Idaho-Maryland Mine Project

SCH# 2020070378

Final Environmental Impact Report

Volume VIII of IX
(Appendix K *Continued* – Appendix N)

Prepared for
County of Nevada

December 2022

Prepared by

RANEY PLANNING & MANAGEMENT, INC.
20 years
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Appendix K *(CONTINUED)*

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SRCGP8   HIGH   1ST HIGH VALUE IS     949.69178  ON 11121817: AT (  669170.36,
4343325.33,   767.44,   850.27,    0.00)  DC

SRCGP9   HIGH   1ST HIGH VALUE IS      41.96673  ON 10083120: AT (  671025.82,
4341605.84,   878.26,   878.26,    0.00)  DC

SRCGP10  HIGH   1ST HIGH VALUE IS     158.79162  ON 13042705: AT (  671468.44,
4341935.76,   866.56,   892.77,    0.00)  DC

SRCGP11  HIGH   1ST HIGH VALUE IS    1774.58020  ON 11081119: AT (  671366.89,
4341998.81,   854.07,   892.77,    0.00)  DC

SRCGP12  HIGH   1ST HIGH VALUE IS     453.97089  ON 13020619: AT (  671068.38,
4342169.93,   846.33,   891.79,    0.00)  DC

SRCGP13  HIGH   1ST HIGH VALUE IS      75.30673  ON 13122317: AT (  669170.36,
4343325.33,   767.44,   850.27,    0.00)  DC

SRCGP14  HIGH   1ST HIGH VALUE IS     790.08822  ON 12121508: AT (  671199.58,
4341770.65,   831.15,   900.47,    0.00)  DC

SRCGP15  HIGH   1ST HIGH VALUE IS    1208.24990  ON 12121508: AT (  668733.94,
4343302.41,   759.97,   819.41,    0.00)  DC

SRCGP16  HIGH   1ST HIGH VALUE IS     227.96040  ON 13021807: AT (  671068.38,
4342169.93,   846.33,   891.79,    0.00)  DC

ALL      HIGH   1ST HIGH VALUE IS    3123.10641  ON 09120808: AT (  671068.38,
4342169.93,   846.33,   891.79,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION  19191 ***   *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc
                         ***        06/20/22
 *** AERMET - VERSION  14134 ***   ***
                       ***        11:28:05

                                PAGE  1099
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            0 Warning Message(s)
```

```
A Total of        13479 Informational Message(s)

A Total of        43872 Hours Were Processed

A Total of         9055 Calm Hours Identified

A Total of         4424 Missing Hours Identified ( 10.08 Percent)

CAUTION!:  Number of Missing Hours Exceeds 10 Percent of Total!
           Data May Not Be Acceptable for Regulatory Applications.
           See Section 5.3.2 of "Meteorological Monitoring Guidance
           for Regulatory Modeling Applications" (EPA-454/R-99-005).


   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
              ***  NONE  ***


   ***********************************
   *** AERMOD Finishes Successfully ***
   ***********************************
```

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 *** AERMOD - VERSION  19191 ***   *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc
                        ***        06/20/22
 *** AERMET - VERSION  14134 ***   ***
                       ***        11:28:05

                                  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL

                                          ***     MODEL SETUP OPTIONS SUMMARY
 ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 **Model Is Setup For Calculation of Average CONCentration Values.

   --  DEPOSITION LOGIC  --
 **NO GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses RURAL Dispersion Only.

 **Model Uses Regulatory DEFAULT Options:
        1. Stack-tip Downwash.
        2. Model Accounts for ELEVated Terrain Effects.
        3. Use Calms Processing Routine.
        4. Use Missing Data Processing Routine.
        5. No Exponential Decay.

 **Other Options Specified:
        CCVR_Sub - Meteorological data includes CCVR substitutions
        TEMP_Sub - Meteorological data includes TEMP substitutions

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  VARIOUS

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:    783 Source(s);      17 Source Group(s); and     593
Receptor(s)

                with:     10 POINT(s), including
                           9 POINTCAP(s) and      0 POINTHOR(s)
                 and:    769 VOLUME source(s)
                 and:      4 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
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                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with      0 line(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  14134

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =  1608.10 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                 ;
Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      6.2 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   IMM.err

 **File for Summary of Results:   IMM.sum

 *** AERMOD - VERSION  19191 ***   *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc
                          ***        06/20/22
 *** AERMET - VERSION  14134 ***   ***
                         ***       11:28:05

                                   PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL

                                          *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                              (1=YES; 0=NO)
```

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           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV RURAL

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: 725845\725845.SFC
Met Version: 14134
Profile file: 725845\725845.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 23225 Name: UNKNOWN
Upper air station no.: 3198 Name: UNKNOWN

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
09	01	01	1	01	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.14	0.84	1.00	0.00	0.	10.0	280.4	2.0
09	01	01	1	02	-13.7	0.156	-9.000	-9.000	-999.	148.	20.7	1.05	0.84	1.00	1.76	68.	10.0	280.4	2.0
09	01	01	1	03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.14	0.84	1.00	0.00	0.	10.0	280.9	2.0
09	01	01	1	04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.14	0.84	1.00	0.00	0.	10.0	280.9	2.0
09	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.14	0.84	1.00	0.00	0.	10.0	280.9	2.0
09	01	01	1	06	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.14	0.84	1.00	0.00	0.	10.0	280.9	2.0
09	01	01	1	07	-13.7	0.156	-9.000	-9.000	-999.	148.	20.7	1.05	0.84	1.00	1.76	75.	10.0	280.9	2.0
09	01	01	1	08	-3.3	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.14	0.84	0.71	0.00	0.	10.0	282.0	2.0
09	01	01	1	09	7.1	0.336	0.245	0.005	62.	468.	-403.9	1.15	0.84	0.36	1.76	7.	10.0	282.5	2.0
09	01	01	1	10	47.6	-9.000	-9.000	-9.000	192.	-999.	-99999.0	1.14	0.84	0.23	0.00	0.	10.0	283.1	2.0
09	01	01	1	11	15.7	0.353	0.471	0.005	199.	503.	-210.1	1.19	0.84	0.19	1.76	294.	10.0	283.1	2.0
09	01	01	1	12	94.9	-9.000	-9.000	-9.000	235.	-999.	-99999.0	1.14	0.84	0.17	0.00	0.	10.0	283.8	2.0
09	01	01	1	13	20.6	0.358	0.550	0.005	242.	514.	-166.5	1.19	0.84	0.17	1.76	263.	10.0	283.1	2.0
09	01	01	1	14	40.3	-9.000	-9.000	-9.000	255.	-999.	-99999.0	1.14	0.84	0.18	0.00	0.	10.0	283.1	2.0
09	01	01	1	15	49.8	0.746	0.800	0.005	308.	1545.	-623.4	1.20	0.84	0.22	3.86	192.	10.0	283.1	2.0
09	01	01	1	16	15.7	0.550	0.591	0.005	393.	1022.	-790.4	1.20	0.84	0.32	2.86	184.	10.0	282.5	2.0
09	01	01	1	17	1.1	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.14	0.84	0.60	0.00	0.	10.0	281.4	2.0
09	01	01	1	18	-13.6	0.158	-9.000	-9.000	-999.	150.	21.6	1.08	0.84	1.00	1.76	177.	10.0	281.4	2.0
09	01	01	1	19	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	1.14	0.84	1.00	0.00	0.	10.0	280.4	2.0
09	01	01	1	20	-13.9	0.158	-9.000	-9.000	-999.	150.	21.1	1.08	0.84	1.00	1.76	147.	10.0	280.4	2.0
09	01	01	1	21	-18.2	0.387	-9.000	-9.000	-999.	578.	237.7	1.08	0.84	1.00	2.36	150.	10.0	280.4	2.0
09	01	01	1	22	-27.3	0.579	-9.000	-9.000	-999.	1056.	530.8	1.08	0.84						

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1.00    3.36  172.   10.0  279.9    2.0
 09 01 01   1 23  -31.7  0.672 -9.000 -9.000 -999. 1319.    715.6  1.08   0.84
1.00    3.86  170.   10.0  279.9    2.0
 09 01 01   1 24  -36.1  0.764 -9.000 -9.000 -999. 1599.    922.1  1.08   0.84
1.00    4.36  160.   10.0  278.8    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 09 01 01 01   10.0 1 -999.  -99.00   280.4   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION  19191 ***   *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc
                        ***        06/20/22
 *** AERMET - VERSION  14134 ***   ***
                       ***        11:28:05

                                  PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL

                                      *** THE SUMMARY OF MAXIMUM PERIOD ( 43872
HRS) RESULTS ***


                                    ** CONC OF VARIOUS  IN MICROGRAMS/M**3
             **


                      NETWORK
GROUP ID                      AVERAGE CONC               RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

SRCGP1    1ST HIGHEST VALUE IS      65.24062 AT (  671068.38,  4342169.93,   846.33,
  891.79,    0.00)  DC
          2ND HIGHEST VALUE IS      25.90810 AT (  670965.71,  4342179.44,   842.70,
  891.48,    0.00)  DC
          3RD HIGHEST VALUE IS      12.88981 AT (  670895.36,  4342025.43,   820.91,
  898.80,    0.00)  DC
          4TH HIGHEST VALUE IS      12.66432 AT (  671091.40,  4342277.23,   858.83,
  891.46,    0.00)  DC
          5TH HIGHEST VALUE IS      12.45630 AT (  670979.02,  4341915.15,   823.46,
  900.47,    0.00)  DC
          6TH HIGHEST VALUE IS      11.66970 AT (  671025.82,  4342265.68,   860.15,
  866.96,    0.00)  DC
          7TH HIGHEST VALUE IS       8.83756 AT (  671174.86,  4342280.21,   855.66,
  897.36,    0.00)  DC
          8TH HIGHEST VALUE IS       8.19121 AT (  670815.50,  4342198.45,   825.35,
  891.99,    0.00)  DC
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          9TH HIGHEST VALUE IS       7.63027 AT (  670817.40,  4342040.64,   818.08,
  898.63,    0.00)  DC
         10TH HIGHEST VALUE IS       7.48527 AT (  670804.51,  4341935.76,   827.94,
  898.49,    0.00)  DC

SRCGP2    1ST HIGHEST VALUE IS      22.62057 AT (  671366.89,  4341998.81,   854.07,
  892.77,    0.00)  DC
          2ND HIGHEST VALUE IS       9.60411 AT (  671468.44,  4341935.76,   866.56,
  892.77,    0.00)  DC
          3RD HIGHEST VALUE IS       6.36988 AT (  671226.19,  4342236.48,   855.31,
  897.82,    0.00)  DC
          4TH HIGHEST VALUE IS       4.85250 AT (  671247.13,  4342265.68,   857.92,
  898.09,    0.00)  DC
          5TH HIGHEST VALUE IS       4.59417 AT (  671068.38,  4342169.93,   846.33,
  891.79,    0.00)  DC
          6TH HIGHEST VALUE IS       4.58365 AT (  671635.08,  4341706.42,   854.34,
  892.11,    0.00)  DC
          7TH HIGHEST VALUE IS       4.50928 AT (  671613.74,  4341791.15,   861.35,
  892.77,    0.00)  DC
          8TH HIGHEST VALUE IS       4.45471 AT (  671174.86,  4342280.21,   855.66,
  897.36,    0.00)  DC
          9TH HIGHEST VALUE IS       4.44135 AT (  671513.75,  4341991.52,   876.27,
  892.77,    0.00)  DC
         10TH HIGHEST VALUE IS       4.28445 AT (  671199.58,  4341770.65,   831.15,
  900.47,    0.00)  DC

SRCGP3    1ST HIGHEST VALUE IS      10.11167 AT (  671068.38,  4342169.93,   846.33,
  891.79,    0.00)  DC
          2ND HIGHEST VALUE IS       8.52388 AT (  671025.82,  4342430.64,   851.38,
  896.72,    0.00)  DC
          3RD HIGHEST VALUE IS       8.08381 AT (  669697.96,  4343255.44,   805.69,
  861.56,    0.00)  DC
          4TH HIGHEST VALUE IS       7.54082 AT (  669864.48,  4343261.31,   816.03,
  862.93,    0.00)  DC
          5TH HIGHEST VALUE IS       7.42514 AT (  671174.86,  4342280.21,   855.66,
  897.36,    0.00)  DC
          6TH HIGHEST VALUE IS       7.24003 AT (  671091.40,  4342277.23,   858.83,
  891.46,    0.00)  DC
          7TH HIGHEST VALUE IS       7.04538 AT (  669284.81,  4343340.13,   776.22,
  850.27,    0.00)  DC
          8TH HIGHEST VALUE IS       6.53839 AT (  670140.58,  4343255.44,   825.59,
  867.32,    0.00)  DC
          9TH HIGHEST VALUE IS       6.32036 AT (  669770.38,  4343322.62,   816.20,
  830.65,    0.00)  DC
         10TH HIGHEST VALUE IS       6.29245 AT (  669919.27,  4343255.44,   819.59,
  863.68,    0.00)  DC

SRCGP4    1ST HIGHEST VALUE IS       7.75825 AT (  669135.39,  4343305.77,   763.44,
  850.65,    0.00)  DC
          2ND HIGHEST VALUE IS       7.37942 AT (  669222.73,  4343235.22,   773.04,
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  909.80,    0.00)  DC
         7TH HIGHEST VALUE IS       3.04022 AT (  671689.75,  4341605.84,   840.95,
  913.26,    0.00)  DC
         8TH HIGHEST VALUE IS       2.75428 AT (  671693.59,  4341710.08,   852.82,
  892.74,    0.00)  DC
         9TH HIGHEST VALUE IS       2.70512 AT (  671513.75,  4341991.52,   876.27,
  892.77,    0.00)  DC
        10TH HIGHEST VALUE IS       2.65678 AT (  671541.78,  4341964.66,   874.92,
  892.77,    0.00)  DC

SRCGP6     1ST HIGHEST VALUE IS      10.17360 AT (  670361.89,  4342430.64,   813.60,
  900.07,    0.00)  DC
         2ND HIGHEST VALUE IS       8.62322 AT (  670583.20,  4342265.68,   820.57,
  889.17,    0.00)  DC
         3RD HIGHEST VALUE IS       7.92828 AT (  670545.53,  4342318.58,   825.27,
  889.17,    0.00)  DC
         4TH HIGHEST VALUE IS       7.85839 AT (  669697.96,  4342595.60,   799.08,
  886.55,    0.00)  DC
         5TH HIGHEST VALUE IS       7.72759 AT (  670140.58,  4342595.60,   816.43,
  889.17,    0.00)  DC
         6TH HIGHEST VALUE IS       7.42869 AT (  669919.27,  4342595.60,   793.60,
  889.17,    0.00)  DC
         7TH HIGHEST VALUE IS       7.36639 AT (  669476.65,  4342760.56,   782.28,
  886.55,    0.00)  DC
         8TH HIGHEST VALUE IS       7.11476 AT (  670815.50,  4342198.45,   825.35,
  891.99,    0.00)  DC
         9TH HIGHEST VALUE IS       7.02031 AT (  670695.71,  4342235.89,   834.44,
  889.17,    0.00)  DC
        10TH HIGHEST VALUE IS       6.29223 AT (  670039.70,  4342661.10,   814.26,
  889.17,    0.00)  DC

SRCGP7     1ST HIGHEST VALUE IS      12.18020 AT (  671366.89,  4341998.81,   854.07,
  892.77,    0.00)  DC
         2ND HIGHEST VALUE IS       9.61463 AT (  671226.19,  4342236.48,   855.31,
  897.82,    0.00)  DC
         3RD HIGHEST VALUE IS       8.50715 AT (  671115.92,  4341863.81,   829.08,
  900.47,    0.00)  DC
         4TH HIGHEST VALUE IS       7.43880 AT (  671247.13,  4342265.68,   857.92,
  898.09,    0.00)  DC
         5TH HIGHEST VALUE IS       6.58021 AT (  671174.86,  4342280.21,   855.66,
  897.36,    0.00)  DC
         6TH HIGHEST VALUE IS       6.28903 AT (  671068.38,  4342169.93,   846.33,
  891.79,    0.00)  DC
         7TH HIGHEST VALUE IS       5.20253 AT (  671091.40,  4342277.23,   858.83,
  891.46,    0.00)  DC
         8TH HIGHEST VALUE IS       4.63941 AT (  671025.82,  4341770.80,   852.14,
  896.59,    0.00)  DC
         9TH HIGHEST VALUE IS       4.34125 AT (  671025.82,  4342265.68,   860.15,
  866.96,    0.00)  DC
        10TH HIGHEST VALUE IS       4.32904 AT (  670979.02,  4341915.15,   823.46,
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  900.47,    0.00)  DC

SRCGP8    1ST HIGHEST VALUE IS     117.80026 AT (  669098.44,  4343411.59,   760.06,
  826.15,    0.00)  DC
          2ND HIGHEST VALUE IS     101.37076 AT (  669034.03,  4343420.40,   762.28,
  825.53,    0.00)  DC
          3RD HIGHEST VALUE IS      64.90498 AT (  669006.15,  4343426.70,   763.67,
  825.18,    0.00)  DC
          4TH HIGHEST VALUE IS      46.32002 AT (  669135.39,  4343305.77,   763.44,
  850.65,    0.00)  DC
          5TH HIGHEST VALUE IS      42.08432 AT (  668973.35,  4343426.70,   764.35,
  821.68,    0.00)  DC
          6TH HIGHEST VALUE IS      24.77205 AT (  669088.84,  4343480.88,   767.02,
  826.13,    0.00)  DC
          7TH HIGHEST VALUE IS      23.20107 AT (  668908.63,  4343364.56,   758.24,
  821.00,    0.00)  DC
          8TH HIGHEST VALUE IS      16.16911 AT (  669170.36,  4343325.33,   767.44,
  850.27,    0.00)  DC
          9TH HIGHEST VALUE IS      13.14767 AT (  668851.52,  4343359.52,   757.17,
  819.92,    0.00)  DC
         10TH HIGHEST VALUE IS      11.24168 AT (  668831.37,  4343371.27,   756.65,
  821.00,    0.00)  DC
 *** AERMOD - VERSION  19191 ***   *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc
                        ***        06/20/22
 *** AERMET - VERSION  14134 ***   ***
                       ***        11:28:05

                                  PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL

                                      *** THE SUMMARY OF MAXIMUM PERIOD ( 43872
HRS) RESULTS ***


                                    ** CONC OF VARIOUS  IN MICROGRAMS/M**3
              **


                        NETWORK
GROUP ID                       AVERAGE CONC               RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

SRCGP9    1ST HIGHEST VALUE IS       1.58048 AT (  671091.40,  4342277.23,   858.83,
  891.46,    0.00)  DC
          2ND HIGHEST VALUE IS       1.40687 AT (  671051.75,  4342332.07,   862.96,
  887.54,    0.00)  DC
          3RD HIGHEST VALUE IS       1.35874 AT (  671174.86,  4342280.21,   855.66,
  897.36,    0.00)  DC
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         4TH HIGHEST VALUE IS       1.29714 AT (  671025.82,  4342265.68,   860.15,
  866.96,    0.00)  DC
         5TH HIGHEST VALUE IS       1.28617 AT (  671051.75,  4342369.20,   860.59,
  891.64,    0.00)  DC
         6TH HIGHEST VALUE IS       1.05553 AT (  671025.82,  4342430.64,   851.38,
  896.72,    0.00)  DC
         7TH HIGHEST VALUE IS       1.03539 AT (  670804.51,  4341770.80,   857.05,
  891.12,    0.00)  DC
         8TH HIGHEST VALUE IS       1.01789 AT (  670953.04,  4342360.76,   860.91,
  867.60,    0.00)  DC
         9TH HIGHEST VALUE IS       0.95015 AT (  671068.38,  4342169.93,   846.33,
  891.79,    0.00)  DC
        10TH HIGHEST VALUE IS       0.94813 AT (  670804.51,  4341935.76,   827.94,
  898.49,    0.00)  DC

SRCGP10   1ST HIGHEST VALUE IS       4.67528 AT (  671366.89,  4341998.81,   854.07,
  892.77,    0.00)  DC
         2ND HIGHEST VALUE IS       4.13293 AT (  671226.19,  4342236.48,   855.31,
  897.82,    0.00)  DC
         3RD HIGHEST VALUE IS       3.82940 AT (  671025.82,  4341770.80,   852.14,
  896.59,    0.00)  DC
         4TH HIGHEST VALUE IS       3.41576 AT (  671174.86,  4342280.21,   855.66,
  897.36,    0.00)  DC
         5TH HIGHEST VALUE IS       3.31031 AT (  671247.13,  4342265.68,   857.92,
  898.09,    0.00)  DC
         6TH HIGHEST VALUE IS       3.31015 AT (  671115.92,  4341863.81,   829.08,
  900.47,    0.00)  DC
         7TH HIGHEST VALUE IS       2.61076 AT (  671468.44,  4341935.76,   866.56,
  892.77,    0.00)  DC
         8TH HIGHEST VALUE IS       2.51275 AT (  671025.82,  4341605.84,   878.26,
  878.26,    0.00)  DC
         9TH HIGHEST VALUE IS       2.17022 AT (  671415.64,  4342183.08,   882.22,
  886.47,    0.00)  DC
        10TH HIGHEST VALUE IS       2.10114 AT (  671407.11,  4342219.66,   881.44,
  885.67,    0.00)  DC

SRCGP11   1ST HIGHEST VALUE IS      42.65277 AT (  671115.92,  4341863.81,   829.08,
  900.47,    0.00)  DC
         2ND HIGHEST VALUE IS      38.36447 AT (  671366.89,  4341998.81,   854.07,
  892.77,    0.00)  DC
         3RD HIGHEST VALUE IS      36.66680 AT (  671199.58,  4341770.65,   831.15,
  900.47,    0.00)  DC
         4TH HIGHEST VALUE IS      27.52339 AT (  671025.82,  4341770.80,   852.14,
  896.59,    0.00)  DC
         5TH HIGHEST VALUE IS      16.65084 AT (  671068.38,  4342169.93,   846.33,
  891.79,    0.00)  DC
         6TH HIGHEST VALUE IS      16.51625 AT (  671226.19,  4342236.48,   855.31,
  897.82,    0.00)  DC
         7TH HIGHEST VALUE IS      13.25707 AT (  671247.13,  4342265.68,   857.92,
  898.09,    0.00)  DC
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         8TH HIGHEST VALUE IS      13.19523 AT (  671174.86,  4342280.21,   855.66,
  897.36,    0.00)  DC
         9TH HIGHEST VALUE IS      12.15296 AT (  671468.44,  4341935.76,   866.56,
  892.77,    0.00)  DC
        10TH HIGHEST VALUE IS      11.22763 AT (  670979.02,  4341915.15,   823.46,
  900.47,    0.00)  DC

SRCGP12   1ST HIGHEST VALUE IS      16.58410 AT (  671366.89,  4341998.81,   854.07,
  892.77,    0.00)  DC
         2ND HIGHEST VALUE IS      10.34569 AT (  671199.58,  4341770.65,   831.15,
  900.47,    0.00)  DC
         3RD HIGHEST VALUE IS       7.82524 AT (  671468.44,  4341935.76,   866.56,
  892.77,    0.00)  DC
         4TH HIGHEST VALUE IS       6.15486 AT (  671115.92,  4341863.81,   829.08,
  900.47,    0.00)  DC
         5TH HIGHEST VALUE IS       5.80584 AT (  671068.38,  4342169.93,   846.33,
  891.79,    0.00)  DC
         6TH HIGHEST VALUE IS       5.52849 AT (  671226.19,  4342236.48,   855.31,
  897.82,    0.00)  DC
         7TH HIGHEST VALUE IS       4.91190 AT (  670965.71,  4342179.44,   842.70,
  891.48,    0.00)  DC
         8TH HIGHEST VALUE IS       4.59628 AT (  671247.13,  4342265.68,   857.92,
  898.09,    0.00)  DC
         9TH HIGHEST VALUE IS       4.37351 AT (  671513.75,  4341991.52,   876.27,
  892.77,    0.00)  DC
        10TH HIGHEST VALUE IS       4.11363 AT (  671541.78,  4341964.66,   874.92,
  892.77,    0.00)  DC
 *** AERMOD - VERSION  19191 ***   *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc
                          ***       06/20/22
 *** AERMET - VERSION  14134 ***   ***
                       ***       11:28:05

                                  PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL

                                      *** THE SUMMARY OF MAXIMUM PERIOD ( 43872
HRS) RESULTS ***


                                    ** CONC OF VARIOUS  IN MICROGRAMS/M**3
             **


                      NETWORK
GROUP ID                     AVERAGE CONC               RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

SRCGP13   1ST HIGHEST VALUE IS       6.88623 AT (  669228.57,  4343289.81,   774.97,
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  850.10,    0.00)  DC
         2ND HIGHEST VALUE IS       6.51560 AT (  668831.37,  4343371.27,   756.65,
  821.00,    0.00)  DC
         3RD HIGHEST VALUE IS       6.37675 AT (  668908.63,  4343364.56,   758.24,
  821.00,    0.00)  DC
         4TH HIGHEST VALUE IS       6.32980 AT (  671025.82,  4342430.64,   851.38,
  896.72,    0.00)  DC
         5TH HIGHEST VALUE IS       6.12356 AT (  668973.35,  4343426.70,   764.35,
  821.68,    0.00)  DC
         6TH HIGHEST VALUE IS       5.99428 AT (  668591.41,  4343420.40,   752.89,
  819.81,    0.00)  DC
         7TH HIGHEST VALUE IS       5.99049 AT (  669284.81,  4343340.13,   776.22,
  850.27,    0.00)  DC
         8TH HIGHEST VALUE IS       5.93704 AT (  669170.36,  4343325.33,   767.44,
  850.27,    0.00)  DC
         9TH HIGHEST VALUE IS       5.80000 AT (  668812.72,  4343420.40,   762.17,
  819.81,    0.00)  DC
        10TH HIGHEST VALUE IS       5.78930 AT (  669006.15,  4343426.70,   763.67,
  825.18,    0.00)  DC

SRCGP14   1ST HIGHEST VALUE IS       7.15367 AT (  671199.58,  4341770.65,   831.15,
  900.47,    0.00)  DC
         2ND HIGHEST VALUE IS       5.27342 AT (  671366.89,  4341998.81,   854.07,
  892.77,    0.00)  DC
         3RD HIGHEST VALUE IS       5.27079 AT (  671468.44,  4341935.76,   866.56,
  892.77,    0.00)  DC
         4TH HIGHEST VALUE IS       4.54819 AT (  671635.08,  4341706.42,   854.34,
  892.11,    0.00)  DC
         5TH HIGHEST VALUE IS       3.94739 AT (  671613.74,  4341791.15,   861.35,
  892.77,    0.00)  DC
         6TH HIGHEST VALUE IS       3.67756 AT (  671673.48,  4341630.23,   845.73,
  909.80,    0.00)  DC
         7TH HIGHEST VALUE IS       3.17078 AT (  671689.75,  4341605.84,   840.95,
  913.26,    0.00)  DC
         8TH HIGHEST VALUE IS       3.06621 AT (  671693.59,  4341710.08,   852.82,
  892.74,    0.00)  DC
         9TH HIGHEST VALUE IS       2.96779 AT (  671513.75,  4341991.52,   876.27,
  892.77,    0.00)  DC
        10TH HIGHEST VALUE IS       2.86361 AT (  671541.78,  4341964.66,   874.92,
  892.77,    0.00)  DC

SRCGP15   1ST HIGHEST VALUE IS      14.69041 AT (  669135.39,  4343305.77,   763.44,
  850.65,    0.00)  DC
         2ND HIGHEST VALUE IS      14.05551 AT (  669222.73,  4343235.22,   773.04,
  850.78,    0.00)  DC
         3RD HIGHEST VALUE IS      11.02958 AT (  668733.94,  4343302.41,   759.97,
  819.41,    0.00)  DC
         4TH HIGHEST VALUE IS      10.37004 AT (  668908.63,  4343364.56,   758.24,
  821.00,    0.00)  DC
         5TH HIGHEST VALUE IS       9.66211 AT (  668851.52,  4343359.52,   757.17,
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  819.92,    0.00)  DC
         6TH HIGHEST VALUE IS       8.02328 AT (  668831.37,  4343371.27,   756.65,
  821.00,    0.00)  DC
         7TH HIGHEST VALUE IS       7.47454 AT (  668686.91,  4343199.95,   766.73,
  769.00,    0.00)  DC
         8TH HIGHEST VALUE IS       7.25753 AT (  669170.36,  4343325.33,   767.44,
  850.27,    0.00)  DC
         9TH HIGHEST VALUE IS       6.91293 AT (  669034.03,  4343420.40,   762.28,
  825.53,    0.00)  DC
        10TH HIGHEST VALUE IS       6.66719 AT (  669098.44,  4343411.59,   760.06,
  826.15,    0.00)  DC

SRCGP16   1ST HIGHEST VALUE IS      27.44317 AT (  671199.58,  4341770.65,   831.15,
  900.47,    0.00)  DC
         2ND HIGHEST VALUE IS      13.81832 AT (  671115.92,  4341863.81,   829.08,
  900.47,    0.00)  DC
         3RD HIGHEST VALUE IS      12.34442 AT (  671068.38,  4342169.93,   846.33,
  891.79,    0.00)  DC
         4TH HIGHEST VALUE IS      11.06924 AT (  671366.89,  4341998.81,   854.07,
  892.77,    0.00)  DC
         5TH HIGHEST VALUE IS       7.88081 AT (  671025.82,  4341770.80,   852.14,
  896.59,    0.00)  DC
         6TH HIGHEST VALUE IS       7.26921 AT (  670979.02,  4341915.15,   823.46,
  900.47,    0.00)  DC
         7TH HIGHEST VALUE IS       6.52036 AT (  670965.71,  4342179.44,   842.70,
  891.48,    0.00)  DC
         8TH HIGHEST VALUE IS       5.14567 AT (  670895.36,  4342025.43,   820.91,
  898.80,    0.00)  DC
         9TH HIGHEST VALUE IS       4.46764 AT (  671468.44,  4341935.76,   866.56,
  892.77,    0.00)  DC
        10TH HIGHEST VALUE IS       4.29391 AT (  671226.19,  4342236.48,   855.31,
  897.82,    0.00)  DC
 *** AERMOD - VERSION  19191 ***   *** C:\Users\apoll\Desktop\HARP2\IMM\IMM.isc
                          ***       06/20/22
 *** AERMET - VERSION  14134 ***   ***
                         ***       11:28:05

                                   PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL

                                        *** THE SUMMARY OF MAXIMUM PERIOD ( 43872
HRS) RESULTS ***


                                     ** CONC OF VARIOUS  IN MICROGRAMS/M**3
             **


                        NETWORK
GROUP ID                       AVERAGE CONC                RECEPTOR  (XR, YR, ZELEV,
```

```
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - -
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- -

SRCGP1 HIGH 1ST HIGH VALUE IS 1746.50973 ON 09120805: AT (671068.38,
4342169.93, 846.33, 891.79, 0.00) DC

SRCGP2 HIGH 1ST HIGH VALUE IS 349.91080 ON 12111121: AT (671366.89,
4341998.81, 854.07, 892.77, 0.00) DC

SRCGP3 HIGH 1ST HIGH VALUE IS 78.08540 ON 09090320: AT (669864.48,
4343261.31, 816.03, 862.93, 0.00) DC

SRCGP4 HIGH 1ST HIGH VALUE IS 519.99565 ON 10020808: AT (668671.79,
4343089.09, 771.48, 787.87, 0.00) DC

SRCGP5 HIGH 1ST HIGH VALUE IS 231.86991 ON 12121508: AT (671199.58,
4341770.65, 831.15, 900.47, 0.00) DC

SRCGP6 HIGH 1ST HIGH VALUE IS 293.92943 ON 12121508: AT (670361.89,
4342430.64, 813.60, 900.07, 0.00) DC

SRCGP7 HIGH 1ST HIGH VALUE IS 211.48141 ON 13011917: AT (671366.89,
4341998.81, 854.07, 892.77, 0.00) DC

SRCGP8 HIGH 1ST HIGH VALUE IS 949.69178 ON 11121817: AT (669170.36,
4343325.33, 767.44, 850.27, 0.00) DC

SRCGP9 HIGH 1ST HIGH VALUE IS 41.96673 ON 10083120: AT (671025.82,
4341605.84, 878.26, 878.26, 0.00) DC

SRCGP10 HIGH 1ST HIGH VALUE IS 158.79162 ON 13042705: AT (671468.44,
4341935.76, 866.56, 892.77, 0.00) DC

SRCGP11 HIGH 1ST HIGH VALUE IS 1774.58020 ON 11081119: AT (671366.89,
4341998.81, 854.07, 892.77, 0.00) DC

SRCGP12 HIGH 1ST HIGH VALUE IS 453.97089 ON 13020619: AT (671068.38,
4342169.93, 846.33, 891.79, 0.00) DC

SRCGP13 HIGH 1ST HIGH VALUE IS 75.30673 ON 13122317: AT (669170.36,
4343325.33, 767.44, 850.27, 0.00) DC

SRCGP14 HIGH 1ST HIGH VALUE IS 790.08822 ON 12121508: AT (671199.58,
4341770.65, 831.15, 900.47, 0.00) DC

SRCGP15 HIGH 1ST HIGH VALUE IS 1208.24990 ON 12121508: AT (668733.94,
4343302.41, 759.97, 819.41, 0.00) DC

SRCGP16 HIGH 1ST HIGH VALUE IS 227.96040 ON 13021807: AT (671068.38,
4342169.93, 846.33, 891.79, 0.00) DC

ALL   HIGH   1ST HIGH VALUE IS   3123.10641 ON 09120808: AT (671068.38,
4342169.93,   846.33,   891.79,   0.00) DC

 *** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of   0 Fatal Error Message(s)
 A Total of   0 Warning Message(s)
 A Total of   13479 Informational Message(s)

 A Total of   43872 Hours Were Processed

 A Total of   9055 Calm Hours Identified

 A Total of   4424 Missing Hours Identified (10.08 Percent)

 CAUTION!: Number of Missing Hours Exceeds 10 Percent of Total!
            Data May Not Be Acceptable for Regulatory Applications.
            See Section 5.3.2 of "Meteorological Monitoring Guidance
            for Regulatory Modeling Applications" (EPA-454/R-99-005).

    ******** FATAL ERROR MESSAGES ********
               *** NONE ***

    ********   WARNING MESSAGES   ********
               *** NONE ***

HARP2 - HRACalc (dated 22118) 6/20/2022 1:39:43 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 16
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 1
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: Moderate8HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-1CancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-1CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-1NCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-1NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-1NCAcuteRisk.csv
Acute risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-1NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 6/20/2022 1:40:11 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 16
Total Exposure Duration: 1

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 1
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: Moderate8HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-1 MitCancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-1 MitCancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-1 MitNCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-1 MitNCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-1 MitNCAcuteRisk.csv
Acute risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-1 MitNCAcuteRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 6/20/2022 1:41:49 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 17
Total Exposure Duration: 5

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 5
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: Moderate8HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-2CancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-2CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-2NCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-2NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-2NCAcuteRisk.csv
Acute risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-2NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 6/20/2022 1:42:49 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 22
Total Exposure Duration: 6

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 6
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: Moderate8HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-3CancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-3CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-3NCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-3NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-3NCAcuteRisk.csv
Acute risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-3NCAcuteRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 6/20/2022 1:43:46 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: All
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 28
Total Exposure Duration: 13.25

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 13.25
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: Moderate8HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-4CancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-4CancerRiskSumByRec.csv
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-4NCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-4NCChronicRiskSumByRec.csv
Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-4NCAcuteRisk.csv
Acute risk total by receptor saved to: C:\Users\apoll\Desktop\HARP2\HARP\IMM\IMM - Blue Canyon - Worker\RISE IMM HARP Worker\hra\Worker-4NCAcuteRiskSumByRec.csv
HRA ran successfully

Unmitigated Cancer Risk

REC	GRP	X	Y	Risk
1	ALL	668148.8	4340781.04	1.08E-08
2	ALL	668370.1	4340781.04	1.21E-08
3	ALL	668591.4	4340781.04	1.37E-08
4	ALL	668812.7	4340781.04	1.52E-08
5	ALL	669034	4340781.04	1.73E-08
6	ALL	669255.3	4340781.04	1.99E-08
7	ALL	669476.7	4340781.04	2.23E-08
8	ALL	669698	4340781.04	2.55E-08
9	ALL	669919.3	4340781.04	3.16E-08
10	ALL	670140.6	4340781.04	3.63E-08
11	ALL	670361.9	4340781.04	3.65E-08
12	ALL	670583.2	4340781.04	2.82E-08
13	ALL	670804.5	4340781.04	2.42E-08
14	ALL	671025.8	4340781.04	1.79E-08
15	ALL	671247.1	4340781.04	1.63E-08
16	ALL	671468.4	4340781.04	1.92E-08
17	ALL	671689.8	4340781.04	2.37E-08
18	ALL	671911.1	4340781.04	2.18E-08
19	ALL	672132.4	4340781.04	1.35E-08
20	ALL	672353.7	4340781.04	1.91E-08
21	ALL	672575	4340781.04	2.21E-08
22	ALL	668148.8	4340946	1.05E-08
23	ALL	668370.1	4340946	1.17E-08
24	ALL	668591.4	4340946	1.32E-08
25	ALL	668812.7	4340946	1.48E-08
26	ALL	669034	4340946	1.73E-08
27	ALL	669255.3	4340946	1.99E-08
28	ALL	669476.7	4340946	2.27E-08
29	ALL	669698	4340946	2.74E-08
30	ALL	669919.3	4340946	3.61E-08
31	ALL	670140.6	4340946	4.05E-08
32	ALL	670361.9	4340946	4.43E-08
33	ALL	670583.2	4340946	4.39E-08
34	ALL	670804.5	4340946	3.21E-08
35	ALL	671025.8	4340946	2.18E-08
36	ALL	671247.1	4340946	1.80E-08
37	ALL	671468.4	4340946	1.99E-08
38	ALL	671689.8	4340946	3.13E-08
39	ALL	671911.1	4340946	3.39E-08
40	ALL	672132.4	4340946	1.35E-08
41	ALL	672353.7	4340946	1.55E-08
42	ALL	672575	4340946	2.33E-08
43	ALL	668148.8	4341110.96	1.03E-08
44	ALL	668370.1	4341110.96	1.13E-08
45	ALL	668591.4	4341110.96	1.27E-08
46	ALL	668812.7	4341110.96	1.45E-08
47	ALL	669034	4341110.96	1.67E-08
48	ALL	669255.3	4341110.96	1.91E-08
49	ALL	669476.7	4341110.96	2.28E-08

Unmitigated Cancer Risk

50	ALL	669698	4341110.96	2.80E-08
51	ALL	669919.3	4341110.96	3.31E-08
52	ALL	670140.6	4341110.96	4.38E-08
53	ALL	670361.9	4341110.96	4.64E-08
54	ALL	670583.2	4341110.96	4.45E-08
55	ALL	670804.5	4341110.96	3.69E-08
56	ALL	671025.8	4341110.96	2.70E-08
57	ALL	671247.1	4341110.96	2.44E-08
58	ALL	671468.4	4341110.96	2.63E-08
59	ALL	671689.8	4341110.96	5.02E-08
60	ALL	671911.1	4341110.96	4.03E-08
61	ALL	672132.4	4341110.96	1.53E-08
62	ALL	672353.7	4341110.96	1.38E-08
63	ALL	672575	4341110.96	2.60E-08
64	ALL	668148.8	4341275.92	1.03E-08
65	ALL	668370.1	4341275.92	1.12E-08
66	ALL	668591.4	4341275.92	1.24E-08
67	ALL	668812.7	4341275.92	1.42E-08
68	ALL	669034	4341275.92	1.67E-08
69	ALL	669255.3	4341275.92	1.91E-08
70	ALL	669476.7	4341275.92	2.21E-08
71	ALL	669698	4341275.92	2.68E-08
72	ALL	669919.3	4341275.92	3.70E-08
73	ALL	670140.6	4341275.92	4.01E-08
74	ALL	670361.9	4341275.92	4.36E-08
75	ALL	670583.2	4341275.92	4.17E-08
76	ALL	670804.5	4341275.92	4.64E-08
77	ALL	671025.8	4341275.92	4.16E-08
78	ALL	671247.1	4341275.92	4.17E-08
79	ALL	671468.4	4341275.92	6.91E-08
80	ALL	671689.8	4341275.92	8.39E-08
81	ALL	671911.1	4341275.92	5.33E-08
82	ALL	672132.4	4341275.92	2.12E-08
83	ALL	672353.7	4341275.92	1.60E-08
84	ALL	672575	4341275.92	2.82E-08
85	ALL	668148.8	4341440.88	1.05E-08
86	ALL	668370.1	4341440.88	1.11E-08
87	ALL	668591.4	4341440.88	1.21E-08
88	ALL	668812.7	4341440.88	1.39E-08
89	ALL	669034	4341440.88	1.61E-08
90	ALL	669255.3	4341440.88	1.81E-08
91	ALL	669476.7	4341440.88	2.13E-08
92	ALL	669698	4341440.88	2.61E-08
93	ALL	669919.3	4341440.88	3.34E-08
94	ALL	670140.6	4341440.88	3.53E-08
95	ALL	670361.9	4341440.88	4.18E-08
96	ALL	670583.2	4341440.88	4.38E-08
97	ALL	670804.5	4341440.88	6.00E-08
98	ALL	671025.8	4341440.88	6.67E-08
99	ALL	671689.8	4341440.88	1.66E-07

Unmitigated Cancer Risk

100	ALL	671911.1	4341440.88	7.24E-08
101	ALL	672132.4	4341440.88	3.08E-08
102	ALL	672353.7	4341440.88	2.49E-08
103	ALL	672575	4341440.88	3.22E-08
104	ALL	668148.8	4341605.84	1.08E-08
105	ALL	668370.1	4341605.84	1.12E-08
106	ALL	668591.4	4341605.84	1.22E-08
107	ALL	668812.7	4341605.84	1.37E-08
108	ALL	669034	4341605.84	1.54E-08
109	ALL	669255.3	4341605.84	1.77E-08
110	ALL	669476.7	4341605.84	2.07E-08
111	ALL	669698	4341605.84	2.42E-08
112	ALL	669919.3	4341605.84	2.89E-08
113	ALL	670140.6	4341605.84	3.30E-08
114	ALL	670361.9	4341605.84	3.70E-08
115	ALL	670583.2	4341605.84	4.88E-08
116	ALL	670804.5	4341605.84	7.63E-08
117	ALL	671025.8	4341605.84	1.00E-07
118	ALL	671689.8	4341605.84	3.26E-07
119	ALL	671911.1	4341605.84	1.11E-07
120	ALL	672132.4	4341605.84	4.96E-08
121	ALL	672353.7	4341605.84	3.33E-08
122	ALL	672575	4341605.84	3.53E-08
123	ALL	668148.8	4341770.8	1.20E-08
124	ALL	668370.1	4341770.8	1.15E-08
125	ALL	668591.4	4341770.8	1.23E-08
126	ALL	668812.7	4341770.8	1.36E-08
127	ALL	669034	4341770.8	1.55E-08
128	ALL	669255.3	4341770.8	1.79E-08
129	ALL	669476.7	4341770.8	2.01E-08
130	ALL	669698	4341770.8	2.46E-08
131	ALL	669919.3	4341770.8	2.53E-08
132	ALL	670140.6	4341770.8	2.68E-08
133	ALL	670361.9	4341770.8	2.89E-08
134	ALL	670583.2	4341770.8	5.28E-08
135	ALL	670804.5	4341770.8	1.14E-07
136	ALL	671025.8	4341770.8	2.04E-07
137	ALL	671689.8	4341770.8	2.70E-07
138	ALL	671911.1	4341770.8	1.17E-07
139	ALL	672132.4	4341770.8	4.57E-08
140	ALL	672353.7	4341770.8	2.77E-08
141	ALL	672575	4341770.8	3.54E-08
142	ALL	668148.8	4341935.76	1.36E-08
143	ALL	668370.1	4341935.76	1.30E-08
144	ALL	668591.4	4341935.76	1.27E-08
145	ALL	668812.7	4341935.76	1.39E-08
146	ALL	669034	4341935.76	1.58E-08
147	ALL	669255.3	4341935.76	1.77E-08
148	ALL	669476.7	4341935.76	2.15E-08
149	ALL	669698	4341935.76	2.03E-08

Unmitigated Cancer Risk

150	ALL	669919.3	4341935.76	1.79E-08
151	ALL	670140.6	4341935.76	2.05E-08
152	ALL	670361.9	4341935.76	2.69E-08
153	ALL	670583.2	4341935.76	5.73E-08
154	ALL	670804.5	4341935.76	1.27E-07
155	ALL	671468.4	4341935.76	6.28E-07
156	ALL	671689.8	4341935.76	1.79E-07
157	ALL	671911.1	4341935.76	9.06E-08
158	ALL	672132.4	4341935.76	4.11E-08
159	ALL	672353.7	4341935.76	2.50E-08
160	ALL	672575	4341935.76	3.37E-08
161	ALL	668148.8	4342100.72	1.57E-08
162	ALL	668370.1	4342100.72	1.40E-08
163	ALL	668591.4	4342100.72	1.34E-08
164	ALL	668812.7	4342100.72	1.44E-08
165	ALL	669034	4342100.72	1.63E-08
166	ALL	669255.3	4342100.72	1.83E-08
167	ALL	669476.7	4342100.72	2.17E-08
168	ALL	669698	4342100.72	2.35E-08
169	ALL	669919.3	4342100.72	2.56E-08
170	ALL	670140.6	4342100.72	2.53E-08
171	ALL	670361.9	4342100.72	4.69E-08
172	ALL	670583.2	4342100.72	7.14E-08
173	ALL	671468.4	4342100.72	2.79E-07
174	ALL	671689.8	4342100.72	1.22E-07
175	ALL	671911.1	4342100.72	7.15E-08
176	ALL	672132.4	4342100.72	4.01E-08
177	ALL	672353.7	4342100.72	2.48E-08
178	ALL	672575	4342100.72	3.19E-08
179	ALL	668148.8	4342265.68	1.84E-08
180	ALL	668370.1	4342265.68	1.62E-08
181	ALL	668591.4	4342265.68	1.65E-08
182	ALL	668812.7	4342265.68	1.59E-08
183	ALL	669034	4342265.68	1.73E-08
184	ALL	669255.3	4342265.68	1.94E-08
185	ALL	669476.7	4342265.68	2.19E-08
186	ALL	669698	4342265.68	2.50E-08
187	ALL	669919.3	4342265.68	2.96E-08
188	ALL	670140.6	4342265.68	3.62E-08
189	ALL	670361.9	4342265.68	5.07E-08
190	ALL	670583.2	4342265.68	9.48E-08
191	ALL	670804.5	4342265.68	1.33E-07
192	ALL	671025.8	4342265.68	2.41E-07
193	ALL	671247.1	4342265.68	3.49E-07
194	ALL	671468.4	4342265.68	1.85E-07
195	ALL	671689.8	4342265.68	9.71E-08
196	ALL	671911.1	4342265.68	5.59E-08
197	ALL	672132.4	4342265.68	4.20E-08
198	ALL	672353.7	4342265.68	3.02E-08
199	ALL	672575	4342265.68	3.03E-08

Unmitigated Cancer Risk

200	ALL	668148.8	4342430.64	2.02E-08
201	ALL	668370.1	4342430.64	2.30E-08
202	ALL	668591.4	4342430.64	2.31E-08
203	ALL	668812.7	4342430.64	2.26E-08
204	ALL	669034	4342430.64	2.20E-08
205	ALL	669255.3	4342430.64	2.22E-08
206	ALL	669476.7	4342430.64	2.41E-08
207	ALL	669698	4342430.64	2.80E-08
208	ALL	669919.3	4342430.64	3.24E-08
209	ALL	670140.6	4342430.64	4.36E-08
210	ALL	670361.9	4342430.64	8.04E-08
211	ALL	670583.2	4342430.64	7.61E-08
212	ALL	670804.5	4342430.64	1.19E-07
213	ALL	671025.8	4342430.64	2.16E-07
214	ALL	671247.1	4342430.64	1.61E-07
215	ALL	671468.4	4342430.64	1.21E-07
216	ALL	671689.8	4342430.64	7.30E-08
217	ALL	671911.1	4342430.64	4.53E-08
218	ALL	672132.4	4342430.64	3.69E-08
219	ALL	672353.7	4342430.64	3.44E-08
220	ALL	672575	4342430.64	2.82E-08
221	ALL	668148.8	4342595.6	2.34E-08
222	ALL	668370.1	4342595.6	2.80E-08
223	ALL	668591.4	4342595.6	3.10E-08
224	ALL	668812.7	4342595.6	3.19E-08
225	ALL	669034	4342595.6	2.95E-08
226	ALL	669255.3	4342595.6	2.75E-08
227	ALL	669476.7	4342595.6	3.54E-08
228	ALL	669698	4342595.6	5.30E-08
229	ALL	669919.3	4342595.6	5.47E-08
230	ALL	670140.6	4342595.6	6.27E-08
231	ALL	670361.9	4342595.6	5.92E-08
232	ALL	670583.2	4342595.6	6.54E-08
233	ALL	670804.5	4342595.6	1.04E-07
234	ALL	671025.8	4342595.6	1.55E-07
235	ALL	671247.1	4342595.6	1.27E-07
236	ALL	671468.4	4342595.6	8.25E-08
237	ALL	671689.8	4342595.6	5.28E-08
238	ALL	671911.1	4342595.6	3.39E-08
239	ALL	672132.4	4342595.6	2.77E-08
240	ALL	672353.7	4342595.6	3.10E-08
241	ALL	672575	4342595.6	2.56E-08
242	ALL	668148.8	4342760.56	2.71E-08
243	ALL	668370.1	4342760.56	3.69E-08
244	ALL	668591.4	4342760.56	4.49E-08
245	ALL	668812.7	4342760.56	5.05E-08
246	ALL	669034	4342760.56	4.06E-08
247	ALL	669255.3	4342760.56	3.61E-08
248	ALL	669476.7	4342760.56	5.58E-08
249	ALL	669698	4342760.56	3.64E-08

Unmitigated Cancer Risk

250	ALL	669919.3	4342760.56	4.06E-08
251	ALL	670140.6	4342760.56	4.77E-08
252	ALL	670361.9	4342760.56	6.04E-08
253	ALL	670583.2	4342760.56	6.09E-08
254	ALL	670804.5	4342760.56	9.59E-08
255	ALL	671025.8	4342760.56	9.59E-08
256	ALL	671247.1	4342760.56	7.69E-08
257	ALL	671468.4	4342760.56	6.18E-08
258	ALL	671689.8	4342760.56	4.44E-08
259	ALL	671911.1	4342760.56	2.79E-08
260	ALL	672132.4	4342760.56	2.22E-08
261	ALL	672353.7	4342760.56	2.77E-08
262	ALL	672575	4342760.56	2.32E-08
263	ALL	668148.8	4342925.52	2.82E-08
264	ALL	668370.1	4342925.52	4.28E-08
265	ALL	668591.4	4342925.52	6.03E-08
266	ALL	668812.7	4342925.52	8.62E-08
267	ALL	669034	4342925.52	1.16E-07
268	ALL	669476.7	4342925.52	5.80E-08
269	ALL	669698	4342925.52	3.84E-08
270	ALL	669919.3	4342925.52	3.99E-08
271	ALL	670140.6	4342925.52	4.75E-08
272	ALL	670361.9	4342925.52	5.60E-08
273	ALL	670583.2	4342925.52	8.22E-08
274	ALL	670804.5	4342925.52	8.53E-08
275	ALL	671025.8	4342925.52	5.59E-08
276	ALL	671247.1	4342925.52	5.81E-08
277	ALL	671468.4	4342925.52	4.62E-08
278	ALL	671689.8	4342925.52	3.58E-08
279	ALL	671911.1	4342925.52	2.44E-08
280	ALL	672132.4	4342925.52	1.71E-08
281	ALL	672353.7	4342925.52	1.78E-08
282	ALL	672575	4342925.52	2.10E-08
283	ALL	668148.8	4343090.48	2.68E-08
284	ALL	668370.1	4343090.48	4.36E-08
285	ALL	668591.4	4343090.48	7.96E-08
286	ALL	669476.7	4343090.48	6.52E-08
287	ALL	669698	4343090.48	4.18E-08
288	ALL	669919.3	4343090.48	4.04E-08
289	ALL	670140.6	4343090.48	4.50E-08
290	ALL	670361.9	4343090.48	5.92E-08
291	ALL	670583.2	4343090.48	5.97E-08
292	ALL	670804.5	4343090.48	6.33E-08
293	ALL	671025.8	4343090.48	4.37E-08
294	ALL	671247.1	4343090.48	4.47E-08
295	ALL	671468.4	4343090.48	3.71E-08
296	ALL	671689.8	4343090.48	2.91E-08
297	ALL	671911.1	4343090.48	2.11E-08
298	ALL	672132.4	4343090.48	1.55E-08
299	ALL	672353.7	4343090.48	1.15E-08

Unmitigated Cancer Risk

300	ALL	672575	4343090.48	1.12E-08
301	ALL	668148.8	4343255.44	2.63E-08
302	ALL	668370.1	4343255.44	4.74E-08
303	ALL	668591.4	4343255.44	1.16E-07
304	ALL	669476.7	4343255.44	5.92E-08
305	ALL	669698	4343255.44	6.37E-08
306	ALL	669919.3	4343255.44	6.06E-08
307	ALL	670140.6	4343255.44	6.36E-08
308	ALL	670361.9	4343255.44	5.15E-08
309	ALL	670583.2	4343255.44	4.46E-08
310	ALL	670804.5	4343255.44	4.68E-08
311	ALL	671025.8	4343255.44	3.61E-08
312	ALL	671247.1	4343255.44	3.51E-08
313	ALL	671468.4	4343255.44	3.12E-08
314	ALL	671689.8	4343255.44	2.43E-08
315	ALL	671911.1	4343255.44	1.83E-08
316	ALL	672132.4	4343255.44	1.39E-08
317	ALL	672353.7	4343255.44	1.08E-08
318	ALL	672575	4343255.44	8.34E-09
319	ALL	668148.8	4343420.4	2.29E-08
320	ALL	668370.1	4343420.4	4.80E-08
321	ALL	668591.4	4343420.4	1.34E-07
322	ALL	668812.7	4343420.4	3.19E-07
323	ALL	669034	4343420.4	4.05E-07
324	ALL	669255.3	4343420.4	1.73E-07
325	ALL	669476.7	4343420.4	6.68E-08
326	ALL	669698	4343420.4	3.95E-08
327	ALL	669919.3	4343420.4	3.92E-08
328	ALL	670140.6	4343420.4	3.68E-08
329	ALL	670361.9	4343420.4	3.62E-08
330	ALL	670583.2	4343420.4	3.64E-08
331	ALL	670804.5	4343420.4	3.91E-08
332	ALL	671025.8	4343420.4	4.26E-08
333	ALL	671247.1	4343420.4	3.36E-08
334	ALL	671468.4	4343420.4	2.57E-08
335	ALL	671689.8	4343420.4	2.10E-08
336	ALL	671911.1	4343420.4	1.62E-08
337	ALL	672132.4	4343420.4	1.23E-08
338	ALL	672353.7	4343420.4	9.53E-09
339	ALL	672575	4343420.4	7.66E-09
340	ALL	668148.8	4343585.36	1.91E-08
341	ALL	668370.1	4343585.36	3.34E-08
342	ALL	668591.4	4343585.36	8.30E-08
343	ALL	668812.7	4343585.36	1.46E-07
344	ALL	669034	4343585.36	1.52E-07
345	ALL	669255.3	4343585.36	8.81E-08
346	ALL	669476.7	4343585.36	4.34E-08
347	ALL	669698	4343585.36	3.21E-08
348	ALL	669919.3	4343585.36	2.98E-08
349	ALL	670140.6	4343585.36	2.96E-08

Unmitigated Cancer Risk

350	ALL	670361.9	4343585.36	3.01E-08
351	ALL	670583.2	4343585.36	3.12E-08
352	ALL	670804.5	4343585.36	3.31E-08
353	ALL	671025.8	4343585.36	3.46E-08
354	ALL	671247.1	4343585.36	3.00E-08
355	ALL	671468.4	4343585.36	2.37E-08
356	ALL	671689.8	4343585.36	1.97E-08
357	ALL	671911.1	4343585.36	1.51E-08
358	ALL	672132.4	4343585.36	1.17E-08
359	ALL	672353.7	4343585.36	8.96E-09
360	ALL	672575	4343585.36	7.30E-09
361	ALL	668148.8	4343750.32	2.10E-08
362	ALL	668370.1	4343750.32	3.04E-08
363	ALL	668591.4	4343750.32	5.75E-08
364	ALL	668812.7	4343750.32	9.09E-08
365	ALL	669034	4343750.32	8.51E-08
366	ALL	669255.3	4343750.32	5.80E-08
367	ALL	669476.7	4343750.32	3.57E-08
368	ALL	669698	4343750.32	2.77E-08
369	ALL	669919.3	4343750.32	2.58E-08
370	ALL	670140.6	4343750.32	2.57E-08
371	ALL	670361.9	4343750.32	2.64E-08
372	ALL	670583.2	4343750.32	2.72E-08
373	ALL	670804.5	4343750.32	2.84E-08
374	ALL	671025.8	4343750.32	2.95E-08
375	ALL	671247.1	4343750.32	3.06E-08
376	ALL	671468.4	4343750.32	2.90E-08
377	ALL	671689.8	4343750.32	2.72E-08
378	ALL	671911.1	4343750.32	1.91E-08
379	ALL	672132.4	4343750.32	1.20E-08
380	ALL	672353.7	4343750.32	8.87E-09
381	ALL	672575	4343750.32	7.24E-09
382	ALL	668148.8	4343915.28	2.28E-08
383	ALL	668370.1	4343915.28	3.02E-08
384	ALL	668591.4	4343915.28	4.53E-08
385	ALL	668812.7	4343915.28	6.23E-08
386	ALL	669034	4343915.28	6.06E-08
387	ALL	669255.3	4343915.28	4.43E-08
388	ALL	669476.7	4343915.28	3.06E-08
389	ALL	669698	4343915.28	2.47E-08
390	ALL	669919.3	4343915.28	2.30E-08
391	ALL	670140.6	4343915.28	2.29E-08
392	ALL	670361.9	4343915.28	2.33E-08
393	ALL	670583.2	4343915.28	2.43E-08
394	ALL	670804.5	4343915.28	2.52E-08
395	ALL	671025.8	4343915.28	2.59E-08
396	ALL	671247.1	4343915.28	2.57E-08
397	ALL	671468.4	4343915.28	2.57E-08
398	ALL	671689.8	4343915.28	2.37E-08
399	ALL	671911.1	4343915.28	1.66E-08

Unmitigated Cancer Risk

400	ALL	672132.4	4343915.28	1.35E-08
401	ALL	672353.7	4343915.28	1.03E-08
402	ALL	672575	4343915.28	7.99E-09
403	ALL	668148.8	4344080.24	2.15E-08
404	ALL	668370.1	4344080.24	2.86E-08
405	ALL	668591.4	4344080.24	3.85E-08
406	ALL	668812.7	4344080.24	4.76E-08
407	ALL	669034	4344080.24	4.65E-08
408	ALL	669255.3	4344080.24	3.62E-08
409	ALL	669476.7	4344080.24	2.73E-08
410	ALL	669698	4344080.24	2.25E-08
411	ALL	669919.3	4344080.24	2.08E-08
412	ALL	670140.6	4344080.24	2.09E-08
413	ALL	670361.9	4344080.24	2.09E-08
414	ALL	670583.2	4344080.24	2.18E-08
415	ALL	670804.5	4344080.24	2.26E-08
416	ALL	671025.8	4344080.24	2.62E-08
417	ALL	671247.1	4344080.24	2.28E-08
418	ALL	671468.4	4344080.24	2.08E-08
419	ALL	671689.8	4344080.24	1.82E-08
420	ALL	671911.1	4344080.24	1.20E-08
421	ALL	672132.4	4344080.24	9.72E-09
422	ALL	672353.7	4344080.24	8.25E-09
423	ALL	672575	4344080.24	6.81E-09
424	ALL	671464.7	4342094.27	2.92E-07
425	ALL	671482.2	4342063.91	3.07E-07
426	ALL	671498.6	4342030.05	3.24E-07
427	ALL	671513.8	4341991.52	3.50E-07
428	ALL	671541.8	4341964.66	3.32E-07
429	ALL	671575.6	4341974	2.59E-07
430	ALL	671460.8	4342162.97	2.35E-07
431	ALL	671451	4342187.35	2.27E-07
432	ALL	671510.7	4342219.66	1.77E-07
433	ALL	671524.1	4342192.84	1.77E-07
434	ALL	671522.9	4342250.74	1.61E-07
435	ALL	671599.1	4342252.57	1.28E-07
436	ALL	671627.8	4342256.84	1.17E-07
437	ALL	671583.9	4342116.03	1.59E-07
438	ALL	671595.5	4342071.54	1.68E-07
439	ALL	671663.1	4342056.3	1.41E-07
440	ALL	671600.9	4342030.09	1.88E-07
441	ALL	671526.6	4342155.65	1.86E-07
442	ALL	671629	4342292.19	1.11E-07
443	ALL	671641.8	4341980.71	1.86E-07
444	ALL	671666.8	4342018.51	1.53E-07
445	ALL	671407.1	4342219.66	2.41E-07
446	ALL	671415.6	4342183.08	2.63E-07
447	ALL	671635.1	4341706.42	4.49E-07
448	ALL	671693.6	4341710.08	3.14E-07
449	ALL	671719.8	4341736.29	2.69E-07

Unmitigated Cancer Risk

450	ALL	671673.5	4341630.23	3.73E-07
451	ALL	671888	4341936.22	9.88E-08
452	ALL	671977.6	4341952.07	6.97E-08
453	ALL	672039.2	4341894.77	5.74E-08
454	ALL	671858.2	4341753.96	1.54E-07
455	ALL	671922.8	4341634.49	1.09E-07
456	ALL	671613.7	4341791.15	4.03E-07
457	ALL	671853.3	4341730.8	1.58E-07
458	ALL	671783.8	4341585.73	1.92E-07
459	ALL	671783.2	4341546.72	1.74E-07
460	ALL	671769.2	4341461.38	1.37E-07
461	ALL	671800.9	4341420.54	1.10E-07
462	ALL	671880.1	4341427.25	8.03E-08
463	ALL	672012.4	4341504.66	4.82E-08
464	ALL	672084.3	4341547.94	4.84E-08
465	ALL	671915.5	4341478.45	7.83E-08
466	ALL	671903.3	4341564.4	1.06E-07
467	ALL	671863.1	4341522.34	1.15E-07
468	ALL	671830.1	4341336.43	8.38E-08
469	ALL	671835.6	4341287.66	7.59E-08
470	ALL	671825.9	4341275.47	7.71E-08
471	ALL	672136.7	4341370.56	2.49E-08
472	ALL	671920.3	4341307.17	4.88E-08
473	ALL	671695.4	4341257.19	7.72E-08
474	ALL	671682	4341176.12	5.25E-08
475	ALL	671991.7	4341196.23	3.94E-08
476	ALL	672022.1	4341231.59	3.38E-08
477	ALL	671992.3	4341177.95	3.30E-08
478	ALL	671540.6	4341238.29	4.21E-08
479	ALL	671575.3	4341177.95	3.29E-08
480	ALL	671454.7	4341196.23	3.59E-08
481	ALL	671523.5	4341116.38	2.74E-08
482	ALL	671413.2	4341126.74	2.89E-08
483	ALL	671471.1	4341064.57	2.41E-08
484	ALL	671601.6	4341050.55	3.24E-08
485	ALL	671198.6	4341253.53	3.53E-08
486	ALL	671278.5	4341212.08	3.29E-08
487	ALL	671230.3	4341132.84	2.46E-08
488	ALL	671073.1	4341271.82	3.95E-08
489	ALL	671122.5	4341373.61	6.17E-08
490	ALL	671118.8	4341397.38	6.85E-08
491	ALL	670978.4	4341324.15	4.92E-08
492	ALL	670932.9	4341394.21	5.82E-08
493	ALL	670935.2	4341367.36	5.54E-08
494	ALL	671108	4340976.17	1.98E-08
495	ALL	671286.7	4340978.51	1.91E-08
496	ALL	671675.4	4342488.78	6.69E-08
497	ALL	671091.4	4342277.23	3.05E-07
498	ALL	671051.8	4342332.07	2.26E-07
499	ALL	671051.8	4342369.2	2.27E-07

Unmitigated Cancer Risk

500	ALL	670953	4342360.76	1.73E-07
501	ALL	670695.7	4342235.89	1.10E-07
502	ALL	670545.5	4342318.58	8.88E-08
503	ALL	670711.7	4342488.16	9.56E-08
504	ALL	670648.3	4342501.73	8.00E-08
505	ALL	670648.3	4342630.87	5.91E-08
506	ALL	670806.3	4342728.41	9.17E-08
507	ALL	670688.2	4342739.41	5.60E-08
508	ALL	670804.9	4342427.55	1.19E-07
509	ALL	670439.5	4342471.51	7.41E-08
510	ALL	670358.4	4342578.67	6.03E-08
511	ALL	670546.6	4342662.47	6.85E-08
512	ALL	670537	4342595.15	6.72E-08
513	ALL	670483.5	4342776.5	6.27E-08
514	ALL	670508.2	4342754.52	6.38E-08
515	ALL	670517.8	4342868.54	6.44E-08
516	ALL	670545.3	4342850.69	6.19E-08
517	ALL	670582.4	4342878.16	6.71E-08
518	ALL	670304.9	4342688.57	5.21E-08
519	ALL	670039.7	4342661.1	5.51E-08
520	ALL	670156.5	4342673.46	4.92E-08
521	ALL	670236.2	4342648.73	5.20E-08
522	ALL	670071.3	4342738.03	4.46E-08
523	ALL	669990.2	4342753.14	4.28E-08
524	ALL	669928.4	4342742.15	4.18E-08
525	ALL	669815.8	4342673.46	4.21E-08
526	ALL	669743	4342655.6	4.11E-08
527	ALL	669791	4342744.9	3.76E-08
528	ALL	669696.3	4342731.16	3.67E-08
529	ALL	669536.9	4342552.57	3.49E-08
530	ALL	671174.9	4342280.21	4.03E-07
531	ALL	671068.4	4342169.93	4.30E-07
532	ALL	670965.7	4342179.44	2.47E-07
533	ALL	670815.5	4342198.45	2.41E-07
534	ALL	670737.6	4342097.68	1.30E-07
535	ALL	670762.3	4342069.16	1.12E-07
536	ALL	670817.4	4342040.64	8.28E-08
537	ALL	670895.4	4342025.43	6.46E-08
538	ALL	670979	4341915.15	4.66E-08
539	ALL	671115.9	4341863.81	4.46E-08
540	ALL	671199.6	4341770.65	6.02E-08
541	ALL	671222.4	4341377.07	5.00E-08
542	ALL	671714.8	4341392.28	4.10E-08
543	ALL	671366.9	4341998.81	4.19E-08
544	ALL	671226.2	4342236.48	5.85E-08
545	ALL	669098.4	4343411.59	6.63E-08
546	ALL	668908.6	4343364.56	2.41E-07
547	ALL	668851.5	4343359.52	3.80E-07
548	ALL	668831.4	4343371.27	3.87E-07
549	ALL	668733.9	4343302.41	2.05E-07

Unmitigated Cancer Risk

550	ALL	668686.9	4343199.95	1.67E-07
551	ALL	668671.8	4343089.09	5.39E-08
552	ALL	668806.2	4343001.74	8.77E-08
553	ALL	668918.7	4343025.26	6.42E-08
554	ALL	669024.5	4342942.95	5.12E-08
555	ALL	669288.2	4342916.08	4.12E-08
556	ALL	669333.6	4342922.8	4.98E-08
557	ALL	669365.5	4342978.23	3.12E-08
558	ALL	669337	4343151.23	3.04E-08
559	ALL	669303.4	4343304.09	4.50E-08
560	ALL	669222.7	4343235.22	5.32E-08
561	ALL	669135.4	4343305.77	6.19E-08

Mitigated Cancer Risk

REC	GRP	X	Y	Risk
1	ALL	668148.8	4340781.04	1.02E-08
2	ALL	668370.1	4340781.04	1.15E-08
3	ALL	668591.4	4340781.04	1.30E-08
4	ALL	668812.7	4340781.04	1.45E-08
5	ALL	669034	4340781.04	1.65E-08
6	ALL	669255.3	4340781.04	1.90E-08
7	ALL	669476.7	4340781.04	2.12E-08
8	ALL	669698	4340781.04	2.43E-08
9	ALL	669919.3	4340781.04	2.97E-08
10	ALL	670140.6	4340781.04	3.41E-08
11	ALL	670361.9	4340781.04	3.44E-08
12	ALL	670583.2	4340781.04	2.65E-08
13	ALL	670804.5	4340781.04	2.28E-08
14	ALL	671025.8	4340781.04	1.68E-08
15	ALL	671247.1	4340781.04	1.52E-08
16	ALL	671468.4	4340781.04	1.80E-08
17	ALL	671689.8	4340781.04	2.25E-08
18	ALL	671911.1	4340781.04	2.07E-08
19	ALL	672132.4	4340781.04	1.26E-08
20	ALL	672353.7	4340781.04	1.81E-08
21	ALL	672575	4340781.04	2.12E-08
22	ALL	668148.8	4340946	9.98E-09
23	ALL	668370.1	4340946	1.11E-08
24	ALL	668591.4	4340946	1.25E-08
25	ALL	668812.7	4340946	1.41E-08
26	ALL	669034	4340946	1.64E-08
27	ALL	669255.3	4340946	1.89E-08
28	ALL	669476.7	4340946	2.15E-08
29	ALL	669698	4340946	2.60E-08
30	ALL	669919.3	4340946	3.40E-08
31	ALL	670140.6	4340946	3.80E-08
32	ALL	670361.9	4340946	4.16E-08
33	ALL	670583.2	4340946	4.12E-08
34	ALL	670804.5	4340946	3.02E-08
35	ALL	671025.8	4340946	2.03E-08
36	ALL	671247.1	4340946	1.67E-08
37	ALL	671468.4	4340946	1.85E-08
38	ALL	671689.8	4340946	2.96E-08
39	ALL	671911.1	4340946	3.22E-08
40	ALL	672132.4	4340946	1.25E-08
41	ALL	672353.7	4340946	1.45E-08
42	ALL	672575	4340946	2.23E-08
43	ALL	668148.8	4341110.96	9.82E-09
44	ALL	668370.1	4341110.96	1.07E-08
45	ALL	668591.4	4341110.96	1.20E-08
46	ALL	668812.7	4341110.96	1.37E-08
47	ALL	669034	4341110.96	1.58E-08
48	ALL	669255.3	4341110.96	1.80E-08
49	ALL	669476.7	4341110.96	2.15E-08

Mitigated Cancer Risk

50	ALL	669698	4341110.96	2.64E-08
51	ALL	669919.3	4341110.96	3.13E-08
52	ALL	670140.6	4341110.96	4.10E-08
53	ALL	670361.9	4341110.96	4.32E-08
54	ALL	670583.2	4341110.96	4.14E-08
55	ALL	670804.5	4341110.96	3.45E-08
56	ALL	671025.8	4341110.96	2.51E-08
57	ALL	671247.1	4341110.96	2.24E-08
58	ALL	671468.4	4341110.96	2.44E-08
59	ALL	671689.8	4341110.96	4.75E-08
60	ALL	671911.1	4341110.96	3.78E-08
61	ALL	672132.4	4341110.96	1.42E-08
62	ALL	672353.7	4341110.96	1.29E-08
63	ALL	672575	4341110.96	2.48E-08
64	ALL	668148.8	4341275.92	9.78E-09
65	ALL	668370.1	4341275.92	1.06E-08
66	ALL	668591.4	4341275.92	1.17E-08
67	ALL	668812.7	4341275.92	1.34E-08
68	ALL	669034	4341275.92	1.57E-08
69	ALL	669255.3	4341275.92	1.79E-08
70	ALL	669476.7	4341275.92	2.08E-08
71	ALL	669698	4341275.92	2.52E-08
72	ALL	669919.3	4341275.92	3.47E-08
73	ALL	670140.6	4341275.92	3.76E-08
74	ALL	670361.9	4341275.92	4.04E-08
75	ALL	670583.2	4341275.92	3.85E-08
76	ALL	670804.5	4341275.92	4.30E-08
77	ALL	671025.8	4341275.92	3.87E-08
78	ALL	671247.1	4341275.92	3.84E-08
79	ALL	671468.4	4341275.92	6.46E-08
80	ALL	671689.8	4341275.92	7.93E-08
81	ALL	671911.1	4341275.92	4.98E-08
82	ALL	672132.4	4341275.92	1.96E-08
83	ALL	672353.7	4341275.92	1.47E-08
84	ALL	672575	4341275.92	2.66E-08
85	ALL	668148.8	4341440.88	1.00E-08
86	ALL	668370.1	4341440.88	1.05E-08
87	ALL	668591.4	4341440.88	1.14E-08
88	ALL	668812.7	4341440.88	1.30E-08
89	ALL	669034	4341440.88	1.51E-08
90	ALL	669255.3	4341440.88	1.70E-08
91	ALL	669476.7	4341440.88	2.00E-08
92	ALL	669698	4341440.88	2.44E-08
93	ALL	669919.3	4341440.88	3.13E-08
94	ALL	670140.6	4341440.88	3.30E-08
95	ALL	670361.9	4341440.88	3.88E-08
96	ALL	670583.2	4341440.88	4.01E-08
97	ALL	670804.5	4341440.88	5.47E-08
98	ALL	671025.8	4341440.88	6.16E-08
99	ALL	671689.8	4341440.88	1.54E-07

Mitigated Cancer Risk

100	ALL	671911.1	4341440.88	6.78E-08
101	ALL	672132.4	4341440.88	2.82E-08
102	ALL	672353.7	4341440.88	2.28E-08
103	ALL	672575	4341440.88	2.98E-08
104	ALL	668148.8	4341605.84	1.02E-08
105	ALL	668370.1	4341605.84	1.05E-08
106	ALL	668591.4	4341605.84	1.14E-08
107	ALL	668812.7	4341605.84	1.28E-08
108	ALL	669034	4341605.84	1.44E-08
109	ALL	669255.3	4341605.84	1.65E-08
110	ALL	669476.7	4341605.84	1.93E-08
111	ALL	669698	4341605.84	2.25E-08
112	ALL	669919.3	4341605.84	2.71E-08
113	ALL	670140.6	4341605.84	3.08E-08
114	ALL	670361.9	4341605.84	3.43E-08
115	ALL	670583.2	4341605.84	4.50E-08
116	ALL	670804.5	4341605.84	6.87E-08
117	ALL	671025.8	4341605.84	8.95E-08
118	ALL	671689.8	4341605.84	3.02E-07
119	ALL	671911.1	4341605.84	1.03E-07
120	ALL	672132.4	4341605.84	4.52E-08
121	ALL	672353.7	4341605.84	3.03E-08
122	ALL	672575	4341605.84	3.24E-08
123	ALL	668148.8	4341770.8	1.14E-08
124	ALL	668370.1	4341770.8	1.08E-08
125	ALL	668591.4	4341770.8	1.16E-08
126	ALL	668812.7	4341770.8	1.28E-08
127	ALL	669034	4341770.8	1.45E-08
128	ALL	669255.3	4341770.8	1.67E-08
129	ALL	669476.7	4341770.8	1.87E-08
130	ALL	669698	4341770.8	2.33E-08
131	ALL	669919.3	4341770.8	2.38E-08
132	ALL	670140.6	4341770.8	2.49E-08
133	ALL	670361.9	4341770.8	2.67E-08
134	ALL	670583.2	4341770.8	4.87E-08
135	ALL	670804.5	4341770.8	1.03E-07
136	ALL	671025.8	4341770.8	1.79E-07
137	ALL	671689.8	4341770.8	2.41E-07
138	ALL	671911.1	4341770.8	1.05E-07
139	ALL	672132.4	4341770.8	4.08E-08
140	ALL	672353.7	4341770.8	2.47E-08
141	ALL	672575	4341770.8	3.22E-08
142	ALL	668148.8	4341935.76	1.31E-08
143	ALL	668370.1	4341935.76	1.24E-08
144	ALL	668591.4	4341935.76	1.20E-08
145	ALL	668812.7	4341935.76	1.29E-08
146	ALL	669034	4341935.76	1.47E-08
147	ALL	669255.3	4341935.76	1.65E-08
148	ALL	669476.7	4341935.76	2.04E-08
149	ALL	669698	4341935.76	1.91E-08

Mitigated Cancer Risk

150	ALL	669919.3	4341935.76	1.66E-08
151	ALL	670140.6	4341935.76	1.89E-08
152	ALL	670361.9	4341935.76	2.46E-08
153	ALL	670583.2	4341935.76	5.25E-08
154	ALL	670804.5	4341935.76	1.13E-07
155	ALL	671468.4	4341935.76	5.34E-07
156	ALL	671689.8	4341935.76	1.54E-07
157	ALL	671911.1	4341935.76	7.97E-08
158	ALL	672132.4	4341935.76	3.60E-08
159	ALL	672353.7	4341935.76	2.20E-08
160	ALL	672575	4341935.76	3.09E-08
161	ALL	668148.8	4342100.72	1.51E-08
162	ALL	668370.1	4342100.72	1.33E-08
163	ALL	668591.4	4342100.72	1.26E-08
164	ALL	668812.7	4342100.72	1.34E-08
165	ALL	669034	4342100.72	1.52E-08
166	ALL	669255.3	4342100.72	1.70E-08
167	ALL	669476.7	4342100.72	2.04E-08
168	ALL	669698	4342100.72	2.21E-08
169	ALL	669919.3	4342100.72	2.40E-08
170	ALL	670140.6	4342100.72	2.34E-08
171	ALL	670361.9	4342100.72	4.28E-08
172	ALL	670583.2	4342100.72	5.99E-08
173	ALL	671468.4	4342100.72	2.35E-07
174	ALL	671689.8	4342100.72	1.04E-07
175	ALL	671911.1	4342100.72	6.22E-08
176	ALL	672132.4	4342100.72	3.51E-08
177	ALL	672353.7	4342100.72	2.18E-08
178	ALL	672575	4342100.72	2.92E-08
179	ALL	668148.8	4342265.68	1.78E-08
180	ALL	668370.1	4342265.68	1.56E-08
181	ALL	668591.4	4342265.68	1.57E-08
182	ALL	668812.7	4342265.68	1.50E-08
183	ALL	669034	4342265.68	1.61E-08
184	ALL	669255.3	4342265.68	1.79E-08
185	ALL	669476.7	4342265.68	2.00E-08
186	ALL	669698	4342265.68	2.28E-08
187	ALL	669919.3	4342265.68	2.68E-08
188	ALL	670140.6	4342265.68	3.26E-08
189	ALL	670361.9	4342265.68	4.35E-08
190	ALL	670583.2	4342265.68	6.61E-08
191	ALL	670804.5	4342265.68	1.06E-07
192	ALL	671025.8	4342265.68	2.05E-07
193	ALL	671247.1	4342265.68	2.93E-07
194	ALL	671468.4	4342265.68	1.57E-07
195	ALL	671689.8	4342265.68	8.38E-08
196	ALL	671911.1	4342265.68	4.86E-08
197	ALL	672132.4	4342265.68	3.73E-08
198	ALL	672353.7	4342265.68	2.70E-08
199	ALL	672575	4342265.68	2.74E-08

Mitigated Cancer Risk

200	ALL	668148.8	4342430.64	1.96E-08
201	ALL	668370.1	4342430.64	2.23E-08
202	ALL	668591.4	4342430.64	2.23E-08
203	ALL	668812.7	4342430.64	2.17E-08
204	ALL	669034	4342430.64	2.08E-08
205	ALL	669255.3	4342430.64	2.04E-08
206	ALL	669476.7	4342430.64	2.13E-08
207	ALL	669698	4342430.64	2.36E-08
208	ALL	669919.3	4342430.64	2.77E-08
209	ALL	670140.6	4342430.64	3.46E-08
210	ALL	670361.9	4342430.64	4.99E-08
211	ALL	670583.2	4342430.64	6.42E-08
212	ALL	670804.5	4342430.64	1.04E-07
213	ALL	671025.8	4342430.64	1.94E-07
214	ALL	671247.1	4342430.64	1.37E-07
215	ALL	671468.4	4342430.64	1.04E-07
216	ALL	671689.8	4342430.64	6.35E-08
217	ALL	671911.1	4342430.64	3.96E-08
218	ALL	672132.4	4342430.64	3.29E-08
219	ALL	672353.7	4342430.64	3.11E-08
220	ALL	672575	4342430.64	2.55E-08
221	ALL	668148.8	4342595.6	2.28E-08
222	ALL	668370.1	4342595.6	2.74E-08
223	ALL	668591.4	4342595.6	3.03E-08
224	ALL	668812.7	4342595.6	3.10E-08
225	ALL	669034	4342595.6	2.82E-08
226	ALL	669255.3	4342595.6	2.51E-08
227	ALL	669476.7	4342595.6	2.61E-08
228	ALL	669698	4342595.6	3.05E-08
229	ALL	669919.3	4342595.6	3.31E-08
230	ALL	670140.6	4342595.6	3.98E-08
231	ALL	670361.9	4342595.6	4.78E-08
232	ALL	670583.2	4342595.6	5.83E-08
233	ALL	670804.5	4342595.6	9.45E-08
234	ALL	671025.8	4342595.6	1.41E-07
235	ALL	671247.1	4342595.6	1.11E-07
236	ALL	671468.4	4342595.6	7.11E-08
237	ALL	671689.8	4342595.6	4.60E-08
238	ALL	671911.1	4342595.6	2.96E-08
239	ALL	672132.4	4342595.6	2.45E-08
240	ALL	672353.7	4342595.6	2.83E-08
241	ALL	672575	4342595.6	2.32E-08
242	ALL	668148.8	4342760.56	2.66E-08
243	ALL	668370.1	4342760.56	3.63E-08
244	ALL	668591.4	4342760.56	4.42E-08
245	ALL	668812.7	4342760.56	4.96E-08
246	ALL	669034	4342760.56	3.93E-08
247	ALL	669255.3	4342760.56	3.29E-08
248	ALL	669476.7	4342760.56	3.50E-08
249	ALL	669698	4342760.56	2.96E-08

Mitigated Cancer Risk

250	ALL	669919.3	4342760.56	3.24E-08
251	ALL	670140.6	4342760.56	4.10E-08
252	ALL	670361.9	4342760.56	5.39E-08
253	ALL	670583.2	4342760.56	5.50E-08
254	ALL	670804.5	4342760.56	8.86E-08
255	ALL	671025.8	4342760.56	8.65E-08
256	ALL	671247.1	4342760.56	6.68E-08
257	ALL	671468.4	4342760.56	5.36E-08
258	ALL	671689.8	4342760.56	3.89E-08
259	ALL	671911.1	4342760.56	2.45E-08
260	ALL	672132.4	4342760.56	1.96E-08
261	ALL	672353.7	4342760.56	2.54E-08
262	ALL	672575	4342760.56	2.13E-08
263	ALL	668148.8	4342925.52	2.77E-08
264	ALL	668370.1	4342925.52	4.22E-08
265	ALL	668591.4	4342925.52	5.96E-08
266	ALL	668812.7	4342925.52	8.53E-08
267	ALL	669034	4342925.52	1.14E-07
268	ALL	669476.7	4342925.52	4.71E-08
269	ALL	669698	4342925.52	3.39E-08
270	ALL	669919.3	4342925.52	3.54E-08
271	ALL	670140.6	4342925.52	4.30E-08
272	ALL	670361.9	4342925.52	5.11E-08
273	ALL	670583.2	4342925.52	7.66E-08
274	ALL	670804.5	4342925.52	7.92E-08
275	ALL	671025.8	4342925.52	4.95E-08
276	ALL	671247.1	4342925.52	5.08E-08
277	ALL	671468.4	4342925.52	4.02E-08
278	ALL	671689.8	4342925.52	3.14E-08
279	ALL	671911.1	4342925.52	2.14E-08
280	ALL	672132.4	4342925.52	1.51E-08
281	ALL	672353.7	4342925.52	1.60E-08
282	ALL	672575	4342925.52	1.94E-08
283	ALL	668148.8	4343090.48	2.63E-08
284	ALL	668370.1	4343090.48	4.31E-08
285	ALL	668591.4	4343090.48	7.90E-08
286	ALL	669476.7	4343090.48	6.09E-08
287	ALL	669698	4343090.48	3.83E-08
288	ALL	669919.3	4343090.48	3.68E-08
289	ALL	670140.6	4343090.48	4.11E-08
290	ALL	670361.9	4343090.48	5.54E-08
291	ALL	670583.2	4343090.48	5.56E-08
292	ALL	670804.5	4343090.48	5.83E-08
293	ALL	671025.8	4343090.48	3.87E-08
294	ALL	671247.1	4343090.48	3.92E-08
295	ALL	671468.4	4343090.48	3.24E-08
296	ALL	671689.8	4343090.48	2.56E-08
297	ALL	671911.1	4343090.48	1.86E-08
298	ALL	672132.4	4343090.48	1.37E-08
299	ALL	672353.7	4343090.48	1.02E-08

Mitigated Cancer Risk

300	ALL	672575	4343090.48	1.01E-08
301	ALL	668148.8	4343255.44	2.58E-08
302	ALL	668370.1	4343255.44	4.69E-08
303	ALL	668591.4	4343255.44	1.15E-07
304	ALL	669476.7	4343255.44	5.63E-08
305	ALL	669698	4343255.44	6.10E-08
306	ALL	669919.3	4343255.44	5.78E-08
307	ALL	670140.6	4343255.44	6.07E-08
308	ALL	670361.9	4343255.44	4.84E-08
309	ALL	670583.2	4343255.44	4.12E-08
310	ALL	670804.5	4343255.44	4.28E-08
311	ALL	671025.8	4343255.44	3.21E-08
312	ALL	671247.1	4343255.44	3.09E-08
313	ALL	671468.4	4343255.44	2.74E-08
314	ALL	671689.8	4343255.44	2.13E-08
315	ALL	671911.1	4343255.44	1.62E-08
316	ALL	672132.4	4343255.44	1.23E-08
317	ALL	672353.7	4343255.44	9.59E-09
318	ALL	672575	4343255.44	7.42E-09
319	ALL	668148.8	4343420.4	2.25E-08
320	ALL	668370.1	4343420.4	4.75E-08
321	ALL	668591.4	4343420.4	1.33E-07
322	ALL	668812.7	4343420.4	3.18E-07
323	ALL	669034	4343420.4	4.04E-07
324	ALL	669255.3	4343420.4	1.72E-07
325	ALL	669476.7	4343420.4	6.48E-08
326	ALL	669698	4343420.4	3.73E-08
327	ALL	669919.3	4343420.4	3.69E-08
328	ALL	670140.6	4343420.4	3.44E-08
329	ALL	670361.9	4343420.4	3.35E-08
330	ALL	670583.2	4343420.4	3.34E-08
331	ALL	670804.5	4343420.4	3.57E-08
332	ALL	671025.8	4343420.4	3.90E-08
333	ALL	671247.1	4343420.4	3.00E-08
334	ALL	671468.4	4343420.4	2.26E-08
335	ALL	671689.8	4343420.4	1.85E-08
336	ALL	671911.1	4343420.4	1.43E-08
337	ALL	672132.4	4343420.4	1.09E-08
338	ALL	672353.7	4343420.4	8.47E-09
339	ALL	672575	4343420.4	6.82E-09
340	ALL	668148.8	4343585.36	1.86E-08
341	ALL	668370.1	4343585.36	3.28E-08
342	ALL	668591.4	4343585.36	8.24E-08
343	ALL	668812.7	4343585.36	1.45E-07
344	ALL	669034	4343585.36	1.51E-07
345	ALL	669255.3	4343585.36	8.67E-08
346	ALL	669476.7	4343585.36	4.17E-08
347	ALL	669698	4343585.36	3.03E-08
348	ALL	669919.3	4343585.36	2.79E-08
349	ALL	670140.6	4343585.36	2.75E-08

Mitigated Cancer Risk

350	ALL	670361.9	4343585.36	2.78E-08
351	ALL	670583.2	4343585.36	2.86E-08
352	ALL	670804.5	4343585.36	3.03E-08
353	ALL	671025.8	4343585.36	3.15E-08
354	ALL	671247.1	4343585.36	2.70E-08
355	ALL	671468.4	4343585.36	2.11E-08
356	ALL	671689.8	4343585.36	1.75E-08
357	ALL	671911.1	4343585.36	1.34E-08
358	ALL	672132.4	4343585.36	1.04E-08
359	ALL	672353.7	4343585.36	7.98E-09
360	ALL	672575	4343585.36	6.52E-09
361	ALL	668148.8	4343750.32	2.05E-08
362	ALL	668370.1	4343750.32	2.99E-08
363	ALL	668591.4	4343750.32	5.69E-08
364	ALL	668812.7	4343750.32	9.02E-08
365	ALL	669034	4343750.32	8.42E-08
366	ALL	669255.3	4343750.32	5.67E-08
367	ALL	669476.7	4343750.32	3.43E-08
368	ALL	669698	4343750.32	2.61E-08
369	ALL	669919.3	4343750.32	2.41E-08
370	ALL	670140.6	4343750.32	2.38E-08
371	ALL	670361.9	4343750.32	2.44E-08
372	ALL	670583.2	4343750.32	2.49E-08
373	ALL	670804.5	4343750.32	2.60E-08
374	ALL	671025.8	4343750.32	2.69E-08
375	ALL	671247.1	4343750.32	2.80E-08
376	ALL	671468.4	4343750.32	2.65E-08
377	ALL	671689.8	4343750.32	2.50E-08
378	ALL	671911.1	4343750.32	1.74E-08
379	ALL	672132.4	4343750.32	1.08E-08
380	ALL	672353.7	4343750.32	7.93E-09
381	ALL	672575	4343750.32	6.49E-09
382	ALL	668148.8	4343915.28	2.23E-08
383	ALL	668370.1	4343915.28	2.97E-08
384	ALL	668591.4	4343915.28	4.46E-08
385	ALL	668812.7	4343915.28	6.16E-08
386	ALL	669034	4343915.28	5.97E-08
387	ALL	669255.3	4343915.28	4.32E-08
388	ALL	669476.7	4343915.28	2.93E-08
389	ALL	669698	4343915.28	2.33E-08
390	ALL	669919.3	4343915.28	2.15E-08
391	ALL	670140.6	4343915.28	2.13E-08
392	ALL	670361.9	4343915.28	2.15E-08
393	ALL	670583.2	4343915.28	2.23E-08
394	ALL	670804.5	4343915.28	2.31E-08
395	ALL	671025.8	4343915.28	2.36E-08
396	ALL	671247.1	4343915.28	2.34E-08
397	ALL	671468.4	4343915.28	2.36E-08
398	ALL	671689.8	4343915.28	2.18E-08
399	ALL	671911.1	4343915.28	1.51E-08

Mitigated Cancer Risk

400	ALL	672132.4	4343915.28	1.23E-08
401	ALL	672353.7	4343915.28	9.30E-09
402	ALL	672575	4343915.28	7.23E-09
403	ALL	668148.8	4344080.24	2.11E-08
404	ALL	668370.1	4344080.24	2.81E-08
405	ALL	668591.4	4344080.24	3.79E-08
406	ALL	668812.7	4344080.24	4.69E-08
407	ALL	669034	4344080.24	4.56E-08
408	ALL	669255.3	4344080.24	3.52E-08
409	ALL	669476.7	4344080.24	2.61E-08
410	ALL	669698	4344080.24	2.12E-08
411	ALL	669919.3	4344080.24	1.94E-08
412	ALL	670140.6	4344080.24	1.94E-08
413	ALL	670361.9	4344080.24	1.93E-08
414	ALL	670583.2	4344080.24	2.00E-08
415	ALL	670804.5	4344080.24	2.07E-08
416	ALL	671025.8	4344080.24	2.43E-08
417	ALL	671247.1	4344080.24	2.08E-08
418	ALL	671468.4	4344080.24	1.89E-08
419	ALL	671689.8	4344080.24	1.66E-08
420	ALL	671911.1	4344080.24	1.08E-08
421	ALL	672132.4	4344080.24	8.71E-09
422	ALL	672353.7	4344080.24	7.41E-09
423	ALL	672575	4344080.24	6.13E-09
424	ALL	671464.7	4342094.27	2.47E-07
425	ALL	671482.2	4342063.91	2.60E-07
426	ALL	671498.6	4342030.05	2.74E-07
427	ALL	671513.8	4341991.52	2.98E-07
428	ALL	671541.8	4341964.66	2.83E-07
429	ALL	671575.6	4341974	2.20E-07
430	ALL	671460.8	4342162.97	1.99E-07
431	ALL	671451	4342187.35	1.92E-07
432	ALL	671510.7	4342219.66	1.51E-07
433	ALL	671524.1	4342192.84	1.51E-07
434	ALL	671522.9	4342250.74	1.38E-07
435	ALL	671599.1	4342252.57	1.10E-07
436	ALL	671627.8	4342256.84	1.01E-07
437	ALL	671583.9	4342116.03	1.36E-07
438	ALL	671595.5	4342071.54	1.43E-07
439	ALL	671663.1	4342056.3	1.21E-07
440	ALL	671600.9	4342030.09	1.60E-07
441	ALL	671526.6	4342155.65	1.59E-07
442	ALL	671629	4342292.19	9.56E-08
443	ALL	671641.8	4341980.71	1.58E-07
444	ALL	671666.8	4342018.51	1.31E-07
445	ALL	671407.1	4342219.66	2.02E-07
446	ALL	671415.6	4342183.08	2.21E-07
447	ALL	671635.1	4341706.42	4.06E-07
448	ALL	671693.6	4341710.08	2.86E-07
449	ALL	671719.8	4341736.29	2.43E-07

Mitigated Cancer Risk

450	ALL	671673.5	4341630.23	3.45E-07
451	ALL	671888	4341936.22	8.69E-08
452	ALL	671977.6	4341952.07	6.12E-08
453	ALL	672039.2	4341894.77	5.05E-08
454	ALL	671858.2	4341753.96	1.40E-07
455	ALL	671922.8	4341634.49	1.01E-07
456	ALL	671613.7	4341791.15	3.54E-07
457	ALL	671853.3	4341730.8	1.44E-07
458	ALL	671783.8	4341585.73	1.78E-07
459	ALL	671783.2	4341546.72	1.62E-07
460	ALL	671769.2	4341461.38	1.27E-07
461	ALL	671800.9	4341420.54	1.03E-07
462	ALL	671880.1	4341427.25	7.53E-08
463	ALL	672012.4	4341504.66	4.43E-08
464	ALL	672084.3	4341547.94	4.43E-08
465	ALL	671915.5	4341478.45	7.32E-08
466	ALL	671903.3	4341564.4	9.82E-08
467	ALL	671863.1	4341522.34	1.07E-07
468	ALL	671830.1	4341336.43	7.84E-08
469	ALL	671835.6	4341287.66	7.12E-08
470	ALL	671825.9	4341275.47	7.24E-08
471	ALL	672136.7	4341370.56	2.29E-08
472	ALL	671920.3	4341307.17	4.55E-08
473	ALL	671695.4	4341257.19	7.29E-08
474	ALL	671682	4341176.12	4.95E-08
475	ALL	671991.7	4341196.23	3.69E-08
476	ALL	672022.1	4341231.59	3.15E-08
477	ALL	671992.3	4341177.95	3.07E-08
478	ALL	671540.6	4341238.29	3.91E-08
479	ALL	671575.3	4341177.95	3.06E-08
480	ALL	671454.7	4341196.23	3.32E-08
481	ALL	671523.5	4341116.38	2.54E-08
482	ALL	671413.2	4341126.74	2.68E-08
483	ALL	671471.1	4341064.57	2.24E-08
484	ALL	671601.6	4341050.55	3.04E-08
485	ALL	671198.6	4341253.53	3.25E-08
486	ALL	671278.5	4341212.08	3.03E-08
487	ALL	671230.3	4341132.84	2.26E-08
488	ALL	671073.1	4341271.82	3.67E-08
489	ALL	671122.5	4341373.61	5.74E-08
490	ALL	671118.8	4341397.38	6.37E-08
491	ALL	670978.4	4341324.15	4.57E-08
492	ALL	670932.9	4341394.21	5.37E-08
493	ALL	670935.2	4341367.36	5.12E-08
494	ALL	671108	4340976.17	1.84E-08
495	ALL	671286.7	4340978.51	1.76E-08
496	ALL	671675.4	4342488.78	5.82E-08
497	ALL	671091.4	4342277.23	2.64E-07
498	ALL	671051.8	4342332.07	1.96E-07
499	ALL	671051.8	4342369.2	2.00E-07

Mitigated Cancer Risk

500	ALL	670953	4342360.76	1.51E-07
501	ALL	670695.7	4342235.89	8.31E-08
502	ALL	670545.5	4342318.58	6.27E-08
503	ALL	670711.7	4342488.16	8.55E-08
504	ALL	670648.3	4342501.73	7.11E-08
505	ALL	670648.3	4342630.87	5.27E-08
506	ALL	670806.3	4342728.41	8.40E-08
507	ALL	670688.2	4342739.41	5.01E-08
508	ALL	670804.9	4342427.55	1.05E-07
509	ALL	670439.5	4342471.51	5.39E-08
510	ALL	670358.4	4342578.67	4.76E-08
511	ALL	670546.6	4342662.47	6.16E-08
512	ALL	670537	4342595.15	5.97E-08
513	ALL	670483.5	4342776.5	5.69E-08
514	ALL	670508.2	4342754.52	5.78E-08
515	ALL	670517.8	4342868.54	5.90E-08
516	ALL	670545.3	4342850.69	5.65E-08
517	ALL	670582.4	4342878.16	6.16E-08
518	ALL	670304.9	4342688.57	4.40E-08
519	ALL	670039.7	4342661.1	3.63E-08
520	ALL	670156.5	4342673.46	3.85E-08
521	ALL	670236.2	4342648.73	4.15E-08
522	ALL	670071.3	4342738.03	3.62E-08
523	ALL	669990.2	4342753.14	3.41E-08
524	ALL	669928.4	4342742.15	3.25E-08
525	ALL	669815.8	4342673.46	3.04E-08
526	ALL	669743	4342655.6	2.93E-08
527	ALL	669791	4342744.9	3.01E-08
528	ALL	669696.3	4342731.16	2.91E-08
529	ALL	669536.9	4342552.57	2.52E-08
530	ALL	671174.9	4342280.21	4.02E-07
531	ALL	671068.4	4342169.93	4.29E-07
532	ALL	670965.7	4342179.44	2.45E-07
533	ALL	670815.5	4342198.45	2.39E-07
534	ALL	670737.6	4342097.68	1.27E-07
535	ALL	670762.3	4342069.16	1.10E-07
536	ALL	670817.4	4342040.64	8.09E-08
537	ALL	670895.4	4342025.43	6.26E-08
538	ALL	670979	4341915.15	4.43E-08
539	ALL	671115.9	4341863.81	4.23E-08
540	ALL	671199.6	4341770.65	5.78E-08
541	ALL	671222.4	4341377.07	4.71E-08
542	ALL	671714.8	4341392.28	3.77E-08
543	ALL	671366.9	4341998.81	3.86E-08
544	ALL	671226.2	4342236.48	5.57E-08
545	ALL	669098.4	4343411.59	6.35E-08
546	ALL	668908.6	4343364.56	2.40E-07
547	ALL	668851.5	4343359.52	3.79E-07
548	ALL	668831.4	4343371.27	3.86E-07
549	ALL	668733.9	4343302.41	2.05E-07

Mitigated Cancer Risk

550	ALL	668686.9	4343199.95	1.66E-07
551	ALL	668671.8	4343089.09	5.33E-08
552	ALL	668806.2	4343001.74	8.71E-08
553	ALL	668918.7	4343025.26	6.36E-08
554	ALL	669024.5	4342942.95	4.51E-08
555	ALL	669288.2	4342916.08	3.17E-08
556	ALL	669333.6	4342922.8	3.59E-08
557	ALL	669365.5	4342978.23	2.67E-08
558	ALL	669337	4343151.23	2.68E-08
559	ALL	669303.4	4343304.09	4.05E-08
560	ALL	669222.7	4343235.22	4.81E-08
561	ALL	669135.4	4343305.77	5.68E-08

Unmitigated Chronic Risk

REC	GRP	X	Y	MAXHI
1	ALL	668148.8	4340781	3.89E-02
2	ALL	668370.1	4340781	4.33E-02
3	ALL	668591.4	4340781	4.76E-02
4	ALL	668812.7	4340781	5.12E-02
5	ALL	669034	4340781	5.67E-02
6	ALL	669255.3	4340781	6.33E-02
7	ALL	669476.7	4340781	7.00E-02
8	ALL	669698	4340781	7.86E-02
9	ALL	669919.3	4340781	9.73E-02
10	ALL	670140.6	4340781	1.13E-01
11	ALL	670361.9	4340781	1.10E-01
12	ALL	670583.2	4340781	7.70E-02
13	ALL	670804.5	4340781	7.62E-02
14	ALL	671025.8	4340781	6.23E-02
15	ALL	671247.1	4340781	6.27E-02
16	ALL	671468.4	4340781	8.55E-02
17	ALL	671689.8	4340781	1.26E-01
18	ALL	671911.1	4340781	1.20E-01
19	ALL	672132.4	4340781	6.19E-02
20	ALL	672353.7	4340781	1.14E-01
21	ALL	672575	4340781	1.46E-01
22	ALL	668148.8	4340946	3.83E-02
23	ALL	668370.1	4340946	4.28E-02
24	ALL	668591.4	4340946	4.70E-02
25	ALL	668812.7	4340946	5.13E-02
26	ALL	669034	4340946	5.86E-02
27	ALL	669255.3	4340946	6.48E-02
28	ALL	669476.7	4340946	7.18E-02
29	ALL	669698	4340946	8.29E-02
30	ALL	669919.3	4340946	1.15E-01
31	ALL	670140.6	4340946	1.21E-01
32	ALL	670361.9	4340946	1.28E-01
33	ALL	670583.2	4340946	1.22E-01
34	ALL	670804.5	4340946	8.00E-02
35	ALL	671025.8	4340946	6.10E-02
36	ALL	671247.1	4340946	6.09E-02
37	ALL	671468.4	4340946	7.68E-02
38	ALL	671689.8	4340946	1.60E-01
39	ALL	671911.1	4340946	1.89E-01
40	ALL	672132.4	4340946	5.68E-02
41	ALL	672353.7	4340946	7.65E-02
42	ALL	672575	4340946	1.42E-01
43	ALL	668148.8	4341111	3.88E-02
44	ALL	668370.1	4341111	4.18E-02
45	ALL	668591.4	4341111	4.75E-02
46	ALL	668812.7	4341111	5.25E-02
47	ALL	669034	4341111	5.88E-02
48	ALL	669255.3	4341111	6.43E-02
49	ALL	669476.7	4341111	7.42E-02

Unmitigated Chronic Risk

50	ALL	669698	4341111	8.55E-02
51	ALL	669919.3	4341111	9.84E-02
52	ALL	670140.6	4341111	1.31E-01
53	ALL	670361.9	4341111	1.21E-01
54	ALL	670583.2	4341111	8.80E-02
55	ALL	670804.5	4341111	6.59E-02
56	ALL	671025.8	4341111	5.74E-02
57	ALL	671247.1	4341111	7.00E-02
58	ALL	671468.4	4341111	8.99E-02
59	ALL	671689.8	4341111	2.59E-01
60	ALL	671911.1	4341111	2.05E-01
61	ALL	672132.4	4341111	5.48E-02
62	ALL	672353.7	4341111	5.01E-02
63	ALL	672575	4341111	1.45E-01
64	ALL	668148.8	4341276	3.97E-02
65	ALL	668370.1	4341276	4.32E-02
66	ALL	668591.4	4341276	4.83E-02
67	ALL	668812.7	4341276	5.44E-02
68	ALL	669034	4341276	6.09E-02
69	ALL	669255.3	4341276	6.78E-02
70	ALL	669476.7	4341276	7.59E-02
71	ALL	669698	4341276	8.70E-02
72	ALL	669919.3	4341276	1.22E-01
73	ALL	670140.6	4341276	1.07E-01
74	ALL	670361.9	4341276	9.20E-02
75	ALL	670583.2	4341276	6.38E-02
76	ALL	670804.5	4341276	6.51E-02
77	ALL	671025.8	4341276	6.46E-02
78	ALL	671247.1	4341276	9.40E-02
79	ALL	671468.4	4341276	2.55E-01
80	ALL	671689.8	4341276	4.02E-01
81	ALL	671911.1	4341276	2.48E-01
82	ALL	672132.4	4341276	5.95E-02
83	ALL	672353.7	4341276	4.32E-02
84	ALL	672575	4341276	1.40E-01
85	ALL	668148.8	4341441	4.03E-02
86	ALL	668370.1	4341441	4.42E-02
87	ALL	668591.4	4341441	4.89E-02
88	ALL	668812.7	4341441	5.51E-02
89	ALL	669034	4341441	6.16E-02
90	ALL	669255.3	4341441	6.81E-02
91	ALL	669476.7	4341441	7.72E-02
92	ALL	669698	4341441	8.97E-02
93	ALL	669919.3	4341441	1.21E-01
94	ALL	670140.6	4341441	9.23E-02
95	ALL	670361.9	4341441	7.82E-02
96	ALL	670583.2	4341441	6.41E-02
97	ALL	670804.5	4341441	8.06E-02
98	ALL	671025.8	4341441	8.27E-02
99	ALL	671689.8	4341441	4.95E-01

100	ALL	671911.1	4341441	2.40E-01
101	ALL	672132.4	4341441	6.42E-02
102	ALL	672353.7	4341441	6.38E-02
103	ALL	672575	4341441	1.16E-01
104	ALL	668148.8	4341606	4.20E-02
105	ALL	668370.1	4341606	4.55E-02
106	ALL	668591.4	4341606	5.01E-02
107	ALL	668812.7	4341606	5.55E-02
108	ALL	669034	4341606	6.16E-02
109	ALL	669255.3	4341606	6.91E-02
110	ALL	669476.7	4341606	7.86E-02
111	ALL	669698	4341606	9.01E-02
112	ALL	669919.3	4341606	1.14E-01
113	ALL	670140.6	4341606	1.03E-01
114	ALL	670361.9	4341606	7.27E-02
115	ALL	670583.2	4341606	7.25E-02
116	ALL	670804.5	4341606	1.18E-01
117	ALL	671025.8	4341606	1.11E-01
118	ALL	671689.8	4341606	5.82E-01
119	ALL	671911.1	4341606	2.86E-01
120	ALL	672132.4	4341606	1.05E-01
121	ALL	672353.7	4341606	8.38E-02
122	ALL	672575	4341606	1.19E-01
123	ALL	668148.8	4341771	4.24E-02
124	ALL	668370.1	4341771	4.65E-02
125	ALL	668591.4	4341771	4.99E-02
126	ALL	668812.7	4341771	5.55E-02
127	ALL	669034	4341771	6.26E-02
128	ALL	669255.3	4341771	7.10E-02
129	ALL	669476.7	4341771	8.02E-02
130	ALL	669698	4341771	1.14E-01
131	ALL	669919.3	4341771	1.06E-01
132	ALL	670140.6	4341771	8.86E-02
133	ALL	670361.9	4341771	6.50E-02
134	ALL	670583.2	4341771	9.87E-02
135	ALL	670804.5	4341771	2.76E-01
136	ALL	671025.8	4341771	4.47E-01
137	ALL	671689.8	4341771	3.65E-01
138	ALL	671911.1	4341771	2.61E-01
139	ALL	672132.4	4341771	7.25E-02
140	ALL	672353.7	4341771	4.81E-02
141	ALL	672575	4341771	1.15E-01
142	ALL	668148.8	4341936	4.24E-02
143	ALL	668370.1	4341936	4.58E-02
144	ALL	668591.4	4341936	5.03E-02
145	ALL	668812.7	4341936	5.63E-02
146	ALL	669034	4341936	6.37E-02
147	ALL	669255.3	4341936	7.18E-02
148	ALL	669476.7	4341936	1.05E-01
149	ALL	669698	4341936	9.17E-02

150	ALL	669919.3	4341936	6.44E-02
151	ALL	670140.6	4341936	6.63E-02
152	ALL	670361.9	4341936	7.82E-02
153	ALL	670583.2	4341936	1.94E-01
154	ALL	670804.5	4341936	2.90E-01
155	ALL	671468.4	4341936	4.64E-01
156	ALL	671689.8	4341936	1.91E-01
157	ALL	671911.1	4341936	1.71E-01
158	ALL	672132.4	4341936	6.17E-02
159	ALL	672353.7	4341936	4.05E-02
160	ALL	672575	4341936	1.28E-01
161	ALL	668148.8	4342101	4.46E-02
162	ALL	668370.1	4342101	4.76E-02
163	ALL	668591.4	4342101	5.17E-02
164	ALL	668812.7	4342101	5.71E-02
165	ALL	669034	4342101	6.41E-02
166	ALL	669255.3	4342101	7.22E-02
167	ALL	669476.7	4342101	1.04E-01
168	ALL	669698	4342101	1.14E-01
169	ALL	669919.3	4342101	1.17E-01
170	ALL	670140.6	4342101	9.43E-02
171	ALL	670361.9	4342101	1.85E-01
172	ALL	670583.2	4342101	1.97E-01
173	ALL	671468.4	4342101	2.12E-01
174	ALL	671689.8	4342101	1.25E-01
175	ALL	671911.1	4342101	1.31E-01
176	ALL	672132.4	4342101	7.27E-02
177	ALL	672353.7	4342101	4.52E-02
178	ALL	672575	4342101	1.25E-01
179	ALL	668148.8	4342266	4.71E-02
180	ALL	668370.1	4342266	4.97E-02
181	ALL	668591.4	4342266	5.18E-02
182	ALL	668812.7	4342266	5.56E-02
183	ALL	669034	4342266	6.20E-02
184	ALL	669255.3	4342266	7.13E-02
185	ALL	669476.7	4342266	8.14E-02
186	ALL	669698	4342266	9.47E-02
187	ALL	669919.3	4342266	1.10E-01
188	ALL	670140.6	4342266	1.32E-01
189	ALL	670361.9	4342266	1.60E-01
190	ALL	670583.2	4342266	2.03E-01
191	ALL	670804.5	4342266	3.05E-01
192	ALL	671025.8	4342266	5.17E-01
193	ALL	671247.1	4342266	5.95E-01
194	ALL	671468.4	4342266	1.75E-01
195	ALL	671689.8	4342266	1.23E-01
196	ALL	671911.1	4342266	9.95E-02
197	ALL	672132.4	4342266	1.14E-01
198	ALL	672353.7	4342266	9.15E-02
199	ALL	672575	4342266	1.02E-01

200	ALL	668148.8	4342431	4.63E-02
201	ALL	668370.1	4342431	5.32E-02
202	ALL	668591.4	4342431	5.44E-02
203	ALL	668812.7	4342431	5.70E-02
204	ALL	669034	4342431	6.03E-02
205	ALL	669255.3	4342431	6.60E-02
206	ALL	669476.7	4342431	7.78E-02
207	ALL	669698	4342431	8.86E-02
208	ALL	669919.3	4342431	1.05E-01
209	ALL	670140.6	4342431	1.24E-01
210	ALL	670361.9	4342431	1.54E-01
211	ALL	670583.2	4342431	2.11E-01
212	ALL	670804.5	4342431	3.02E-01
213	ALL	671025.8	4342431	4.93E-01
214	ALL	671247.1	4342431	1.78E-01
215	ALL	671468.4	4342431	1.29E-01
216	ALL	671689.8	4342431	9.50E-02
217	ALL	671911.1	4342431	8.23E-02
218	ALL	672132.4	4342431	1.08E-01
219	ALL	672353.7	4342431	1.11E-01
220	ALL	672575	4342431	9.58E-02
221	ALL	668148.8	4342596	4.91E-02
222	ALL	668370.1	4342596	5.50E-02
223	ALL	668591.4	4342596	6.03E-02
224	ALL	668812.7	4342596	6.38E-02
225	ALL	669034	4342596	6.57E-02
226	ALL	669255.3	4342596	6.92E-02
227	ALL	669476.7	4342596	7.46E-02
228	ALL	669698	4342596	9.05E-02
229	ALL	669919.3	4342596	1.01E-01
230	ALL	670140.6	4342596	1.24E-01
231	ALL	670361.9	4342596	1.56E-01
232	ALL	670583.2	4342596	1.85E-01
233	ALL	670804.5	4342596	3.18E-01
234	ALL	671025.8	4342596	4.00E-01
235	ALL	671247.1	4342596	2.56E-01
236	ALL	671468.4	4342596	9.23E-02
237	ALL	671689.8	4342596	6.33E-02
238	ALL	671911.1	4342596	5.16E-02
239	ALL	672132.4	4342596	6.66E-02
240	ALL	672353.7	4342596	1.18E-01
241	ALL	672575	4342596	8.81E-02
242	ALL	668148.8	4342761	5.24E-02
243	ALL	668370.1	4342761	6.34E-02
244	ALL	668591.4	4342761	7.18E-02
245	ALL	668812.7	4342761	7.96E-02
246	ALL	669034	4342761	7.60E-02
247	ALL	669255.3	4342761	7.69E-02
248	ALL	669476.7	4342761	8.12E-02
249	ALL	669698	4342761	9.30E-02

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250	ALL	669919.3	4342761	1.04E-01
251	ALL	670140.6	4342761	1.58E-01
252	ALL	670361.9	4342761	2.08E-01
253	ALL	670583.2	4342761	1.67E-01
254	ALL	670804.5	4342761	2.37E-01
255	ALL	671025.8	4342761	2.41E-01
256	ALL	671247.1	4342761	1.09E-01
257	ALL	671468.4	4342761	7.70E-02
258	ALL	671689.8	4342761	5.93E-02
259	ALL	671911.1	4342761	4.14E-02
260	ALL	672132.4	4342761	4.66E-02
261	ALL	672353.7	4342761	1.17E-01
262	ALL	672575	4342761	9.59E-02
263	ALL	668148.8	4342926	5.25E-02
264	ALL	668370.1	4342926	6.71E-02
265	ALL	668591.4	4342926	8.41E-02
266	ALL	668812.7	4342926	1.07E-01
267	ALL	669034	4342926	1.32E-01
268	ALL	669476.7	4342926	9.03E-02
269	ALL	669698	4342926	9.22E-02
270	ALL	669919.3	4342926	1.24E-01
271	ALL	670140.6	4342926	1.73E-01
272	ALL	670361.9	4342926	1.97E-01
273	ALL	670583.2	4342926	2.26E-01
274	ALL	670804.5	4342926	2.71E-01
275	ALL	671025.8	4342926	8.88E-02
276	ALL	671247.1	4342926	8.88E-02
277	ALL	671468.4	4342926	5.96E-02
278	ALL	671689.8	4342926	4.98E-02
279	ALL	671911.1	4342926	3.82E-02
280	ALL	672132.4	4342926	3.08E-02
281	ALL	672353.7	4342926	5.48E-02
282	ALL	672575	4342926	9.68E-02
283	ALL	668148.8	4343090	4.88E-02
284	ALL	668370.1	4343090	6.46E-02
285	ALL	668591.4	4343090	9.79E-02
286	ALL	669476.7	4343090	9.73E-02
287	ALL	669698	4343090	8.83E-02
288	ALL	669919.3	4343090	9.70E-02
289	ALL	670140.6	4343090	1.30E-01
290	ALL	670361.9	4343090	1.25E-01
291	ALL	670583.2	4343090	1.37E-01
292	ALL	670804.5	4343090	2.11E-01
293	ALL	671025.8	4343090	7.42E-02
294	ALL	671247.1	4343090	6.98E-02
295	ALL	671468.4	4343090	5.22E-02
296	ALL	671689.8	4343090	4.18E-02
297	ALL	671911.1	4343090	3.36E-02
298	ALL	672132.4	4343090	2.84E-02
299	ALL	672353.7	4343090	2.34E-02

300	ALL	672575	4343090	3.14E-02
301	ALL	668148.8	4343255	4.65E-02
302	ALL	668370.1	4343255	6.16E-02
303	ALL	668591.4	4343255	1.25E-01
304	ALL	669476.7	4343255	9.02E-02
305	ALL	669698	4343255	8.84E-02
306	ALL	669919.3	4343255	9.49E-02
307	ALL	670140.6	4343255	1.05E-01
308	ALL	670361.9	4343255	1.10E-01
309	ALL	670583.2	4343255	1.15E-01
310	ALL	670804.5	4343255	1.30E-01
311	ALL	671025.8	4343255	6.72E-02
312	ALL	671247.1	4343255	5.63E-02
313	ALL	671468.4	4343255	4.94E-02
314	ALL	671689.8	4343255	3.63E-02
315	ALL	671911.1	4343255	2.99E-02
316	ALL	672132.4	4343255	2.62E-02
317	ALL	672353.7	4343255	2.33E-02
318	ALL	672575	4343255	1.92E-02
319	ALL	668148.8	4343420	4.57E-02
320	ALL	668370.1	4343420	6.15E-02
321	ALL	668591.4	4343420	1.21E-01
322	ALL	668812.7	4343420	2.80E-01
323	ALL	669034	4343420	3.59E-01
324	ALL	669255.3	4343420	1.74E-01
325	ALL	669476.7	4343420	8.46E-02
326	ALL	669698	4343420	7.85E-02
327	ALL	669919.3	4343420	8.31E-02
328	ALL	670140.6	4343420	8.67E-02
329	ALL	670361.9	4343420	9.40E-02
330	ALL	670583.2	4343420	9.97E-02
331	ALL	670804.5	4343420	1.13E-01
332	ALL	671025.8	4343420	1.55E-01
333	ALL	671247.1	4343420	7.81E-02
334	ALL	671468.4	4343420	4.22E-02
335	ALL	671689.8	4343420	3.37E-02
336	ALL	671911.1	4343420	2.70E-02
337	ALL	672132.4	4343420	2.32E-02
338	ALL	672353.7	4343420	1.99E-02
339	ALL	672575	4343420	1.77E-02
340	ALL	668148.8	4343585	4.41E-02
341	ALL	668370.1	4343585	5.54E-02
342	ALL	668591.4	4343585	9.57E-02
343	ALL	668812.7	4343585	1.51E-01
344	ALL	669034	4343585	1.59E-01
345	ALL	669255.3	4343585	1.09E-01
346	ALL	669476.7	4343585	7.51E-02
347	ALL	669698	4343585	6.88E-02
348	ALL	669919.3	4343585	7.21E-02
349	ALL	670140.6	4343585	7.78E-02

350	ALL	670361.9	4343585	8.43E-02
351	ALL	670583.2	4343585	8.98E-02
352	ALL	670804.5	4343585	9.78E-02
353	ALL	671025.8	4343585	1.02E-01
354	ALL	671247.1	4343585	8.18E-02
355	ALL	671468.4	4343585	4.83E-02
356	ALL	671689.8	4343585	3.67E-02
357	ALL	671911.1	4343585	2.77E-02
358	ALL	672132.4	4343585	2.36E-02
359	ALL	672353.7	4343585	1.92E-02
360	ALL	672575	4343585	1.75E-02
361	ALL	668148.8	4343750	4.40E-02
362	ALL	668370.1	4343750	5.38E-02
363	ALL	668591.4	4343750	7.76E-02
364	ALL	668812.7	4343750	1.07E-01
365	ALL	669034	4343750	1.06E-01
366	ALL	669255.3	4343750	8.62E-02
367	ALL	669476.7	4343750	6.95E-02
368	ALL	669698	4343750	6.55E-02
369	ALL	669919.3	4343750	6.74E-02
370	ALL	670140.6	4343750	7.18E-02
371	ALL	670361.9	4343750	7.81E-02
372	ALL	670583.2	4343750	8.09E-02
373	ALL	670804.5	4343750	8.53E-02
374	ALL	671025.8	4343750	8.81E-02
375	ALL	671247.1	4343750	1.02E-01
376	ALL	671468.4	4343750	1.03E-01
377	ALL	671689.8	4343750	1.07E-01
378	ALL	671911.1	4343750	6.32E-02
379	ALL	672132.4	4343750	2.78E-02
380	ALL	672353.7	4343750	2.08E-02
381	ALL	672575	4343750	1.86E-02
382	ALL	668148.8	4343915	4.43E-02
383	ALL	668370.1	4343915	5.32E-02
384	ALL	668591.4	4343915	6.78E-02
385	ALL	668812.7	4343915	8.39E-02
386	ALL	669034	4343915	8.52E-02
387	ALL	669255.3	4343915	7.46E-02
388	ALL	669476.7	4343915	6.51E-02
389	ALL	669698	4343915	6.20E-02
390	ALL	669919.3	4343915	6.33E-02
391	ALL	670140.6	4343915	6.76E-02
392	ALL	670361.9	4343915	7.02E-02
393	ALL	670583.2	4343915	7.52E-02
394	ALL	670804.5	4343915	7.76E-02
395	ALL	671025.8	4343915	7.89E-02
396	ALL	671247.1	4343915	7.95E-02
397	ALL	671468.4	4343915	9.75E-02
398	ALL	671689.8	4343915	9.72E-02
399	ALL	671911.1	4343915	5.32E-02

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400	ALL	672132.4	4343915	4.44E-02
401	ALL	672353.7	4343915	3.14E-02
402	ALL	672575	4343915	2.42E-02
403	ALL	668148.8	4344080	4.33E-02
404	ALL	668370.1	4344080	5.08E-02
405	ALL	668591.4	4344080	6.13E-02
406	ALL	668812.7	4344080	7.11E-02
407	ALL	669034	4344080	7.27E-02
408	ALL	669255.3	4344080	6.64E-02
409	ALL	669476.7	4344080	6.05E-02
410	ALL	669698	4344080	5.87E-02
411	ALL	669919.3	4344080	6.00E-02
412	ALL	670140.6	4344080	6.45E-02
413	ALL	670361.9	4344080	6.45E-02
414	ALL	670583.2	4344080	6.90E-02
415	ALL	670804.5	4344080	7.14E-02
416	ALL	671025.8	4344080	1.08E-01
417	ALL	671247.1	4344080	7.28E-02
418	ALL	671468.4	4344080	6.32E-02
419	ALL	671689.8	4344080	6.45E-02
420	ALL	671911.1	4344080	2.72E-02
421	ALL	672132.4	4344080	2.25E-02
422	ALL	672353.7	4344080	2.15E-02
423	ALL	672575	4344080	1.88E-02
424	ALL	671464.7	4342094	2.22E-01
425	ALL	671482.2	4342064	2.34E-01
426	ALL	671498.6	4342030	2.44E-01
427	ALL	671513.8	4341992	2.62E-01
428	ALL	671541.8	4341965	2.52E-01
429	ALL	671575.6	4341974	2.02E-01
430	ALL	671460.8	4342163	1.87E-01
431	ALL	671451	4342187	1.84E-01
432	ALL	671510.7	4342220	1.57E-01
433	ALL	671524.1	4342193	1.53E-01
434	ALL	671522.9	4342251	1.52E-01
435	ALL	671599.1	4342253	1.33E-01
436	ALL	671627.8	4342257	1.30E-01
437	ALL	671583.9	4342116	1.31E-01
438	ALL	671595.5	4342072	1.35E-01
439	ALL	671663.1	4342056	1.30E-01
440	ALL	671600.9	4342030	1.52E-01
441	ALL	671526.6	4342156	1.52E-01
442	ALL	671629	4342292	1.31E-01
443	ALL	671641.8	4341981	1.63E-01
444	ALL	671666.8	4342019	1.42E-01
445	ALL	671407.1	4342220	2.05E-01
446	ALL	671415.6	4342183	2.13E-01
447	ALL	671635.1	4341706	6.03E-01
448	ALL	671693.6	4341710	5.04E-01
449	ALL	671719.8	4341736	4.49E-01

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450	ALL	671673.5	4341630	6.17E-01
451	ALL	671888	4341936	1.89E-01
452	ALL	671977.6	4341952	1.22E-01
453	ALL	672039.2	4341895	9.04E-02
454	ALL	671858.2	4341754	3.23E-01
455	ALL	671922.8	4341634	2.73E-01
456	ALL	671613.7	4341791	3.96E-01
457	ALL	671853.3	4341731	3.31E-01
458	ALL	671783.8	4341586	4.14E-01
459	ALL	671783.2	4341547	4.07E-01
460	ALL	671769.2	4341461	3.90E-01
461	ALL	671800.9	4341421	3.76E-01
462	ALL	671880.1	4341427	2.88E-01
463	ALL	672012.4	4341505	9.19E-02
464	ALL	672084.3	4341548	9.93E-02
465	ALL	671915.5	4341478	2.39E-01
466	ALL	671903.3	4341564	2.89E-01
467	ALL	671863.1	4341522	3.39E-01
468	ALL	671830.1	4341336	3.65E-01
469	ALL	671835.6	4341288	3.57E-01
470	ALL	671825.9	4341275	3.69E-01
471	ALL	672136.7	4341371	5.72E-02
472	ALL	671920.3	4341307	1.99E-01
473	ALL	671695.4	4341257	3.73E-01
474	ALL	671682	4341176	2.45E-01
475	ALL	671991.7	4341196	1.93E-01
476	ALL	672022.1	4341232	1.43E-01
477	ALL	671992.3	4341178	1.49E-01
478	ALL	671540.6	4341238	1.38E-01
479	ALL	671575.3	4341178	1.15E-01
480	ALL	671454.7	4341196	1.16E-01
481	ALL	671523.5	4341116	9.58E-02
482	ALL	671413.2	4341127	9.64E-02
483	ALL	671471.1	4341065	8.62E-02
484	ALL	671601.6	4341051	1.40E-01
485	ALL	671198.6	4341254	7.42E-02
486	ALL	671278.5	4341212	8.73E-02
487	ALL	671230.3	4341133	6.75E-02
488	ALL	671073.1	4341272	6.43E-02
489	ALL	671122.5	4341374	8.88E-02
490	ALL	671118.8	4341397	9.45E-02
491	ALL	670978.4	4341324	6.86E-02
492	ALL	670932.9	4341394	7.44E-02
493	ALL	670935.2	4341367	7.27E-02
494	ALL	671108	4340976	5.84E-02
495	ALL	671286.7	4340979	6.42E-02
496	ALL	671675.4	4342489	8.17E-02
497	ALL	671091.4	4342277	6.01E-01
498	ALL	671051.8	4342332	4.52E-01
499	ALL	671051.8	4342369	4.95E-01

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500	ALL	670953	4342361	4.43E-01
501	ALL	670695.7	4342236	2.47E-01
502	ALL	670545.5	4342319	1.96E-01
503	ALL	670711.7	4342488	2.95E-01
504	ALL	670648.3	4342502	2.41E-01
505	ALL	670648.3	4342631	1.27E-01
506	ALL	670806.3	4342728	2.36E-01
507	ALL	670688.2	4342739	1.16E-01
508	ALL	670804.9	4342428	3.03E-01
509	ALL	670439.5	4342472	1.73E-01
510	ALL	670358.4	4342579	1.56E-01
511	ALL	670546.6	4342662	2.20E-01
512	ALL	670537	4342595	2.13E-01
513	ALL	670483.5	4342777	2.06E-01
514	ALL	670508.2	4342755	2.05E-01
515	ALL	670517.8	4342869	2.14E-01
516	ALL	670545.3	4342851	1.92E-01
517	ALL	670582.4	4342878	2.13E-01
518	ALL	670304.9	4342689	1.44E-01
519	ALL	670039.7	4342661	1.13E-01
520	ALL	670156.5	4342673	1.26E-01
521	ALL	670236.2	4342649	1.37E-01
522	ALL	670071.3	4342738	1.17E-01
523	ALL	669990.2	4342753	1.10E-01
524	ALL	669928.4	4342742	1.04E-01
525	ALL	669815.8	4342673	9.87E-02
526	ALL	669743	4342656	9.54E-02
527	ALL	669791	4342745	9.62E-02
528	ALL	669696.3	4342731	9.35E-02
529	ALL	669536.9	4342553	7.59E-02
530	ALL	671174.9	4342280	3.52E-01
531	ALL	671068.4	4342170	3.80E-01
532	ALL	670965.7	4342179	2.24E-01
533	ALL	670815.5	4342198	2.24E-01
534	ALL	670737.6	4342098	1.35E-01
535	ALL	670762.3	4342069	1.16E-01
536	ALL	670817.4	4342041	9.47E-02
537	ALL	670895.4	4342025	8.33E-02
538	ALL	670979	4341915	7.98E-02
539	ALL	671115.9	4341864	8.19E-02
540	ALL	671199.6	4341771	8.79E-02
541	ALL	671222.4	4341377	8.80E-02
542	ALL	671714.8	4341392	8.92E-02
543	ALL	671366.9	4341999	9.31E-02
544	ALL	671226.2	4342236	9.34E-02
545	ALL	669098.4	4343412	9.37E-02
546	ALL	668908.6	4343365	2.28E-01
547	ALL	668851.5	4343360	3.32E-01
548	ALL	668831.4	4343371	3.41E-01
549	ALL	668733.9	4343302	2.01E-01

Unmitigated Chronic Risk

550	ALL	668686.9	4343200	1.70E-01
551	ALL	668671.8	4343089	7.47E-02
552	ALL	668806.2	4343002	1.02E-01
553	ALL	668918.7	4343025	8.65E-02
554	ALL	669024.5	4342943	8.59E-02
555	ALL	669288.2	4342916	7.73E-02
556	ALL	669333.6	4342923	8.00E-02
557	ALL	669365.5	4342978	7.37E-02
558	ALL	669337	4343151	7.28E-02
559	ALL	669303.4	4343304	1.56E-01
560	ALL	669222.7	4343235	1.88E-01
561	ALL	669135.4	4343306	2.19E-01
562	ALL	671174.9	4342280	6.93E-01
563	ALL	671068.4	4342170	9.23E-01
564	ALL	670965.7	4342179	5.06E-01
565	ALL	670815.5	4342198	2.96E-01
566	ALL	670737.6	4342098	2.41E-01
567	ALL	670762.3	4342069	2.50E-01
568	ALL	670817.4	4342041	2.77E-01
569	ALL	670895.4	4342025	3.27E-01
570	ALL	670979	4341915	4.03E-01
571	ALL	671115.9	4341864	6.60E-01
572	ALL	671199.6	4341771	1.09E+00
573	ALL	671222.4	4341377	1.32E-01
574	ALL	671714.8	4341392	4.61E-01
575	ALL	671366.9	4341999	1.06E+00
576	ALL	671226.2	4342236	7.24E-01
577	ALL	669098.4	4343412	3.48E-01
578	ALL	668908.6	4343365	5.11E-01
579	ALL	668851.5	4343360	4.78E-01
580	ALL	668831.4	4343371	4.06E-01
581	ALL	668733.9	4343302	5.35E-01
582	ALL	668686.9	4343200	3.77E-01
583	ALL	668671.8	4343089	1.67E-01
584	ALL	668806.2	4343002	1.71E-01
585	ALL	668918.7	4343025	1.93E-01
586	ALL	669024.5	4342943	1.56E-01
587	ALL	669288.2	4342916	1.22E-01
588	ALL	669333.6	4342923	1.15E-01
589	ALL	669365.5	4342978	1.40E-01
590	ALL	669337	4343151	2.53E-01
591	ALL	669303.4	4343304	2.49E-01
592	ALL	669222.7	4343235	6.82E-01
593	ALL	669135.4	4343306	7.07E-01

Mitigated Chronic Risk

REC	GRP	X	Y	MAXHI
1	ALL	668148.8	4340781.04	3.89E-02
2	ALL	668370.1	4340781.04	4.33E-02
3	ALL	668591.4	4340781.04	4.75E-02
4	ALL	668812.7	4340781.04	5.11E-02
5	ALL	669034	4340781.04	5.66E-02
6	ALL	669255.3	4340781.04	6.32E-02
7	ALL	669476.7	4340781.04	6.99E-02
8	ALL	669698	4340781.04	7.85E-02
9	ALL	669919.3	4340781.04	9.72E-02
10	ALL	670140.6	4340781.04	1.13E-01
11	ALL	670361.9	4340781.04	1.10E-01
12	ALL	670583.2	4340781.04	7.68E-02
13	ALL	670804.5	4340781.04	7.61E-02
14	ALL	671025.8	4340781.04	6.22E-02
15	ALL	671247.1	4340781.04	6.26E-02
16	ALL	671468.4	4340781.04	8.54E-02
17	ALL	671689.8	4340781.04	1.26E-01
18	ALL	671911.1	4340781.04	1.20E-01
19	ALL	672132.4	4340781.04	6.19E-02
20	ALL	672353.7	4340781.04	1.13E-01
21	ALL	672575	4340781.04	1.46E-01
22	ALL	668148.8	4340946	3.82E-02
23	ALL	668370.1	4340946	4.28E-02
24	ALL	668591.4	4340946	4.70E-02
25	ALL	668812.7	4340946	5.12E-02
26	ALL	669034	4340946	5.85E-02
27	ALL	669255.3	4340946	6.47E-02
28	ALL	669476.7	4340946	7.17E-02
29	ALL	669698	4340946	8.28E-02
30	ALL	669919.3	4340946	1.15E-01
31	ALL	670140.6	4340946	1.21E-01
32	ALL	670361.9	4340946	1.28E-01
33	ALL	670583.2	4340946	1.22E-01
34	ALL	670804.5	4340946	7.98E-02
35	ALL	671025.8	4340946	6.09E-02
36	ALL	671247.1	4340946	6.08E-02
37	ALL	671468.4	4340946	7.67E-02
38	ALL	671689.8	4340946	1.60E-01
39	ALL	671911.1	4340946	1.89E-01
40	ALL	672132.4	4340946	5.67E-02
41	ALL	672353.7	4340946	7.64E-02
42	ALL	672575	4340946	1.42E-01
43	ALL	668148.8	4341110.96	3.87E-02
44	ALL	668370.1	4341110.96	4.17E-02
45	ALL	668591.4	4341110.96	4.75E-02
46	ALL	668812.7	4341110.96	5.25E-02
47	ALL	669034	4341110.96	5.87E-02
48	ALL	669255.3	4341110.96	6.42E-02
49	ALL	669476.7	4341110.96	7.42E-02

Mitigated Chronic Risk

50	ALL	669698	4341110.96	8.54E-02
51	ALL	669919.3	4341110.96	9.83E-02
52	ALL	670140.6	4341110.96	1.31E-01
53	ALL	670361.9	4341110.96	1.21E-01
54	ALL	670583.2	4341110.96	8.77E-02
55	ALL	670804.5	4341110.96	6.57E-02
56	ALL	671025.8	4341110.96	5.73E-02
57	ALL	671247.1	4341110.96	6.99E-02
58	ALL	671468.4	4341110.96	8.98E-02
59	ALL	671689.8	4341110.96	2.59E-01
60	ALL	671911.1	4341110.96	2.04E-01
61	ALL	672132.4	4341110.96	5.47E-02
62	ALL	672353.7	4341110.96	5.00E-02
63	ALL	672575	4341110.96	1.45E-01
64	ALL	668148.8	4341275.92	3.97E-02
65	ALL	668370.1	4341275.92	4.32E-02
66	ALL	668591.4	4341275.92	4.83E-02
67	ALL	668812.7	4341275.92	5.43E-02
68	ALL	669034	4341275.92	6.08E-02
69	ALL	669255.3	4341275.92	6.77E-02
70	ALL	669476.7	4341275.92	7.58E-02
71	ALL	669698	4341275.92	8.69E-02
72	ALL	669919.3	4341275.92	1.22E-01
73	ALL	670140.6	4341275.92	1.07E-01
74	ALL	670361.9	4341275.92	9.18E-02
75	ALL	670583.2	4341275.92	6.36E-02
76	ALL	670804.5	4341275.92	6.49E-02
77	ALL	671025.8	4341275.92	6.44E-02
78	ALL	671247.1	4341275.92	9.38E-02
79	ALL	671468.4	4341275.92	2.55E-01
80	ALL	671689.8	4341275.92	4.02E-01
81	ALL	671911.1	4341275.92	2.48E-01
82	ALL	672132.4	4341275.92	5.94E-02
83	ALL	672353.7	4341275.92	4.31E-02
84	ALL	672575	4341275.92	1.40E-01
85	ALL	668148.8	4341440.88	4.02E-02
86	ALL	668370.1	4341440.88	4.42E-02
87	ALL	668591.4	4341440.88	4.89E-02
88	ALL	668812.7	4341440.88	5.50E-02
89	ALL	669034	4341440.88	6.15E-02
90	ALL	669255.3	4341440.88	6.80E-02
91	ALL	669476.7	4341440.88	7.71E-02
92	ALL	669698	4341440.88	8.96E-02
93	ALL	669919.3	4341440.88	1.21E-01
94	ALL	670140.6	4341440.88	9.21E-02
95	ALL	670361.9	4341440.88	7.79E-02
96	ALL	670583.2	4341440.88	6.38E-02
97	ALL	670804.5	4341440.88	8.02E-02
98	ALL	671025.8	4341440.88	8.23E-02
99	ALL	671689.8	4341440.88	4.94E-01

Mitigated Chronic Risk

100	ALL	671911.1	4341440.88	2.40E-01
101	ALL	672132.4	4341440.88	6.40E-02
102	ALL	672353.7	4341440.88	6.36E-02
103	ALL	672575	4341440.88	1.16E-01
104	ALL	668148.8	4341605.84	4.19E-02
105	ALL	668370.1	4341605.84	4.55E-02
106	ALL	668591.4	4341605.84	5.00E-02
107	ALL	668812.7	4341605.84	5.54E-02
108	ALL	669034	4341605.84	6.15E-02
109	ALL	669255.3	4341605.84	6.90E-02
110	ALL	669476.7	4341605.84	7.85E-02
111	ALL	669698	4341605.84	8.99E-02
112	ALL	669919.3	4341605.84	1.14E-01
113	ALL	670140.6	4341605.84	1.03E-01
114	ALL	670361.9	4341605.84	7.24E-02
115	ALL	670583.2	4341605.84	7.22E-02
116	ALL	670804.5	4341605.84	1.17E-01
117	ALL	671025.8	4341605.84	1.10E-01
118	ALL	671689.8	4341605.84	5.80E-01
119	ALL	671911.1	4341605.84	2.85E-01
120	ALL	672132.4	4341605.84	1.05E-01
121	ALL	672353.7	4341605.84	8.35E-02
122	ALL	672575	4341605.84	1.19E-01
123	ALL	668148.8	4341770.8	4.24E-02
124	ALL	668370.1	4341770.8	4.65E-02
125	ALL	668591.4	4341770.8	4.98E-02
126	ALL	668812.7	4341770.8	5.54E-02
127	ALL	669034	4341770.8	6.25E-02
128	ALL	669255.3	4341770.8	7.09E-02
129	ALL	669476.7	4341770.8	8.01E-02
130	ALL	669698	4341770.8	1.14E-01
131	ALL	669919.3	4341770.8	1.06E-01
132	ALL	670140.6	4341770.8	8.84E-02
133	ALL	670361.9	4341770.8	6.49E-02
134	ALL	670583.2	4341770.8	9.84E-02
135	ALL	670804.5	4341770.8	2.75E-01
136	ALL	671025.8	4341770.8	4.45E-01
137	ALL	671689.8	4341770.8	3.63E-01
138	ALL	671911.1	4341770.8	2.60E-01
139	ALL	672132.4	4341770.8	7.22E-02
140	ALL	672353.7	4341770.8	4.79E-02
141	ALL	672575	4341770.8	1.14E-01
142	ALL	668148.8	4341935.76	4.24E-02
143	ALL	668370.1	4341935.76	4.57E-02
144	ALL	668591.4	4341935.76	5.02E-02
145	ALL	668812.7	4341935.76	5.62E-02
146	ALL	669034	4341935.76	6.36E-02
147	ALL	669255.3	4341935.76	7.17E-02
148	ALL	669476.7	4341935.76	1.05E-01
149	ALL	669698	4341935.76	9.16E-02

Mitigated Chronic Risk

150	ALL	669919.3	4341935.76	6.43E-02
151	ALL	670140.6	4341935.76	6.62E-02
152	ALL	670361.9	4341935.76	7.80E-02
153	ALL	670583.2	4341935.76	1.94E-01
154	ALL	670804.5	4341935.76	2.89E-01
155	ALL	671468.4	4341935.76	4.57E-01
156	ALL	671689.8	4341935.76	1.90E-01
157	ALL	671911.1	4341935.76	1.70E-01
158	ALL	672132.4	4341935.76	6.13E-02
159	ALL	672353.7	4341935.76	4.03E-02
160	ALL	672575	4341935.76	1.28E-01
161	ALL	668148.8	4342100.72	4.46E-02
162	ALL	668370.1	4342100.72	4.75E-02
163	ALL	668591.4	4342100.72	5.17E-02
164	ALL	668812.7	4342100.72	5.70E-02
165	ALL	669034	4342100.72	6.40E-02
166	ALL	669255.3	4342100.72	7.21E-02
167	ALL	669476.7	4342100.72	1.04E-01
168	ALL	669698	4342100.72	1.14E-01
169	ALL	669919.3	4342100.72	1.17E-01
170	ALL	670140.6	4342100.72	9.41E-02
171	ALL	670361.9	4342100.72	1.85E-01
172	ALL	670583.2	4342100.72	1.96E-01
173	ALL	671468.4	4342100.72	2.09E-01
174	ALL	671689.8	4342100.72	1.24E-01
175	ALL	671911.1	4342100.72	1.30E-01
176	ALL	672132.4	4342100.72	7.24E-02
177	ALL	672353.7	4342100.72	4.50E-02
178	ALL	672575	4342100.72	1.25E-01
179	ALL	668148.8	4342265.68	4.71E-02
180	ALL	668370.1	4342265.68	4.96E-02
181	ALL	668591.4	4342265.68	5.18E-02
182	ALL	668812.7	4342265.68	5.56E-02
183	ALL	669034	4342265.68	6.19E-02
184	ALL	669255.3	4342265.68	7.12E-02
185	ALL	669476.7	4342265.68	8.12E-02
186	ALL	669698	4342265.68	9.45E-02
187	ALL	669919.3	4342265.68	1.10E-01
188	ALL	670140.6	4342265.68	1.31E-01
189	ALL	670361.9	4342265.68	1.59E-01
190	ALL	670583.2	4342265.68	2.01E-01
191	ALL	670804.5	4342265.68	3.03E-01
192	ALL	671025.8	4342265.68	5.14E-01
193	ALL	671247.1	4342265.68	5.91E-01
194	ALL	671468.4	4342265.68	1.73E-01
195	ALL	671689.8	4342265.68	1.22E-01
196	ALL	671911.1	4342265.68	9.90E-02
197	ALL	672132.4	4342265.68	1.14E-01
198	ALL	672353.7	4342265.68	9.13E-02
199	ALL	672575	4342265.68	1.02E-01

Mitigated Chronic Risk

200	ALL	668148.8	4342430.64	4.62E-02
201	ALL	668370.1	4342430.64	5.31E-02
202	ALL	668591.4	4342430.64	5.44E-02
203	ALL	668812.7	4342430.64	5.70E-02
204	ALL	669034	4342430.64	6.02E-02
205	ALL	669255.3	4342430.64	6.59E-02
206	ALL	669476.7	4342430.64	7.76E-02
207	ALL	669698	4342430.64	8.83E-02
208	ALL	669919.3	4342430.64	1.05E-01
209	ALL	670140.6	4342430.64	1.24E-01
210	ALL	670361.9	4342430.64	1.51E-01
211	ALL	670583.2	4342430.64	2.10E-01
212	ALL	670804.5	4342430.64	3.01E-01
213	ALL	671025.8	4342430.64	4.91E-01
214	ALL	671247.1	4342430.64	1.77E-01
215	ALL	671468.4	4342430.64	1.27E-01
216	ALL	671689.8	4342430.64	9.43E-02
217	ALL	671911.1	4342430.64	8.19E-02
218	ALL	672132.4	4342430.64	1.08E-01
219	ALL	672353.7	4342430.64	1.11E-01
220	ALL	672575	4342430.64	9.56E-02
221	ALL	668148.8	4342595.6	4.91E-02
222	ALL	668370.1	4342595.6	5.49E-02
223	ALL	668591.4	4342595.6	6.02E-02
224	ALL	668812.7	4342595.6	6.38E-02
225	ALL	669034	4342595.6	6.56E-02
226	ALL	669255.3	4342595.6	6.90E-02
227	ALL	669476.7	4342595.6	7.39E-02
228	ALL	669698	4342595.6	8.88E-02
229	ALL	669919.3	4342595.6	9.97E-02
230	ALL	670140.6	4342595.6	1.22E-01
231	ALL	670361.9	4342595.6	1.56E-01
232	ALL	670583.2	4342595.6	1.84E-01
233	ALL	670804.5	4342595.6	3.18E-01
234	ALL	671025.8	4342595.6	3.99E-01
235	ALL	671247.1	4342595.6	2.55E-01
236	ALL	671468.4	4342595.6	9.14E-02
237	ALL	671689.8	4342595.6	6.27E-02
238	ALL	671911.1	4342595.6	5.13E-02
239	ALL	672132.4	4342595.6	6.64E-02
240	ALL	672353.7	4342595.6	1.18E-01
241	ALL	672575	4342595.6	8.79E-02
242	ALL	668148.8	4342760.56	5.24E-02
243	ALL	668370.1	4342760.56	6.34E-02
244	ALL	668591.4	4342760.56	7.17E-02
245	ALL	668812.7	4342760.56	7.95E-02
246	ALL	669034	4342760.56	7.59E-02
247	ALL	669255.3	4342760.56	7.66E-02
248	ALL	669476.7	4342760.56	7.96E-02
249	ALL	669698	4342760.56	9.24E-02

Mitigated Chronic Risk

250	ALL	669919.3	4342760.56	1.03E-01
251	ALL	670140.6	4342760.56	1.58E-01
252	ALL	670361.9	4342760.56	2.08E-01
253	ALL	670583.2	4342760.56	1.66E-01
254	ALL	670804.5	4342760.56	2.37E-01
255	ALL	671025.8	4342760.56	2.41E-01
256	ALL	671247.1	4342760.56	1.09E-01
257	ALL	671468.4	4342760.56	7.64E-02
258	ALL	671689.8	4342760.56	5.88E-02
259	ALL	671911.1	4342760.56	4.12E-02
260	ALL	672132.4	4342760.56	4.64E-02
261	ALL	672353.7	4342760.56	1.16E-01
262	ALL	672575	4342760.56	9.58E-02
263	ALL	668148.8	4342925.52	5.25E-02
264	ALL	668370.1	4342925.52	6.70E-02
265	ALL	668591.4	4342925.52	8.40E-02
266	ALL	668812.7	4342925.52	1.07E-01
267	ALL	669034	4342925.52	1.32E-01
268	ALL	669476.7	4342925.52	8.95E-02
269	ALL	669698	4342925.52	9.19E-02
270	ALL	669919.3	4342925.52	1.23E-01
271	ALL	670140.6	4342925.52	1.72E-01
272	ALL	670361.9	4342925.52	1.97E-01
273	ALL	670583.2	4342925.52	2.26E-01
274	ALL	670804.5	4342925.52	2.70E-01
275	ALL	671025.8	4342925.52	8.83E-02
276	ALL	671247.1	4342925.52	8.82E-02
277	ALL	671468.4	4342925.52	5.91E-02
278	ALL	671689.8	4342925.52	4.95E-02
279	ALL	671911.1	4342925.52	3.80E-02
280	ALL	672132.4	4342925.52	3.07E-02
281	ALL	672353.7	4342925.52	5.47E-02
282	ALL	672575	4342925.52	9.67E-02
283	ALL	668148.8	4343090.48	4.88E-02
284	ALL	668370.1	4343090.48	6.46E-02
285	ALL	668591.4	4343090.48	9.78E-02
286	ALL	669476.7	4343090.48	9.70E-02
287	ALL	669698	4343090.48	8.80E-02
288	ALL	669919.3	4343090.48	9.67E-02
289	ALL	670140.6	4343090.48	1.30E-01
290	ALL	670361.9	4343090.48	1.25E-01
291	ALL	670583.2	4343090.48	1.37E-01
292	ALL	670804.5	4343090.48	2.10E-01
293	ALL	671025.8	4343090.48	7.38E-02
294	ALL	671247.1	4343090.48	6.94E-02
295	ALL	671468.4	4343090.48	5.18E-02
296	ALL	671689.8	4343090.48	4.15E-02
297	ALL	671911.1	4343090.48	3.34E-02
298	ALL	672132.4	4343090.48	2.82E-02
299	ALL	672353.7	4343090.48	2.33E-02

Mitigated Chronic Risk

300	ALL	672575	4343090.48	3.13E-02
301	ALL	668148.8	4343255.44	4.65E-02
302	ALL	668370.1	4343255.44	6.15E-02
303	ALL	668591.4	4343255.44	1.25E-01
304	ALL	669476.7	4343255.44	8.99E-02
305	ALL	669698	4343255.44	8.82E-02
306	ALL	669919.3	4343255.44	9.47E-02
307	ALL	670140.6	4343255.44	1.04E-01
308	ALL	670361.9	4343255.44	1.10E-01
309	ALL	670583.2	4343255.44	1.15E-01
310	ALL	670804.5	4343255.44	1.30E-01
311	ALL	671025.8	4343255.44	6.69E-02
312	ALL	671247.1	4343255.44	5.59E-02
313	ALL	671468.4	4343255.44	4.91E-02
314	ALL	671689.8	4343255.44	3.60E-02
315	ALL	671911.1	4343255.44	2.98E-02
316	ALL	672132.4	4343255.44	2.61E-02
317	ALL	672353.7	4343255.44	2.32E-02
318	ALL	672575	4343255.44	1.92E-02
319	ALL	668148.8	4343420.4	4.56E-02
320	ALL	668370.1	4343420.4	6.14E-02
321	ALL	668591.4	4343420.4	1.21E-01
322	ALL	668812.7	4343420.4	2.80E-01
323	ALL	669034	4343420.4	3.59E-01
324	ALL	669255.3	4343420.4	1.74E-01
325	ALL	669476.7	4343420.4	8.45E-02
326	ALL	669698	4343420.4	7.83E-02
327	ALL	669919.3	4343420.4	8.29E-02
328	ALL	670140.6	4343420.4	8.65E-02
329	ALL	670361.9	4343420.4	9.38E-02
330	ALL	670583.2	4343420.4	9.94E-02
331	ALL	670804.5	4343420.4	1.13E-01
332	ALL	671025.8	4343420.4	1.55E-01
333	ALL	671247.1	4343420.4	7.78E-02
334	ALL	671468.4	4343420.4	4.20E-02
335	ALL	671689.8	4343420.4	3.35E-02
336	ALL	671911.1	4343420.4	2.69E-02
337	ALL	672132.4	4343420.4	2.31E-02
338	ALL	672353.7	4343420.4	1.98E-02
339	ALL	672575	4343420.4	1.76E-02
340	ALL	668148.8	4343585.36	4.41E-02
341	ALL	668370.1	4343585.36	5.54E-02
342	ALL	668591.4	4343585.36	9.57E-02
343	ALL	668812.7	4343585.36	1.51E-01
344	ALL	669034	4343585.36	1.59E-01
345	ALL	669255.3	4343585.36	1.09E-01
346	ALL	669476.7	4343585.36	7.50E-02
347	ALL	669698	4343585.36	6.86E-02
348	ALL	669919.3	4343585.36	7.19E-02
349	ALL	670140.6	4343585.36	7.76E-02

Mitigated Chronic Risk

350	ALL	670361.9	4343585.36	8.42E-02
351	ALL	670583.2	4343585.36	8.96E-02
352	ALL	670804.5	4343585.36	9.76E-02
353	ALL	671025.8	4343585.36	1.02E-01
354	ALL	671247.1	4343585.36	8.16E-02
355	ALL	671468.4	4343585.36	4.81E-02
356	ALL	671689.8	4343585.36	3.65E-02
357	ALL	671911.1	4343585.36	2.76E-02
358	ALL	672132.4	4343585.36	2.34E-02
359	ALL	672353.7	4343585.36	1.92E-02
360	ALL	672575	4343585.36	1.75E-02
361	ALL	668148.8	4343750.32	4.40E-02
362	ALL	668370.1	4343750.32	5.38E-02
363	ALL	668591.4	4343750.32	7.76E-02
364	ALL	668812.7	4343750.32	1.07E-01
365	ALL	669034	4343750.32	1.06E-01
366	ALL	669255.3	4343750.32	8.61E-02
367	ALL	669476.7	4343750.32	6.94E-02
368	ALL	669698	4343750.32	6.54E-02
369	ALL	669919.3	4343750.32	6.73E-02
370	ALL	670140.6	4343750.32	7.16E-02
371	ALL	670361.9	4343750.32	7.79E-02
372	ALL	670583.2	4343750.32	8.08E-02
373	ALL	670804.5	4343750.32	8.51E-02
374	ALL	671025.8	4343750.32	8.79E-02
375	ALL	671247.1	4343750.32	1.02E-01
376	ALL	671468.4	4343750.32	1.03E-01
377	ALL	671689.8	4343750.32	1.07E-01
378	ALL	671911.1	4343750.32	6.31E-02
379	ALL	672132.4	4343750.32	2.77E-02
380	ALL	672353.7	4343750.32	2.07E-02
381	ALL	672575	4343750.32	1.85E-02
382	ALL	668148.8	4343915.28	4.43E-02
383	ALL	668370.1	4343915.28	5.32E-02
384	ALL	668591.4	4343915.28	6.77E-02
385	ALL	668812.7	4343915.28	8.38E-02
386	ALL	669034	4343915.28	8.51E-02
387	ALL	669255.3	4343915.28	7.45E-02
388	ALL	669476.7	4343915.28	6.50E-02
389	ALL	669698	4343915.28	6.19E-02
390	ALL	669919.3	4343915.28	6.32E-02
391	ALL	670140.6	4343915.28	6.75E-02
392	ALL	670361.9	4343915.28	7.00E-02
393	ALL	670583.2	4343915.28	7.50E-02
394	ALL	670804.5	4343915.28	7.74E-02
395	ALL	671025.8	4343915.28	7.87E-02
396	ALL	671247.1	4343915.28	7.94E-02
397	ALL	671468.4	4343915.28	9.74E-02
398	ALL	671689.8	4343915.28	9.71E-02
399	ALL	671911.1	4343915.28	5.30E-02

Mitigated Chronic Risk

400	ALL	672132.4	4343915.28	4.43E-02
401	ALL	672353.7	4343915.28	3.14E-02
402	ALL	672575	4343915.28	2.42E-02
403	ALL	668148.8	4344080.24	4.33E-02
404	ALL	668370.1	4344080.24	5.07E-02
405	ALL	668591.4	4344080.24	6.12E-02
406	ALL	668812.7	4344080.24	7.11E-02
407	ALL	669034	4344080.24	7.26E-02
408	ALL	669255.3	4344080.24	6.63E-02
409	ALL	669476.7	4344080.24	6.04E-02
410	ALL	669698	4344080.24	5.86E-02
411	ALL	669919.3	4344080.24	5.99E-02
412	ALL	670140.6	4344080.24	6.44E-02
413	ALL	670361.9	4344080.24	6.43E-02
414	ALL	670583.2	4344080.24	6.88E-02
415	ALL	670804.5	4344080.24	7.12E-02
416	ALL	671025.8	4344080.24	1.08E-01
417	ALL	671247.1	4344080.24	7.26E-02
418	ALL	671468.4	4344080.24	6.30E-02
419	ALL	671689.8	4344080.24	6.44E-02
420	ALL	671911.1	4344080.24	2.71E-02
421	ALL	672132.4	4344080.24	2.24E-02
422	ALL	672353.7	4344080.24	2.15E-02
423	ALL	672575	4344080.24	1.88E-02
424	ALL	671464.7	4342094.27	2.19E-01
425	ALL	671482.2	4342063.91	2.30E-01
426	ALL	671498.6	4342030.05	2.40E-01
427	ALL	671513.8	4341991.52	2.58E-01
428	ALL	671541.8	4341964.66	2.49E-01
429	ALL	671575.6	4341974	1.99E-01
430	ALL	671460.8	4342162.97	1.84E-01
431	ALL	671451	4342187.35	1.82E-01
432	ALL	671510.7	4342219.66	1.55E-01
433	ALL	671524.1	4342192.84	1.51E-01
434	ALL	671522.9	4342250.74	1.50E-01
435	ALL	671599.1	4342252.57	1.31E-01
436	ALL	671627.8	4342256.84	1.28E-01
437	ALL	671583.9	4342116.03	1.30E-01
438	ALL	671595.5	4342071.54	1.33E-01
439	ALL	671663.1	4342056.3	1.28E-01
440	ALL	671600.9	4342030.09	1.50E-01
441	ALL	671526.6	4342155.65	1.50E-01
442	ALL	671629	4342292.19	1.29E-01
443	ALL	671641.8	4341980.71	1.60E-01
444	ALL	671666.8	4342018.51	1.40E-01
445	ALL	671407.1	4342219.66	2.02E-01
446	ALL	671415.6	4342183.08	2.09E-01
447	ALL	671635.1	4341706.42	6.00E-01
448	ALL	671693.6	4341710.08	5.02E-01
449	ALL	671719.8	4341736.29	4.47E-01

Mitigated Chronic Risk

450	ALL	671673.5	4341630.23	6.14E-01
451	ALL	671888	4341936.22	1.88E-01
452	ALL	671977.6	4341952.07	1.21E-01
453	ALL	672039.2	4341894.77	8.99E-02
454	ALL	671858.2	4341753.96	3.22E-01
455	ALL	671922.8	4341634.49	2.72E-01
456	ALL	671613.7	4341791.15	3.92E-01
457	ALL	671853.3	4341730.8	3.30E-01
458	ALL	671783.8	4341585.73	4.13E-01
459	ALL	671783.2	4341546.72	4.06E-01
460	ALL	671769.2	4341461.38	3.90E-01
461	ALL	671800.9	4341420.54	3.75E-01
462	ALL	671880.1	4341427.25	2.88E-01
463	ALL	672012.4	4341504.66	9.16E-02
464	ALL	672084.3	4341547.94	9.90E-02
465	ALL	671915.5	4341478.45	2.39E-01
466	ALL	671903.3	4341564.4	2.88E-01
467	ALL	671863.1	4341522.34	3.39E-01
468	ALL	671830.1	4341336.43	3.65E-01
469	ALL	671835.6	4341287.66	3.57E-01
470	ALL	671825.9	4341275.47	3.69E-01
471	ALL	672136.7	4341370.56	5.71E-02
472	ALL	671920.3	4341307.17	1.99E-01
473	ALL	671695.4	4341257.19	3.72E-01
474	ALL	671682	4341176.12	2.45E-01
475	ALL	671991.7	4341196.23	1.93E-01
476	ALL	672022.1	4341231.59	1.43E-01
477	ALL	671992.3	4341177.95	1.49E-01
478	ALL	671540.6	4341238.29	1.38E-01
479	ALL	671575.3	4341177.95	1.14E-01
480	ALL	671454.7	4341196.23	1.16E-01
481	ALL	671523.5	4341116.38	9.56E-02
482	ALL	671413.2	4341126.74	9.63E-02
483	ALL	671471.1	4341064.57	8.60E-02
484	ALL	671601.6	4341050.55	1.39E-01
485	ALL	671198.6	4341253.53	7.40E-02
486	ALL	671278.5	4341212.08	8.71E-02
487	ALL	671230.3	4341132.84	6.73E-02
488	ALL	671073.1	4341271.82	6.41E-02
489	ALL	671122.5	4341373.61	8.85E-02
490	ALL	671118.8	4341397.38	9.42E-02
491	ALL	670978.4	4341324.15	6.83E-02
492	ALL	670932.9	4341394.21	7.41E-02
493	ALL	670935.2	4341367.36	7.24E-02
494	ALL	671108	4340976.17	5.83E-02
495	ALL	671286.7	4340978.51	6.40E-02
496	ALL	671675.4	4342488.78	8.11E-02
497	ALL	671091.4	4342277.23	5.98E-01
498	ALL	671051.8	4342332.07	4.50E-01
499	ALL	671051.8	4342369.2	4.93E-01

Mitigated Chronic Risk

500	ALL	670953	4342360.76	4.41E-01
501	ALL	670695.7	4342235.89	2.45E-01
502	ALL	670545.5	4342318.58	1.94E-01
503	ALL	670711.7	4342488.16	2.94E-01
504	ALL	670648.3	4342501.73	2.40E-01
505	ALL	670648.3	4342630.87	1.26E-01
506	ALL	670806.3	4342728.41	2.36E-01
507	ALL	670688.2	4342739.41	1.16E-01
508	ALL	670804.9	4342427.55	3.02E-01
509	ALL	670439.5	4342471.51	1.72E-01
510	ALL	670358.4	4342578.67	1.55E-01
511	ALL	670546.6	4342662.47	2.19E-01
512	ALL	670537	4342595.15	2.13E-01
513	ALL	670483.5	4342776.5	2.05E-01
514	ALL	670508.2	4342754.52	2.04E-01
515	ALL	670517.8	4342868.54	2.14E-01
516	ALL	670545.3	4342850.69	1.91E-01
517	ALL	670582.4	4342878.16	2.13E-01
518	ALL	670304.9	4342688.57	1.44E-01
519	ALL	670039.7	4342661.1	1.11E-01
520	ALL	670156.5	4342673.46	1.26E-01
521	ALL	670236.2	4342648.73	1.36E-01
522	ALL	670071.3	4342738.03	1.16E-01
523	ALL	669990.2	4342753.14	1.10E-01
524	ALL	669928.4	4342742.15	1.03E-01
525	ALL	669815.8	4342673.46	9.78E-02
526	ALL	669743	4342655.6	9.45E-02
527	ALL	669791	4342744.9	9.57E-02
528	ALL	669696.3	4342731.16	9.29E-02
529	ALL	669536.9	4342552.57	7.52E-02
530	ALL	671174.9	4342280.21	3.52E-01
531	ALL	671068.4	4342169.93	3.80E-01
532	ALL	670965.7	4342179.44	2.24E-01
533	ALL	670815.5	4342198.45	2.24E-01
534	ALL	670737.6	4342097.68	1.35E-01
535	ALL	670762.3	4342069.16	1.16E-01
536	ALL	670817.4	4342040.64	9.45E-02
537	ALL	670895.4	4342025.43	8.31E-02
538	ALL	670979	4341915.15	7.96E-02
539	ALL	671115.9	4341863.81	8.17E-02
540	ALL	671199.6	4341770.65	8.77E-02
541	ALL	671222.4	4341377.07	8.77E-02
542	ALL	671714.8	4341392.28	8.90E-02
543	ALL	671366.9	4341998.81	9.28E-02
544	ALL	671226.2	4342236.48	9.32E-02
545	ALL	669098.4	4343411.59	9.35E-02
546	ALL	668908.6	4343364.56	2.28E-01
547	ALL	668851.5	4343359.52	3.32E-01
548	ALL	668831.4	4343371.27	3.41E-01
549	ALL	668733.9	4343302.41	2.01E-01

Mitigated Chronic Risk

550	ALL	668686.9	4343199.95	1.70E-01
551	ALL	668671.8	4343089.09	7.47E-02
552	ALL	668806.2	4343001.74	1.02E-01
553	ALL	668918.7	4343025.26	8.64E-02
554	ALL	669024.5	4342942.95	8.54E-02
555	ALL	669288.2	4342916.08	7.66E-02
556	ALL	669333.6	4342922.8	7.89E-02
557	ALL	669365.5	4342978.23	7.34E-02
558	ALL	669337	4343151.23	7.25E-02
559	ALL	669303.4	4343304.09	1.56E-01
560	ALL	669222.7	4343235.22	1.88E-01
561	ALL	669135.4	4343305.77	2.19E-01

Unmitigated Acute Risk

1	ALL	668148.8	4340781.04	3.93E-03
2	ALL	668370.1	4340781.04	3.29E-03
3	ALL	668591.4	4340781.04	3.14E-03
4	ALL	668812.7	4340781.04	3.12E-03
5	ALL	669034	4340781.04	3.24E-03
6	ALL	669255.3	4340781.04	2.01E-03
7	ALL	669476.7	4340781.04	2.30E-03
8	ALL	669698	4340781.04	1.64E-03
9	ALL	669919.3	4340781.04	1.83E-03
10	ALL	670140.6	4340781.04	1.10E-03
11	ALL	670361.9	4340781.04	1.72E-03
12	ALL	670583.2	4340781.04	1.95E-03
13	ALL	670804.5	4340781.04	1.25E-03
14	ALL	671025.8	4340781.04	1.36E-03
15	ALL	671247.1	4340781.04	8.62E-04
16	ALL	671468.4	4340781.04	8.56E-04
17	ALL	671689.8	4340781.04	1.00E-03
18	ALL	671911.1	4340781.04	9.37E-04
19	ALL	672132.4	4340781.04	6.94E-04
20	ALL	672353.7	4340781.04	1.05E-03
21	ALL	672575	4340781.04	1.64E-03
22	ALL	668148.8	4340946	7.61E-03
23	ALL	668370.1	4340946	6.33E-03
24	ALL	668591.4	4340946	5.45E-03
25	ALL	668812.7	4340946	4.60E-03
26	ALL	669034	4340946	3.07E-03
27	ALL	669255.3	4340946	2.23E-03
28	ALL	669476.7	4340946	2.41E-03
29	ALL	669698	4340946	1.79E-03
30	ALL	669919.3	4340946	1.79E-03
31	ALL	670140.6	4340946	1.48E-03
32	ALL	670361.9	4340946	2.00E-03
33	ALL	670583.2	4340946	1.91E-03
34	ALL	670804.5	4340946	1.49E-03
35	ALL	671025.8	4340946	1.36E-03
36	ALL	671247.1	4340946	7.95E-04
37	ALL	671468.4	4340946	8.56E-04
38	ALL	671689.8	4340946	1.14E-03
39	ALL	671911.1	4340946	1.20E-03
40	ALL	672132.4	4340946	7.74E-04
41	ALL	672353.7	4340946	1.60E-03
42	ALL	672575	4340946	2.23E-03
43	ALL	668148.8	4341110.96	9.61E-03
44	ALL	668370.1	4341110.96	8.91E-03
45	ALL	668591.4	4341110.96	5.93E-03
46	ALL	668812.7	4341110.96	3.98E-03
47	ALL	669034	4341110.96	3.78E-03
48	ALL	669255.3	4341110.96	3.08E-03
49	ALL	669476.7	4341110.96	2.33E-03
50	ALL	669698	4341110.96	1.97E-03

Unmitigated Acute Risk

51	ALL	669919.3	4341110.96	1.73E-03
52	ALL	670140.6	4341110.96	1.85E-03
53	ALL	670361.9	4341110.96	1.95E-03
54	ALL	670583.2	4341110.96	1.04E-03
55	ALL	670804.5	4341110.96	1.49E-03
56	ALL	671025.8	4341110.96	1.14E-03
57	ALL	671247.1	4341110.96	9.58E-04
58	ALL	671468.4	4341110.96	8.86E-04
59	ALL	671689.8	4341110.96	1.55E-03
60	ALL	671911.1	4341110.96	1.73E-03
61	ALL	672132.4	4341110.96	1.47E-03
62	ALL	672353.7	4341110.96	1.83E-03
63	ALL	672575	4341110.96	2.21E-03
64	ALL	668148.8	4341275.92	1.01E-02
65	ALL	668370.1	4341275.92	7.09E-03
66	ALL	668591.4	4341275.92	5.12E-03
67	ALL	668812.7	4341275.92	2.70E-03
68	ALL	669034	4341275.92	2.15E-03
69	ALL	669255.3	4341275.92	2.33E-03
70	ALL	669476.7	4341275.92	2.25E-03
71	ALL	669698	4341275.92	2.33E-03
72	ALL	669919.3	4341275.92	1.49E-03
73	ALL	670140.6	4341275.92	1.99E-03
74	ALL	670361.9	4341275.92	1.52E-03
75	ALL	670583.2	4341275.92	1.16E-03
76	ALL	670804.5	4341275.92	1.28E-03
77	ALL	671025.8	4341275.92	1.20E-03
78	ALL	671247.1	4341275.92	1.23E-03
79	ALL	671468.4	4341275.92	1.38E-03
80	ALL	671689.8	4341275.92	2.82E-03
81	ALL	671911.1	4341275.92	2.88E-03
82	ALL	672132.4	4341275.92	2.00E-03
83	ALL	672353.7	4341275.92	1.50E-03
84	ALL	672575	4341275.92	1.61E-03
85	ALL	668148.8	4341440.88	1.08E-02
86	ALL	668370.1	4341440.88	6.67E-03
87	ALL	668591.4	4341440.88	4.51E-03
88	ALL	668812.7	4341440.88	2.23E-03
89	ALL	669034	4341440.88	2.28E-03
90	ALL	669255.3	4341440.88	2.68E-03
91	ALL	669476.7	4341440.88	2.25E-03
92	ALL	669698	4341440.88	2.29E-03
93	ALL	669919.3	4341440.88	1.84E-03
94	ALL	670140.6	4341440.88	2.00E-03
95	ALL	670361.9	4341440.88	1.26E-03
96	ALL	670583.2	4341440.88	1.18E-03
97	ALL	670804.5	4341440.88	9.28E-04
98	ALL	671025.8	4341440.88	1.29E-03
99	ALL	671689.8	4341440.88	3.49E-03
100	ALL	671911.1	4341440.88	3.25E-03

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101	ALL	672132.4	4341440.88	1.69E-03
102	ALL	672353.7	4341440.88	1.12E-03
103	ALL	672575	4341440.88	1.10E-03
104	ALL	668148.8	4341605.84	5.36E-03
105	ALL	668370.1	4341605.84	3.79E-03
106	ALL	668591.4	4341605.84	2.99E-03
107	ALL	668812.7	4341605.84	2.52E-03
108	ALL	669034	4341605.84	2.79E-03
109	ALL	669255.3	4341605.84	2.75E-03
110	ALL	669476.7	4341605.84	2.37E-03
111	ALL	669698	4341605.84	2.16E-03
112	ALL	669919.3	4341605.84	2.16E-03
113	ALL	670140.6	4341605.84	1.82E-03
114	ALL	670361.9	4341605.84	1.44E-03
115	ALL	670583.2	4341605.84	1.04E-03
116	ALL	670804.5	4341605.84	1.27E-03
117	ALL	671025.8	4341605.84	1.47E-03
118	ALL	671689.8	4341605.84	3.89E-03
119	ALL	671911.1	4341605.84	2.73E-03
120	ALL	672132.4	4341605.84	1.41E-03
121	ALL	672353.7	4341605.84	1.47E-03
122	ALL	672575	4341605.84	1.35E-03
123	ALL	668148.8	4341770.8	1.01E-02
124	ALL	668370.1	4341770.8	3.52E-03
125	ALL	668591.4	4341770.8	4.39E-03
126	ALL	668812.7	4341770.8	3.71E-03
127	ALL	669034	4341770.8	2.90E-03
128	ALL	669255.3	4341770.8	2.47E-03
129	ALL	669476.7	4341770.8	2.38E-03
130	ALL	669698	4341770.8	1.93E-03
131	ALL	669919.3	4341770.8	2.30E-03
132	ALL	670140.6	4341770.8	1.60E-03
133	ALL	670361.9	4341770.8	1.28E-03
134	ALL	670583.2	4341770.8	1.14E-03
135	ALL	670804.5	4341770.8	1.97E-03
136	ALL	671025.8	4341770.8	4.17E-03
137	ALL	671689.8	4341770.8	3.38E-03
138	ALL	671911.1	4341770.8	2.26E-03
139	ALL	672132.4	4341770.8	1.55E-03
140	ALL	672353.7	4341770.8	1.31E-03
141	ALL	672575	4341770.8	1.28E-03
142	ALL	668148.8	4341935.76	1.39E-02
143	ALL	668370.1	4341935.76	1.17E-02
144	ALL	668591.4	4341935.76	4.93E-03
145	ALL	668812.7	4341935.76	3.06E-03
146	ALL	669034	4341935.76	2.68E-03
147	ALL	669255.3	4341935.76	2.67E-03
148	ALL	669476.7	4341935.76	2.40E-03
149	ALL	669698	4341935.76	2.17E-03
150	ALL	669919.3	4341935.76	1.94E-03

Unmitigated Acute Risk

151	ALL	670140.6	4341935.76	1.66E-03
152	ALL	670361.9	4341935.76	1.06E-03
153	ALL	670583.2	4341935.76	1.68E-03
154	ALL	670804.5	4341935.76	3.77E-03
155	ALL	671468.4	4341935.76	3.98E-03
156	ALL	671689.8	4341935.76	2.80E-03
157	ALL	671911.1	4341935.76	2.28E-03
158	ALL	672132.4	4341935.76	1.38E-03
159	ALL	672353.7	4341935.76	1.15E-03
160	ALL	672575	4341935.76	1.43E-03
161	ALL	668148.8	4342100.72	1.60E-02
162	ALL	668370.1	4342100.72	6.55E-03
163	ALL	668591.4	4342100.72	3.76E-03
164	ALL	668812.7	4342100.72	3.00E-03
165	ALL	669034	4342100.72	2.76E-03
166	ALL	669255.3	4342100.72	3.04E-03
167	ALL	669476.7	4342100.72	2.55E-03
168	ALL	669698	4342100.72	2.66E-03
169	ALL	669919.3	4342100.72	2.22E-03
170	ALL	670140.6	4342100.72	1.46E-03
171	ALL	670361.9	4342100.72	1.97E-03
172	ALL	670583.2	4342100.72	4.05E-03
173	ALL	671468.4	4342100.72	3.29E-03
174	ALL	671689.8	4342100.72	2.28E-03
175	ALL	671911.1	4342100.72	1.92E-03
176	ALL	672132.4	4342100.72	1.44E-03
177	ALL	672353.7	4342100.72	1.01E-03
178	ALL	672575	4342100.72	1.12E-03
179	ALL	668148.8	4342265.68	1.64E-02
180	ALL	668370.1	4342265.68	6.48E-03
181	ALL	668591.4	4342265.68	1.07E-02
182	ALL	668812.7	4342265.68	7.49E-03
183	ALL	669034	4342265.68	6.44E-03
184	ALL	669255.3	4342265.68	4.03E-03
185	ALL	669476.7	4342265.68	3.30E-03
186	ALL	669698	4342265.68	2.93E-03
187	ALL	669919.3	4342265.68	2.17E-03
188	ALL	670140.6	4342265.68	2.21E-03
189	ALL	670361.9	4342265.68	4.58E-03
190	ALL	670583.2	4342265.68	4.76E-03
191	ALL	670804.5	4342265.68	3.38E-03
192	ALL	671025.8	4342265.68	4.53E-03
193	ALL	671247.1	4342265.68	4.21E-03
194	ALL	671468.4	4342265.68	3.16E-03
195	ALL	671689.8	4342265.68	2.01E-03
196	ALL	671911.1	4342265.68	1.48E-03
197	ALL	672132.4	4342265.68	1.16E-03
198	ALL	672353.7	4342265.68	8.73E-04
199	ALL	672575	4342265.68	6.81E-04
200	ALL	668148.8	4342430.64	1.86E-02

Unmitigated Acute Risk

201	ALL	668370.1	4342430.64	1.96E-02
202	ALL	668591.4	4342430.64	2.16E-02
203	ALL	668812.7	4342430.64	2.25E-02
204	ALL	669034	4342430.64	2.50E-02
205	ALL	669255.3	4342430.64	2.00E-02
206	ALL	669476.7	4342430.64	6.38E-03
207	ALL	669698	4342430.64	3.90E-03
208	ALL	669919.3	4342430.64	3.96E-03
209	ALL	670140.6	4342430.64	6.17E-03
210	ALL	670361.9	4342430.64	5.18E-03
211	ALL	670583.2	4342430.64	3.08E-03
212	ALL	670804.5	4342430.64	3.46E-03
213	ALL	671025.8	4342430.64	3.91E-03
214	ALL	671247.1	4342430.64	2.39E-03
215	ALL	671468.4	4342430.64	2.29E-03
216	ALL	671689.8	4342430.64	1.14E-03
217	ALL	671911.1	4342430.64	9.88E-04
218	ALL	672132.4	4342430.64	1.08E-03
219	ALL	672353.7	4342430.64	9.76E-04
220	ALL	672575	4342430.64	7.94E-04
221	ALL	668148.8	4342595.6	2.15E-02
222	ALL	668370.1	4342595.6	2.34E-02
223	ALL	668591.4	4342595.6	2.50E-02
224	ALL	668812.7	4342595.6	2.72E-02
225	ALL	669034	4342595.6	3.10E-02
226	ALL	669255.3	4342595.6	2.24E-02
227	ALL	669476.7	4342595.6	9.26E-03
228	ALL	669698	4342595.6	6.09E-03
229	ALL	669919.3	4342595.6	8.35E-03
230	ALL	670140.6	4342595.6	5.24E-03
231	ALL	670361.9	4342595.6	3.48E-03
232	ALL	670583.2	4342595.6	2.89E-03
233	ALL	670804.5	4342595.6	3.11E-03
234	ALL	671025.8	4342595.6	3.14E-03
235	ALL	671247.1	4342595.6	2.11E-03
236	ALL	671468.4	4342595.6	1.94E-03
237	ALL	671689.8	4342595.6	1.26E-03
238	ALL	671911.1	4342595.6	1.01E-03
239	ALL	672132.4	4342595.6	1.01E-03
240	ALL	672353.7	4342595.6	1.03E-03
241	ALL	672575	4342595.6	7.45E-04
242	ALL	668148.8	4342760.56	2.90E-02
243	ALL	668370.1	4342760.56	2.79E-02
244	ALL	668591.4	4342760.56	3.21E-02
245	ALL	668812.7	4342760.56	3.08E-02
246	ALL	669034	4342760.56	1.27E-02
247	ALL	669255.3	4342760.56	8.92E-03
248	ALL	669476.7	4342760.56	1.08E-02
249	ALL	669698	4342760.56	7.13E-03
250	ALL	669919.3	4342760.56	4.78E-03

Unmitigated Acute Risk

251	ALL	670140.6	4342760.56	3.42E-03
252	ALL	670361.9	4342760.56	2.87E-03
253	ALL	670583.2	4342760.56	2.22E-03
254	ALL	670804.5	4342760.56	2.82E-03
255	ALL	671025.8	4342760.56	2.53E-03
256	ALL	671247.1	4342760.56	1.67E-03
257	ALL	671468.4	4342760.56	1.42E-03
258	ALL	671689.8	4342760.56	1.09E-03
259	ALL	671911.1	4342760.56	8.62E-04
260	ALL	672132.4	4342760.56	8.07E-04
261	ALL	672353.7	4342760.56	1.01E-03
262	ALL	672575	4342760.56	9.10E-04
263	ALL	668148.8	4342925.52	3.45E-02
264	ALL	668370.1	4342925.52	3.90E-02
265	ALL	668591.4	4342925.52	2.17E-02
266	ALL	668812.7	4342925.52	2.54E-02
267	ALL	669034	4342925.52	1.79E-02
268	ALL	669476.7	4342925.52	1.45E-02
269	ALL	669698	4342925.52	4.91E-03
270	ALL	669919.3	4342925.52	3.49E-03
271	ALL	670140.6	4342925.52	3.07E-03
272	ALL	670361.9	4342925.52	2.65E-03
273	ALL	670583.2	4342925.52	2.44E-03
274	ALL	670804.5	4342925.52	2.60E-03
275	ALL	671025.8	4342925.52	1.67E-03
276	ALL	671247.1	4342925.52	1.53E-03
277	ALL	671468.4	4342925.52	1.24E-03
278	ALL	671689.8	4342925.52	1.04E-03
279	ALL	671911.1	4342925.52	1.01E-03
280	ALL	672132.4	4342925.52	8.09E-04
281	ALL	672353.7	4342925.52	1.14E-03
282	ALL	672575	4342925.52	1.47E-03
283	ALL	668148.8	4343090.48	3.29E-02
284	ALL	668370.1	4343090.48	4.54E-02
285	ALL	668591.4	4343090.48	3.03E-02
286	ALL	669476.7	4343090.48	1.78E-02
287	ALL	669698	4343090.48	1.00E-02
288	ALL	669919.3	4343090.48	6.44E-03
289	ALL	670140.6	4343090.48	4.80E-03
290	ALL	670361.9	4343090.48	5.31E-03
291	ALL	670583.2	4343090.48	5.79E-03
292	ALL	670804.5	4343090.48	4.36E-03
293	ALL	671025.8	4343090.48	2.81E-03
294	ALL	671247.1	4343090.48	2.67E-03
295	ALL	671468.4	4343090.48	2.20E-03
296	ALL	671689.8	4343090.48	1.98E-03
297	ALL	671911.1	4343090.48	1.95E-03
298	ALL	672132.4	4343090.48	1.79E-03
299	ALL	672353.7	4343090.48	1.59E-03
300	ALL	672575	4343090.48	1.77E-03

Unmitigated Acute Risk

301	ALL	668148.8	4343255.44	3.39E-02
302	ALL	668370.1	4343255.44	4.76E-02
303	ALL	668591.4	4343255.44	7.21E-02
304	ALL	669476.7	4343255.44	1.02E-02
305	ALL	669698	4343255.44	8.30E-03
306	ALL	669919.3	4343255.44	6.14E-03
307	ALL	670140.6	4343255.44	5.34E-03
308	ALL	670361.9	4343255.44	5.40E-03
309	ALL	670583.2	4343255.44	5.37E-03
310	ALL	670804.5	4343255.44	4.11E-03
311	ALL	671025.8	4343255.44	2.29E-03
312	ALL	671247.1	4343255.44	2.11E-03
313	ALL	671468.4	4343255.44	1.84E-03
314	ALL	671689.8	4343255.44	1.58E-03
315	ALL	671911.1	4343255.44	1.54E-03
316	ALL	672132.4	4343255.44	1.48E-03
317	ALL	672353.7	4343255.44	1.34E-03
318	ALL	672575	4343255.44	1.23E-03
319	ALL	668148.8	4343420.4	3.58E-02
320	ALL	668370.1	4343420.4	4.29E-02
321	ALL	668591.4	4343420.4	5.60E-02
322	ALL	668812.7	4343420.4	6.34E-02
323	ALL	669034	4343420.4	6.98E-02
324	ALL	669255.3	4343420.4	3.78E-02
325	ALL	669476.7	4343420.4	2.10E-02
326	ALL	669698	4343420.4	7.72E-03
327	ALL	669919.3	4343420.4	6.51E-03
328	ALL	670140.6	4343420.4	7.58E-03
329	ALL	670361.9	4343420.4	4.96E-03
330	ALL	670583.2	4343420.4	4.75E-03
331	ALL	670804.5	4343420.4	3.47E-03
332	ALL	671025.8	4343420.4	2.68E-03
333	ALL	671247.1	4343420.4	2.09E-03
334	ALL	671468.4	4343420.4	1.50E-03
335	ALL	671689.8	4343420.4	1.18E-03
336	ALL	671911.1	4343420.4	9.68E-04
337	ALL	672132.4	4343420.4	8.61E-04
338	ALL	672353.7	4343420.4	6.75E-04
339	ALL	672575	4343420.4	5.59E-04
340	ALL	668148.8	4343585.36	1.59E-02
341	ALL	668370.1	4343585.36	1.87E-02
342	ALL	668591.4	4343585.36	4.18E-02
343	ALL	668812.7	4343585.36	2.77E-02
344	ALL	669034	4343585.36	1.27E-02
345	ALL	669255.3	4343585.36	1.19E-02
346	ALL	669476.7	4343585.36	1.08E-02
347	ALL	669698	4343585.36	1.10E-02
348	ALL	669919.3	4343585.36	1.27E-02
349	ALL	670140.6	4343585.36	1.18E-02
350	ALL	670361.9	4343585.36	9.24E-03

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351	ALL	670583.2	4343585.36	5.77E-03
352	ALL	670804.5	4343585.36	2.64E-03
353	ALL	671025.8	4343585.36	2.27E-03
354	ALL	671247.1	4343585.36	1.70E-03
355	ALL	671468.4	4343585.36	1.50E-03
356	ALL	671689.8	4343585.36	1.38E-03
357	ALL	671911.1	4343585.36	1.24E-03
358	ALL	672132.4	4343585.36	1.23E-03
359	ALL	672353.7	4343585.36	1.10E-03
360	ALL	672575	4343585.36	9.62E-04
361	ALL	668148.8	4343750.32	1.77E-02
362	ALL	668370.1	4343750.32	8.96E-03
363	ALL	668591.4	4343750.32	1.08E-02
364	ALL	668812.7	4343750.32	1.37E-02
365	ALL	669034	4343750.32	6.11E-03
366	ALL	669255.3	4343750.32	5.61E-03
367	ALL	669476.7	4343750.32	8.49E-03
368	ALL	669698	4343750.32	7.32E-03
369	ALL	669919.3	4343750.32	6.74E-03
370	ALL	670140.6	4343750.32	7.36E-03
371	ALL	670361.9	4343750.32	7.42E-03
372	ALL	670583.2	4343750.32	8.07E-03
373	ALL	670804.5	4343750.32	6.48E-03
374	ALL	671025.8	4343750.32	3.94E-03
375	ALL	671247.1	4343750.32	1.58E-03
376	ALL	671468.4	4343750.32	1.08E-03
377	ALL	671689.8	4343750.32	1.18E-03
378	ALL	671911.1	4343750.32	1.00E-03
379	ALL	672132.4	4343750.32	9.03E-04
380	ALL	672353.7	4343750.32	8.88E-04
381	ALL	672575	4343750.32	9.17E-04
382	ALL	668148.8	4343915.28	2.39E-02
383	ALL	668370.1	4343915.28	8.84E-03
384	ALL	668591.4	4343915.28	6.70E-03
385	ALL	668812.7	4343915.28	6.94E-03
386	ALL	669034	4343915.28	4.89E-03
387	ALL	669255.3	4343915.28	3.94E-03
388	ALL	669476.7	4343915.28	5.06E-03
389	ALL	669698	4343915.28	6.53E-03
390	ALL	669919.3	4343915.28	5.90E-03
391	ALL	670140.6	4343915.28	5.08E-03
392	ALL	670361.9	4343915.28	5.20E-03
393	ALL	670583.2	4343915.28	4.77E-03
394	ALL	670804.5	4343915.28	5.51E-03
395	ALL	671025.8	4343915.28	4.13E-03
396	ALL	671247.1	4343915.28	4.55E-03
397	ALL	671468.4	4343915.28	2.08E-03
398	ALL	671689.8	4343915.28	1.14E-03
399	ALL	671911.1	4343915.28	6.21E-04
400	ALL	672132.4	4343915.28	6.23E-04

401	ALL	672353.7	4343915.28	6.34E-04
402	ALL	672575	4343915.28	5.87E-04
403	ALL	668148.8	4344080.24	1.64E-02
404	ALL	668370.1	4344080.24	1.10E-02
405	ALL	668591.4	4344080.24	5.82E-03
406	ALL	668812.7	4344080.24	4.92E-03
407	ALL	669034	4344080.24	4.06E-03
408	ALL	669255.3	4344080.24	2.87E-03
409	ALL	669476.7	4344080.24	5.83E-03
410	ALL	669698	4344080.24	6.60E-03
411	ALL	669919.3	4344080.24	4.43E-03
412	ALL	670140.6	4344080.24	4.11E-03
413	ALL	670361.9	4344080.24	3.98E-03
414	ALL	670583.2	4344080.24	4.28E-03
415	ALL	670804.5	4344080.24	3.32E-03
416	ALL	671025.8	4344080.24	2.23E-03
417	ALL	671247.1	4344080.24	3.69E-03
418	ALL	671468.4	4344080.24	3.55E-03
419	ALL	671689.8	4344080.24	1.59E-03
420	ALL	671911.1	4344080.24	6.93E-04
421	ALL	672132.4	4344080.24	4.20E-04
422	ALL	672353.7	4344080.24	4.24E-04
423	ALL	672575	4344080.24	4.57E-04
424	ALL	671464.7	4342094.27	3.36E-03
425	ALL	671482.2	4342063.91	3.35E-03
426	ALL	671498.6	4342030.05	3.27E-03
427	ALL	671513.8	4341991.52	3.39E-03
428	ALL	671541.8	4341964.66	3.23E-03
429	ALL	671575.6	4341974	2.96E-03
430	ALL	671460.8	4342162.97	2.84E-03
431	ALL	671451	4342187.35	2.58E-03
432	ALL	671510.7	4342219.66	2.53E-03
433	ALL	671524.1	4342192.84	2.52E-03
434	ALL	671522.9	4342250.74	2.47E-03
435	ALL	671599.1	4342252.57	2.25E-03
436	ALL	671627.8	4342256.84	2.20E-03
437	ALL	671583.9	4342116.03	2.43E-03
438	ALL	671595.5	4342071.54	2.51E-03
439	ALL	671663.1	4342056.3	2.44E-03
440	ALL	671600.9	4342030.09	2.70E-03
441	ALL	671526.6	4342155.65	2.64E-03
442	ALL	671629	4342292.19	2.08E-03
443	ALL	671641.8	4341980.71	2.68E-03
444	ALL	671666.8	4342018.51	2.54E-03
445	ALL	671407.1	4342219.66	4.13E-03
446	ALL	671415.6	4342183.08	4.39E-03
447	ALL	671635.1	4341706.42	4.86E-03
448	ALL	671693.6	4341710.08	3.83E-03
449	ALL	671719.8	4341736.29	3.36E-03
450	ALL	671673.5	4341630.23	4.16E-03

Unmitigated Acute Risk

451	ALL	671888	4341936.22	2.37E-03
452	ALL	671977.6	4341952.07	1.98E-03
453	ALL	672039.2	4341894.77	1.78E-03
454	ALL	671858.2	4341753.96	2.11E-03
455	ALL	671922.8	4341634.49	2.49E-03
456	ALL	671613.7	4341791.15	3.98E-03
457	ALL	671853.3	4341730.8	2.19E-03
458	ALL	671783.8	4341585.73	3.24E-03
459	ALL	671783.2	4341546.72	3.28E-03
460	ALL	671769.2	4341461.38	3.49E-03
461	ALL	671800.9	4341420.54	3.31E-03
462	ALL	671880.1	4341427.25	3.44E-03
463	ALL	672012.4	4341504.66	2.07E-03
464	ALL	672084.3	4341547.94	1.69E-03
465	ALL	671915.5	4341478.45	3.17E-03
466	ALL	671903.3	4341564.4	2.99E-03
467	ALL	671863.1	4341522.34	3.42E-03
468	ALL	671830.1	4341336.43	3.10E-03
469	ALL	671835.6	4341287.66	2.89E-03
470	ALL	671825.9	4341275.47	2.78E-03
471	ALL	672136.7	4341370.56	1.83E-03
472	ALL	671920.3	4341307.17	2.94E-03
473	ALL	671695.4	4341257.19	2.62E-03
474	ALL	671682	4341176.12	1.68E-03
475	ALL	671991.7	4341196.23	2.45E-03
476	ALL	672022.1	4341231.59	2.51E-03
477	ALL	671992.3	4341177.95	2.18E-03
478	ALL	671540.6	4341238.29	1.09E-03
479	ALL	671575.3	4341177.95	1.01E-03
480	ALL	671454.7	4341196.23	9.98E-04
481	ALL	671523.5	4341116.38	9.24E-04
482	ALL	671413.2	4341126.74	9.34E-04
483	ALL	671471.1	4341064.57	8.81E-04
484	ALL	671601.6	4341050.55	1.11E-03
485	ALL	671198.6	4341253.53	1.28E-03
486	ALL	671278.5	4341212.08	9.48E-04
487	ALL	671230.3	4341132.84	1.12E-03
488	ALL	671073.1	4341271.82	1.20E-03
489	ALL	671122.5	4341373.61	1.32E-03
490	ALL	671118.8	4341397.38	1.34E-03
491	ALL	670978.4	4341324.15	1.20E-03
492	ALL	670932.9	4341394.21	1.28E-03
493	ALL	670935.2	4341367.36	1.25E-03
494	ALL	671108	4340976.17	1.18E-03
495	ALL	671286.7	4340978.51	8.12E-04
496	ALL	671675.4	4342488.78	1.18E-03
497	ALL	671091.4	4342277.23	4.88E-03
498	ALL	671051.8	4342332.07	4.32E-03
499	ALL	671051.8	4342369.2	4.32E-03
500	ALL	670953	4342360.76	4.11E-03

Unmitigated Acute Risk

501	ALL	670695.7	4342235.89	4.19E-03
502	ALL	670545.5	4342318.58	4.50E-03
503	ALL	670711.7	4342488.16	3.33E-03
504	ALL	670648.3	4342501.73	3.13E-03
505	ALL	670648.3	4342630.87	2.38E-03
506	ALL	670806.3	4342728.41	2.66E-03
507	ALL	670688.2	4342739.41	1.95E-03
508	ALL	670804.9	4342427.55	3.47E-03
509	ALL	670439.5	4342471.51	3.37E-03
510	ALL	670358.4	4342578.67	3.55E-03
511	ALL	670546.6	4342662.47	2.91E-03
512	ALL	670537	4342595.15	3.05E-03
513	ALL	670483.5	4342776.5	2.41E-03
514	ALL	670508.2	4342754.52	2.36E-03
515	ALL	670517.8	4342868.54	2.60E-03
516	ALL	670545.3	4342850.69	2.51E-03
517	ALL	670582.4	4342878.16	2.53E-03
518	ALL	670304.9	4342688.57	3.21E-03
519	ALL	670039.7	4342661.1	5.55E-03
520	ALL	670156.5	4342673.46	3.96E-03
521	ALL	670236.2	4342648.73	3.69E-03
522	ALL	670071.3	4342738.03	3.93E-03
523	ALL	669990.2	4342753.14	4.37E-03
524	ALL	669928.4	4342742.15	5.11E-03
525	ALL	669815.8	4342673.46	7.79E-03
526	ALL	669743	4342655.6	7.30E-03
527	ALL	669791	4342744.9	6.67E-03
528	ALL	669696.3	4342731.16	7.30E-03
529	ALL	669536.9	4342552.57	7.95E-03
530	ALL	671174.9	4342280.21	2.88E-02
531	ALL	671068.4	4342169.93	4.43E-02
532	ALL	670965.7	4342179.44	2.47E-02
533	ALL	670815.5	4342198.45	2.53E-02
534	ALL	670737.6	4342097.68	1.92E-02
535	ALL	670762.3	4342069.16	2.29E-02
536	ALL	670817.4	4342040.64	2.13E-02
537	ALL	670895.4	4342025.43	2.09E-02
538	ALL	670979	4341915.15	8.95E-03
539	ALL	671115.9	4341863.81	6.69E-03
540	ALL	671199.6	4341770.65	5.60E-03
541	ALL	671222.4	4341377.07	9.04E-03
542	ALL	671714.8	4341392.28	9.15E-03
543	ALL	671366.9	4341998.81	7.88E-03
544	ALL	671226.2	4342236.48	6.63E-03
545	ALL	669098.4	4343411.59	6.45E-03
546	ALL	668908.6	4343364.56	4.84E-02
547	ALL	668851.5	4343359.52	6.38E-02
548	ALL	668831.4	4343371.27	6.60E-02
549	ALL	668733.9	4343302.41	2.02E-02
550	ALL	668686.9	4343199.95	1.36E-02

Unmitigated Acute Risk

551	ALL	668671.8	4343089.09	5.32E-02
552	ALL	668806.2	4343001.74	6.57E-02
553	ALL	668918.7	4343025.26	2.01E-02
554	ALL	669024.5	4342942.95	1.06E-02
555	ALL	669288.2	4342916.08	1.11E-02
556	ALL	669333.6	4342922.8	1.15E-02
557	ALL	669365.5	4342978.23	9.65E-03
558	ALL	669337	4343151.23	9.44E-03
559	ALL	669303.4	4343304.09	3.26E-03
560	ALL	669222.7	4343235.22	2.74E-03
561	ALL	669135.4	4343305.77	2.60E-03
562	ALL	671174.9	4342280.21	4.73E-03

Mitigated Acute Risk

REC	GRP	X	Y	MAXHI
1	ALL	668148.79	4340781.04	3.93E-03
2	ALL	668370.1	4340781.04	3.29E-03
3	ALL	668591.41	4340781.04	3.14E-03
4	ALL	668812.72	4340781.04	3.12E-03
5	ALL	669034.03	4340781.04	3.24E-03
6	ALL	669255.34	4340781.04	2.01E-03
7	ALL	669476.65	4340781.04	2.30E-03
8	ALL	669697.96	4340781.04	1.64E-03
9	ALL	669919.27	4340781.04	1.83E-03
10	ALL	670140.58	4340781.04	1.10E-03
11	ALL	670361.89	4340781.04	1.72E-03
12	ALL	670583.2	4340781.04	1.95E-03
13	ALL	670804.51	4340781.04	1.25E-03
14	ALL	671025.82	4340781.04	1.36E-03
15	ALL	671247.13	4340781.04	8.62E-04
16	ALL	671468.44	4340781.04	8.56E-04
17	ALL	671689.75	4340781.04	1.00E-03
18	ALL	671911.06	4340781.04	9.37E-04
19	ALL	672132.37	4340781.04	6.94E-04
20	ALL	672353.68	4340781.04	1.05E-03
21	ALL	672574.99	4340781.04	1.64E-03
22	ALL	668148.79	4340946	7.61E-03
23	ALL	668370.1	4340946	6.33E-03
24	ALL	668591.41	4340946	5.45E-03
25	ALL	668812.72	4340946	4.60E-03
26	ALL	669034.03	4340946	3.07E-03
27	ALL	669255.34	4340946	2.23E-03
28	ALL	669476.65	4340946	2.41E-03
29	ALL	669697.96	4340946	1.79E-03
30	ALL	669919.27	4340946	1.79E-03
31	ALL	670140.58	4340946	1.48E-03
32	ALL	670361.89	4340946	2.00E-03
33	ALL	670583.2	4340946	1.91E-03
34	ALL	670804.51	4340946	1.49E-03
35	ALL	671025.82	4340946	1.36E-03
36	ALL	671247.13	4340946	7.95E-04
37	ALL	671468.44	4340946	8.56E-04
38	ALL	671689.75	4340946	1.14E-03
39	ALL	671911.06	4340946	1.20E-03
40	ALL	672132.37	4340946	7.74E-04
41	ALL	672353.68	4340946	1.60E-03
42	ALL	672574.99	4340946	2.23E-03
43	ALL	668148.79	4341110.96	9.61E-03
44	ALL	668370.1	4341110.96	8.91E-03
45	ALL	668591.41	4341110.96	5.93E-03
46	ALL	668812.72	4341110.96	3.98E-03
47	ALL	669034.03	4341110.96	3.78E-03
48	ALL	669255.34	4341110.96	3.08E-03
49	ALL	669476.65	4341110.96	2.33E-03

Mitigated Acute Risk

50	ALL	669697.96	4341110.96	1.97E-03
51	ALL	669919.27	4341110.96	1.73E-03
52	ALL	670140.58	4341110.96	1.85E-03
53	ALL	670361.89	4341110.96	1.95E-03
54	ALL	670583.2	4341110.96	1.04E-03
55	ALL	670804.51	4341110.96	1.49E-03
56	ALL	671025.82	4341110.96	1.14E-03
57	ALL	671247.13	4341110.96	9.58E-04
58	ALL	671468.44	4341110.96	8.86E-04
59	ALL	671689.75	4341110.96	1.55E-03
60	ALL	671911.06	4341110.96	1.73E-03
61	ALL	672132.37	4341110.96	1.47E-03
62	ALL	672353.68	4341110.96	1.83E-03
63	ALL	672574.99	4341110.96	2.21E-03
64	ALL	668148.79	4341275.92	1.01E-02
65	ALL	668370.1	4341275.92	7.09E-03
66	ALL	668591.41	4341275.92	5.12E-03
67	ALL	668812.72	4341275.92	2.70E-03
68	ALL	669034.03	4341275.92	2.15E-03
69	ALL	669255.34	4341275.92	2.33E-03
70	ALL	669476.65	4341275.92	2.25E-03
71	ALL	669697.96	4341275.92	2.33E-03
72	ALL	669919.27	4341275.92	1.49E-03
73	ALL	670140.58	4341275.92	1.99E-03
74	ALL	670361.89	4341275.92	1.52E-03
75	ALL	670583.2	4341275.92	1.16E-03
76	ALL	670804.51	4341275.92	1.28E-03
77	ALL	671025.82	4341275.92	1.20E-03
78	ALL	671247.13	4341275.92	1.23E-03
79	ALL	671468.44	4341275.92	1.38E-03
80	ALL	671689.75	4341275.92	2.82E-03
81	ALL	671911.06	4341275.92	2.88E-03
82	ALL	672132.37	4341275.92	2.00E-03
83	ALL	672353.68	4341275.92	1.50E-03
84	ALL	672574.99	4341275.92	1.61E-03
85	ALL	668148.79	4341440.88	1.08E-02
86	ALL	668370.1	4341440.88	6.67E-03
87	ALL	668591.41	4341440.88	4.51E-03
88	ALL	668812.72	4341440.88	2.23E-03
89	ALL	669034.03	4341440.88	2.28E-03
90	ALL	669255.34	4341440.88	2.68E-03
91	ALL	669476.65	4341440.88	2.25E-03
92	ALL	669697.96	4341440.88	2.29E-03
93	ALL	669919.27	4341440.88	1.84E-03
94	ALL	670140.58	4341440.88	2.00E-03
95	ALL	670361.89	4341440.88	1.26E-03
96	ALL	670583.2	4341440.88	1.18E-03
97	ALL	670804.51	4341440.88	9.28E-04
98	ALL	671025.82	4341440.88	1.29E-03
99	ALL	671689.75	4341440.88	3.49E-03

Mitigated Acute Risk

100	ALL	671911.06	4341440.88	3.25E-03
101	ALL	672132.37	4341440.88	1.69E-03
102	ALL	672353.68	4341440.88	1.12E-03
103	ALL	672574.99	4341440.88	1.10E-03
104	ALL	668148.79	4341605.84	5.36E-03
105	ALL	668370.1	4341605.84	3.79E-03
106	ALL	668591.41	4341605.84	2.99E-03
107	ALL	668812.72	4341605.84	2.52E-03
108	ALL	669034.03	4341605.84	2.79E-03
109	ALL	669255.34	4341605.84	2.75E-03
110	ALL	669476.65	4341605.84	2.37E-03
111	ALL	669697.96	4341605.84	2.16E-03
112	ALL	669919.27	4341605.84	2.16E-03
113	ALL	670140.58	4341605.84	1.82E-03
114	ALL	670361.89	4341605.84	1.44E-03
115	ALL	670583.2	4341605.84	1.04E-03
116	ALL	670804.51	4341605.84	1.27E-03
117	ALL	671025.82	4341605.84	1.47E-03
118	ALL	671689.75	4341605.84	3.89E-03
119	ALL	671911.06	4341605.84	2.73E-03
120	ALL	672132.37	4341605.84	1.41E-03
121	ALL	672353.68	4341605.84	1.47E-03
122	ALL	672574.99	4341605.84	1.35E-03
123	ALL	668148.79	4341770.8	1.01E-02
124	ALL	668370.1	4341770.8	3.52E-03
125	ALL	668591.41	4341770.8	4.39E-03
126	ALL	668812.72	4341770.8	3.71E-03
127	ALL	669034.03	4341770.8	2.90E-03
128	ALL	669255.34	4341770.8	2.47E-03
129	ALL	669476.65	4341770.8	2.38E-03
130	ALL	669697.96	4341770.8	1.93E-03
131	ALL	669919.27	4341770.8	2.30E-03
132	ALL	670140.58	4341770.8	1.60E-03
133	ALL	670361.89	4341770.8	1.28E-03
134	ALL	670583.2	4341770.8	1.14E-03
135	ALL	670804.51	4341770.8	1.97E-03
136	ALL	671025.82	4341770.8	4.17E-03
137	ALL	671689.75	4341770.8	3.38E-03
138	ALL	671911.06	4341770.8	2.26E-03
139	ALL	672132.37	4341770.8	1.55E-03
140	ALL	672353.68	4341770.8	1.31E-03
141	ALL	672574.99	4341770.8	1.28E-03
142	ALL	668148.79	4341935.76	1.39E-02
143	ALL	668370.1	4341935.76	1.17E-02
144	ALL	668591.41	4341935.76	4.93E-03
145	ALL	668812.72	4341935.76	3.06E-03
146	ALL	669034.03	4341935.76	2.68E-03
147	ALL	669255.34	4341935.76	2.67E-03
148	ALL	669476.65	4341935.76	2.40E-03
149	ALL	669697.96	4341935.76	2.17E-03

Mitigated Acute Risk

150	ALL	669919.27	4341935.76	1.94E-03
151	ALL	670140.58	4341935.76	1.66E-03
152	ALL	670361.89	4341935.76	1.06E-03
153	ALL	670583.2	4341935.76	1.68E-03
154	ALL	670804.51	4341935.76	3.77E-03
155	ALL	671468.44	4341935.76	3.98E-03
156	ALL	671689.75	4341935.76	2.80E-03
157	ALL	671911.06	4341935.76	2.28E-03
158	ALL	672132.37	4341935.76	1.38E-03
159	ALL	672353.68	4341935.76	1.15E-03
160	ALL	672574.99	4341935.76	1.43E-03
161	ALL	668148.79	4342100.72	1.60E-02
162	ALL	668370.1	4342100.72	6.55E-03
163	ALL	668591.41	4342100.72	3.76E-03
164	ALL	668812.72	4342100.72	3.00E-03
165	ALL	669034.03	4342100.72	2.76E-03
166	ALL	669255.34	4342100.72	3.04E-03
167	ALL	669476.65	4342100.72	2.55E-03
168	ALL	669697.96	4342100.72	2.66E-03
169	ALL	669919.27	4342100.72	2.22E-03
170	ALL	670140.58	4342100.72	1.46E-03
171	ALL	670361.89	4342100.72	1.97E-03
172	ALL	670583.2	4342100.72	4.05E-03
173	ALL	671468.44	4342100.72	3.29E-03
174	ALL	671689.75	4342100.72	2.28E-03
175	ALL	671911.06	4342100.72	1.92E-03
176	ALL	672132.37	4342100.72	1.44E-03
177	ALL	672353.68	4342100.72	1.01E-03
178	ALL	672574.99	4342100.72	1.12E-03
179	ALL	668148.79	4342265.68	1.64E-02
180	ALL	668370.1	4342265.68	6.48E-03
181	ALL	668591.41	4342265.68	1.07E-02
182	ALL	668812.72	4342265.68	7.49E-03
183	ALL	669034.03	4342265.68	6.44E-03
184	ALL	669255.34	4342265.68	4.03E-03
185	ALL	669476.65	4342265.68	3.30E-03
186	ALL	669697.96	4342265.68	2.93E-03
187	ALL	669919.27	4342265.68	2.17E-03
188	ALL	670140.58	4342265.68	2.21E-03
189	ALL	670361.89	4342265.68	4.58E-03
190	ALL	670583.2	4342265.68	4.76E-03
191	ALL	670804.51	4342265.68	3.38E-03
192	ALL	671025.82	4342265.68	4.53E-03
193	ALL	671247.13	4342265.68	4.21E-03
194	ALL	671468.44	4342265.68	3.16E-03
195	ALL	671689.75	4342265.68	2.01E-03
196	ALL	671911.06	4342265.68	1.48E-03
197	ALL	672132.37	4342265.68	1.16E-03
198	ALL	672353.68	4342265.68	8.73E-04
199	ALL	672574.99	4342265.68	6.81E-04

Mitigated Acute Risk

200	ALL	668148.79	4342430.64	1.86E-02
201	ALL	668370.1	4342430.64	1.96E-02
202	ALL	668591.41	4342430.64	2.16E-02
203	ALL	668812.72	4342430.64	2.25E-02
204	ALL	669034.03	4342430.64	2.50E-02
205	ALL	669255.34	4342430.64	2.00E-02
206	ALL	669476.65	4342430.64	6.38E-03
207	ALL	669697.96	4342430.64	3.90E-03
208	ALL	669919.27	4342430.64	3.96E-03
209	ALL	670140.58	4342430.64	6.17E-03
210	ALL	670361.89	4342430.64	5.18E-03
211	ALL	670583.2	4342430.64	3.08E-03
212	ALL	670804.51	4342430.64	3.46E-03
213	ALL	671025.82	4342430.64	3.91E-03
214	ALL	671247.13	4342430.64	2.39E-03
215	ALL	671468.44	4342430.64	2.29E-03
216	ALL	671689.75	4342430.64	1.14E-03
217	ALL	671911.06	4342430.64	9.88E-04
218	ALL	672132.37	4342430.64	1.08E-03
219	ALL	672353.68	4342430.64	9.76E-04
220	ALL	672574.99	4342430.64	7.94E-04
221	ALL	668148.79	4342595.6	2.15E-02
222	ALL	668370.1	4342595.6	2.34E-02
223	ALL	668591.41	4342595.6	2.50E-02
224	ALL	668812.72	4342595.6	2.72E-02
225	ALL	669034.03	4342595.6	3.10E-02
226	ALL	669255.34	4342595.6	2.24E-02
227	ALL	669476.65	4342595.6	9.26E-03
228	ALL	669697.96	4342595.6	6.09E-03
229	ALL	669919.27	4342595.6	8.35E-03
230	ALL	670140.58	4342595.6	5.24E-03
231	ALL	670361.89	4342595.6	3.48E-03
232	ALL	670583.2	4342595.6	2.89E-03
233	ALL	670804.51	4342595.6	3.11E-03
234	ALL	671025.82	4342595.6	3.14E-03
235	ALL	671247.13	4342595.6	2.11E-03
236	ALL	671468.44	4342595.6	1.94E-03
237	ALL	671689.75	4342595.6	1.26E-03
238	ALL	671911.06	4342595.6	1.01E-03
239	ALL	672132.37	4342595.6	1.01E-03
240	ALL	672353.68	4342595.6	1.03E-03
241	ALL	672574.99	4342595.6	7.45E-04
242	ALL	668148.79	4342760.56	2.90E-02
243	ALL	668370.1	4342760.56	2.79E-02
244	ALL	668591.41	4342760.56	3.21E-02
245	ALL	668812.72	4342760.56	3.08E-02
246	ALL	669034.03	4342760.56	1.27E-02
247	ALL	669255.34	4342760.56	8.92E-03
248	ALL	669476.65	4342760.56	1.08E-02
249	ALL	669697.96	4342760.56	7.13E-03

Mitigated Acute Risk

250	ALL	669919.27	4342760.56	4.78E-03
251	ALL	670140.58	4342760.56	3.42E-03
252	ALL	670361.89	4342760.56	2.87E-03
253	ALL	670583.2	4342760.56	2.22E-03
254	ALL	670804.51	4342760.56	2.82E-03
255	ALL	671025.82	4342760.56	2.53E-03
256	ALL	671247.13	4342760.56	1.67E-03
257	ALL	671468.44	4342760.56	1.42E-03
258	ALL	671689.75	4342760.56	1.09E-03
259	ALL	671911.06	4342760.56	8.62E-04
260	ALL	672132.37	4342760.56	8.07E-04
261	ALL	672353.68	4342760.56	1.01E-03
262	ALL	672574.99	4342760.56	9.10E-04
263	ALL	668148.79	4342925.52	3.45E-02
264	ALL	668370.1	4342925.52	3.90E-02
265	ALL	668591.41	4342925.52	2.17E-02
266	ALL	668812.72	4342925.52	2.54E-02
267	ALL	669034.03	4342925.52	1.79E-02
268	ALL	669476.65	4342925.52	1.45E-02
269	ALL	669697.96	4342925.52	4.91E-03
270	ALL	669919.27	4342925.52	3.49E-03
271	ALL	670140.58	4342925.52	3.07E-03
272	ALL	670361.89	4342925.52	2.65E-03
273	ALL	670583.2	4342925.52	2.44E-03
274	ALL	670804.51	4342925.52	2.60E-03
275	ALL	671025.82	4342925.52	1.67E-03
276	ALL	671247.13	4342925.52	1.53E-03
277	ALL	671468.44	4342925.52	1.24E-03
278	ALL	671689.75	4342925.52	1.04E-03
279	ALL	671911.06	4342925.52	1.01E-03
280	ALL	672132.37	4342925.52	8.09E-04
281	ALL	672353.68	4342925.52	1.14E-03
282	ALL	672574.99	4342925.52	1.47E-03
283	ALL	668148.79	4343090.48	3.29E-02
284	ALL	668370.1	4343090.48	4.54E-02
285	ALL	668591.41	4343090.48	3.03E-02
286	ALL	669476.65	4343090.48	1.78E-02
287	ALL	669697.96	4343090.48	1.00E-02
288	ALL	669919.27	4343090.48	6.44E-03
289	ALL	670140.58	4343090.48	4.80E-03
290	ALL	670361.89	4343090.48	5.31E-03
291	ALL	670583.2	4343090.48	5.79E-03
292	ALL	670804.51	4343090.48	4.36E-03
293	ALL	671025.82	4343090.48	2.81E-03
294	ALL	671247.13	4343090.48	2.67E-03
295	ALL	671468.44	4343090.48	2.20E-03
296	ALL	671689.75	4343090.48	1.98E-03
297	ALL	671911.06	4343090.48	1.95E-03
298	ALL	672132.37	4343090.48	1.79E-03
299	ALL	672353.68	4343090.48	1.59E-03

Mitigated Acute Risk

300	ALL	672574.99	4343090.48	1.77E-03
301	ALL	668148.79	4343255.44	3.39E-02
302	ALL	668370.1	4343255.44	4.76E-02
303	ALL	668591.41	4343255.44	7.21E-02
304	ALL	669476.65	4343255.44	1.02E-02
305	ALL	669697.96	4343255.44	8.30E-03
306	ALL	669919.27	4343255.44	6.14E-03
307	ALL	670140.58	4343255.44	5.34E-03
308	ALL	670361.89	4343255.44	5.40E-03
309	ALL	670583.2	4343255.44	5.37E-03
310	ALL	670804.51	4343255.44	4.11E-03
311	ALL	671025.82	4343255.44	2.29E-03
312	ALL	671247.13	4343255.44	2.11E-03
313	ALL	671468.44	4343255.44	1.84E-03
314	ALL	671689.75	4343255.44	1.58E-03
315	ALL	671911.06	4343255.44	1.54E-03
316	ALL	672132.37	4343255.44	1.48E-03
317	ALL	672353.68	4343255.44	1.34E-03
318	ALL	672574.99	4343255.44	1.23E-03
319	ALL	668148.79	4343420.4	3.58E-02
320	ALL	668370.1	4343420.4	4.29E-02
321	ALL	668591.41	4343420.4	5.60E-02
322	ALL	668812.72	4343420.4	6.34E-02
323	ALL	669034.03	4343420.4	6.98E-02
324	ALL	669255.34	4343420.4	3.78E-02
325	ALL	669476.65	4343420.4	2.10E-02
326	ALL	669697.96	4343420.4	7.72E-03
327	ALL	669919.27	4343420.4	6.51E-03
328	ALL	670140.58	4343420.4	7.58E-03
329	ALL	670361.89	4343420.4	4.96E-03
330	ALL	670583.2	4343420.4	4.75E-03
331	ALL	670804.51	4343420.4	3.47E-03
332	ALL	671025.82	4343420.4	2.68E-03
333	ALL	671247.13	4343420.4	2.09E-03
334	ALL	671468.44	4343420.4	1.50E-03
335	ALL	671689.75	4343420.4	1.18E-03
336	ALL	671911.06	4343420.4	9.68E-04
337	ALL	672132.37	4343420.4	8.61E-04
338	ALL	672353.68	4343420.4	6.75E-04
339	ALL	672574.99	4343420.4	5.59E-04
340	ALL	668148.79	4343585.36	1.59E-02
341	ALL	668370.1	4343585.36	1.87E-02
342	ALL	668591.41	4343585.36	4.18E-02
343	ALL	668812.72	4343585.36	2.77E-02
344	ALL	669034.03	4343585.36	1.27E-02
345	ALL	669255.34	4343585.36	1.19E-02
346	ALL	669476.65	4343585.36	1.08E-02
347	ALL	669697.96	4343585.36	1.10E-02
348	ALL	669919.27	4343585.36	1.27E-02
349	ALL	670140.58	4343585.36	1.18E-02

Mitigated Acute Risk

350	ALL	670361.89	4343585.36	9.24E-03
351	ALL	670583.2	4343585.36	5.77E-03
352	ALL	670804.51	4343585.36	2.64E-03
353	ALL	671025.82	4343585.36	2.27E-03
354	ALL	671247.13	4343585.36	1.70E-03
355	ALL	671468.44	4343585.36	1.50E-03
356	ALL	671689.75	4343585.36	1.38E-03
357	ALL	671911.06	4343585.36	1.24E-03
358	ALL	672132.37	4343585.36	1.23E-03
359	ALL	672353.68	4343585.36	1.10E-03
360	ALL	672574.99	4343585.36	9.62E-04
361	ALL	668148.79	4343750.32	1.77E-02
362	ALL	668370.1	4343750.32	8.96E-03
363	ALL	668591.41	4343750.32	1.08E-02
364	ALL	668812.72	4343750.32	1.37E-02
365	ALL	669034.03	4343750.32	6.11E-03
366	ALL	669255.34	4343750.32	5.61E-03
367	ALL	669476.65	4343750.32	8.49E-03
368	ALL	669697.96	4343750.32	7.32E-03
369	ALL	669919.27	4343750.32	6.74E-03
370	ALL	670140.58	4343750.32	7.36E-03
371	ALL	670361.89	4343750.32	7.42E-03
372	ALL	670583.2	4343750.32	8.07E-03
373	ALL	670804.51	4343750.32	6.48E-03
374	ALL	671025.82	4343750.32	3.94E-03
375	ALL	671247.13	4343750.32	1.58E-03
376	ALL	671468.44	4343750.32	1.08E-03
377	ALL	671689.75	4343750.32	1.18E-03
378	ALL	671911.06	4343750.32	1.00E-03
379	ALL	672132.37	4343750.32	9.03E-04
380	ALL	672353.68	4343750.32	8.88E-04
381	ALL	672574.99	4343750.32	9.17E-04
382	ALL	668148.79	4343915.28	2.39E-02
383	ALL	668370.1	4343915.28	8.84E-03
384	ALL	668591.41	4343915.28	6.70E-03
385	ALL	668812.72	4343915.28	6.94E-03
386	ALL	669034.03	4343915.28	4.89E-03
387	ALL	669255.34	4343915.28	3.94E-03
388	ALL	669476.65	4343915.28	5.06E-03
389	ALL	669697.96	4343915.28	6.53E-03
390	ALL	669919.27	4343915.28	5.90E-03
391	ALL	670140.58	4343915.28	5.08E-03
392	ALL	670361.89	4343915.28	5.20E-03
393	ALL	670583.2	4343915.28	4.77E-03
394	ALL	670804.51	4343915.28	5.51E-03
395	ALL	671025.82	4343915.28	4.13E-03
396	ALL	671247.13	4343915.28	4.55E-03
397	ALL	671468.44	4343915.28	2.08E-03
398	ALL	671689.75	4343915.28	1.14E-03
399	ALL	671911.06	4343915.28	6.21E-04

Mitigated Acute Risk

400	ALL	672132.37	4343915.28	6.23E-04
401	ALL	672353.68	4343915.28	6.34E-04
402	ALL	672574.99	4343915.28	5.87E-04
403	ALL	668148.79	4344080.24	1.64E-02
404	ALL	668370.1	4344080.24	1.10E-02
405	ALL	668591.41	4344080.24	5.82E-03
406	ALL	668812.72	4344080.24	4.92E-03
407	ALL	669034.03	4344080.24	4.06E-03
408	ALL	669255.34	4344080.24	2.87E-03
409	ALL	669476.65	4344080.24	5.83E-03
410	ALL	669697.96	4344080.24	6.60E-03
411	ALL	669919.27	4344080.24	4.43E-03
412	ALL	670140.58	4344080.24	4.11E-03
413	ALL	670361.89	4344080.24	3.98E-03
414	ALL	670583.2	4344080.24	4.28E-03
415	ALL	670804.51	4344080.24	3.32E-03
416	ALL	671025.82	4344080.24	2.23E-03
417	ALL	671247.13	4344080.24	3.69E-03
418	ALL	671468.44	4344080.24	3.55E-03
419	ALL	671689.75	4344080.24	1.59E-03
420	ALL	671911.06	4344080.24	6.93E-04
421	ALL	672132.37	4344080.24	4.20E-04
422	ALL	672353.68	4344080.24	4.24E-04
423	ALL	672574.99	4344080.24	4.57E-04
424	ALL	671464.71	4342094.27	3.36E-03
425	ALL	671482.23	4342063.91	3.35E-03
426	ALL	671498.58	4342030.05	3.27E-03
427	ALL	671513.75	4341991.52	3.39E-03
428	ALL	671541.78	4341964.66	3.23E-03
429	ALL	671575.64	4341974	2.96E-03
430	ALL	671460.75	4342162.97	2.84E-03
431	ALL	671451	4342187.35	2.58E-03
432	ALL	671510.73	4342219.66	2.53E-03
433	ALL	671524.14	4342192.84	2.52E-03
434	ALL	671522.92	4342250.74	2.47E-03
435	ALL	671599.11	4342252.57	2.25E-03
436	ALL	671627.76	4342256.84	2.20E-03
437	ALL	671583.88	4342116.03	2.43E-03
438	ALL	671595.46	4342071.54	2.51E-03
439	ALL	671663.12	4342056.3	2.44E-03
440	ALL	671600.94	4342030.09	2.70E-03
441	ALL	671526.58	4342155.65	2.64E-03
442	ALL	671628.98	4342292.19	2.08E-03
443	ALL	671641.78	4341980.71	2.68E-03
444	ALL	671666.77	4342018.51	2.54E-03
445	ALL	671407.11	4342219.66	4.13E-03
446	ALL	671415.64	4342183.08	4.39E-03
447	ALL	671635.08	4341706.42	4.86E-03
448	ALL	671693.59	4341710.08	3.83E-03
449	ALL	671719.8	4341736.29	3.36E-03

Mitigated Acute Risk

450	ALL	671673.48	4341630.23	4.16E-03
451	ALL	671888.04	4341936.22	2.37E-03
452	ALL	671977.64	4341952.07	1.98E-03
453	ALL	672039.21	4341894.77	1.78E-03
454	ALL	671858.17	4341753.96	2.11E-03
455	ALL	671922.78	4341634.49	2.49E-03
456	ALL	671613.74	4341791.15	3.98E-03
457	ALL	671853.29	4341730.8	2.19E-03
458	ALL	671783.81	4341585.73	3.24E-03
459	ALL	671783.2	4341546.72	3.28E-03
460	ALL	671769.18	4341461.38	3.49E-03
461	ALL	671800.87	4341420.54	3.31E-03
462	ALL	671880.11	4341427.25	3.44E-03
463	ALL	672012.39	4341504.66	2.07E-03
464	ALL	672084.31	4341547.94	1.69E-03
465	ALL	671915.47	4341478.45	3.17E-03
466	ALL	671903.28	4341564.4	2.99E-03
467	ALL	671863.05	4341522.34	3.42E-03
468	ALL	671830.13	4341336.43	3.10E-03
469	ALL	671835.62	4341287.66	2.89E-03
470	ALL	671825.87	4341275.47	2.78E-03
471	ALL	672136.73	4341370.56	1.83E-03
472	ALL	671920.34	4341307.17	2.94E-03
473	ALL	671695.42	4341257.19	2.62E-03
474	ALL	671682.01	4341176.12	1.68E-03
475	ALL	671991.66	4341196.23	2.45E-03
476	ALL	672022.14	4341231.59	2.51E-03
477	ALL	671992.27	4341177.95	2.18E-03
478	ALL	671540.6	4341238.29	1.09E-03
479	ALL	671575.34	4341177.95	1.01E-03
480	ALL	671454.65	4341196.23	9.98E-04
481	ALL	671523.53	4341116.38	9.24E-04
482	ALL	671413.2	4341126.74	9.34E-04
483	ALL	671471.11	4341064.57	8.81E-04
484	ALL	671601.55	4341050.55	1.11E-03
485	ALL	671198.64	4341253.53	1.28E-03
486	ALL	671278.49	4341212.08	9.48E-04
487	ALL	671230.34	4341132.84	1.12E-03
488	ALL	671073.08	4341271.82	1.20E-03
489	ALL	671122.45	4341373.61	1.32E-03
490	ALL	671118.79	4341397.38	1.34E-03
491	ALL	670978.4	4341324.15	1.20E-03
492	ALL	670932.85	4341394.21	1.28E-03
493	ALL	670935.19	4341367.36	1.25E-03
494	ALL	671108.01	4340976.17	1.18E-03
495	ALL	671286.67	4340978.51	8.12E-04
496	ALL	671675.37	4342488.78	1.18E-03
497	ALL	671091.4	4342277.23	4.88E-03
498	ALL	671051.75	4342332.07	4.32E-03
499	ALL	671051.75	4342369.2	4.32E-03

Mitigated Acute Risk

500	ALL	670953.04	4342360.76	4.11E-03
501	ALL	670695.71	4342235.89	4.19E-03
502	ALL	670545.53	4342318.58	4.50E-03
503	ALL	670711.74	4342488.16	3.33E-03
504	ALL	670648.3	4342501.73	3.13E-03
505	ALL	670648.3	4342630.87	2.38E-03
506	ALL	670806.29	4342728.41	2.66E-03
507	ALL	670688.15	4342739.41	1.95E-03
508	ALL	670804.92	4342427.55	3.47E-03
509	ALL	670439.48	4342471.51	3.37E-03
510	ALL	670358.43	4342578.67	3.55E-03
511	ALL	670546.64	4342662.47	2.91E-03
512	ALL	670537.03	4342595.15	3.05E-03
513	ALL	670483.45	4342776.5	2.41E-03
514	ALL	670508.17	4342754.52	2.36E-03
515	ALL	670517.79	4342868.54	2.60E-03
516	ALL	670545.27	4342850.69	2.51E-03
517	ALL	670582.36	4342878.16	2.53E-03
518	ALL	670304.85	4342688.57	3.21E-03
519	ALL	670039.7	4342661.1	5.55E-03
520	ALL	670156.48	4342673.46	3.96E-03
521	ALL	670236.16	4342648.73	3.69E-03
522	ALL	670071.3	4342738.03	3.93E-03
523	ALL	669990.24	4342753.14	4.37E-03
524	ALL	669928.42	4342742.15	5.11E-03
525	ALL	669815.77	4342673.46	7.79E-03
526	ALL	669742.96	4342655.6	7.30E-03
527	ALL	669791.04	4342744.9	6.67E-03
528	ALL	669696.25	4342731.16	7.30E-03
529	ALL	669536.88	4342552.57	7.95E-03
530	ALL	671174.86	4342280.21	2.88E-02
531	ALL	671068.38	4342169.93	4.43E-02
532	ALL	670965.71	4342179.44	2.47E-02
533	ALL	670815.5	4342198.45	2.53E-02
534	ALL	670737.55	4342097.68	1.92E-02
535	ALL	670762.27	4342069.16	2.29E-02
536	ALL	670817.4	4342040.64	2.13E-02
537	ALL	670895.36	4342025.43	2.09E-02
538	ALL	670979.02	4341915.15	8.95E-03
539	ALL	671115.92	4341863.81	6.69E-03
540	ALL	671199.58	4341770.65	5.60E-03
541	ALL	671222.39	4341377.07	9.04E-03
542	ALL	671714.84	4341392.28	9.15E-03
543	ALL	671366.89	4341998.81	7.88E-03
544	ALL	671226.19	4342236.48	6.63E-03
545	ALL	669098.44	4343411.59	6.45E-03
546	ALL	668908.63	4343364.56	4.84E-02
547	ALL	668851.52	4343359.52	6.38E-02
548	ALL	668831.37	4343371.27	6.60E-02
549	ALL	668733.94	4343302.41	2.02E-02

Mitigated Acute Risk

550	ALL	668686.91	4343199.95	1.36E-02
551	ALL	668671.79	4343089.09	5.32E-02
552	ALL	668806.17	4343001.74	6.57E-02
553	ALL	668918.71	4343025.26	2.01E-02
554	ALL	669024.53	4342942.95	1.06E-02
555	ALL	669288.24	4342916.08	1.11E-02
556	ALL	669333.59	4342922.8	1.15E-02
557	ALL	669365.51	4342978.23	9.65E-03
558	ALL	669336.95	4343151.23	9.44E-03
559	ALL	669303.36	4343304.09	3.26E-03
560	ALL	669222.73	4343235.22	2.74E-03
561	ALL	669135.39	4343305.77	2.60E-03

Unmitigated Cancer Risk

REC	GRP	X	Y	Risk
1	ALL	668148.8	4340781.04	4.05E-07
2	ALL	668370.1	4340781.04	4.51E-07
3	ALL	668591.4	4340781.04	5.00E-07
4	ALL	668812.7	4340781.04	5.46E-07
5	ALL	669034	4340781.04	6.11E-07
6	ALL	669255.3	4340781.04	6.90E-07
7	ALL	669476.7	4340781.04	7.68E-07
8	ALL	669698	4340781.04	8.68E-07
9	ALL	669919.3	4340781.04	1.11E-06
10	ALL	670140.6	4340781.04	1.26E-06
11	ALL	670361.9	4340781.04	1.24E-06
12	ALL	670583.2	4340781.04	9.08E-07
13	ALL	670804.5	4340781.04	8.41E-07
14	ALL	671025.8	4340781.04	6.66E-07
15	ALL	671247.1	4340781.04	6.50E-07
16	ALL	671468.4	4340781.04	8.26E-07
17	ALL	671689.8	4340781.04	1.13E-06
18	ALL	671911.1	4340781.04	1.06E-06
19	ALL	672132.4	4340781.04	6.03E-07
20	ALL	672353.7	4340781.04	9.88E-07
21	ALL	672575	4340781.04	1.21E-06
22	ALL	668148.8	4340946	4.01E-07
23	ALL	668370.1	4340946	4.46E-07
24	ALL	668591.4	4340946	4.94E-07
25	ALL	668812.7	4340946	5.46E-07
26	ALL	669034	4340946	6.26E-07
27	ALL	669255.3	4340946	7.05E-07
28	ALL	669476.7	4340946	7.90E-07
29	ALL	669698	4340946	9.30E-07
30	ALL	669919.3	4340946	1.28E-06
31	ALL	670140.6	4340946	1.40E-06
32	ALL	670361.9	4340946	1.49E-06
33	ALL	670583.2	4340946	1.43E-06
34	ALL	670804.5	4340946	9.86E-07
35	ALL	671025.8	4340946	7.28E-07
36	ALL	671247.1	4340946	6.77E-07
37	ALL	671468.4	4340946	7.97E-07
38	ALL	671689.8	4340946	1.46E-06
39	ALL	671911.1	4340946	1.67E-06
40	ALL	672132.4	4340946	5.81E-07
41	ALL	672353.7	4340946	7.15E-07
42	ALL	672575	4340946	1.21E-06
43	ALL	668148.8	4341110.96	4.05E-07
44	ALL	668370.1	4341110.96	4.38E-07
45	ALL	668591.4	4341110.96	4.94E-07
46	ALL	668812.7	4341110.96	5.52E-07

Unmitigated Cancer Risk

47	ALL	669034	4341110.96	6.24E-07
48	ALL	669255.3	4341110.96	6.96E-07
49	ALL	669476.7	4341110.96	8.12E-07
50	ALL	669698	4341110.96	9.67E-07
51	ALL	669919.3	4341110.96	1.12E-06
52	ALL	670140.6	4341110.96	1.52E-06
53	ALL	670361.9	4341110.96	1.51E-06
54	ALL	670583.2	4341110.96	1.25E-06
55	ALL	670804.5	4341110.96	9.87E-07
56	ALL	671025.8	4341110.96	7.92E-07
57	ALL	671247.1	4341110.96	8.48E-07
58	ALL	671468.4	4341110.96	9.93E-07
59	ALL	671689.8	4341110.96	2.35E-06
60	ALL	671911.1	4341110.96	1.89E-06
61	ALL	672132.4	4341110.96	6.01E-07
62	ALL	672353.7	4341110.96	5.40E-07
63	ALL	672575	4341110.96	1.27E-06
64	ALL	668148.8	4341275.92	4.13E-07
65	ALL	668370.1	4341275.92	4.47E-07
66	ALL	668591.4	4341275.92	4.96E-07
67	ALL	668812.7	4341275.92	5.63E-07
68	ALL	669034	4341275.92	6.42E-07
69	ALL	669255.3	4341275.92	7.24E-07
70	ALL	669476.7	4341275.92	8.22E-07
71	ALL	669698	4341275.92	9.61E-07
72	ALL	669919.3	4341275.92	1.35E-06
73	ALL	670140.6	4341275.92	1.31E-06
74	ALL	670361.9	4341275.92	1.31E-06
75	ALL	670583.2	4341275.92	1.11E-06
76	ALL	670804.5	4341275.92	1.15E-06
77	ALL	671025.8	4341275.92	1.07E-06
78	ALL	671247.1	4341275.92	1.30E-06
79	ALL	671468.4	4341275.92	2.68E-06
80	ALL	671689.8	4341275.92	3.75E-06
81	ALL	671911.1	4341275.92	2.38E-06
82	ALL	672132.4	4341275.92	7.28E-07
83	ALL	672353.7	4341275.92	5.47E-07
84	ALL	672575	4341275.92	1.29E-06
85	ALL	668148.8	4341440.88	4.23E-07
86	ALL	668370.1	4341440.88	4.55E-07
87	ALL	668591.4	4341440.88	5.00E-07
88	ALL	668812.7	4341440.88	5.66E-07
89	ALL	669034	4341440.88	6.42E-07
90	ALL	669255.3	4341440.88	7.18E-07
91	ALL	669476.7	4341440.88	8.27E-07
92	ALL	669698	4341440.88	9.78E-07
93	ALL	669919.3	4341440.88	1.29E-06

Unmitigated Cancer Risk

94	ALL	670140.6	4341440.88	1.15E-06
95	ALL	670361.9	4341440.88	1.19E-06
96	ALL	670583.2	4341440.88	1.18E-06
97	ALL	670804.5	4341440.88	1.56E-06
98	ALL	671025.8	4341440.88	1.62E-06
99	ALL	671689.8	4341440.88	5.77E-06
100	ALL	671911.1	4341440.88	2.63E-06
101	ALL	672132.4	4341440.88	9.36E-07
102	ALL	672353.7	4341440.88	8.34E-07
103	ALL	672575	4341440.88	1.26E-06
104	ALL	668148.8	4341605.84	4.39E-07
105	ALL	668370.1	4341605.84	4.66E-07
106	ALL	668591.4	4341605.84	5.09E-07
107	ALL	668812.7	4341605.84	5.69E-07
108	ALL	669034	4341605.84	6.38E-07
109	ALL	669255.3	4341605.84	7.24E-07
110	ALL	669476.7	4341605.84	8.33E-07
111	ALL	669698	4341605.84	9.65E-07
112	ALL	669919.3	4341605.84	1.17E-06
113	ALL	670140.6	4341605.84	1.18E-06
114	ALL	670361.9	4341605.84	1.08E-06
115	ALL	670583.2	4341605.84	1.30E-06
116	ALL	670804.5	4341605.84	2.16E-06
117	ALL	671025.8	4341605.84	2.53E-06
118	ALL	671689.8	4341605.84	9.07E-06
119	ALL	671911.1	4341605.84	3.62E-06
120	ALL	672132.4	4341605.84	1.54E-06
121	ALL	672353.7	4341605.84	1.12E-06
122	ALL	672575	4341605.84	1.35E-06
123	ALL	668148.8	4341770.8	4.69E-07
124	ALL	668370.1	4341770.8	4.80E-07
125	ALL	668591.4	4341770.8	5.15E-07
126	ALL	668812.7	4341770.8	5.73E-07
127	ALL	669034	4341770.8	6.50E-07
128	ALL	669255.3	4341770.8	7.43E-07
129	ALL	669476.7	4341770.8	8.35E-07
130	ALL	669698	4341770.8	1.09E-06
131	ALL	669919.3	4341770.8	1.06E-06
132	ALL	670140.6	4341770.8	9.96E-07
133	ALL	670361.9	4341770.8	9.06E-07
134	ALL	670583.2	4341770.8	1.52E-06
135	ALL	670804.5	4341770.8	3.67E-06
136	ALL	671025.8	4341770.8	6.89E-06
137	ALL	671689.8	4341770.8	7.52E-06
138	ALL	671911.1	4341770.8	3.78E-06
139	ALL	672132.4	4341770.8	1.35E-06
140	ALL	672353.7	4341770.8	8.44E-07

Unmitigated Cancer Risk

141	ALL	672575	4341770.8	1.35E-06
142	ALL	668148.8	4341935.76	5.09E-07
143	ALL	668370.1	4341935.76	5.10E-07
144	ALL	668591.4	4341935.76	5.28E-07
145	ALL	668812.7	4341935.76	5.84E-07
146	ALL	669034	4341935.76	6.65E-07
147	ALL	669255.3	4341935.76	7.43E-07
148	ALL	669476.7	4341935.76	9.85E-07
149	ALL	669698	4341935.76	8.90E-07
150	ALL	669919.3	4341935.76	7.02E-07
151	ALL	670140.6	4341935.76	7.68E-07
152	ALL	670361.9	4341935.76	9.72E-07
153	ALL	670583.2	4341935.76	2.20E-06
154	ALL	670804.5	4341935.76	4.25E-06
155	ALL	671468.4	4341935.76	1.71E-05
156	ALL	671689.8	4341935.76	5.14E-06
157	ALL	671911.1	4341935.76	2.92E-06
158	ALL	672132.4	4341935.76	1.24E-06
159	ALL	672353.7	4341935.76	7.69E-07
160	ALL	672575	4341935.76	1.38E-06
161	ALL	668148.8	4342100.72	5.68E-07
162	ALL	668370.1	4342100.72	5.42E-07
163	ALL	668591.4	4342100.72	5.52E-07
164	ALL	668812.7	4342100.72	6.02E-07
165	ALL	669034	4342100.72	6.81E-07
166	ALL	669255.3	4342100.72	7.68E-07
167	ALL	669476.7	4342100.72	9.94E-07
168	ALL	669698	4342100.72	1.08E-06
169	ALL	669919.3	4342100.72	1.14E-06
170	ALL	670140.6	4342100.72	1.02E-06
171	ALL	670361.9	4342100.72	1.97E-06
172	ALL	670583.2	4342100.72	2.88E-06
173	ALL	671468.4	4342100.72	7.75E-06
174	ALL	671689.8	4342100.72	3.52E-06
175	ALL	671911.1	4342100.72	2.34E-06
176	ALL	672132.4	4342100.72	1.30E-06
177	ALL	672353.7	4342100.72	7.98E-07
178	ALL	672575	4342100.72	1.33E-06
179	ALL	668148.8	4342265.68	6.41E-07
180	ALL	668370.1	4342265.68	6.04E-07
181	ALL	668591.4	4342265.68	6.20E-07
182	ALL	668812.7	4342265.68	6.31E-07
183	ALL	669034	4342265.68	7.01E-07
184	ALL	669255.3	4342265.68	8.01E-07
185	ALL	669476.7	4342265.68	9.12E-07
186	ALL	669698	4342265.68	1.04E-06
187	ALL	669919.3	4342265.68	1.23E-06

Unmitigated Cancer Risk

188	ALL	670140.6	4342265.68	1.49E-06
189	ALL	670361.9	4342265.68	2.09E-06
190	ALL	670583.2	4342265.68	4.42E-06
191	ALL	670804.5	4342265.68	5.38E-06
192	ALL	671025.8	4342265.68	8.75E-06
193	ALL	671247.1	4342265.68	1.19E-05
194	ALL	671468.4	4342265.68	5.26E-06
195	ALL	671689.8	4342265.68	2.88E-06
196	ALL	671911.1	4342265.68	1.82E-06
197	ALL	672132.4	4342265.68	1.55E-06
198	ALL	672353.7	4342265.68	1.15E-06
199	ALL	672575	4342265.68	1.20E-06
200	ALL	668148.8	4342430.64	6.78E-07
201	ALL	668370.1	4342430.64	7.76E-07
202	ALL	668591.4	4342430.64	7.85E-07
203	ALL	668812.7	4342430.64	7.89E-07
204	ALL	669034	4342430.64	7.97E-07
205	ALL	669255.3	4342430.64	8.55E-07
206	ALL	669476.7	4342430.64	1.00E-06
207	ALL	669698	4342430.64	1.21E-06
208	ALL	669919.3	4342430.64	1.38E-06
209	ALL	670140.6	4342430.64	1.92E-06
210	ALL	670361.9	4342430.64	4.09E-06
211	ALL	670583.2	4342430.64	3.03E-06
212	ALL	670804.5	4342430.64	4.26E-06
213	ALL	671025.8	4342430.64	7.16E-06
214	ALL	671247.1	4342430.64	4.81E-06
215	ALL	671468.4	4342430.64	3.48E-06
216	ALL	671689.8	4342430.64	2.14E-06
217	ALL	671911.1	4342430.64	1.46E-06
218	ALL	672132.4	4342430.64	1.39E-06
219	ALL	672353.7	4342430.64	1.33E-06
220	ALL	672575	4342430.64	1.12E-06
221	ALL	668148.8	4342595.6	7.63E-07
222	ALL	668370.1	4342595.6	8.99E-07
223	ALL	668591.4	4342595.6	9.96E-07
224	ALL	668812.7	4342595.6	1.03E-06
225	ALL	669034	4342595.6	9.97E-07
226	ALL	669255.3	4342595.6	1.02E-06
227	ALL	669476.7	4342595.6	1.61E-06
228	ALL	669698	4342595.6	2.83E-06
229	ALL	669919.3	4342595.6	2.85E-06
230	ALL	670140.6	4342595.6	3.16E-06
231	ALL	670361.9	4342595.6	2.48E-06
232	ALL	670583.2	4342595.6	2.41E-06
233	ALL	670804.5	4342595.6	3.90E-06
234	ALL	671025.8	4342595.6	5.27E-06

Unmitigated Cancer Risk

235	ALL	671247.1	4342595.6	4.23E-06
236	ALL	671468.4	4342595.6	2.38E-06
237	ALL	671689.8	4342595.6	1.50E-06
238	ALL	671911.1	4342595.6	1.03E-06
239	ALL	672132.4	4342595.6	9.73E-07
240	ALL	672353.7	4342595.6	1.29E-06
241	ALL	672575	4342595.6	1.02E-06
242	ALL	668148.8	4342760.56	8.57E-07
243	ALL	668370.1	4342760.56	1.14E-06
244	ALL	668591.4	4342760.56	1.37E-06
245	ALL	668812.7	4342760.56	1.54E-06
246	ALL	669034	4342760.56	1.31E-06
247	ALL	669255.3	4342760.56	1.29E-06
248	ALL	669476.7	4342760.56	2.78E-06
249	ALL	669698	4342760.56	1.55E-06
250	ALL	669919.3	4342760.56	1.74E-06
251	ALL	670140.6	4342760.56	2.03E-06
252	ALL	670361.9	4342760.56	2.45E-06
253	ALL	670583.2	4342760.56	2.17E-06
254	ALL	670804.5	4342760.56	3.12E-06
255	ALL	671025.8	4342760.56	3.29E-06
256	ALL	671247.1	4342760.56	2.33E-06
257	ALL	671468.4	4342760.56	1.82E-06
258	ALL	671689.8	4342760.56	1.29E-06
259	ALL	671911.1	4342760.56	8.37E-07
260	ALL	672132.4	4342760.56	7.41E-07
261	ALL	672353.7	4342760.56	1.21E-06
262	ALL	672575	4342760.56	9.95E-07
263	ALL	668148.8	4342925.52	8.70E-07
264	ALL	668370.1	4342925.52	1.28E-06
265	ALL	668591.4	4342925.52	1.78E-06
266	ALL	668812.7	4342925.52	2.51E-06
267	ALL	669034	4342925.52	3.34E-06
268	ALL	669476.7	4342925.52	2.29E-06
269	ALL	669698	4342925.52	1.44E-06
270	ALL	669919.3	4342925.52	1.60E-06
271	ALL	670140.6	4342925.52	1.96E-06
272	ALL	670361.9	4342925.52	2.22E-06
273	ALL	670583.2	4342925.52	2.75E-06
274	ALL	670804.5	4342925.52	3.10E-06
275	ALL	671025.8	4342925.52	1.69E-06
276	ALL	671247.1	4342925.52	1.78E-06
277	ALL	671468.4	4342925.52	1.37E-06
278	ALL	671689.8	4342925.52	1.05E-06
279	ALL	671911.1	4342925.52	7.39E-07
280	ALL	672132.4	4342925.52	5.43E-07
281	ALL	672353.7	4342925.52	6.79E-07

Unmitigated Cancer Risk

282	ALL	672575	4342925.52	9.51E-07
283	ALL	668148.8	4343090.48	8.08E-07
284	ALL	668370.1	4343090.48	1.27E-06
285	ALL	668591.4	4343090.48	2.29E-06
286	ALL	669476.7	4343090.48	2.09E-06
287	ALL	669698	4343090.48	1.41E-06
288	ALL	669919.3	4343090.48	1.38E-06
289	ALL	670140.6	4343090.48	1.63E-06
290	ALL	670361.9	4343090.48	1.74E-06
291	ALL	670583.2	4343090.48	1.85E-06
292	ALL	670804.5	4343090.48	2.40E-06
293	ALL	671025.8	4343090.48	1.35E-06
294	ALL	671247.1	4343090.48	1.37E-06
295	ALL	671468.4	4343090.48	1.12E-06
296	ALL	671689.8	4343090.48	8.64E-07
297	ALL	671911.1	4343090.48	6.42E-07
298	ALL	672132.4	4343090.48	4.92E-07
299	ALL	672353.7	4343090.48	3.79E-07
300	ALL	672575	4343090.48	4.13E-07
301	ALL	668148.8	4343255.44	7.44E-07
302	ALL	668370.1	4343255.44	1.20E-06
303	ALL	668591.4	4343255.44	3.23E-06
304	ALL	669476.7	4343255.44	1.75E-06
305	ALL	669698	4343255.44	1.59E-06
306	ALL	669919.3	4343255.44	1.53E-06
307	ALL	670140.6	4343255.44	1.61E-06
308	ALL	670361.9	4343255.44	1.52E-06
309	ALL	670583.2	4343255.44	1.49E-06
310	ALL	670804.5	4343255.44	1.64E-06
311	ALL	671025.8	4343255.44	1.14E-06
312	ALL	671247.1	4343255.44	1.08E-06
313	ALL	671468.4	4343255.44	9.61E-07
314	ALL	671689.8	4343255.44	7.30E-07
315	ALL	671911.1	4343255.44	5.61E-07
316	ALL	672132.4	4343255.44	4.45E-07
317	ALL	672353.7	4343255.44	3.62E-07
318	ALL	672575	4343255.44	2.87E-07
319	ALL	668148.8	4343420.4	6.88E-07
320	ALL	668370.1	4343420.4	1.20E-06
321	ALL	668591.4	4343420.4	3.22E-06
322	ALL	668812.7	4343420.4	8.45E-06
323	ALL	669034	4343420.4	1.10E-05
324	ALL	669255.3	4343420.4	4.77E-06
325	ALL	669476.7	4343420.4	1.73E-06
326	ALL	669698	4343420.4	1.17E-06
327	ALL	669919.3	4343420.4	1.17E-06
328	ALL	670140.6	4343420.4	1.16E-06

Unmitigated Cancer Risk

329	ALL	670361.9	4343420.4	1.21E-06
330	ALL	670583.2	4343420.4	1.26E-06
331	ALL	670804.5	4343420.4	1.40E-06
332	ALL	671025.8	4343420.4	1.71E-06
333	ALL	671247.1	4343420.4	1.14E-06
334	ALL	671468.4	4343420.4	7.98E-07
335	ALL	671689.8	4343420.4	6.44E-07
336	ALL	671911.1	4343420.4	4.98E-07
337	ALL	672132.4	4343420.4	3.94E-07
338	ALL	672353.7	4343420.4	3.17E-07
339	ALL	672575	4343420.4	2.63E-07
340	ALL	668148.8	4343585.36	6.16E-07
341	ALL	668370.1	4343585.36	9.78E-07
342	ALL	668591.4	4343585.36	2.31E-06
343	ALL	668812.7	4343585.36	4.09E-06
344	ALL	669034	4343585.36	4.26E-06
345	ALL	669255.3	4343585.36	2.53E-06
346	ALL	669476.7	4343585.36	1.30E-06
347	ALL	669698	4343585.36	1.01E-06
348	ALL	669919.3	4343585.36	9.70E-07
349	ALL	670140.6	4343585.36	9.98E-07
350	ALL	670361.9	4343585.36	1.05E-06
351	ALL	670583.2	4343585.36	1.11E-06
352	ALL	670804.5	4343585.36	1.20E-06
353	ALL	671025.8	4343585.36	1.26E-06
354	ALL	671247.1	4343585.36	1.08E-06
355	ALL	671468.4	4343585.36	7.78E-07
356	ALL	671689.8	4343585.36	6.27E-07
357	ALL	671911.1	4343585.36	4.77E-07
358	ALL	672132.4	4343585.36	3.81E-07
359	ALL	672353.7	4343585.36	3.00E-07
360	ALL	672575	4343585.36	2.54E-07
361	ALL	668148.8	4343750.32	6.62E-07
362	ALL	668370.1	4343750.32	9.25E-07
363	ALL	668591.4	4343750.32	1.67E-06
364	ALL	668812.7	4343750.32	2.61E-06
365	ALL	669034	4343750.32	2.48E-06
366	ALL	669255.3	4343750.32	1.73E-06
367	ALL	669476.7	4343750.32	1.12E-06
368	ALL	669698	4343750.32	9.08E-07
369	ALL	669919.3	4343750.32	8.73E-07
370	ALL	670140.6	4343750.32	8.95E-07
371	ALL	670361.9	4343750.32	9.47E-07
372	ALL	670583.2	4343750.32	9.85E-07
373	ALL	670804.5	4343750.32	1.04E-06
374	ALL	671025.8	4343750.32	1.08E-06
375	ALL	671247.1	4343750.32	1.18E-06

Unmitigated Cancer Risk

376	ALL	671468.4	4343750.32	1.15E-06
377	ALL	671689.8	4343750.32	1.13E-06
378	ALL	671911.1	4343750.32	7.36E-07
379	ALL	672132.4	4343750.32	4.09E-07
380	ALL	672353.7	4343750.32	3.04E-07
381	ALL	672575	4343750.32	2.57E-07
382	ALL	668148.8	4343915.28	7.07E-07
383	ALL	668370.1	4343915.28	9.24E-07
384	ALL	668591.4	4343915.28	1.35E-06
385	ALL	668812.7	4343915.28	1.83E-06
386	ALL	669034	4343915.28	1.80E-06
387	ALL	669255.3	4343915.28	1.36E-06
388	ALL	669476.7	4343915.28	9.87E-07
389	ALL	669698	4343915.28	8.33E-07
390	ALL	669919.3	4343915.28	7.99E-07
391	ALL	670140.6	4343915.28	8.20E-07
392	ALL	670361.9	4343915.28	8.46E-07
393	ALL	670583.2	4343915.28	8.97E-07
394	ALL	670804.5	4343915.28	9.33E-07
395	ALL	671025.8	4343915.28	9.56E-07
396	ALL	671247.1	4343915.28	9.58E-07
397	ALL	671468.4	4343915.28	1.05E-06
398	ALL	671689.8	4343915.28	1.01E-06
399	ALL	671911.1	4343915.28	6.31E-07
400	ALL	672132.4	4343915.28	5.22E-07
401	ALL	672353.7	4343915.28	3.87E-07
402	ALL	672575	4343915.28	3.01E-07
403	ALL	668148.8	4344080.24	6.78E-07
404	ALL	668370.1	4344080.24	8.78E-07
405	ALL	668591.4	4344080.24	1.16E-06
406	ALL	668812.7	4344080.24	1.43E-06
407	ALL	669034	4344080.24	1.41E-06
408	ALL	669255.3	4344080.24	1.13E-06
409	ALL	669476.7	4344080.24	8.92E-07
410	ALL	669698	4344080.24	7.70E-07
411	ALL	669919.3	4344080.24	7.39E-07
412	ALL	670140.6	4344080.24	7.64E-07
413	ALL	670361.9	4344080.24	7.69E-07
414	ALL	670583.2	4344080.24	8.14E-07
415	ALL	670804.5	4344080.24	8.45E-07
416	ALL	671025.8	4344080.24	1.11E-06
417	ALL	671247.1	4344080.24	8.61E-07
418	ALL	671468.4	4344080.24	7.73E-07
419	ALL	671689.8	4344080.24	7.25E-07
420	ALL	671911.1	4344080.24	4.04E-07
421	ALL	672132.4	4344080.24	3.29E-07
422	ALL	672353.7	4344080.24	2.93E-07

Unmitigated Cancer Risk

423	ALL	672575	4344080.24	2.47E-07
424	ALL	671464.7	4342094.27	8.14E-06
425	ALL	671482.2	4342063.91	8.53E-06
426	ALL	671498.6	4342030.05	8.93E-06
427	ALL	671513.8	4341991.52	9.60E-06
428	ALL	671541.8	4341964.66	9.10E-06
429	ALL	671575.6	4341974	7.13E-06
430	ALL	671460.8	4342162.97	6.56E-06
431	ALL	671451	4342187.35	6.37E-06
432	ALL	671510.7	4342219.66	4.93E-06
433	ALL	671524.1	4342192.84	4.92E-06
434	ALL	671522.9	4342250.74	4.53E-06
435	ALL	671599.1	4342252.57	3.62E-06
436	ALL	671627.8	4342256.84	3.36E-06
437	ALL	671583.9	4342116.03	4.41E-06
438	ALL	671595.5	4342071.54	4.63E-06
439	ALL	671663.1	4342056.3	4.00E-06
440	ALL	671600.9	4342030.09	5.21E-06
441	ALL	671526.6	4342155.65	5.14E-06
442	ALL	671629	4342292.19	3.22E-06
443	ALL	671641.8	4341980.71	5.20E-06
444	ALL	671666.8	4342018.51	4.34E-06
445	ALL	671407.1	4342219.66	6.96E-06
446	ALL	671415.6	4342183.08	7.51E-06
447	ALL	671635.1	4341706.42	1.20E-05
448	ALL	671693.6	4341710.08	8.75E-06
449	ALL	671719.8	4341736.29	7.69E-06
450	ALL	671673.5	4341630.23	1.01E-05
451	ALL	671888	4341936.22	3.20E-06
452	ALL	671977.6	4341952.07	2.20E-06
453	ALL	672039.2	4341894.77	1.74E-06
454	ALL	671858.2	4341753.96	4.80E-06
455	ALL	671922.8	4341634.49	3.54E-06
456	ALL	671613.7	4341791.15	1.08E-05
457	ALL	671853.3	4341730.8	4.88E-06
458	ALL	671783.8	4341585.73	5.76E-06
459	ALL	671783.2	4341546.72	5.40E-06
460	ALL	671769.2	4341461.38	4.68E-06
461	ALL	671800.9	4341420.54	4.11E-06
462	ALL	671880.1	4341427.25	3.04E-06
463	ALL	672012.4	4341504.66	1.40E-06
464	ALL	672084.3	4341547.94	1.46E-06
465	ALL	671915.5	4341478.45	2.73E-06
466	ALL	671903.3	4341564.4	3.50E-06
467	ALL	671863.1	4341522.34	3.92E-06
468	ALL	671830.1	4341336.43	3.58E-06
469	ALL	671835.6	4341287.66	3.40E-06

Unmitigated Cancer Risk

470	ALL	671825.9	4341275.47	3.48E-06
471	ALL	672136.7	4341370.56	7.87E-07
472	ALL	671920.3	4341307.17	2.02E-06
473	ALL	671695.4	4341257.19	3.47E-06
474	ALL	671682	4341176.12	2.32E-06
475	ALL	671991.7	4341196.23	1.82E-06
476	ALL	672022.1	4341231.59	1.43E-06
477	ALL	671992.3	4341177.95	1.46E-06
478	ALL	671540.6	4341238.29	1.55E-06
479	ALL	671575.3	4341177.95	1.25E-06
480	ALL	671454.7	4341196.23	1.31E-06
481	ALL	671523.5	4341116.38	1.04E-06
482	ALL	671413.2	4341126.74	1.08E-06
483	ALL	671471.1	4341064.57	9.30E-07
484	ALL	671601.6	4341050.55	1.37E-06
485	ALL	671198.6	4341253.53	1.06E-06
486	ALL	671278.5	4341212.08	1.10E-06
487	ALL	671230.3	4341132.84	8.38E-07
488	ALL	671073.1	4341271.82	1.04E-06
489	ALL	671122.5	4341373.61	1.55E-06
490	ALL	671118.8	4341397.38	1.69E-06
491	ALL	670978.4	4341324.15	1.21E-06
492	ALL	670932.9	4341394.21	1.42E-06
493	ALL	670935.2	4341367.36	1.36E-06
494	ALL	671108	4340976.17	6.85E-07
495	ALL	671286.7	4340978.51	7.14E-07
496	ALL	671675.4	4342488.78	1.92E-06
497	ALL	671091.4	4342277.23	1.04E-05
498	ALL	671051.8	4342332.07	7.65E-06
499	ALL	671051.8	4342369.2	7.67E-06
500	ALL	670953	4342360.76	6.36E-06
501	ALL	670695.7	4342235.89	4.72E-06
502	ALL	670545.5	4342318.58	4.13E-06
503	ALL	670711.7	4342488.16	3.62E-06
504	ALL	670648.3	4342501.73	3.03E-06
505	ALL	670648.3	4342630.87	1.95E-06
506	ALL	670806.3	4342728.41	3.09E-06
507	ALL	670688.2	4342739.41	1.83E-06
508	ALL	670804.9	4342427.55	4.28E-06
509	ALL	670439.5	4342471.51	3.38E-06
510	ALL	670358.4	4342578.67	2.58E-06
511	ALL	670546.6	4342662.47	2.64E-06
512	ALL	670537	4342595.15	2.63E-06
513	ALL	670483.5	4342776.5	2.42E-06
514	ALL	670508.2	4342754.52	2.44E-06
515	ALL	670517.8	4342868.54	2.47E-06
516	ALL	670545.3	4342850.69	2.30E-06

Unmitigated Cancer Risk

517	ALL	670582.4	4342878.16	2.49E-06
518	ALL	670304.9	4342688.57	2.09E-06
519	ALL	670039.7	4342661.1	2.71E-06
520	ALL	670156.5	4342673.46	2.13E-06
521	ALL	670236.2	4342648.73	2.22E-06
522	ALL	670071.3	4342738.03	1.87E-06
523	ALL	669990.2	4342753.14	1.83E-06
524	ALL	669928.4	4342742.15	1.83E-06
525	ALL	669815.8	4342673.46	1.98E-06
526	ALL	669743	4342655.6	1.96E-06
527	ALL	669791	4342744.9	1.62E-06
528	ALL	669696.3	4342731.16	1.61E-06
529	ALL	669536.9	4342552.57	1.63E-06
530	ALL	671174.9	4342280.21	1.22E-05
531	ALL	671068.4	4342169.93	1.65E-05
532	ALL	670965.7	4342179.44	1.22E-05
533	ALL	670815.5	4342198.45	5.78E-06
534	ALL	670737.6	4342097.68	3.88E-06
535	ALL	670762.3	4342069.16	3.89E-06
536	ALL	670817.4	4342040.64	4.38E-06
537	ALL	670895.4	4342025.43	5.58E-06
538	ALL	670979	4341915.15	7.16E-06
539	ALL	671115.9	4341863.81	1.45E-05
540	ALL	671199.6	4341770.65	2.53E-05
541	ALL	671222.4	4341377.07	2.10E-06
542	ALL	671714.8	4341392.28	4.90E-06
543	ALL	671366.9	4341998.81	3.35E-05
544	ALL	671226.2	4342236.48	1.43E-05
545	ALL	669098.4	4343411.59	1.06E-05
546	ALL	668908.6	4343364.56	1.60E-05
547	ALL	668851.5	4343359.52	1.50E-05
548	ALL	668831.4	4343371.27	1.26E-05
549	ALL	668733.9	4343302.41	1.67E-05
550	ALL	668686.9	4343199.95	1.16E-05
551	ALL	668671.8	4343089.09	4.78E-06
552	ALL	668806.2	4343001.74	4.85E-06
553	ALL	668918.7	4343025.26	5.65E-06
554	ALL	669024.5	4342942.95	4.25E-06
555	ALL	669288.2	4342916.08	3.32E-06
556	ALL	669333.6	4342922.8	3.83E-06
557	ALL	669365.5	4342978.23	4.42E-06
558	ALL	669337	4343151.23	7.51E-06
559	ALL	669303.4	4343304.09	7.31E-06
560	ALL	669222.7	4343235.22	2.15E-05
561	ALL	669135.4	4343305.77	2.24E-05

Mitigated Cancer Risk

REC	GRP	X	Y	Risk
1	ALL	668148.8	4340781.04	3.69E-07
2	ALL	668370.1	4340781.04	4.11E-07
3	ALL	668591.4	4340781.04	4.55E-07
4	ALL	668812.7	4340781.04	4.96E-07
5	ALL	669034	4340781.04	5.54E-07
6	ALL	669255.3	4340781.04	6.25E-07
7	ALL	669476.7	4340781.04	6.94E-07
8	ALL	669698	4340781.04	7.82E-07
9	ALL	669919.3	4340781.04	9.73E-07
10	ALL	670140.6	4340781.04	1.12E-06
11	ALL	670361.9	4340781.04	1.09E-06
12	ALL	670583.2	4340781.04	7.93E-07
13	ALL	670804.5	4340781.04	7.44E-07
14	ALL	671025.8	4340781.04	5.87E-07
15	ALL	671247.1	4340781.04	5.74E-07
16	ALL	671468.4	4340781.04	7.46E-07
17	ALL	671689.8	4340781.04	1.04E-06
18	ALL	671911.1	4340781.04	9.85E-07
19	ALL	672132.4	4340781.04	5.40E-07
20	ALL	672353.7	4340781.04	9.17E-07
21	ALL	672575	4340781.04	1.15E-06
22	ALL	668148.8	4340946	3.65E-07
23	ALL	668370.1	4340946	4.05E-07
24	ALL	668591.4	4340946	4.48E-07
25	ALL	668812.7	4340946	4.94E-07
26	ALL	669034	4340946	5.66E-07
27	ALL	669255.3	4340946	6.35E-07
28	ALL	669476.7	4340946	7.10E-07
29	ALL	669698	4340946	8.33E-07
30	ALL	669919.3	4340946	1.13E-06
31	ALL	670140.6	4340946	1.22E-06
32	ALL	670361.9	4340946	1.30E-06
33	ALL	670583.2	4340946	1.25E-06
34	ALL	670804.5	4340946	8.54E-07
35	ALL	671025.8	4340946	6.24E-07
36	ALL	671247.1	4340946	5.83E-07
37	ALL	671468.4	4340946	7.02E-07
38	ALL	671689.8	4340946	1.34E-06
39	ALL	671911.1	4340946	1.55E-06
40	ALL	672132.4	4340946	5.10E-07
41	ALL	672353.7	4340946	6.50E-07
42	ALL	672575	4340946	1.14E-06
43	ALL	668148.8	4341110.96	3.69E-07
44	ALL	668370.1	4341110.96	3.97E-07
45	ALL	668591.4	4341110.96	4.47E-07
46	ALL	668812.7	4341110.96	4.99E-07

Mitigated Cancer Risk

47	ALL	669034	4341110.96	5.62E-07
48	ALL	669255.3	4341110.96	6.24E-07
49	ALL	669476.7	4341110.96	7.27E-07
50	ALL	669698	4341110.96	8.58E-07
51	ALL	669919.3	4341110.96	9.93E-07
52	ALL	670140.6	4341110.96	1.33E-06
53	ALL	670361.9	4341110.96	1.29E-06
54	ALL	670583.2	4341110.96	1.04E-06
55	ALL	670804.5	4341110.96	8.20E-07
56	ALL	671025.8	4341110.96	6.59E-07
57	ALL	671247.1	4341110.96	7.14E-07
58	ALL	671468.4	4341110.96	8.59E-07
59	ALL	671689.8	4341110.96	2.16E-06
60	ALL	671911.1	4341110.96	1.72E-06
61	ALL	672132.4	4341110.96	5.20E-07
62	ALL	672353.7	4341110.96	4.72E-07
63	ALL	672575	4341110.96	1.19E-06
64	ALL	668148.8	4341275.92	3.76E-07
65	ALL	668370.1	4341275.92	4.05E-07
66	ALL	668591.4	4341275.92	4.48E-07
67	ALL	668812.7	4341275.92	5.06E-07
68	ALL	669034	4341275.92	5.75E-07
69	ALL	669255.3	4341275.92	6.47E-07
70	ALL	669476.7	4341275.92	7.32E-07
71	ALL	669698	4341275.92	8.52E-07
72	ALL	669919.3	4341275.92	1.19E-06
73	ALL	670140.6	4341275.92	1.14E-06
74	ALL	670361.9	4341275.92	1.09E-06
75	ALL	670583.2	4341275.92	8.88E-07
76	ALL	670804.5	4341275.92	9.17E-07
77	ALL	671025.8	4341275.92	8.68E-07
78	ALL	671247.1	4341275.92	1.07E-06
79	ALL	671468.4	4341275.92	2.37E-06
80	ALL	671689.8	4341275.92	3.43E-06
81	ALL	671911.1	4341275.92	2.14E-06
82	ALL	672132.4	4341275.92	6.17E-07
83	ALL	672353.7	4341275.92	4.57E-07
84	ALL	672575	4341275.92	1.18E-06
85	ALL	668148.8	4341440.88	3.86E-07
86	ALL	668370.1	4341440.88	4.12E-07
87	ALL	668591.4	4341440.88	4.50E-07
88	ALL	668812.7	4341440.88	5.08E-07
89	ALL	669034	4341440.88	5.74E-07
90	ALL	669255.3	4341440.88	6.40E-07
91	ALL	669476.7	4341440.88	7.32E-07
92	ALL	669698	4341440.88	8.63E-07
93	ALL	669919.3	4341440.88	1.14E-06

Mitigated Cancer Risk

94	ALL	670140.6	4341440.88	9.93E-07
95	ALL	670361.9	4341440.88	9.85E-07
96	ALL	670583.2	4341440.88	9.30E-07
97	ALL	670804.5	4341440.88	1.19E-06
98	ALL	671025.8	4341440.88	1.27E-06
99	ALL	671689.8	4341440.88	4.98E-06
100	ALL	671911.1	4341440.88	2.31E-06
101	ALL	672132.4	4341440.88	7.61E-07
102	ALL	672353.7	4341440.88	6.90E-07
103	ALL	672575	4341440.88	1.09E-06
104	ALL	668148.8	4341605.84	4.00E-07
105	ALL	668370.1	4341605.84	4.20E-07
106	ALL	668591.4	4341605.84	4.58E-07
107	ALL	668812.7	4341605.84	5.10E-07
108	ALL	669034	4341605.84	5.69E-07
109	ALL	669255.3	4341605.84	6.43E-07
110	ALL	669476.7	4341605.84	7.36E-07
111	ALL	669698	4341605.84	8.46E-07
112	ALL	669919.3	4341605.84	1.05E-06
113	ALL	670140.6	4341605.84	1.03E-06
114	ALL	670361.9	4341605.84	8.94E-07
115	ALL	670583.2	4341605.84	1.03E-06
116	ALL	670804.5	4341605.84	1.63E-06
117	ALL	671025.8	4341605.84	1.81E-06
118	ALL	671689.8	4341605.84	7.39E-06
119	ALL	671911.1	4341605.84	3.05E-06
120	ALL	672132.4	4341605.84	1.24E-06
121	ALL	672353.7	4341605.84	9.13E-07
122	ALL	672575	4341605.84	1.15E-06
123	ALL	668148.8	4341770.8	4.32E-07
124	ALL	668370.1	4341770.8	4.34E-07
125	ALL	668591.4	4341770.8	4.63E-07
126	ALL	668812.7	4341770.8	5.12E-07
127	ALL	669034	4341770.8	5.78E-07
128	ALL	669255.3	4341770.8	6.59E-07
129	ALL	669476.7	4341770.8	7.40E-07
130	ALL	669698	4341770.8	9.96E-07
131	ALL	669919.3	4341770.8	9.55E-07
132	ALL	670140.6	4341770.8	8.70E-07
133	ALL	670361.9	4341770.8	7.52E-07
134	ALL	670583.2	4341770.8	1.24E-06
135	ALL	670804.5	4341770.8	2.97E-06
136	ALL	671025.8	4341770.8	5.14E-06
137	ALL	671689.8	4341770.8	5.51E-06
138	ALL	671911.1	4341770.8	3.00E-06
139	ALL	672132.4	4341770.8	1.01E-06
140	ALL	672353.7	4341770.8	6.36E-07

Mitigated Cancer Risk

141	ALL	672575	4341770.8	1.13E-06
142	ALL	668148.8	4341935.76	4.72E-07
143	ALL	668370.1	4341935.76	4.67E-07
144	ALL	668591.4	4341935.76	4.75E-07
145	ALL	668812.7	4341935.76	5.21E-07
146	ALL	669034	4341935.76	5.91E-07
147	ALL	669255.3	4341935.76	6.63E-07
148	ALL	669476.7	4341935.76	9.05E-07
149	ALL	669698	4341935.76	8.11E-07
150	ALL	669919.3	4341935.76	6.17E-07
151	ALL	670140.6	4341935.76	6.60E-07
152	ALL	670361.9	4341935.76	8.16E-07
153	ALL	670583.2	4341935.76	1.87E-06
154	ALL	670804.5	4341935.76	3.25E-06
155	ALL	671468.4	4341935.76	1.07E-05
156	ALL	671689.8	4341935.76	3.41E-06
157	ALL	671911.1	4341935.76	2.17E-06
158	ALL	672132.4	4341935.76	8.92E-07
159	ALL	672353.7	4341935.76	5.61E-07
160	ALL	672575	4341935.76	1.19E-06
161	ALL	668148.8	4342100.72	5.30E-07
162	ALL	668370.1	4342100.72	4.97E-07
163	ALL	668591.4	4342100.72	4.97E-07
164	ALL	668812.7	4342100.72	5.37E-07
165	ALL	669034	4342100.72	6.05E-07
166	ALL	669255.3	4342100.72	6.80E-07
167	ALL	669476.7	4342100.72	9.07E-07
168	ALL	669698	4342100.72	9.87E-07
169	ALL	669919.3	4342100.72	1.03E-06
170	ALL	670140.6	4342100.72	8.90E-07
171	ALL	670361.9	4342100.72	1.69E-06
172	ALL	670583.2	4342100.72	2.09E-06
173	ALL	671468.4	4342100.72	4.78E-06
174	ALL	671689.8	4342100.72	2.30E-06
175	ALL	671911.1	4342100.72	1.70E-06
176	ALL	672132.4	4342100.72	9.50E-07
177	ALL	672353.7	4342100.72	5.89E-07
178	ALL	672575	4342100.72	1.15E-06
179	ALL	668148.8	4342265.68	6.04E-07
180	ALL	668370.1	4342265.68	5.58E-07
181	ALL	668591.4	4342265.68	5.68E-07
182	ALL	668812.7	4342265.68	5.65E-07
183	ALL	669034	4342265.68	6.17E-07
184	ALL	669255.3	4342265.68	6.97E-07
185	ALL	669476.7	4342265.68	7.82E-07
186	ALL	669698	4342265.68	8.92E-07
187	ALL	669919.3	4342265.68	1.04E-06

Mitigated Cancer Risk

188	ALL	670140.6	4342265.68	1.25E-06
189	ALL	670361.9	4342265.68	1.60E-06
190	ALL	670583.2	4342265.68	2.44E-06
191	ALL	670804.5	4342265.68	3.52E-06
192	ALL	671025.8	4342265.68	6.26E-06
193	ALL	671247.1	4342265.68	8.05E-06
194	ALL	671468.4	4342265.68	3.36E-06
195	ALL	671689.8	4342265.68	1.96E-06
196	ALL	671911.1	4342265.68	1.31E-06
197	ALL	672132.4	4342265.68	1.22E-06
198	ALL	672353.7	4342265.68	9.34E-07
199	ALL	672575	4342265.68	9.96E-07
200	ALL	668148.8	4342430.64	6.43E-07
201	ALL	668370.1	4342430.64	7.34E-07
202	ALL	668591.4	4342430.64	7.35E-07
203	ALL	668812.7	4342430.64	7.26E-07
204	ALL	669034	4342430.64	7.13E-07
205	ALL	669255.3	4342430.64	7.28E-07
206	ALL	669476.7	4342430.64	8.04E-07
207	ALL	669698	4342430.64	9.08E-07
208	ALL	669919.3	4342430.64	1.05E-06
209	ALL	670140.6	4342430.64	1.31E-06
210	ALL	670361.9	4342430.64	1.99E-06
211	ALL	670583.2	4342430.64	2.21E-06
212	ALL	670804.5	4342430.64	3.26E-06
213	ALL	671025.8	4342430.64	5.67E-06
214	ALL	671247.1	4342430.64	3.12E-06
215	ALL	671468.4	4342430.64	2.29E-06
216	ALL	671689.8	4342430.64	1.48E-06
217	ALL	671911.1	4342430.64	1.07E-06
218	ALL	672132.4	4342430.64	1.12E-06
219	ALL	672353.7	4342430.64	1.10E-06
220	ALL	672575	4342430.64	9.33E-07
221	ALL	668148.8	4342595.6	7.28E-07
222	ALL	668370.1	4342595.6	8.59E-07
223	ALL	668591.4	4342595.6	9.47E-07
224	ALL	668812.7	4342595.6	9.72E-07
225	ALL	669034	4342595.6	9.07E-07
226	ALL	669255.3	4342595.6	8.52E-07
227	ALL	669476.7	4342595.6	9.69E-07
228	ALL	669698	4342595.6	1.29E-06
229	ALL	669919.3	4342595.6	1.36E-06
230	ALL	670140.6	4342595.6	1.58E-06
231	ALL	670361.9	4342595.6	1.69E-06
232	ALL	670583.2	4342595.6	1.92E-06
233	ALL	670804.5	4342595.6	3.22E-06
234	ALL	671025.8	4342595.6	4.31E-06

Mitigated Cancer Risk

235	ALL	671247.1	4342595.6	3.14E-06
236	ALL	671468.4	4342595.6	1.59E-06
237	ALL	671689.8	4342595.6	1.04E-06
238	ALL	671911.1	4342595.6	7.40E-07
239	ALL	672132.4	4342595.6	7.55E-07
240	ALL	672353.7	4342595.6	1.10E-06
241	ALL	672575	4342595.6	8.55E-07
242	ALL	668148.8	4342760.56	8.23E-07
243	ALL	668370.1	4342760.56	1.10E-06
244	ALL	668591.4	4342760.56	1.32E-06
245	ALL	668812.7	4342760.56	1.48E-06
246	ALL	669034	4342760.56	1.21E-06
247	ALL	669255.3	4342760.56	1.08E-06
248	ALL	669476.7	4342760.56	1.34E-06
249	ALL	669698	4342760.56	1.08E-06
250	ALL	669919.3	4342760.56	1.18E-06
251	ALL	670140.6	4342760.56	1.57E-06
252	ALL	670361.9	4342760.56	2.00E-06
253	ALL	670583.2	4342760.56	1.77E-06
254	ALL	670804.5	4342760.56	2.61E-06
255	ALL	671025.8	4342760.56	2.64E-06
256	ALL	671247.1	4342760.56	1.64E-06
257	ALL	671468.4	4342760.56	1.25E-06
258	ALL	671689.8	4342760.56	9.09E-07
259	ALL	671911.1	4342760.56	6.01E-07
260	ALL	672132.4	4342760.56	5.64E-07
261	ALL	672353.7	4342760.56	1.05E-06
262	ALL	672575	4342760.56	8.67E-07
263	ALL	668148.8	4342925.52	8.36E-07
264	ALL	668370.1	4342925.52	1.25E-06
265	ALL	668591.4	4342925.52	1.74E-06
266	ALL	668812.7	4342925.52	2.45E-06
267	ALL	669034	4342925.52	3.25E-06
268	ALL	669476.7	4342925.52	1.55E-06
269	ALL	669698	4342925.52	1.13E-06
270	ALL	669919.3	4342925.52	1.29E-06
271	ALL	670140.6	4342925.52	1.65E-06
272	ALL	670361.9	4342925.52	1.89E-06
273	ALL	670583.2	4342925.52	2.37E-06
274	ALL	670804.5	4342925.52	2.68E-06
275	ALL	671025.8	4342925.52	1.24E-06
276	ALL	671247.1	4342925.52	1.28E-06
277	ALL	671468.4	4342925.52	9.51E-07
278	ALL	671689.8	4342925.52	7.49E-07
279	ALL	671911.1	4342925.52	5.38E-07
280	ALL	672132.4	4342925.52	4.04E-07
281	ALL	672353.7	4342925.52	5.57E-07

Mitigated Cancer Risk

282	ALL	672575	4342925.52	8.44E-07
283	ALL	668148.8	4343090.48	7.76E-07
284	ALL	668370.1	4343090.48	1.23E-06
285	ALL	668591.4	4343090.48	2.24E-06
286	ALL	669476.7	4343090.48	1.79E-06
287	ALL	669698	4343090.48	1.17E-06
288	ALL	669919.3	4343090.48	1.14E-06
289	ALL	670140.6	4343090.48	1.37E-06
290	ALL	670361.9	4343090.48	1.48E-06
291	ALL	670583.2	4343090.48	1.56E-06
292	ALL	670804.5	4343090.48	2.05E-06
293	ALL	671025.8	4343090.48	1.00E-06
294	ALL	671247.1	4343090.48	9.94E-07
295	ALL	671468.4	4343090.48	7.91E-07
296	ALL	671689.8	4343090.48	6.21E-07
297	ALL	671911.1	4343090.48	4.70E-07
298	ALL	672132.4	4343090.48	3.69E-07
299	ALL	672353.7	4343090.48	2.89E-07
300	ALL	672575	4343090.48	3.34E-07
301	ALL	668148.8	4343255.44	7.13E-07
302	ALL	668370.1	4343255.44	1.16E-06
303	ALL	668591.4	4343255.44	3.19E-06
304	ALL	669476.7	4343255.44	1.55E-06
305	ALL	669698	4343255.44	1.41E-06
306	ALL	669919.3	4343255.44	1.33E-06
307	ALL	670140.6	4343255.44	1.41E-06
308	ALL	670361.9	4343255.44	1.30E-06
309	ALL	670583.2	4343255.44	1.25E-06
310	ALL	670804.5	4343255.44	1.37E-06
311	ALL	671025.8	4343255.44	8.66E-07
312	ALL	671247.1	4343255.44	7.91E-07
313	ALL	671468.4	4343255.44	6.99E-07
314	ALL	671689.8	4343255.44	5.28E-07
315	ALL	671911.1	4343255.44	4.13E-07
316	ALL	672132.4	4343255.44	3.36E-07
317	ALL	672353.7	4343255.44	2.80E-07
318	ALL	672575	4343255.44	2.24E-07
319	ALL	668148.8	4343420.4	6.58E-07
320	ALL	668370.1	4343420.4	1.16E-06
321	ALL	668591.4	4343420.4	3.18E-06
322	ALL	668812.7	4343420.4	8.40E-06
323	ALL	669034	4343420.4	1.09E-05
324	ALL	669255.3	4343420.4	4.66E-06
325	ALL	669476.7	4343420.4	1.59E-06
326	ALL	669698	4343420.4	1.02E-06
327	ALL	669919.3	4343420.4	1.01E-06
328	ALL	670140.6	4343420.4	9.92E-07

Mitigated Cancer Risk

329	ALL	670361.9	4343420.4	1.02E-06
330	ALL	670583.2	4343420.4	1.06E-06
331	ALL	670804.5	4343420.4	1.17E-06
332	ALL	671025.8	4343420.4	1.47E-06
333	ALL	671247.1	4343420.4	8.98E-07
334	ALL	671468.4	4343420.4	5.85E-07
335	ALL	671689.8	4343420.4	4.72E-07
336	ALL	671911.1	4343420.4	3.69E-07
337	ALL	672132.4	4343420.4	2.97E-07
338	ALL	672353.7	4343420.4	2.43E-07
339	ALL	672575	4343420.4	2.06E-07
340	ALL	668148.8	4343585.36	5.85E-07
341	ALL	668370.1	4343585.36	9.44E-07
342	ALL	668591.4	4343585.36	2.27E-06
343	ALL	668812.7	4343585.36	4.03E-06
344	ALL	669034	4343585.36	4.19E-06
345	ALL	669255.3	4343585.36	2.44E-06
346	ALL	669476.7	4343585.36	1.19E-06
347	ALL	669698	4343585.36	8.81E-07
348	ALL	669919.3	4343585.36	8.35E-07
349	ALL	670140.6	4343585.36	8.52E-07
350	ALL	670361.9	4343585.36	8.91E-07
351	ALL	670583.2	4343585.36	9.34E-07
352	ALL	670804.5	4343585.36	1.01E-06
353	ALL	671025.8	4343585.36	1.05E-06
354	ALL	671247.1	4343585.36	8.72E-07
355	ALL	671468.4	4343585.36	5.95E-07
356	ALL	671689.8	4343585.36	4.73E-07
357	ALL	671911.1	4343585.36	3.60E-07
358	ALL	672132.4	4343585.36	2.92E-07
359	ALL	672353.7	4343585.36	2.32E-07
360	ALL	672575	4343585.36	2.00E-07
361	ALL	668148.8	4343750.32	6.32E-07
362	ALL	668370.1	4343750.32	8.90E-07
363	ALL	668591.4	4343750.32	1.63E-06
364	ALL	668812.7	4343750.32	2.56E-06
365	ALL	669034	4343750.32	2.41E-06
366	ALL	669255.3	4343750.32	1.65E-06
367	ALL	669476.7	4343750.32	1.02E-06
368	ALL	669698	4343750.32	7.99E-07
369	ALL	669919.3	4343750.32	7.55E-07
370	ALL	670140.6	4343750.32	7.67E-07
371	ALL	670361.9	4343750.32	8.08E-07
372	ALL	670583.2	4343750.32	8.31E-07
373	ALL	670804.5	4343750.32	8.72E-07
374	ALL	671025.8	4343750.32	9.00E-07
375	ALL	671247.1	4343750.32	9.95E-07

Mitigated Cancer Risk

376	ALL	671468.4	4343750.32	9.83E-07
377	ALL	671689.8	4343750.32	9.80E-07
378	ALL	671911.1	4343750.32	6.20E-07
379	ALL	672132.4	4343750.32	3.21E-07
380	ALL	672353.7	4343750.32	2.39E-07
381	ALL	672575	4343750.32	2.06E-07
382	ALL	668148.8	4343915.28	6.79E-07
383	ALL	668370.1	4343915.28	8.90E-07
384	ALL	668591.4	4343915.28	1.31E-06
385	ALL	668812.7	4343915.28	1.78E-06
386	ALL	669034	4343915.28	1.74E-06
387	ALL	669255.3	4343915.28	1.28E-06
388	ALL	669476.7	4343915.28	8.99E-07
389	ALL	669698	4343915.28	7.36E-07
390	ALL	669919.3	4343915.28	6.94E-07
391	ALL	670140.6	4343915.28	7.07E-07
392	ALL	670361.9	4343915.28	7.22E-07
393	ALL	670583.2	4343915.28	7.61E-07
394	ALL	670804.5	4343915.28	7.85E-07
395	ALL	671025.8	4343915.28	8.00E-07
396	ALL	671247.1	4343915.28	8.01E-07
397	ALL	671468.4	4343915.28	9.08E-07
398	ALL	671689.8	4343915.28	8.79E-07
399	ALL	671911.1	4343915.28	5.28E-07
400	ALL	672132.4	4343915.28	4.38E-07
401	ALL	672353.7	4343915.28	3.20E-07
402	ALL	672575	4343915.28	2.48E-07
403	ALL	668148.8	4344080.24	6.49E-07
404	ALL	668370.1	4344080.24	8.45E-07
405	ALL	668591.4	4344080.24	1.12E-06
406	ALL	668812.7	4344080.24	1.38E-06
407	ALL	669034	4344080.24	1.35E-06
408	ALL	669255.3	4344080.24	1.06E-06
409	ALL	669476.7	4344080.24	8.13E-07
410	ALL	669698	4344080.24	6.84E-07
411	ALL	669919.3	4344080.24	6.45E-07
412	ALL	670140.6	4344080.24	6.62E-07
413	ALL	670361.9	4344080.24	6.58E-07
414	ALL	670583.2	4344080.24	6.93E-07
415	ALL	670804.5	4344080.24	7.15E-07
416	ALL	671025.8	4344080.24	9.77E-07
417	ALL	671247.1	4344080.24	7.24E-07
418	ALL	671468.4	4344080.24	6.42E-07
419	ALL	671689.8	4344080.24	6.17E-07
420	ALL	671911.1	4344080.24	3.17E-07
421	ALL	672132.4	4344080.24	2.59E-07
422	ALL	672353.7	4344080.24	2.35E-07

Mitigated Cancer Risk

423	ALL	672575	4344080.24	2.00E-07
424	ALL	671464.7	4342094.27	5.01E-06
425	ALL	671482.2	4342063.91	5.28E-06
426	ALL	671498.6	4342030.05	5.54E-06
427	ALL	671513.8	4341991.52	5.98E-06
428	ALL	671541.8	4341964.66	5.69E-06
429	ALL	671575.6	4341974	4.47E-06
430	ALL	671460.8	4342162.97	4.07E-06
431	ALL	671451	4342187.35	3.95E-06
432	ALL	671510.7	4342219.66	3.15E-06
433	ALL	671524.1	4342192.84	3.14E-06
434	ALL	671522.9	4342250.74	2.92E-06
435	ALL	671599.1	4342252.57	2.39E-06
436	ALL	671627.8	4342256.84	2.24E-06
437	ALL	671583.9	4342116.03	2.80E-06
438	ALL	671595.5	4342071.54	2.92E-06
439	ALL	671663.1	4342056.3	2.57E-06
440	ALL	671600.9	4342030.09	3.28E-06
441	ALL	671526.6	4342155.65	3.25E-06
442	ALL	671629	4342292.19	2.17E-06
443	ALL	671641.8	4341980.71	3.32E-06
444	ALL	671666.8	4342018.51	2.79E-06
445	ALL	671407.1	4342219.66	4.28E-06
446	ALL	671415.6	4342183.08	4.59E-06
447	ALL	671635.1	4341706.42	9.07E-06
448	ALL	671693.6	4341710.08	6.81E-06
449	ALL	671719.8	4341736.29	5.95E-06
450	ALL	671673.5	4341630.23	8.16E-06
451	ALL	671888	4341936.22	2.38E-06
452	ALL	671977.6	4341952.07	1.61E-06
453	ALL	672039.2	4341894.77	1.27E-06
454	ALL	671858.2	4341753.96	3.82E-06
455	ALL	671922.8	4341634.49	2.96E-06
456	ALL	671613.7	4341791.15	7.38E-06
457	ALL	671853.3	4341730.8	3.91E-06
458	ALL	671783.8	4341585.73	4.78E-06
459	ALL	671783.2	4341546.72	4.53E-06
460	ALL	671769.2	4341461.38	4.00E-06
461	ALL	671800.9	4341420.54	3.59E-06
462	ALL	671880.1	4341427.25	2.70E-06
463	ALL	672012.4	4341504.66	1.13E-06
464	ALL	672084.3	4341547.94	1.18E-06
465	ALL	671915.5	4341478.45	2.37E-06
466	ALL	671903.3	4341564.4	3.00E-06
467	ALL	671863.1	4341522.34	3.41E-06
468	ALL	671830.1	4341336.43	3.21E-06
469	ALL	671835.6	4341287.66	3.07E-06

Mitigated Cancer Risk

470	ALL	671825.9	4341275.47	3.16E-06
471	ALL	672136.7	4341370.56	6.49E-07
472	ALL	671920.3	4341307.17	1.79E-06
473	ALL	671695.4	4341257.19	3.17E-06
474	ALL	671682	4341176.12	2.11E-06
475	ALL	671991.7	4341196.23	1.64E-06
476	ALL	672022.1	4341231.59	1.27E-06
477	ALL	671992.3	4341177.95	1.30E-06
478	ALL	671540.6	4341238.29	1.34E-06
479	ALL	671575.3	4341177.95	1.09E-06
480	ALL	671454.7	4341196.23	1.13E-06
481	ALL	671523.5	4341116.38	9.08E-07
482	ALL	671413.2	4341126.74	9.30E-07
483	ALL	671471.1	4341064.57	8.10E-07
484	ALL	671601.6	4341050.55	1.23E-06
485	ALL	671198.6	4341253.53	8.65E-07
486	ALL	671278.5	4341212.08	9.22E-07
487	ALL	671230.3	4341132.84	7.00E-07
488	ALL	671073.1	4341271.82	8.45E-07
489	ALL	671122.5	4341373.61	1.25E-06
490	ALL	671118.8	4341397.38	1.36E-06
491	ALL	670978.4	4341324.15	9.74E-07
492	ALL	670932.9	4341394.21	1.11E-06
493	ALL	670935.2	4341367.36	1.07E-06
494	ALL	671108	4340976.17	5.85E-07
495	ALL	671286.7	4340978.51	6.15E-07
496	ALL	671675.4	4342488.78	1.32E-06
497	ALL	671091.4	4342277.23	7.59E-06
498	ALL	671051.8	4342332.07	5.64E-06
499	ALL	671051.8	4342369.2	5.86E-06
500	ALL	670953	4342360.76	4.86E-06
501	ALL	670695.7	4342235.89	2.88E-06
502	ALL	670545.5	4342318.58	2.32E-06
503	ALL	670711.7	4342488.16	2.93E-06
504	ALL	670648.3	4342501.73	2.42E-06
505	ALL	670648.3	4342630.87	1.51E-06
506	ALL	670806.3	4342728.41	2.56E-06
507	ALL	670688.2	4342739.41	1.42E-06
508	ALL	670804.9	4342427.55	3.27E-06
509	ALL	670439.5	4342471.51	1.99E-06
510	ALL	670358.4	4342578.67	1.71E-06
511	ALL	670546.6	4342662.47	2.17E-06
512	ALL	670537	4342595.15	2.11E-06
513	ALL	670483.5	4342776.5	2.02E-06
514	ALL	670508.2	4342754.52	2.02E-06
515	ALL	670517.8	4342868.54	2.09E-06
516	ALL	670545.3	4342850.69	1.93E-06

Mitigated Cancer Risk

517	ALL	670582.4	4342878.16	2.12E-06
518	ALL	670304.9	4342688.57	1.53E-06
519	ALL	670039.7	4342661.1	1.42E-06
520	ALL	670156.5	4342673.46	1.40E-06
521	ALL	670236.2	4342648.73	1.49E-06
522	ALL	670071.3	4342738.03	1.29E-06
523	ALL	669990.2	4342753.14	1.24E-06
524	ALL	669928.4	4342742.15	1.19E-06
525	ALL	669815.8	4342673.46	1.17E-06
526	ALL	669743	4342655.6	1.14E-06
527	ALL	669791	4342744.9	1.10E-06
528	ALL	669696.3	4342731.16	1.08E-06
529	ALL	669536.9	4342552.57	9.57E-07
530	ALL	671174.9	4342280.21	8.73E-06
531	ALL	671068.4	4342169.93	1.12E-05
532	ALL	670965.7	4342179.44	6.97E-06
533	ALL	670815.5	4342198.45	3.57E-06
534	ALL	670737.6	4342097.68	2.71E-06
535	ALL	670762.3	4342069.16	2.81E-06
536	ALL	670817.4	4342040.64	3.18E-06
537	ALL	670895.4	4342025.43	3.95E-06
538	ALL	670979	4341915.15	5.07E-06
539	ALL	671115.9	4341863.81	9.43E-06
540	ALL	671199.6	4341770.65	1.68E-05
541	ALL	671222.4	4341377.07	1.71E-06
542	ALL	671714.8	4341392.28	4.32E-06
543	ALL	671366.9	4341998.81	1.98E-05
544	ALL	671226.2	4342236.48	9.64E-06
545	ALL	669098.4	4343411.59	1.05E-05
546	ALL	668908.6	4343364.56	1.60E-05
547	ALL	668851.5	4343359.52	1.49E-05
548	ALL	668831.4	4343371.27	1.25E-05
549	ALL	668733.9	4343302.41	1.66E-05
550	ALL	668686.9	4343199.95	1.15E-05
551	ALL	668671.8	4343089.09	4.73E-06
552	ALL	668806.2	4343001.74	4.79E-06
553	ALL	668918.7	4343025.26	5.58E-06
554	ALL	669024.5	4342942.95	4.16E-06
555	ALL	669288.2	4342916.08	2.84E-06
556	ALL	669333.6	4342922.8	2.67E-06
557	ALL	669365.5	4342978.23	3.58E-06
558	ALL	669337	4343151.23	7.29E-06
559	ALL	669303.4	4343304.09	7.16E-06
560	ALL	669222.7	4343235.22	2.14E-05
561	ALL	669135.4	4343305.77	2.23E-05

Unmitigated Chronic Risk

REC	GRP	X	Y	MAXHI
1	ALL	668148.8	4340781	4.06E-02
2	ALL	668370.1	4340781	4.53E-02
3	ALL	668591.4	4340781	4.99E-02
4	ALL	668812.7	4340781	5.38E-02
5	ALL	669034	4340781	5.98E-02
6	ALL	669255.3	4340781	6.69E-02
7	ALL	669476.7	4340781	7.40E-02
8	ALL	669698	4340781	8.31E-02
9	ALL	669919.3	4340781	1.02E-01
10	ALL	670140.6	4340781	1.18E-01
11	ALL	670361.9	4340781	1.15E-01
12	ALL	670583.2	4340781	8.04E-02
13	ALL	670804.5	4340781	7.90E-02
14	ALL	671025.8	4340781	6.42E-02
15	ALL	671247.1	4340781	6.43E-02
16	ALL	671468.4	4340781	8.72E-02
17	ALL	671689.8	4340781	1.27E-01
18	ALL	671911.1	4340781	1.21E-01
19	ALL	672132.4	4340781	6.31E-02
20	ALL	672353.7	4340781	1.15E-01
21	ALL	672575	4340781	1.48E-01
22	ALL	668148.8	4340946	3.99E-02
23	ALL	668370.1	4340946	4.46E-02
24	ALL	668591.4	4340946	4.92E-02
25	ALL	668812.7	4340946	5.38E-02
26	ALL	669034	4340946	6.16E-02
27	ALL	669255.3	4340946	6.84E-02
28	ALL	669476.7	4340946	7.59E-02
29	ALL	669698	4340946	8.79E-02
30	ALL	669919.3	4340946	1.21E-01
31	ALL	670140.6	4340946	1.27E-01
32	ALL	670361.9	4340946	1.34E-01
33	ALL	670583.2	4340946	1.28E-01
34	ALL	670804.5	4340946	8.39E-02
35	ALL	671025.8	4340946	6.35E-02
36	ALL	671247.1	4340946	6.28E-02
37	ALL	671468.4	4340946	7.87E-02
38	ALL	671689.8	4340946	1.63E-01
39	ALL	671911.1	4340946	1.91E-01
40	ALL	672132.4	4340946	5.81E-02
41	ALL	672353.7	4340946	7.77E-02
42	ALL	672575	4340946	1.44E-01
43	ALL	668148.8	4341111	4.03E-02
44	ALL	668370.1	4341111	4.35E-02
45	ALL	668591.4	4341111	4.95E-02
46	ALL	668812.7	4341111	5.49E-02

Unmitigated Chronic Risk

47	ALL	669034	4341111	6.15E-02
48	ALL	669255.3	4341111	6.75E-02
49	ALL	669476.7	4341111	7.82E-02
50	ALL	669698	4341111	9.07E-02
51	ALL	669919.3	4341111	1.04E-01
52	ALL	670140.6	4341111	1.38E-01
53	ALL	670361.9	4341111	1.28E-01
54	ALL	670583.2	4341111	9.39E-02
55	ALL	670804.5	4341111	7.07E-02
56	ALL	671025.8	4341111	6.08E-02
57	ALL	671247.1	4341111	7.27E-02
58	ALL	671468.4	4341111	9.26E-02
59	ALL	671689.8	4341111	2.63E-01
60	ALL	671911.1	4341111	2.08E-01
61	ALL	672132.4	4341111	5.63E-02
62	ALL	672353.7	4341111	5.16E-02
63	ALL	672575	4341111	1.47E-01
64	ALL	668148.8	4341276	4.12E-02
65	ALL	668370.1	4341276	4.48E-02
66	ALL	668591.4	4341276	5.01E-02
67	ALL	668812.7	4341276	5.65E-02
68	ALL	669034	4341276	6.36E-02
69	ALL	669255.3	4341276	7.09E-02
70	ALL	669476.7	4341276	7.96E-02
71	ALL	669698	4341276	9.16E-02
72	ALL	669919.3	4341276	1.28E-01
73	ALL	670140.6	4341276	1.14E-01
74	ALL	670361.9	4341276	9.96E-02
75	ALL	670583.2	4341276	7.02E-02
76	ALL	670804.5	4341276	7.12E-02
77	ALL	671025.8	4341276	7.02E-02
78	ALL	671247.1	4341276	9.88E-02
79	ALL	671468.4	4341276	2.61E-01
80	ALL	671689.8	4341276	4.08E-01
81	ALL	671911.1	4341276	2.53E-01
82	ALL	672132.4	4341276	6.20E-02
83	ALL	672353.7	4341276	4.51E-02
84	ALL	672575	4341276	1.42E-01
85	ALL	668148.8	4341441	4.17E-02
86	ALL	668370.1	4341441	4.57E-02
87	ALL	668591.4	4341441	5.06E-02
88	ALL	668812.7	4341441	5.71E-02
89	ALL	669034	4341441	6.40E-02
90	ALL	669255.3	4341441	7.08E-02
91	ALL	669476.7	4341441	8.06E-02
92	ALL	669698	4341441	9.40E-02
93	ALL	669919.3	4341441	1.27E-01

Unmitigated Chronic Risk

94	ALL	670140.6	4341441	9.93E-02
95	ALL	670361.9	4341441	8.67E-02
96	ALL	670583.2	4341441	7.19E-02
97	ALL	670804.5	4341441	8.85E-02
98	ALL	671025.8	4341441	9.16E-02
99	ALL	671689.8	4341441	5.12E-01
100	ALL	671911.1	4341441	2.48E-01
101	ALL	672132.4	4341441	6.82E-02
102	ALL	672353.7	4341441	6.68E-02
103	ALL	672575	4341441	1.19E-01
104	ALL	668148.8	4341606	4.34E-02
105	ALL	668370.1	4341606	4.70E-02
106	ALL	668591.4	4341606	5.16E-02
107	ALL	668812.7	4341606	5.73E-02
108	ALL	669034	4341606	6.37E-02
109	ALL	669255.3	4341606	7.16E-02
110	ALL	669476.7	4341606	8.16E-02
111	ALL	669698	4341606	9.37E-02
112	ALL	669919.3	4341606	1.19E-01
113	ALL	670140.6	4341606	1.09E-01
114	ALL	670361.9	4341606	8.09E-02
115	ALL	670583.2	4341606	8.28E-02
116	ALL	670804.5	4341606	1.29E-01
117	ALL	671025.8	4341606	1.21E-01
118	ALL	671689.8	4341606	6.23E-01
119	ALL	671911.1	4341606	2.99E-01
120	ALL	672132.4	4341606	1.12E-01
121	ALL	672353.7	4341606	8.78E-02
122	ALL	672575	4341606	1.23E-01
123	ALL	668148.8	4341771	4.41E-02
124	ALL	668370.1	4341771	4.80E-02
125	ALL	668591.4	4341771	5.14E-02
126	ALL	668812.7	4341771	5.72E-02
127	ALL	669034	4341771	6.46E-02
128	ALL	669255.3	4341771	7.34E-02
129	ALL	669476.7	4341771	8.28E-02
130	ALL	669698	4341771	1.17E-01
131	ALL	669919.3	4341771	1.10E-01
132	ALL	670140.6	4341771	9.32E-02
133	ALL	670361.9	4341771	7.10E-02
134	ALL	670583.2	4341771	1.11E-01
135	ALL	670804.5	4341771	2.91E-01
136	ALL	671025.8	4341771	4.70E-01
137	ALL	671689.8	4341771	3.99E-01
138	ALL	671911.1	4341771	2.75E-01
139	ALL	672132.4	4341771	7.86E-02
140	ALL	672353.7	4341771	5.18E-02

Unmitigated Chronic Risk

141	ALL	672575	4341771	1.18E-01
142	ALL	668148.8	4341936	4.44E-02
143	ALL	668370.1	4341936	4.75E-02
144	ALL	668591.4	4341936	5.18E-02
145	ALL	668812.7	4341936	5.80E-02
146	ALL	669034	4341936	6.57E-02
147	ALL	669255.3	4341936	7.40E-02
148	ALL	669476.7	4341936	1.07E-01
149	ALL	669698	4341936	9.43E-02
150	ALL	669919.3	4341936	6.72E-02
151	ALL	670140.6	4341936	6.96E-02
152	ALL	670361.9	4341936	8.30E-02
153	ALL	670583.2	4341936	2.02E-01
154	ALL	670804.5	4341936	3.06E-01
155	ALL	671468.4	4341936	5.37E-01
156	ALL	671689.8	4341936	2.14E-01
157	ALL	671911.1	4341936	1.82E-01
158	ALL	672132.4	4341936	6.71E-02
159	ALL	672353.7	4341936	4.38E-02
160	ALL	672575	4341936	1.31E-01
161	ALL	668148.8	4342101	4.71E-02
162	ALL	668370.1	4342101	4.95E-02
163	ALL	668591.4	4342101	5.34E-02
164	ALL	668812.7	4342101	5.88E-02
165	ALL	669034	4342101	6.62E-02
166	ALL	669255.3	4342101	7.45E-02
167	ALL	669476.7	4342101	1.06E-01
168	ALL	669698	4342101	1.17E-01
169	ALL	669919.3	4342101	1.20E-01
170	ALL	670140.6	4342101	9.78E-02
171	ALL	670361.9	4342101	1.91E-01
172	ALL	670583.2	4342101	2.06E-01
173	ALL	671468.4	4342101	2.47E-01
174	ALL	671689.8	4342101	1.41E-01
175	ALL	671911.1	4342101	1.40E-01
176	ALL	672132.4	4342101	7.79E-02
177	ALL	672353.7	4342101	4.85E-02
178	ALL	672575	4342101	1.28E-01
179	ALL	668148.8	4342266	5.01E-02
180	ALL	668370.1	4342266	5.20E-02
181	ALL	668591.4	4342266	5.42E-02
182	ALL	668812.7	4342266	5.77E-02
183	ALL	669034	4342266	6.42E-02
184	ALL	669255.3	4342266	7.37E-02
185	ALL	669476.7	4342266	8.40E-02
186	ALL	669698	4342266	9.78E-02
187	ALL	669919.3	4342266	1.14E-01

Unmitigated Chronic Risk

188	ALL	670140.6	4342266	1.36E-01
189	ALL	670361.9	4342266	1.66E-01
190	ALL	670583.2	4342266	2.11E-01
191	ALL	670804.5	4342266	3.21E-01
192	ALL	671025.8	4342266	5.54E-01
193	ALL	671247.1	4342266	6.36E-01
194	ALL	671468.4	4342266	1.98E-01
195	ALL	671689.8	4342266	1.35E-01
196	ALL	671911.1	4342266	1.07E-01
197	ALL	672132.4	4342266	1.19E-01
198	ALL	672353.7	4342266	9.49E-02
199	ALL	672575	4342266	1.05E-01
200	ALL	668148.8	4342431	4.97E-02
201	ALL	668370.1	4342431	5.71E-02
202	ALL	668591.4	4342431	5.82E-02
203	ALL	668812.7	4342431	6.06E-02
204	ALL	669034	4342431	6.35E-02
205	ALL	669255.3	4342431	6.90E-02
206	ALL	669476.7	4342431	8.08E-02
207	ALL	669698	4342431	9.18E-02
208	ALL	669919.3	4342431	1.09E-01
209	ALL	670140.6	4342431	1.29E-01
210	ALL	670361.9	4342431	1.59E-01
211	ALL	670583.2	4342431	2.20E-01
212	ALL	670804.5	4342431	3.17E-01
213	ALL	671025.8	4342431	5.27E-01
214	ALL	671247.1	4342431	2.02E-01
215	ALL	671468.4	4342431	1.45E-01
216	ALL	671689.8	4342431	1.05E-01
217	ALL	671911.1	4342431	8.81E-02
218	ALL	672132.4	4342431	1.12E-01
219	ALL	672353.7	4342431	1.15E-01
220	ALL	672575	4342431	9.87E-02
221	ALL	668148.8	4342596	5.33E-02
222	ALL	668370.1	4342596	6.00E-02
223	ALL	668591.4	4342596	6.58E-02
224	ALL	668812.7	4342596	6.93E-02
225	ALL	669034	4342596	7.04E-02
226	ALL	669255.3	4342596	7.30E-02
227	ALL	669476.7	4342596	7.82E-02
228	ALL	669698	4342596	9.41E-02
229	ALL	669919.3	4342596	1.05E-01
230	ALL	670140.6	4342596	1.29E-01
231	ALL	670361.9	4342596	1.63E-01
232	ALL	670583.2	4342596	1.94E-01
233	ALL	670804.5	4342596	3.33E-01
234	ALL	671025.8	4342596	4.23E-01

Unmitigated Chronic Risk

235	ALL	671247.1	4342596	2.74E-01
236	ALL	671468.4	4342596	1.04E-01
237	ALL	671689.8	4342596	7.04E-02
238	ALL	671911.1	4342596	5.61E-02
239	ALL	672132.4	4342596	7.00E-02
240	ALL	672353.7	4342596	1.21E-01
241	ALL	672575	4342596	9.08E-02
242	ALL	668148.8	4342761	5.73E-02
243	ALL	668370.1	4342761	7.03E-02
244	ALL	668591.4	4342761	8.02E-02
245	ALL	668812.7	4342761	8.89E-02
246	ALL	669034	4342761	8.29E-02
247	ALL	669255.3	4342761	8.23E-02
248	ALL	669476.7	4342761	8.59E-02
249	ALL	669698	4342761	9.73E-02
250	ALL	669919.3	4342761	1.08E-01
251	ALL	670140.6	4342761	1.64E-01
252	ALL	670361.9	4342761	2.15E-01
253	ALL	670583.2	4342761	1.76E-01
254	ALL	670804.5	4342761	2.52E-01
255	ALL	671025.8	4342761	2.56E-01
256	ALL	671247.1	4342761	1.21E-01
257	ALL	671468.4	4342761	8.60E-02
258	ALL	671689.8	4342761	6.53E-02
259	ALL	671911.1	4342761	4.52E-02
260	ALL	672132.4	4342761	4.95E-02
261	ALL	672353.7	4342761	1.19E-01
262	ALL	672575	4342761	9.81E-02
263	ALL	668148.8	4342926	5.76E-02
264	ALL	668370.1	4342926	7.51E-02
265	ALL	668591.4	4342926	9.55E-02
266	ALL	668812.7	4342926	1.24E-01
267	ALL	669034	4342926	1.54E-01
268	ALL	669476.7	4342926	9.82E-02
269	ALL	669698	4342926	9.77E-02
270	ALL	669919.3	4342926	1.29E-01
271	ALL	670140.6	4342926	1.78E-01
272	ALL	670361.9	4342926	2.04E-01
273	ALL	670583.2	4342926	2.39E-01
274	ALL	670804.5	4342926	2.83E-01
275	ALL	671025.8	4342926	9.83E-02
276	ALL	671247.1	4342926	9.79E-02
277	ALL	671468.4	4342926	6.65E-02
278	ALL	671689.8	4342926	5.48E-02
279	ALL	671911.1	4342926	4.15E-02
280	ALL	672132.4	4342926	3.31E-02
281	ALL	672353.7	4342926	5.69E-02

Unmitigated Chronic Risk

282	ALL	672575	4342926	9.87E-02
283	ALL	668148.8	4343090	5.36E-02
284	ALL	668370.1	4343090	7.28E-02
285	ALL	668591.4	4343090	1.13E-01
286	ALL	669476.7	4343090	1.08E-01
287	ALL	669698	4343090	9.48E-02
288	ALL	669919.3	4343090	1.03E-01
289	ALL	670140.6	4343090	1.36E-01
290	ALL	670361.9	4343090	1.35E-01
291	ALL	670583.2	4343090	1.47E-01
292	ALL	670804.5	4343090	2.19E-01
293	ALL	671025.8	4343090	8.15E-02
294	ALL	671247.1	4343090	7.69E-02
295	ALL	671468.4	4343090	5.78E-02
296	ALL	671689.8	4343090	4.60E-02
297	ALL	671911.1	4343090	3.66E-02
298	ALL	672132.4	4343090	3.05E-02
299	ALL	672353.7	4343090	2.50E-02
300	ALL	672575	4343090	3.28E-02
301	ALL	668148.8	4343255	5.09E-02
302	ALL	668370.1	4343255	6.96E-02
303	ALL	668591.4	4343255	1.47E-01
304	ALL	669476.7	4343255	1.01E-01
305	ALL	669698	4343255	1.00E-01
306	ALL	669919.3	4343255	1.06E-01
307	ALL	670140.6	4343255	1.16E-01
308	ALL	670361.9	4343255	1.19E-01
309	ALL	670583.2	4343255	1.22E-01
310	ALL	670804.5	4343255	1.37E-01
311	ALL	671025.8	4343255	7.31E-02
312	ALL	671247.1	4343255	6.19E-02
313	ALL	671468.4	4343255	5.41E-02
314	ALL	671689.8	4343255	3.98E-02
315	ALL	671911.1	4343255	3.25E-02
316	ALL	672132.4	4343255	2.81E-02
317	ALL	672353.7	4343255	2.48E-02
318	ALL	672575	4343255	2.03E-02
319	ALL	668148.8	4343420	4.95E-02
320	ALL	668370.1	4343420	6.96E-02
321	ALL	668591.4	4343420	1.46E-01
322	ALL	668812.7	4343420	3.45E-01
323	ALL	669034	4343420	4.43E-01
324	ALL	669255.3	4343420	2.09E-01
325	ALL	669476.7	4343420	9.67E-02
326	ALL	669698	4343420	8.51E-02
327	ALL	669919.3	4343420	8.97E-02
328	ALL	670140.6	4343420	9.27E-02

329	ALL	670361.9	4343420	9.95E-02
330	ALL	670583.2	4343420	1.05E-01
331	ALL	670804.5	4343420	1.19E-01
332	ALL	671025.8	4343420	1.61E-01
333	ALL	671247.1	4343420	8.30E-02
334	ALL	671468.4	4343420	4.62E-02
335	ALL	671689.8	4343420	3.68E-02
336	ALL	671911.1	4343420	2.93E-02
337	ALL	672132.4	4343420	2.49E-02
338	ALL	672353.7	4343420	2.12E-02
339	ALL	672575	4343420	1.87E-02
340	ALL	668148.8	4343585	4.72E-02
341	ALL	668370.1	4343585	6.13E-02
342	ALL	668591.4	4343585	1.12E-01
343	ALL	668812.7	4343585	1.80E-01
344	ALL	669034	4343585	1.89E-01
345	ALL	669255.3	4343585	1.27E-01
346	ALL	669476.7	4343585	8.29E-02
347	ALL	669698	4343585	7.41E-02
348	ALL	669919.3	4343585	7.68E-02
349	ALL	670140.6	4343585	8.24E-02
350	ALL	670361.9	4343585	8.89E-02
351	ALL	670583.2	4343585	9.44E-02
352	ALL	670804.5	4343585	1.03E-01
353	ALL	671025.8	4343585	1.07E-01
354	ALL	671247.1	4343585	8.60E-02
355	ALL	671468.4	4343585	5.18E-02
356	ALL	671689.8	4343585	3.96E-02
357	ALL	671911.1	4343585	2.99E-02
358	ALL	672132.4	4343585	2.52E-02
359	ALL	672353.7	4343585	2.05E-02
360	ALL	672575	4343585	1.85E-02
361	ALL	668148.8	4343750	4.76E-02
362	ALL	668370.1	4343750	5.93E-02
363	ALL	668591.4	4343750	8.87E-02
364	ALL	668812.7	4343750	1.25E-01
365	ALL	669034	4343750	1.23E-01
366	ALL	669255.3	4343750	9.72E-02
367	ALL	669476.7	4343750	7.58E-02
368	ALL	669698	4343750	7.00E-02
369	ALL	669919.3	4343750	7.15E-02
370	ALL	670140.6	4343750	7.57E-02
371	ALL	670361.9	4343750	8.20E-02
372	ALL	670583.2	4343750	8.49E-02
373	ALL	670804.5	4343750	8.93E-02
374	ALL	671025.8	4343750	9.21E-02
375	ALL	671247.1	4343750	1.06E-01

376	ALL	671468.4	4343750	1.07E-01
377	ALL	671689.8	4343750	1.10E-01
378	ALL	671911.1	4343750	6.55E-02
379	ALL	672132.4	4343750	2.95E-02
380	ALL	672353.7	4343750	2.20E-02
381	ALL	672575	4343750	1.95E-02
382	ALL	668148.8	4343915	4.83E-02
383	ALL	668370.1	4343915	5.87E-02
384	ALL	668591.4	4343915	7.64E-02
385	ALL	668812.7	4343915	9.60E-02
386	ALL	669034	4343915	9.70E-02
387	ALL	669255.3	4343915	8.29E-02
388	ALL	669476.7	4343915	7.04E-02
389	ALL	669698	4343915	6.60E-02
390	ALL	669919.3	4343915	6.69E-02
391	ALL	670140.6	4343915	7.11E-02
392	ALL	670361.9	4343915	7.36E-02
393	ALL	670583.2	4343915	7.86E-02
394	ALL	670804.5	4343915	8.11E-02
395	ALL	671025.8	4343915	8.24E-02
396	ALL	671247.1	4343915	8.29E-02
397	ALL	671468.4	4343915	1.00E-01
398	ALL	671689.8	4343915	9.97E-02
399	ALL	671911.1	4343915	5.52E-02
400	ALL	672132.4	4343915	4.60E-02
401	ALL	672353.7	4343915	3.27E-02
402	ALL	672575	4343915	2.52E-02
403	ALL	668148.8	4344080	4.71E-02
404	ALL	668370.1	4344080	5.60E-02
405	ALL	668591.4	4344080	6.85E-02
406	ALL	668812.7	4344080	8.03E-02
407	ALL	669034	4344080	8.16E-02
408	ALL	669255.3	4344080	7.31E-02
409	ALL	669476.7	4344080	6.52E-02
410	ALL	669698	4344080	6.23E-02
411	ALL	669919.3	4344080	6.33E-02
412	ALL	670140.6	4344080	6.77E-02
413	ALL	670361.9	4344080	6.75E-02
414	ALL	670583.2	4344080	7.20E-02
415	ALL	670804.5	4344080	7.45E-02
416	ALL	671025.8	4344080	1.11E-01
417	ALL	671247.1	4344080	7.57E-02
418	ALL	671468.4	4344080	6.59E-02
419	ALL	671689.8	4344080	6.67E-02
420	ALL	671911.1	4344080	2.89E-02
421	ALL	672132.4	4344080	2.38E-02
422	ALL	672353.7	4344080	2.26E-02

423	ALL	672575	4344080	1.97E-02
424	ALL	671464.7	4342094	2.58E-01
425	ALL	671482.2	4342064	2.72E-01
426	ALL	671498.6	4342030	2.84E-01
427	ALL	671513.8	4341992	3.05E-01
428	ALL	671541.8	4341965	2.93E-01
429	ALL	671575.6	4341974	2.34E-01
430	ALL	671460.8	4342163	2.16E-01
431	ALL	671451	4342187	2.13E-01
432	ALL	671510.7	4342220	1.80E-01
433	ALL	671524.1	4342193	1.76E-01
434	ALL	671522.9	4342251	1.73E-01
435	ALL	671599.1	4342253	1.49E-01
436	ALL	671627.8	4342257	1.45E-01
437	ALL	671583.9	4342116	1.52E-01
438	ALL	671595.5	4342072	1.57E-01
439	ALL	671663.1	4342056	1.48E-01
440	ALL	671600.9	4342030	1.76E-01
441	ALL	671526.6	4342156	1.77E-01
442	ALL	671629	4342292	1.45E-01
443	ALL	671641.8	4341981	1.86E-01
444	ALL	671666.8	4342019	1.61E-01
445	ALL	671407.1	4342220	2.34E-01
446	ALL	671415.6	4342183	2.45E-01
447	ALL	671635.1	4341706	6.60E-01
448	ALL	671693.6	4341710	5.43E-01
449	ALL	671719.8	4341736	4.82E-01
450	ALL	671673.5	4341630	6.64E-01
451	ALL	671888	4341936	2.01E-01
452	ALL	671977.6	4341952	1.31E-01
453	ALL	672039.2	4341895	9.78E-02
454	ALL	671858.2	4341754	3.41E-01
455	ALL	671922.8	4341634	2.86E-01
456	ALL	671613.7	4341791	4.47E-01
457	ALL	671853.3	4341731	3.50E-01
458	ALL	671783.8	4341586	4.36E-01
459	ALL	671783.2	4341547	4.27E-01
460	ALL	671769.2	4341461	4.05E-01
461	ALL	671800.9	4341421	3.86E-01
462	ALL	671880.1	4341427	2.96E-01
463	ALL	672012.4	4341505	9.82E-02
464	ALL	672084.3	4341548	1.06E-01
465	ALL	671915.5	4341478	2.48E-01
466	ALL	671903.3	4341564	3.01E-01
467	ALL	671863.1	4341522	3.52E-01
468	ALL	671830.1	4341336	3.72E-01
469	ALL	671835.6	4341288	3.63E-01

Unmitigated Chronic Risk

470	ALL	671825.9	4341275	3.75E-01
471	ALL	672136.7	4341371	6.04E-02
472	ALL	671920.3	4341307	2.04E-01
473	ALL	671695.4	4341257	3.78E-01
474	ALL	671682	4341176	2.49E-01
475	ALL	671991.7	4341196	1.96E-01
476	ALL	672022.1	4341232	1.46E-01
477	ALL	671992.3	4341178	1.52E-01
478	ALL	671540.6	4341238	1.43E-01
479	ALL	671575.3	4341178	1.18E-01
480	ALL	671454.7	4341196	1.19E-01
481	ALL	671523.5	4341116	9.85E-02
482	ALL	671413.2	4341127	9.94E-02
483	ALL	671471.1	4341065	8.86E-02
484	ALL	671601.6	4341051	1.42E-01
485	ALL	671198.6	4341254	7.84E-02
486	ALL	671278.5	4341212	9.09E-02
487	ALL	671230.3	4341133	7.02E-02
488	ALL	671073.1	4341272	6.95E-02
489	ALL	671122.5	4341374	9.69E-02
490	ALL	671118.8	4341397	1.04E-01
491	ALL	670978.4	4341324	7.52E-02
492	ALL	670932.9	4341394	8.20E-02
493	ALL	670935.2	4341367	8.00E-02
494	ALL	671108	4340976	6.06E-02
495	ALL	671286.7	4340979	6.62E-02
496	ALL	671675.4	4342489	9.07E-02
497	ALL	671091.4	4342277	6.51E-01
498	ALL	671051.8	4342332	4.91E-01
499	ALL	671051.8	4342369	5.32E-01
500	ALL	670953	4342361	4.68E-01
501	ALL	670695.7	4342236	2.59E-01
502	ALL	670545.5	4342319	2.04E-01
503	ALL	670711.7	4342488	3.06E-01
504	ALL	670648.3	4342502	2.51E-01
505	ALL	670648.3	4342631	1.37E-01
506	ALL	670806.3	4342728	2.50E-01
507	ALL	670688.2	4342739	1.27E-01
508	ALL	670804.9	4342428	3.19E-01
509	ALL	670439.5	4342472	1.80E-01
510	ALL	670358.4	4342579	1.63E-01
511	ALL	670546.6	4342662	2.29E-01
512	ALL	670537	4342595	2.22E-01
513	ALL	670483.5	4342777	2.14E-01
514	ALL	670508.2	4342755	2.13E-01
515	ALL	670517.8	4342869	2.23E-01
516	ALL	670545.3	4342851	2.01E-01

Unmitigated Chronic Risk

517	ALL	670582.4	4342878	2.23E-01
518	ALL	670304.9	4342689	1.51E-01
519	ALL	670039.7	4342661	1.17E-01
520	ALL	670156.5	4342673	1.32E-01
521	ALL	670236.2	4342649	1.43E-01
522	ALL	670071.3	4342738	1.22E-01
523	ALL	669990.2	4342753	1.15E-01
524	ALL	669928.4	4342742	1.08E-01
525	ALL	669815.8	4342673	1.03E-01
526	ALL	669743	4342656	9.93E-02
527	ALL	669791	4342745	1.01E-01
528	ALL	669696.3	4342731	9.76E-02
529	ALL	669536.9	4342553	7.93E-02
530	ALL	671174.9	4342280	7.41E-01
531	ALL	671068.4	4342170	9.59E-01
532	ALL	670965.7	4342179	5.31E-01
533	ALL	670815.5	4342198	3.11E-01
534	ALL	670737.6	4342098	2.53E-01
535	ALL	670762.3	4342069	2.63E-01
536	ALL	670817.4	4342041	2.92E-01
537	ALL	670895.4	4342025	3.45E-01
538	ALL	670979	4341915	4.32E-01
539	ALL	671115.9	4341864	7.08E-01
540	ALL	671199.6	4341771	1.18E+00
541	ALL	671222.4	4341377	1.42E-01
542	ALL	671714.8	4341392	4.73E-01
543	ALL	671366.9	4341999	1.15E+00
544	ALL	671226.2	4342236	7.72E-01
545	ALL	669098.4	4343412	4.29E-01
546	ALL	668908.6	4343365	6.34E-01
547	ALL	668851.5	4343360	5.92E-01
548	ALL	668831.4	4343371	5.02E-01
549	ALL	668733.9	4343302	6.62E-01
550	ALL	668686.9	4343200	4.64E-01
551	ALL	668671.8	4343089	2.00E-01
552	ALL	668806.2	4343002	2.04E-01
553	ALL	668918.7	4343025	2.31E-01
554	ALL	669024.5	4342943	1.84E-01
555	ALL	669288.2	4342916	1.40E-01
556	ALL	669333.6	4342923	1.30E-01
557	ALL	669365.5	4342978	1.62E-01
558	ALL	669337	4343151	3.06E-01
559	ALL	669303.4	4343304	3.04E-01
560	ALL	669222.7	4343235	8.47E-01
561	ALL	669135.4	4343306	8.79E-01

Mitigated Chronic Risk

REC	GRP	X	Y	MAXHI
1	ALL	668148.8	4340781.04	4.06E-02
2	ALL	668370.1	4340781.04	4.53E-02
3	ALL	668591.4	4340781.04	4.99E-02
4	ALL	668812.7	4340781.04	5.38E-02
5	ALL	669034	4340781.04	5.97E-02
6	ALL	669255.3	4340781.04	6.69E-02
7	ALL	669476.7	4340781.04	7.39E-02
8	ALL	669698	4340781.04	8.30E-02
9	ALL	669919.3	4340781.04	1.02E-01
10	ALL	670140.6	4340781.04	1.18E-01
11	ALL	670361.9	4340781.04	1.14E-01
12	ALL	670583.2	4340781.04	8.03E-02
13	ALL	670804.5	4340781.04	7.89E-02
14	ALL	671025.8	4340781.04	6.41E-02
15	ALL	671247.1	4340781.04	6.42E-02
16	ALL	671468.4	4340781.04	8.71E-02
17	ALL	671689.8	4340781.04	1.27E-01
18	ALL	671911.1	4340781.04	1.21E-01
19	ALL	672132.4	4340781.04	6.31E-02
20	ALL	672353.7	4340781.04	1.15E-01
21	ALL	672575	4340781.04	1.47E-01
22	ALL	668148.8	4340946	3.98E-02
23	ALL	668370.1	4340946	4.46E-02
24	ALL	668591.4	4340946	4.91E-02
25	ALL	668812.7	4340946	5.37E-02
26	ALL	669034	4340946	6.15E-02
27	ALL	669255.3	4340946	6.83E-02
28	ALL	669476.7	4340946	7.58E-02
29	ALL	669698	4340946	8.78E-02
30	ALL	669919.3	4340946	1.20E-01
31	ALL	670140.6	4340946	1.27E-01
32	ALL	670361.9	4340946	1.33E-01
33	ALL	670583.2	4340946	1.27E-01
34	ALL	670804.5	4340946	8.38E-02
35	ALL	671025.8	4340946	6.34E-02
36	ALL	671247.1	4340946	6.27E-02
37	ALL	671468.4	4340946	7.86E-02
38	ALL	671689.8	4340946	1.62E-01
39	ALL	671911.1	4340946	1.91E-01
40	ALL	672132.4	4340946	5.80E-02
41	ALL	672353.7	4340946	7.76E-02
42	ALL	672575	4340946	1.44E-01
43	ALL	668148.8	4341110.96	4.02E-02
44	ALL	668370.1	4341110.96	4.34E-02
45	ALL	668591.4	4341110.96	4.94E-02
46	ALL	668812.7	4341110.96	5.48E-02

Mitigated Chronic Risk

47	ALL	669034	4341110.96	6.15E-02
48	ALL	669255.3	4341110.96	6.74E-02
49	ALL	669476.7	4341110.96	7.81E-02
50	ALL	669698	4341110.96	9.06E-02
51	ALL	669919.3	4341110.96	1.04E-01
52	ALL	670140.6	4341110.96	1.38E-01
53	ALL	670361.9	4341110.96	1.28E-01
54	ALL	670583.2	4341110.96	9.37E-02
55	ALL	670804.5	4341110.96	7.05E-02
56	ALL	671025.8	4341110.96	6.06E-02
57	ALL	671247.1	4341110.96	7.26E-02
58	ALL	671468.4	4341110.96	9.24E-02
59	ALL	671689.8	4341110.96	2.63E-01
60	ALL	671911.1	4341110.96	2.07E-01
61	ALL	672132.4	4341110.96	5.63E-02
62	ALL	672353.7	4341110.96	5.15E-02
63	ALL	672575	4341110.96	1.47E-01
64	ALL	668148.8	4341275.92	4.11E-02
65	ALL	668370.1	4341275.92	4.47E-02
66	ALL	668591.4	4341275.92	5.00E-02
67	ALL	668812.7	4341275.92	5.65E-02
68	ALL	669034	4341275.92	6.35E-02
69	ALL	669255.3	4341275.92	7.08E-02
70	ALL	669476.7	4341275.92	7.95E-02
71	ALL	669698	4341275.92	9.15E-02
72	ALL	669919.3	4341275.92	1.28E-01
73	ALL	670140.6	4341275.92	1.14E-01
74	ALL	670361.9	4341275.92	9.93E-02
75	ALL	670583.2	4341275.92	6.99E-02
76	ALL	670804.5	4341275.92	7.09E-02
77	ALL	671025.8	4341275.92	6.99E-02
78	ALL	671247.1	4341275.92	9.85E-02
79	ALL	671468.4	4341275.92	2.61E-01
80	ALL	671689.8	4341275.92	4.08E-01
81	ALL	671911.1	4341275.92	2.52E-01
82	ALL	672132.4	4341275.92	6.19E-02
83	ALL	672353.7	4341275.92	4.50E-02
84	ALL	672575	4341275.92	1.42E-01
85	ALL	668148.8	4341440.88	4.16E-02
86	ALL	668370.1	4341440.88	4.56E-02
87	ALL	668591.4	4341440.88	5.05E-02
88	ALL	668812.7	4341440.88	5.70E-02
89	ALL	669034	4341440.88	6.39E-02
90	ALL	669255.3	4341440.88	7.07E-02
91	ALL	669476.7	4341440.88	8.05E-02
92	ALL	669698	4341440.88	9.39E-02
93	ALL	669919.3	4341440.88	1.26E-01

Mitigated Chronic Risk

94	ALL	670140.6	4341440.88	9.91E-02
95	ALL	670361.9	4341440.88	8.65E-02
96	ALL	670583.2	4341440.88	7.16E-02
97	ALL	670804.5	4341440.88	8.81E-02
98	ALL	671025.8	4341440.88	9.12E-02
99	ALL	671689.8	4341440.88	5.11E-01
100	ALL	671911.1	4341440.88	2.48E-01
101	ALL	672132.4	4341440.88	6.80E-02
102	ALL	672353.7	4341440.88	6.66E-02
103	ALL	672575	4341440.88	1.19E-01
104	ALL	668148.8	4341605.84	4.34E-02
105	ALL	668370.1	4341605.84	4.69E-02
106	ALL	668591.4	4341605.84	5.16E-02
107	ALL	668812.7	4341605.84	5.73E-02
108	ALL	669034	4341605.84	6.36E-02
109	ALL	669255.3	4341605.84	7.15E-02
110	ALL	669476.7	4341605.84	8.14E-02
111	ALL	669698	4341605.84	9.35E-02
112	ALL	669919.3	4341605.84	1.19E-01
113	ALL	670140.6	4341605.84	1.09E-01
114	ALL	670361.9	4341605.84	8.07E-02
115	ALL	670583.2	4341605.84	8.25E-02
116	ALL	670804.5	4341605.84	1.28E-01
117	ALL	671025.8	4341605.84	1.21E-01
118	ALL	671689.8	4341605.84	6.21E-01
119	ALL	671911.1	4341605.84	2.98E-01
120	ALL	672132.4	4341605.84	1.11E-01
121	ALL	672353.7	4341605.84	8.75E-02
122	ALL	672575	4341605.84	1.23E-01
123	ALL	668148.8	4341770.8	4.40E-02
124	ALL	668370.1	4341770.8	4.79E-02
125	ALL	668591.4	4341770.8	5.14E-02
126	ALL	668812.7	4341770.8	5.72E-02
127	ALL	669034	4341770.8	6.45E-02
128	ALL	669255.3	4341770.8	7.33E-02
129	ALL	669476.7	4341770.8	8.27E-02
130	ALL	669698	4341770.8	1.17E-01
131	ALL	669919.3	4341770.8	1.10E-01
132	ALL	670140.6	4341770.8	9.31E-02
133	ALL	670361.9	4341770.8	7.08E-02
134	ALL	670583.2	4341770.8	1.11E-01
135	ALL	670804.5	4341770.8	2.91E-01
136	ALL	671025.8	4341770.8	4.68E-01
137	ALL	671689.8	4341770.8	3.97E-01
138	ALL	671911.1	4341770.8	2.74E-01
139	ALL	672132.4	4341770.8	7.82E-02
140	ALL	672353.7	4341770.8	5.15E-02

Mitigated Chronic Risk

141	ALL	672575	4341770.8	1.18E-01
142	ALL	668148.8	4341935.76	4.44E-02
143	ALL	668370.1	4341935.76	4.75E-02
144	ALL	668591.4	4341935.76	5.18E-02
145	ALL	668812.7	4341935.76	5.79E-02
146	ALL	669034	4341935.76	6.56E-02
147	ALL	669255.3	4341935.76	7.39E-02
148	ALL	669476.7	4341935.76	1.07E-01
149	ALL	669698	4341935.76	9.42E-02
150	ALL	669919.3	4341935.76	6.71E-02
151	ALL	670140.6	4341935.76	6.95E-02
152	ALL	670361.9	4341935.76	8.28E-02
153	ALL	670583.2	4341935.76	2.02E-01
154	ALL	670804.5	4341935.76	3.05E-01
155	ALL	671468.4	4341935.76	5.30E-01
156	ALL	671689.8	4341935.76	2.12E-01
157	ALL	671911.1	4341935.76	1.81E-01
158	ALL	672132.4	4341935.76	6.67E-02
159	ALL	672353.7	4341935.76	4.36E-02
160	ALL	672575	4341935.76	1.31E-01
161	ALL	668148.8	4342100.72	4.70E-02
162	ALL	668370.1	4342100.72	4.94E-02
163	ALL	668591.4	4342100.72	5.34E-02
164	ALL	668812.7	4342100.72	5.88E-02
165	ALL	669034	4342100.72	6.61E-02
166	ALL	669255.3	4342100.72	7.44E-02
167	ALL	669476.7	4342100.72	1.06E-01
168	ALL	669698	4342100.72	1.17E-01
169	ALL	669919.3	4342100.72	1.20E-01
170	ALL	670140.6	4342100.72	9.77E-02
171	ALL	670361.9	4342100.72	1.90E-01
172	ALL	670583.2	4342100.72	2.05E-01
173	ALL	671468.4	4342100.72	2.44E-01
174	ALL	671689.8	4342100.72	1.39E-01
175	ALL	671911.1	4342100.72	1.39E-01
176	ALL	672132.4	4342100.72	7.75E-02
177	ALL	672353.7	4342100.72	4.82E-02
178	ALL	672575	4342100.72	1.28E-01
179	ALL	668148.8	4342265.68	5.00E-02
180	ALL	668370.1	4342265.68	5.20E-02
181	ALL	668591.4	4342265.68	5.41E-02
182	ALL	668812.7	4342265.68	5.76E-02
183	ALL	669034	4342265.68	6.41E-02
184	ALL	669255.3	4342265.68	7.36E-02
185	ALL	669476.7	4342265.68	8.39E-02
186	ALL	669698	4342265.68	9.76E-02
187	ALL	669919.3	4342265.68	1.14E-01

Mitigated Chronic Risk

188	ALL	670140.6	4342265.68	1.36E-01
189	ALL	670361.9	4342265.68	1.65E-01
190	ALL	670583.2	4342265.68	2.09E-01
191	ALL	670804.5	4342265.68	3.18E-01
192	ALL	671025.8	4342265.68	5.52E-01
193	ALL	671247.1	4342265.68	6.32E-01
194	ALL	671468.4	4342265.68	1.96E-01
195	ALL	671689.8	4342265.68	1.34E-01
196	ALL	671911.1	4342265.68	1.06E-01
197	ALL	672132.4	4342265.68	1.19E-01
198	ALL	672353.7	4342265.68	9.46E-02
199	ALL	672575	4342265.68	1.05E-01
200	ALL	668148.8	4342430.64	4.97E-02
201	ALL	668370.1	4342430.64	5.70E-02
202	ALL	668591.4	4342430.64	5.82E-02
203	ALL	668812.7	4342430.64	6.05E-02
204	ALL	669034	4342430.64	6.34E-02
205	ALL	669255.3	4342430.64	6.89E-02
206	ALL	669476.7	4342430.64	8.06E-02
207	ALL	669698	4342430.64	9.14E-02
208	ALL	669919.3	4342430.64	1.09E-01
209	ALL	670140.6	4342430.64	1.28E-01
210	ALL	670361.9	4342430.64	1.57E-01
211	ALL	670583.2	4342430.64	2.19E-01
212	ALL	670804.5	4342430.64	3.16E-01
213	ALL	671025.8	4342430.64	5.26E-01
214	ALL	671247.1	4342430.64	2.00E-01
215	ALL	671468.4	4342430.64	1.43E-01
216	ALL	671689.8	4342430.64	1.04E-01
217	ALL	671911.1	4342430.64	8.77E-02
218	ALL	672132.4	4342430.64	1.12E-01
219	ALL	672353.7	4342430.64	1.15E-01
220	ALL	672575	4342430.64	9.85E-02
221	ALL	668148.8	4342595.6	5.32E-02
222	ALL	668370.1	4342595.6	6.00E-02
223	ALL	668591.4	4342595.6	6.57E-02
224	ALL	668812.7	4342595.6	6.93E-02
225	ALL	669034	4342595.6	7.03E-02
226	ALL	669255.3	4342595.6	7.28E-02
227	ALL	669476.7	4342595.6	7.75E-02
228	ALL	669698	4342595.6	9.23E-02
229	ALL	669919.3	4342595.6	1.04E-01
230	ALL	670140.6	4342595.6	1.27E-01
231	ALL	670361.9	4342595.6	1.62E-01
232	ALL	670583.2	4342595.6	1.93E-01
233	ALL	670804.5	4342595.6	3.33E-01
234	ALL	671025.8	4342595.6	4.22E-01

Mitigated Chronic Risk

235	ALL	671247.1	4342595.6	2.73E-01
236	ALL	671468.4	4342595.6	1.03E-01
237	ALL	671689.8	4342595.6	6.99E-02
238	ALL	671911.1	4342595.6	5.58E-02
239	ALL	672132.4	4342595.6	6.98E-02
240	ALL	672353.7	4342595.6	1.21E-01
241	ALL	672575	4342595.6	9.06E-02
242	ALL	668148.8	4342760.56	5.73E-02
243	ALL	668370.1	4342760.56	7.02E-02
244	ALL	668591.4	4342760.56	8.01E-02
245	ALL	668812.7	4342760.56	8.89E-02
246	ALL	669034	4342760.56	8.28E-02
247	ALL	669255.3	4342760.56	8.20E-02
248	ALL	669476.7	4342760.56	8.43E-02
249	ALL	669698	4342760.56	9.67E-02
250	ALL	669919.3	4342760.56	1.08E-01
251	ALL	670140.6	4342760.56	1.63E-01
252	ALL	670361.9	4342760.56	2.15E-01
253	ALL	670583.2	4342760.56	1.75E-01
254	ALL	670804.5	4342760.56	2.52E-01
255	ALL	671025.8	4342760.56	2.55E-01
256	ALL	671247.1	4342760.56	1.21E-01
257	ALL	671468.4	4342760.56	8.54E-02
258	ALL	671689.8	4342760.56	6.49E-02
259	ALL	671911.1	4342760.56	4.49E-02
260	ALL	672132.4	4342760.56	4.93E-02
261	ALL	672353.7	4342760.56	1.19E-01
262	ALL	672575	4342760.56	9.80E-02
263	ALL	668148.8	4342925.52	5.75E-02
264	ALL	668370.1	4342925.52	7.51E-02
265	ALL	668591.4	4342925.52	9.55E-02
266	ALL	668812.7	4342925.52	1.24E-01
267	ALL	669034	4342925.52	1.54E-01
268	ALL	669476.7	4342925.52	9.73E-02
269	ALL	669698	4342925.52	9.74E-02
270	ALL	669919.3	4342925.52	1.28E-01
271	ALL	670140.6	4342925.52	1.78E-01
272	ALL	670361.9	4342925.52	2.04E-01
273	ALL	670583.2	4342925.52	2.38E-01
274	ALL	670804.5	4342925.52	2.82E-01
275	ALL	671025.8	4342925.52	9.78E-02
276	ALL	671247.1	4342925.52	9.73E-02
277	ALL	671468.4	4342925.52	6.60E-02
278	ALL	671689.8	4342925.52	5.45E-02
279	ALL	671911.1	4342925.52	4.13E-02
280	ALL	672132.4	4342925.52	3.30E-02
281	ALL	672353.7	4342925.52	5.68E-02

Mitigated Chronic Risk

282	ALL	672575	4342925.52	9.85E-02
283	ALL	668148.8	4343090.48	5.36E-02
284	ALL	668370.1	4343090.48	7.27E-02
285	ALL	668591.4	4343090.48	1.13E-01
286	ALL	669476.7	4343090.48	1.08E-01
287	ALL	669698	4343090.48	9.45E-02
288	ALL	669919.3	4343090.48	1.03E-01
289	ALL	670140.6	4343090.48	1.36E-01
290	ALL	670361.9	4343090.48	1.35E-01
291	ALL	670583.2	4343090.48	1.46E-01
292	ALL	670804.5	4343090.48	2.19E-01
293	ALL	671025.8	4343090.48	8.11E-02
294	ALL	671247.1	4343090.48	7.65E-02
295	ALL	671468.4	4343090.48	5.75E-02
296	ALL	671689.8	4343090.48	4.57E-02
297	ALL	671911.1	4343090.48	3.64E-02
298	ALL	672132.4	4343090.48	3.03E-02
299	ALL	672353.7	4343090.48	2.48E-02
300	ALL	672575	4343090.48	3.27E-02
301	ALL	668148.8	4343255.44	5.09E-02
302	ALL	668370.1	4343255.44	6.96E-02
303	ALL	668591.4	4343255.44	1.47E-01
304	ALL	669476.7	4343255.44	1.00E-01
305	ALL	669698	4343255.44	1.00E-01
306	ALL	669919.3	4343255.44	1.05E-01
307	ALL	670140.6	4343255.44	1.16E-01
308	ALL	670361.9	4343255.44	1.19E-01
309	ALL	670583.2	4343255.44	1.22E-01
310	ALL	670804.5	4343255.44	1.37E-01
311	ALL	671025.8	4343255.44	7.28E-02
312	ALL	671247.1	4343255.44	6.15E-02
313	ALL	671468.4	4343255.44	5.38E-02
314	ALL	671689.8	4343255.44	3.96E-02
315	ALL	671911.1	4343255.44	3.23E-02
316	ALL	672132.4	4343255.44	2.80E-02
317	ALL	672353.7	4343255.44	2.47E-02
318	ALL	672575	4343255.44	2.02E-02
319	ALL	668148.8	4343420.4	4.95E-02
320	ALL	668370.1	4343420.4	6.96E-02
321	ALL	668591.4	4343420.4	1.46E-01
322	ALL	668812.7	4343420.4	3.44E-01
323	ALL	669034	4343420.4	4.42E-01
324	ALL	669255.3	4343420.4	2.09E-01
325	ALL	669476.7	4343420.4	9.66E-02
326	ALL	669698	4343420.4	8.50E-02
327	ALL	669919.3	4343420.4	8.95E-02
328	ALL	670140.6	4343420.4	9.25E-02

Mitigated Chronic Risk

329	ALL	670361.9	4343420.4	9.93E-02
330	ALL	670583.2	4343420.4	1.05E-01
331	ALL	670804.5	4343420.4	1.19E-01
332	ALL	671025.8	4343420.4	1.60E-01
333	ALL	671247.1	4343420.4	8.27E-02
334	ALL	671468.4	4343420.4	4.59E-02
335	ALL	671689.8	4343420.4	3.66E-02
336	ALL	671911.1	4343420.4	2.92E-02
337	ALL	672132.4	4343420.4	2.48E-02
338	ALL	672353.7	4343420.4	2.11E-02
339	ALL	672575	4343420.4	1.86E-02
340	ALL	668148.8	4343585.36	4.72E-02
341	ALL	668370.1	4343585.36	6.13E-02
342	ALL	668591.4	4343585.36	1.12E-01
343	ALL	668812.7	4343585.36	1.80E-01
344	ALL	669034	4343585.36	1.89E-01
345	ALL	669255.3	4343585.36	1.26E-01
346	ALL	669476.7	4343585.36	8.28E-02
347	ALL	669698	4343585.36	7.39E-02
348	ALL	669919.3	4343585.36	7.67E-02
349	ALL	670140.6	4343585.36	8.22E-02
350	ALL	670361.9	4343585.36	8.87E-02
351	ALL	670583.2	4343585.36	9.42E-02
352	ALL	670804.5	4343585.36	1.02E-01
353	ALL	671025.8	4343585.36	1.07E-01
354	ALL	671247.1	4343585.36	8.57E-02
355	ALL	671468.4	4343585.36	5.16E-02
356	ALL	671689.8	4343585.36	3.94E-02
357	ALL	671911.1	4343585.36	2.98E-02
358	ALL	672132.4	4343585.36	2.51E-02
359	ALL	672353.7	4343585.36	2.04E-02
360	ALL	672575	4343585.36	1.84E-02
361	ALL	668148.8	4343750.32	4.75E-02
362	ALL	668370.1	4343750.32	5.92E-02
363	ALL	668591.4	4343750.32	8.86E-02
364	ALL	668812.7	4343750.32	1.25E-01
365	ALL	669034	4343750.32	1.23E-01
366	ALL	669255.3	4343750.32	9.71E-02
367	ALL	669476.7	4343750.32	7.57E-02
368	ALL	669698	4343750.32	6.99E-02
369	ALL	669919.3	4343750.32	7.13E-02
370	ALL	670140.6	4343750.32	7.55E-02
371	ALL	670361.9	4343750.32	8.19E-02
372	ALL	670583.2	4343750.32	8.47E-02
373	ALL	670804.5	4343750.32	8.91E-02
374	ALL	671025.8	4343750.32	9.19E-02
375	ALL	671247.1	4343750.32	1.05E-01

Mitigated Chronic Risk

376	ALL	671468.4	4343750.32	1.06E-01
377	ALL	671689.8	4343750.32	1.09E-01
378	ALL	671911.1	4343750.32	6.53E-02
379	ALL	672132.4	4343750.32	2.94E-02
380	ALL	672353.7	4343750.32	2.19E-02
381	ALL	672575	4343750.32	1.94E-02
382	ALL	668148.8	4343915.28	4.83E-02
383	ALL	668370.1	4343915.28	5.86E-02
384	ALL	668591.4	4343915.28	7.63E-02
385	ALL	668812.7	4343915.28	9.60E-02
386	ALL	669034	4343915.28	9.69E-02
387	ALL	669255.3	4343915.28	8.28E-02
388	ALL	669476.7	4343915.28	7.03E-02
389	ALL	669698	4343915.28	6.59E-02
390	ALL	669919.3	4343915.28	6.68E-02
391	ALL	670140.6	4343915.28	7.09E-02
392	ALL	670361.9	4343915.28	7.35E-02
393	ALL	670583.2	4343915.28	7.85E-02
394	ALL	670804.5	4343915.28	8.09E-02
395	ALL	671025.8	4343915.28	8.22E-02
396	ALL	671247.1	4343915.28	8.27E-02
397	ALL	671468.4	4343915.28	1.00E-01
398	ALL	671689.8	4343915.28	9.96E-02
399	ALL	671911.1	4343915.28	5.51E-02
400	ALL	672132.4	4343915.28	4.59E-02
401	ALL	672353.7	4343915.28	3.26E-02
402	ALL	672575	4343915.28	2.51E-02
403	ALL	668148.8	4344080.24	4.71E-02
404	ALL	668370.1	4344080.24	5.60E-02
405	ALL	668591.4	4344080.24	6.85E-02
406	ALL	668812.7	4344080.24	8.03E-02
407	ALL	669034	4344080.24	8.15E-02
408	ALL	669255.3	4344080.24	7.30E-02
409	ALL	669476.7	4344080.24	6.52E-02
410	ALL	669698	4344080.24	6.23E-02
411	ALL	669919.3	4344080.24	6.32E-02
412	ALL	670140.6	4344080.24	6.76E-02
413	ALL	670361.9	4344080.24	6.74E-02
414	ALL	670583.2	4344080.24	7.19E-02
415	ALL	670804.5	4344080.24	7.43E-02
416	ALL	671025.8	4344080.24	1.11E-01
417	ALL	671247.1	4344080.24	7.56E-02
418	ALL	671468.4	4344080.24	6.57E-02
419	ALL	671689.8	4344080.24	6.65E-02
420	ALL	671911.1	4344080.24	2.88E-02
421	ALL	672132.4	4344080.24	2.37E-02
422	ALL	672353.7	4344080.24	2.26E-02

Mitigated Chronic Risk

423	ALL	672575	4344080.24	1.96E-02
424	ALL	671464.7	4342094.27	2.55E-01
425	ALL	671482.2	4342063.91	2.68E-01
426	ALL	671498.6	4342030.05	2.80E-01
427	ALL	671513.8	4341991.52	3.01E-01
428	ALL	671541.8	4341964.66	2.89E-01
429	ALL	671575.6	4341974	2.31E-01
430	ALL	671460.8	4342162.97	2.14E-01
431	ALL	671451	4342187.35	2.10E-01
432	ALL	671510.7	4342219.66	1.78E-01
433	ALL	671524.1	4342192.84	1.74E-01
434	ALL	671522.9	4342250.74	1.71E-01
435	ALL	671599.1	4342252.57	1.48E-01
436	ALL	671627.8	4342256.84	1.43E-01
437	ALL	671583.9	4342116.03	1.50E-01
438	ALL	671595.5	4342071.54	1.55E-01
439	ALL	671663.1	4342056.3	1.46E-01
440	ALL	671600.9	4342030.09	1.74E-01
441	ALL	671526.6	4342155.65	1.74E-01
442	ALL	671629	4342292.19	1.44E-01
443	ALL	671641.8	4341980.71	1.84E-01
444	ALL	671666.8	4342018.51	1.59E-01
445	ALL	671407.1	4342219.66	2.31E-01
446	ALL	671415.6	4342183.08	2.41E-01
447	ALL	671635.1	4341706.42	6.57E-01
448	ALL	671693.6	4341710.08	5.41E-01
449	ALL	671719.8	4341736.29	4.80E-01
450	ALL	671673.5	4341630.23	6.61E-01
451	ALL	671888	4341936.22	2.00E-01
452	ALL	671977.6	4341952.07	1.30E-01
453	ALL	672039.2	4341894.77	9.73E-02
454	ALL	671858.2	4341753.96	3.40E-01
455	ALL	671922.8	4341634.49	2.85E-01
456	ALL	671613.7	4341791.15	4.43E-01
457	ALL	671853.3	4341730.8	3.49E-01
458	ALL	671783.8	4341585.73	4.35E-01
459	ALL	671783.2	4341546.72	4.26E-01
460	ALL	671769.2	4341461.38	4.04E-01
461	ALL	671800.9	4341420.54	3.86E-01
462	ALL	671880.1	4341427.25	2.96E-01
463	ALL	672012.4	4341504.66	9.79E-02
464	ALL	672084.3	4341547.94	1.05E-01
465	ALL	671915.5	4341478.45	2.47E-01
466	ALL	671903.3	4341564.4	3.00E-01
467	ALL	671863.1	4341522.34	3.51E-01
468	ALL	671830.1	4341336.43	3.72E-01
469	ALL	671835.6	4341287.66	3.62E-01

Mitigated Chronic Risk

470	ALL	671825.9	4341275.47	3.75E-01
471	ALL	672136.7	4341370.56	6.02E-02
472	ALL	671920.3	4341307.17	2.03E-01
473	ALL	671695.4	4341257.19	3.78E-01
474	ALL	671682	4341176.12	2.49E-01
475	ALL	671991.7	4341196.23	1.96E-01
476	ALL	672022.1	4341231.59	1.46E-01
477	ALL	671992.3	4341177.95	1.51E-01
478	ALL	671540.6	4341238.29	1.43E-01
479	ALL	671575.3	4341177.95	1.18E-01
480	ALL	671454.7	4341196.23	1.19E-01
481	ALL	671523.5	4341116.38	9.84E-02
482	ALL	671413.2	4341126.74	9.92E-02
483	ALL	671471.1	4341064.57	8.84E-02
484	ALL	671601.6	4341050.55	1.42E-01
485	ALL	671198.6	4341253.53	7.82E-02
486	ALL	671278.5	4341212.08	9.07E-02
487	ALL	671230.3	4341132.84	7.01E-02
488	ALL	671073.1	4341271.82	6.93E-02
489	ALL	671122.5	4341373.61	9.66E-02
490	ALL	671118.8	4341397.38	1.03E-01
491	ALL	670978.4	4341324.15	7.49E-02
492	ALL	670932.9	4341394.21	8.17E-02
493	ALL	670935.2	4341367.36	7.97E-02
494	ALL	671108	4340976.17	6.05E-02
495	ALL	671286.7	4340978.51	6.60E-02
496	ALL	671675.4	4342488.78	9.00E-02
497	ALL	671091.4	4342277.23	6.48E-01
498	ALL	671051.8	4342332.07	4.89E-01
499	ALL	671051.8	4342369.2	5.30E-01
500	ALL	670953	4342360.76	4.66E-01
501	ALL	670695.7	4342235.89	2.56E-01
502	ALL	670545.5	4342318.58	2.02E-01
503	ALL	670711.7	4342488.16	3.05E-01
504	ALL	670648.3	4342501.73	2.50E-01
505	ALL	670648.3	4342630.87	1.36E-01
506	ALL	670806.3	4342728.41	2.50E-01
507	ALL	670688.2	4342739.41	1.26E-01
508	ALL	670804.9	4342427.55	3.17E-01
509	ALL	670439.5	4342471.51	1.79E-01
510	ALL	670358.4	4342578.67	1.62E-01
511	ALL	670546.6	4342662.47	2.28E-01
512	ALL	670537	4342595.15	2.21E-01
513	ALL	670483.5	4342776.5	2.14E-01
514	ALL	670508.2	4342754.52	2.13E-01
515	ALL	670517.8	4342868.54	2.23E-01
516	ALL	670545.3	4342850.69	2.00E-01

Mitigated Chronic Risk

517	ALL	670582.4	4342878.16	2.22E-01
518	ALL	670304.9	4342688.57	1.50E-01
519	ALL	670039.7	4342661.1	1.16E-01
520	ALL	670156.5	4342673.46	1.31E-01
521	ALL	670236.2	4342648.73	1.42E-01
522	ALL	670071.3	4342738.03	1.22E-01
523	ALL	669990.2	4342753.14	1.14E-01
524	ALL	669928.4	4342742.15	1.08E-01
525	ALL	669815.8	4342673.46	1.02E-01
526	ALL	669743	4342655.6	9.84E-02
527	ALL	669791	4342744.9	1.00E-01
528	ALL	669696.3	4342731.16	9.70E-02
529	ALL	669536.9	4342552.57	7.85E-02
530	ALL	671174.9	4342280.21	7.37E-01
531	ALL	671068.4	4342169.93	9.53E-01
532	ALL	670965.7	4342179.44	5.25E-01
533	ALL	670815.5	4342198.45	3.09E-01
534	ALL	670737.6	4342097.68	2.52E-01
535	ALL	670762.3	4342069.16	2.62E-01
536	ALL	670817.4	4342040.64	2.91E-01
537	ALL	670895.4	4342025.43	3.43E-01
538	ALL	670979	4341915.15	4.29E-01
539	ALL	671115.9	4341863.81	7.02E-01
540	ALL	671199.6	4341770.65	1.17E+00
541	ALL	671222.4	4341377.07	1.41E-01
542	ALL	671714.8	4341392.28	4.72E-01
543	ALL	671366.9	4341998.81	1.14E+00
544	ALL	671226.2	4342236.48	7.67E-01
545	ALL	669098.4	4343411.59	4.29E-01
546	ALL	668908.6	4343364.56	6.34E-01
547	ALL	668851.5	4343359.52	5.92E-01
548	ALL	668831.4	4343371.27	5.02E-01
549	ALL	668733.9	4343302.41	6.62E-01
550	ALL	668686.9	4343199.95	4.64E-01
551	ALL	668671.8	4343089.09	2.00E-01
552	ALL	668806.2	4343001.74	2.04E-01
553	ALL	668918.7	4343025.26	2.31E-01
554	ALL	669024.5	4342942.95	1.83E-01
555	ALL	669288.2	4342916.08	1.39E-01
556	ALL	669333.6	4342922.8	1.29E-01
557	ALL	669365.5	4342978.23	1.61E-01
558	ALL	669337	4343151.23	3.06E-01
559	ALL	669303.4	4343304.09	3.04E-01
560	ALL	669222.7	4343235.22	8.47E-01
561	ALL	669135.4	4343305.77	8.79E-01

Unmitigated Acute Risk

1	ALL	668148.8	4340781.04	3.93E-03
2	ALL	668370.1	4340781.04	3.29E-03
3	ALL	668591.4	4340781.04	3.14E-03
4	ALL	668812.7	4340781.04	3.12E-03
5	ALL	669034	4340781.04	3.24E-03
6	ALL	669255.3	4340781.04	2.01E-03
7	ALL	669476.7	4340781.04	2.30E-03
8	ALL	669698	4340781.04	1.64E-03
9	ALL	669919.3	4340781.04	1.83E-03
10	ALL	670140.6	4340781.04	1.10E-03
11	ALL	670361.9	4340781.04	1.72E-03
12	ALL	670583.2	4340781.04	1.56E-03
13	ALL	670804.5	4340781.04	8.30E-04
14	ALL	671025.8	4340781.04	9.38E-04
15	ALL	671247.1	4340781.04	7.34E-04
16	ALL	671468.4	4340781.04	7.39E-04
17	ALL	671689.8	4340781.04	9.08E-04
18	ALL	671911.1	4340781.04	9.03E-04
19	ALL	672132.4	4340781.04	6.90E-04
20	ALL	672353.7	4340781.04	1.05E-03
21	ALL	672575	4340781.04	1.64E-03
22	ALL	668148.8	4340946	7.61E-03
23	ALL	668370.1	4340946	6.33E-03
24	ALL	668591.4	4340946	5.44E-03
25	ALL	668812.7	4340946	4.60E-03
26	ALL	669034	4340946	3.07E-03
27	ALL	669255.3	4340946	2.23E-03
28	ALL	669476.7	4340946	2.41E-03
29	ALL	669698	4340946	1.79E-03
30	ALL	669919.3	4340946	1.79E-03
31	ALL	670140.6	4340946	1.48E-03
32	ALL	670361.9	4340946	2.00E-03
33	ALL	670583.2	4340946	1.46E-03
34	ALL	670804.5	4340946	1.04E-03
35	ALL	671025.8	4340946	9.04E-04
36	ALL	671247.1	4340946	6.57E-04
37	ALL	671468.4	4340946	7.24E-04
38	ALL	671689.8	4340946	1.03E-03
39	ALL	671911.1	4340946	1.12E-03
40	ALL	672132.4	4340946	7.72E-04
41	ALL	672353.7	4340946	1.60E-03
42	ALL	672575	4340946	2.23E-03
43	ALL	668148.8	4341110.96	9.61E-03
44	ALL	668370.1	4341110.96	8.91E-03
45	ALL	668591.4	4341110.96	5.93E-03
46	ALL	668812.7	4341110.96	3.98E-03
47	ALL	669034	4341110.96	3.78E-03

Unmitigated Acute Risk

48	ALL	669255.3	4341110.96	3.08E-03
49	ALL	669476.7	4341110.96	2.33E-03
50	ALL	669698	4341110.96	1.97E-03
51	ALL	669919.3	4341110.96	1.73E-03
52	ALL	670140.6	4341110.96	1.85E-03
53	ALL	670361.9	4341110.96	1.95E-03
54	ALL	670583.2	4341110.96	1.04E-03
55	ALL	670804.5	4341110.96	1.05E-03
56	ALL	671025.8	4341110.96	6.86E-04
57	ALL	671247.1	4341110.96	7.42E-04
58	ALL	671468.4	4341110.96	7.39E-04
59	ALL	671689.8	4341110.96	1.30E-03
60	ALL	671911.1	4341110.96	1.67E-03
61	ALL	672132.4	4341110.96	1.47E-03
62	ALL	672353.7	4341110.96	1.83E-03
63	ALL	672575	4341110.96	2.21E-03
64	ALL	668148.8	4341275.92	1.01E-02
65	ALL	668370.1	4341275.92	7.09E-03
66	ALL	668591.4	4341275.92	5.12E-03
67	ALL	668812.7	4341275.92	2.70E-03
68	ALL	669034	4341275.92	2.15E-03
69	ALL	669255.3	4341275.92	2.33E-03
70	ALL	669476.7	4341275.92	2.25E-03
71	ALL	669698	4341275.92	2.33E-03
72	ALL	669919.3	4341275.92	1.49E-03
73	ALL	670140.6	4341275.92	1.99E-03
74	ALL	670361.9	4341275.92	1.52E-03
75	ALL	670583.2	4341275.92	1.15E-03
76	ALL	670804.5	4341275.92	9.31E-04
77	ALL	671025.8	4341275.92	7.25E-04
78	ALL	671247.1	4341275.92	8.27E-04
79	ALL	671468.4	4341275.92	1.21E-03
80	ALL	671689.8	4341275.92	2.35E-03
81	ALL	671911.1	4341275.92	2.81E-03
82	ALL	672132.4	4341275.92	2.00E-03
83	ALL	672353.7	4341275.92	1.50E-03
84	ALL	672575	4341275.92	1.61E-03
85	ALL	668148.8	4341440.88	1.08E-02
86	ALL	668370.1	4341440.88	6.67E-03
87	ALL	668591.4	4341440.88	4.51E-03
88	ALL	668812.7	4341440.88	2.23E-03
89	ALL	669034	4341440.88	2.28E-03
90	ALL	669255.3	4341440.88	2.68E-03
91	ALL	669476.7	4341440.88	2.25E-03
92	ALL	669698	4341440.88	2.29E-03
93	ALL	669919.3	4341440.88	1.84E-03
94	ALL	670140.6	4341440.88	2.00E-03

Unmitigated Acute Risk

95	ALL	670361.9	4341440.88	1.26E-03
96	ALL	670583.2	4341440.88	1.17E-03
97	ALL	670804.5	4341440.88	8.64E-04
98	ALL	671025.8	4341440.88	8.24E-04
99	ALL	671689.8	4341440.88	2.78E-03
100	ALL	671911.1	4341440.88	3.22E-03
101	ALL	672132.4	4341440.88	1.69E-03
102	ALL	672353.7	4341440.88	1.12E-03
103	ALL	672575	4341440.88	1.10E-03
104	ALL	668148.8	4341605.84	5.36E-03
105	ALL	668370.1	4341605.84	3.79E-03
106	ALL	668591.4	4341605.84	2.99E-03
107	ALL	668812.7	4341605.84	2.52E-03
108	ALL	669034	4341605.84	2.79E-03
109	ALL	669255.3	4341605.84	2.75E-03
110	ALL	669476.7	4341605.84	2.37E-03
111	ALL	669698	4341605.84	2.16E-03
112	ALL	669919.3	4341605.84	2.16E-03
113	ALL	670140.6	4341605.84	1.82E-03
114	ALL	670361.9	4341605.84	1.44E-03
115	ALL	670583.2	4341605.84	1.01E-03
116	ALL	670804.5	4341605.84	1.09E-03
117	ALL	671025.8	4341605.84	1.02E-03
118	ALL	671689.8	4341605.84	3.40E-03
119	ALL	671911.1	4341605.84	2.63E-03
120	ALL	672132.4	4341605.84	1.40E-03
121	ALL	672353.7	4341605.84	1.47E-03
122	ALL	672575	4341605.84	1.35E-03
123	ALL	668148.8	4341770.8	1.01E-02
124	ALL	668370.1	4341770.8	3.52E-03
125	ALL	668591.4	4341770.8	4.39E-03
126	ALL	668812.7	4341770.8	3.71E-03
127	ALL	669034	4341770.8	2.90E-03
128	ALL	669255.3	4341770.8	2.47E-03
129	ALL	669476.7	4341770.8	2.38E-03
130	ALL	669698	4341770.8	1.93E-03
131	ALL	669919.3	4341770.8	2.30E-03
132	ALL	670140.6	4341770.8	1.60E-03
133	ALL	670361.9	4341770.8	1.28E-03
134	ALL	670583.2	4341770.8	1.11E-03
135	ALL	670804.5	4341770.8	1.67E-03
136	ALL	671025.8	4341770.8	3.25E-03
137	ALL	671689.8	4341770.8	2.91E-03
138	ALL	671911.1	4341770.8	2.12E-03
139	ALL	672132.4	4341770.8	1.54E-03
140	ALL	672353.7	4341770.8	1.31E-03
141	ALL	672575	4341770.8	1.28E-03

Unmitigated Acute Risk

142	ALL	668148.8	4341935.76	1.39E-02
143	ALL	668370.1	4341935.76	1.17E-02
144	ALL	668591.4	4341935.76	4.93E-03
145	ALL	668812.7	4341935.76	3.06E-03
146	ALL	669034	4341935.76	2.68E-03
147	ALL	669255.3	4341935.76	2.67E-03
148	ALL	669476.7	4341935.76	2.40E-03
149	ALL	669698	4341935.76	2.17E-03
150	ALL	669919.3	4341935.76	1.94E-03
151	ALL	670140.6	4341935.76	1.66E-03
152	ALL	670361.9	4341935.76	1.05E-03
153	ALL	670583.2	4341935.76	1.61E-03
154	ALL	670804.5	4341935.76	3.34E-03
155	ALL	671468.4	4341935.76	2.99E-03
156	ALL	671689.8	4341935.76	2.31E-03
157	ALL	671911.1	4341935.76	2.15E-03
158	ALL	672132.4	4341935.76	1.37E-03
159	ALL	672353.7	4341935.76	1.15E-03
160	ALL	672575	4341935.76	1.43E-03
161	ALL	668148.8	4342100.72	1.60E-02
162	ALL	668370.1	4342100.72	6.55E-03
163	ALL	668591.4	4342100.72	3.76E-03
164	ALL	668812.7	4342100.72	3.00E-03
165	ALL	669034	4342100.72	2.76E-03
166	ALL	669255.3	4342100.72	3.04E-03
167	ALL	669476.7	4342100.72	2.55E-03
168	ALL	669698	4342100.72	2.66E-03
169	ALL	669919.3	4342100.72	2.22E-03
170	ALL	670140.6	4342100.72	1.46E-03
171	ALL	670361.9	4342100.72	1.97E-03
172	ALL	670583.2	4342100.72	3.97E-03
173	ALL	671468.4	4342100.72	2.33E-03
174	ALL	671689.8	4342100.72	1.89E-03
175	ALL	671911.1	4342100.72	1.82E-03
176	ALL	672132.4	4342100.72	1.43E-03
177	ALL	672353.7	4342100.72	1.01E-03
178	ALL	672575	4342100.72	1.12E-03
179	ALL	668148.8	4342265.68	1.64E-02
180	ALL	668370.1	4342265.68	6.48E-03
181	ALL	668591.4	4342265.68	1.07E-02
182	ALL	668812.7	4342265.68	7.49E-03
183	ALL	669034	4342265.68	6.44E-03
184	ALL	669255.3	4342265.68	4.03E-03
185	ALL	669476.7	4342265.68	3.29E-03
186	ALL	669698	4342265.68	2.93E-03
187	ALL	669919.3	4342265.68	2.17E-03
188	ALL	670140.6	4342265.68	2.21E-03

Unmitigated Acute Risk

189	ALL	670361.9	4342265.68	4.57E-03
190	ALL	670583.2	4342265.68	4.71E-03
191	ALL	670804.5	4342265.68	3.10E-03
192	ALL	671025.8	4342265.68	4.00E-03
193	ALL	671247.1	4342265.68	3.99E-03
194	ALL	671468.4	4342265.68	2.14E-03
195	ALL	671689.8	4342265.68	1.78E-03
196	ALL	671911.1	4342265.68	1.43E-03
197	ALL	672132.4	4342265.68	1.16E-03
198	ALL	672353.7	4342265.68	8.73E-04
199	ALL	672575	4342265.68	6.81E-04
200	ALL	668148.8	4342430.64	1.86E-02
201	ALL	668370.1	4342430.64	1.96E-02
202	ALL	668591.4	4342430.64	2.16E-02
203	ALL	668812.7	4342430.64	2.25E-02
204	ALL	669034	4342430.64	2.50E-02
205	ALL	669255.3	4342430.64	2.00E-02
206	ALL	669476.7	4342430.64	6.38E-03
207	ALL	669698	4342430.64	3.90E-03
208	ALL	669919.3	4342430.64	3.96E-03
209	ALL	670140.6	4342430.64	6.17E-03
210	ALL	670361.9	4342430.64	5.17E-03
211	ALL	670583.2	4342430.64	3.05E-03
212	ALL	670804.5	4342430.64	3.14E-03
213	ALL	671025.8	4342430.64	3.56E-03
214	ALL	671247.1	4342430.64	2.15E-03
215	ALL	671468.4	4342430.64	1.52E-03
216	ALL	671689.8	4342430.64	1.06E-03
217	ALL	671911.1	4342430.64	9.70E-04
218	ALL	672132.4	4342430.64	1.08E-03
219	ALL	672353.7	4342430.64	9.77E-04
220	ALL	672575	4342430.64	7.93E-04
221	ALL	668148.8	4342595.6	2.15E-02
222	ALL	668370.1	4342595.6	2.34E-02
223	ALL	668591.4	4342595.6	2.50E-02
224	ALL	668812.7	4342595.6	2.72E-02
225	ALL	669034	4342595.6	3.10E-02
226	ALL	669255.3	4342595.6	2.24E-02
227	ALL	669476.7	4342595.6	9.26E-03
228	ALL	669698	4342595.6	6.09E-03
229	ALL	669919.3	4342595.6	8.35E-03
230	ALL	670140.6	4342595.6	5.24E-03
231	ALL	670361.9	4342595.6	3.48E-03
232	ALL	670583.2	4342595.6	2.87E-03
233	ALL	670804.5	4342595.6	2.94E-03
234	ALL	671025.8	4342595.6	2.90E-03
235	ALL	671247.1	4342595.6	1.92E-03

Unmitigated Acute Risk

236	ALL	671468.4	4342595.6	1.25E-03
237	ALL	671689.8	4342595.6	1.10E-03
238	ALL	671911.1	4342595.6	1.00E-03
239	ALL	672132.4	4342595.6	1.01E-03
240	ALL	672353.7	4342595.6	1.03E-03
241	ALL	672575	4342595.6	7.45E-04
242	ALL	668148.8	4342760.56	2.90E-02
243	ALL	668370.1	4342760.56	2.79E-02
244	ALL	668591.4	4342760.56	3.21E-02
245	ALL	668812.7	4342760.56	3.08E-02
246	ALL	669034	4342760.56	1.27E-02
247	ALL	669255.3	4342760.56	8.92E-03
248	ALL	669476.7	4342760.56	1.08E-02
249	ALL	669698	4342760.56	7.13E-03
250	ALL	669919.3	4342760.56	4.78E-03
251	ALL	670140.6	4342760.56	3.42E-03
252	ALL	670361.9	4342760.56	2.87E-03
253	ALL	670583.2	4342760.56	2.18E-03
254	ALL	670804.5	4342760.56	2.63E-03
255	ALL	671025.8	4342760.56	2.27E-03
256	ALL	671247.1	4342760.56	1.47E-03
257	ALL	671468.4	4342760.56	1.14E-03
258	ALL	671689.8	4342760.56	9.38E-04
259	ALL	671911.1	4342760.56	7.85E-04
260	ALL	672132.4	4342760.56	8.06E-04
261	ALL	672353.7	4342760.56	1.01E-03
262	ALL	672575	4342760.56	9.10E-04
263	ALL	668148.8	4342925.52	3.45E-02
264	ALL	668370.1	4342925.52	3.90E-02
265	ALL	668591.4	4342925.52	2.17E-02
266	ALL	668812.7	4342925.52	2.54E-02
267	ALL	669034	4342925.52	1.79E-02
268	ALL	669476.7	4342925.52	1.45E-02
269	ALL	669698	4342925.52	4.91E-03
270	ALL	669919.3	4342925.52	3.49E-03
271	ALL	670140.6	4342925.52	3.07E-03
272	ALL	670361.9	4342925.52	2.65E-03
273	ALL	670583.2	4342925.52	2.38E-03
274	ALL	670804.5	4342925.52	2.47E-03
275	ALL	671025.8	4342925.52	1.48E-03
276	ALL	671247.1	4342925.52	1.34E-03
277	ALL	671468.4	4342925.52	1.12E-03
278	ALL	671689.8	4342925.52	9.95E-04
279	ALL	671911.1	4342925.52	8.85E-04
280	ALL	672132.4	4342925.52	8.08E-04
281	ALL	672353.7	4342925.52	1.14E-03
282	ALL	672575	4342925.52	1.47E-03

Unmitigated Acute Risk

283	ALL	668148.8	4343090.48	3.29E-02
284	ALL	668370.1	4343090.48	4.54E-02
285	ALL	668591.4	4343090.48	3.03E-02
286	ALL	669476.7	4343090.48	1.78E-02
287	ALL	669698	4343090.48	1.00E-02
288	ALL	669919.3	4343090.48	6.44E-03
289	ALL	670140.6	4343090.48	4.80E-03
290	ALL	670361.9	4343090.48	5.31E-03
291	ALL	670583.2	4343090.48	5.71E-03
292	ALL	670804.5	4343090.48	4.17E-03
293	ALL	671025.8	4343090.48	2.64E-03
294	ALL	671247.1	4343090.48	2.51E-03
295	ALL	671468.4	4343090.48	2.17E-03
296	ALL	671689.8	4343090.48	1.98E-03
297	ALL	671911.1	4343090.48	1.83E-03
298	ALL	672132.4	4343090.48	1.73E-03
299	ALL	672353.7	4343090.48	1.59E-03
300	ALL	672575	4343090.48	1.77E-03
301	ALL	668148.8	4343255.44	3.39E-02
302	ALL	668370.1	4343255.44	4.76E-02
303	ALL	668591.4	4343255.44	7.21E-02
304	ALL	669476.7	4343255.44	1.02E-02
305	ALL	669698	4343255.44	8.30E-03
306	ALL	669919.3	4343255.44	6.14E-03
307	ALL	670140.6	4343255.44	5.34E-03
308	ALL	670361.9	4343255.44	5.38E-03
309	ALL	670583.2	4343255.44	5.34E-03
310	ALL	670804.5	4343255.44	3.92E-03
311	ALL	671025.8	4343255.44	2.14E-03
312	ALL	671247.1	4343255.44	1.96E-03
313	ALL	671468.4	4343255.44	1.80E-03
314	ALL	671689.8	4343255.44	1.58E-03
315	ALL	671911.1	4343255.44	1.46E-03
316	ALL	672132.4	4343255.44	1.40E-03
317	ALL	672353.7	4343255.44	1.34E-03
318	ALL	672575	4343255.44	1.23E-03
319	ALL	668148.8	4343420.4	3.58E-02
320	ALL	668370.1	4343420.4	4.29E-02
321	ALL	668591.4	4343420.4	5.60E-02
322	ALL	668812.7	4343420.4	6.34E-02
323	ALL	669034	4343420.4	6.98E-02
324	ALL	669255.3	4343420.4	3.78E-02
325	ALL	669476.7	4343420.4	2.10E-02
326	ALL	669698	4343420.4	7.72E-03
327	ALL	669919.3	4343420.4	6.51E-03
328	ALL	670140.6	4343420.4	7.58E-03
329	ALL	670361.9	4343420.4	4.95E-03

Unmitigated Acute Risk

330	ALL	670583.2	4343420.4	4.69E-03
331	ALL	670804.5	4343420.4	3.34E-03
332	ALL	671025.8	4343420.4	2.54E-03
333	ALL	671247.1	4343420.4	1.94E-03
334	ALL	671468.4	4343420.4	1.42E-03
335	ALL	671689.8	4343420.4	1.18E-03
336	ALL	671911.1	4343420.4	9.50E-04
337	ALL	672132.4	4343420.4	7.78E-04
338	ALL	672353.7	4343420.4	6.34E-04
339	ALL	672575	4343420.4	5.58E-04
340	ALL	668148.8	4343585.36	1.59E-02
341	ALL	668370.1	4343585.36	1.87E-02
342	ALL	668591.4	4343585.36	4.18E-02
343	ALL	668812.7	4343585.36	2.77E-02
344	ALL	669034	4343585.36	1.27E-02
345	ALL	669255.3	4343585.36	1.19E-02
346	ALL	669476.7	4343585.36	1.08E-02
347	ALL	669698	4343585.36	1.10E-02
348	ALL	669919.3	4343585.36	1.27E-02
349	ALL	670140.6	4343585.36	1.18E-02
350	ALL	670361.9	4343585.36	9.23E-03
351	ALL	670583.2	4343585.36	5.72E-03
352	ALL	670804.5	4343585.36	2.56E-03
353	ALL	671025.8	4343585.36	2.12E-03
354	ALL	671247.1	4343585.36	1.57E-03
355	ALL	671468.4	4343585.36	1.41E-03
356	ALL	671689.8	4343585.36	1.38E-03
357	ALL	671911.1	4343585.36	1.24E-03
358	ALL	672132.4	4343585.36	1.17E-03
359	ALL	672353.7	4343585.36	1.05E-03
360	ALL	672575	4343585.36	9.62E-04
361	ALL	668148.8	4343750.32	1.77E-02
362	ALL	668370.1	4343750.32	8.96E-03
363	ALL	668591.4	4343750.32	1.08E-02
364	ALL	668812.7	4343750.32	1.37E-02
365	ALL	669034	4343750.32	6.11E-03
366	ALL	669255.3	4343750.32	5.61E-03
367	ALL	669476.7	4343750.32	8.49E-03
368	ALL	669698	4343750.32	7.32E-03
369	ALL	669919.3	4343750.32	6.74E-03
370	ALL	670140.6	4343750.32	7.35E-03
371	ALL	670361.9	4343750.32	7.42E-03
372	ALL	670583.2	4343750.32	8.03E-03
373	ALL	670804.5	4343750.32	6.40E-03
374	ALL	671025.8	4343750.32	3.83E-03
375	ALL	671247.1	4343750.32	1.44E-03
376	ALL	671468.4	4343750.32	9.69E-04

Unmitigated Acute Risk

377	ALL	671689.8	4343750.32	1.18E-03
378	ALL	671911.1	4343750.32	1.00E-03
379	ALL	672132.4	4343750.32	8.67E-04
380	ALL	672353.7	4343750.32	8.35E-04
381	ALL	672575	4343750.32	8.92E-04
382	ALL	668148.8	4343915.28	2.39E-02
383	ALL	668370.1	4343915.28	8.84E-03
384	ALL	668591.4	4343915.28	6.70E-03
385	ALL	668812.7	4343915.28	6.94E-03
386	ALL	669034	4343915.28	4.89E-03
387	ALL	669255.3	4343915.28	3.94E-03
388	ALL	669476.7	4343915.28	5.06E-03
389	ALL	669698	4343915.28	6.53E-03
390	ALL	669919.3	4343915.28	5.90E-03
391	ALL	670140.6	4343915.28	5.08E-03
392	ALL	670361.9	4343915.28	5.19E-03
393	ALL	670583.2	4343915.28	4.75E-03
394	ALL	670804.5	4343915.28	5.44E-03
395	ALL	671025.8	4343915.28	4.05E-03
396	ALL	671247.1	4343915.28	4.44E-03
397	ALL	671468.4	4343915.28	1.99E-03
398	ALL	671689.8	4343915.28	1.14E-03
399	ALL	671911.1	4343915.28	6.20E-04
400	ALL	672132.4	4343915.28	6.22E-04
401	ALL	672353.7	4343915.28	5.84E-04
402	ALL	672575	4343915.28	5.50E-04
403	ALL	668148.8	4344080.24	1.64E-02
404	ALL	668370.1	4344080.24	1.10E-02
405	ALL	668591.4	4344080.24	5.82E-03
406	ALL	668812.7	4344080.24	4.92E-03
407	ALL	669034	4344080.24	4.06E-03
408	ALL	669255.3	4344080.24	2.87E-03
409	ALL	669476.7	4344080.24	5.83E-03
410	ALL	669698	4344080.24	6.60E-03
411	ALL	669919.3	4344080.24	4.43E-03
412	ALL	670140.6	4344080.24	4.11E-03
413	ALL	670361.9	4344080.24	3.97E-03
414	ALL	670583.2	4344080.24	4.26E-03
415	ALL	670804.5	4344080.24	3.27E-03
416	ALL	671025.8	4344080.24	2.18E-03
417	ALL	671247.1	4344080.24	3.60E-03
418	ALL	671468.4	4344080.24	3.48E-03
419	ALL	671689.8	4344080.24	1.59E-03
420	ALL	671911.1	4344080.24	6.93E-04
421	ALL	672132.4	4344080.24	4.20E-04
422	ALL	672353.7	4344080.24	3.98E-04
423	ALL	672575	4344080.24	4.30E-04

Unmitigated Acute Risk

424	ALL	671464.7	4342094.27	2.37E-03
425	ALL	671482.2	4342063.91	2.42E-03
426	ALL	671498.6	4342030.05	2.41E-03
427	ALL	671513.8	4341991.52	2.44E-03
428	ALL	671541.8	4341964.66	2.36E-03
429	ALL	671575.6	4341974	2.21E-03
430	ALL	671460.8	4342162.97	2.16E-03
431	ALL	671451	4342187.35	2.12E-03
432	ALL	671510.7	4342219.66	1.98E-03
433	ALL	671524.1	4342192.84	1.91E-03
434	ALL	671522.9	4342250.74	2.01E-03
435	ALL	671599.1	4342252.57	1.88E-03
436	ALL	671627.8	4342256.84	1.85E-03
437	ALL	671583.9	4342116.03	1.85E-03
438	ALL	671595.5	4342071.54	1.91E-03
439	ALL	671663.1	4342056.3	1.96E-03
440	ALL	671600.9	4342030.09	2.03E-03
441	ALL	671526.6	4342155.65	1.93E-03
442	ALL	671629	4342292.19	1.82E-03
443	ALL	671641.8	4341980.71	2.13E-03
444	ALL	671666.8	4342018.51	2.07E-03
445	ALL	671407.1	4342219.66	2.24E-03
446	ALL	671415.6	4342183.08	2.34E-03
447	ALL	671635.1	4341706.42	4.29E-03
448	ALL	671693.6	4341710.08	3.35E-03
449	ALL	671719.8	4341736.29	2.92E-03
450	ALL	671673.5	4341630.23	3.66E-03
451	ALL	671888	4341936.22	2.21E-03
452	ALL	671977.6	4341952.07	1.91E-03
453	ALL	672039.2	4341894.77	1.74E-03
454	ALL	671858.2	4341753.96	1.90E-03
455	ALL	671922.8	4341634.49	2.39E-03
456	ALL	671613.7	4341791.15	3.35E-03
457	ALL	671853.3	4341730.8	1.96E-03
458	ALL	671783.8	4341585.73	2.99E-03
459	ALL	671783.2	4341546.72	3.09E-03
460	ALL	671769.2	4341461.38	3.04E-03
461	ALL	671800.9	4341420.54	2.97E-03
462	ALL	671880.1	4341427.25	3.41E-03
463	ALL	672012.4	4341504.66	2.04E-03
464	ALL	672084.3	4341547.94	1.67E-03
465	ALL	671915.5	4341478.45	3.14E-03
466	ALL	671903.3	4341564.4	2.91E-03
467	ALL	671863.1	4341522.34	3.33E-03
468	ALL	671830.1	4341336.43	2.90E-03
469	ALL	671835.6	4341287.66	2.74E-03
470	ALL	671825.9	4341275.47	2.65E-03

Unmitigated Acute Risk

471	ALL	672136.7	4341370.56	1.83E-03
472	ALL	671920.3	4341307.17	2.87E-03
473	ALL	671695.4	4341257.19	2.19E-03
474	ALL	671682	4341176.12	1.40E-03
475	ALL	671991.7	4341196.23	2.42E-03
476	ALL	672022.1	4341231.59	2.51E-03
477	ALL	671992.3	4341177.95	2.16E-03
478	ALL	671540.6	4341238.29	9.16E-04
479	ALL	671575.3	4341177.95	8.43E-04
480	ALL	671454.7	4341196.23	8.42E-04
481	ALL	671523.5	4341116.38	7.69E-04
482	ALL	671413.2	4341126.74	7.80E-04
483	ALL	671471.1	4341064.57	7.38E-04
484	ALL	671601.6	4341050.55	9.66E-04
485	ALL	671198.6	4341253.53	7.66E-04
486	ALL	671278.5	4341212.08	8.02E-04
487	ALL	671230.3	4341132.84	7.30E-04
488	ALL	671073.1	4341271.82	7.30E-04
489	ALL	671122.5	4341373.61	8.15E-04
490	ALL	671118.8	4341397.38	8.27E-04
491	ALL	670978.4	4341324.15	7.54E-04
492	ALL	670932.9	4341394.21	8.17E-04
493	ALL	670935.2	4341367.36	7.95E-04
494	ALL	671108	4340976.17	7.25E-04
495	ALL	671286.7	4340978.51	6.75E-04
496	ALL	671675.4	4342488.78	1.01E-03
497	ALL	671091.4	4342277.23	4.48E-03
498	ALL	671051.8	4342332.07	3.92E-03
499	ALL	671051.8	4342369.2	3.95E-03
500	ALL	670953	4342360.76	3.70E-03
501	ALL	670695.7	4342235.89	4.02E-03
502	ALL	670545.5	4342318.58	4.47E-03
503	ALL	670711.7	4342488.16	3.23E-03
504	ALL	670648.3	4342501.73	3.12E-03
505	ALL	670648.3	4342630.87	2.31E-03
506	ALL	670806.3	4342728.41	2.45E-03
507	ALL	670688.2	4342739.41	1.90E-03
508	ALL	670804.9	4342427.55	3.14E-03
509	ALL	670439.5	4342471.51	3.36E-03
510	ALL	670358.4	4342578.67	3.54E-03
511	ALL	670546.6	4342662.47	2.88E-03
512	ALL	670537	4342595.15	3.05E-03
513	ALL	670483.5	4342776.5	2.38E-03
514	ALL	670508.2	4342754.52	2.33E-03
515	ALL	670517.8	4342868.54	2.58E-03
516	ALL	670545.3	4342850.69	2.49E-03
517	ALL	670582.4	4342878.16	2.51E-03

Unmitigated Acute Risk

518	ALL	670304.9	4342688.57	3.21E-03
519	ALL	670039.7	4342661.1	5.55E-03
520	ALL	670156.5	4342673.46	3.96E-03
521	ALL	670236.2	4342648.73	3.69E-03
522	ALL	670071.3	4342738.03	3.92E-03
523	ALL	669990.2	4342753.14	4.37E-03
524	ALL	669928.4	4342742.15	5.11E-03
525	ALL	669815.8	4342673.46	7.79E-03
526	ALL	669743	4342655.6	7.30E-03
527	ALL	669791	4342744.9	6.67E-03
528	ALL	669696.3	4342731.16	7.30E-03
529	ALL	669536.9	4342552.57	7.95E-03
530	ALL	671174.9	4342280.21	4.47E-03
531	ALL	671068.4	4342169.93	3.93E-03
532	ALL	670965.7	4342179.44	3.13E-03
533	ALL	670815.5	4342198.45	3.85E-03
534	ALL	670737.6	4342097.68	4.52E-03
535	ALL	670762.3	4342069.16	4.43E-03
536	ALL	670817.4	4342040.64	4.37E-03
537	ALL	670895.4	4342025.43	4.39E-03
538	ALL	670979	4341915.15	4.07E-03
539	ALL	671115.9	4341863.81	4.34E-03
540	ALL	671199.6	4341770.65	4.38E-03
541	ALL	671222.4	4341377.07	1.00E-03
542	ALL	671714.8	4341392.28	2.67E-03
543	ALL	671366.9	4341998.81	5.38E-03
544	ALL	671226.2	4342236.48	4.41E-03
545	ALL	669098.4	4343411.59	7.13E-02
546	ALL	668908.6	4343364.56	8.74E-02
547	ALL	668851.5	4343359.52	8.64E-02
548	ALL	668831.4	4343371.27	7.94E-02
549	ALL	668733.9	4343302.41	1.17E-01
550	ALL	668686.9	4343199.95	7.80E-02
551	ALL	668671.8	4343089.09	5.30E-02
552	ALL	668806.2	4343001.74	4.53E-02
553	ALL	668918.7	4343025.26	2.62E-02
554	ALL	669024.5	4342942.95	2.14E-02
555	ALL	669288.2	4342916.08	1.92E-02
556	ALL	669333.6	4342922.8	2.10E-02
557	ALL	669365.5	4342978.23	2.22E-02
558	ALL	669337	4343151.23	2.75E-02
559	ALL	669303.4	4343304.09	2.36E-02
560	ALL	669222.7	4343235.22	3.28E-02
561	ALL	669135.4	4343305.77	7.38E-02

Mitigated Acute Risk

REC	GRP	X	Y	MAXHI
1	ALL	668148.8	4340781.04	3.93E-03
2	ALL	668370.1	4340781.04	3.29E-03
3	ALL	668591.4	4340781.04	3.14E-03
4	ALL	668812.7	4340781.04	3.12E-03
5	ALL	669034	4340781.04	3.24E-03
6	ALL	669255.3	4340781.04	2.01E-03
7	ALL	669476.7	4340781.04	2.30E-03
8	ALL	669698	4340781.04	1.64E-03
9	ALL	669919.3	4340781.04	1.83E-03
10	ALL	670140.6	4340781.04	1.10E-03
11	ALL	670361.9	4340781.04	1.72E-03
12	ALL	670583.2	4340781.04	1.56E-03
13	ALL	670804.5	4340781.04	8.30E-04
14	ALL	671025.8	4340781.04	9.38E-04
15	ALL	671247.1	4340781.04	7.34E-04
16	ALL	671468.4	4340781.04	7.39E-04
17	ALL	671689.8	4340781.04	9.08E-04
18	ALL	671911.1	4340781.04	9.03E-04
19	ALL	672132.4	4340781.04	6.90E-04
20	ALL	672353.7	4340781.04	1.05E-03
21	ALL	672575	4340781.04	1.64E-03
22	ALL	668148.8	4340946	7.61E-03
23	ALL	668370.1	4340946	6.33E-03
24	ALL	668591.4	4340946	5.44E-03
25	ALL	668812.7	4340946	4.60E-03
26	ALL	669034	4340946	3.07E-03
27	ALL	669255.3	4340946	2.23E-03
28	ALL	669476.7	4340946	2.41E-03
29	ALL	669698	4340946	1.79E-03
30	ALL	669919.3	4340946	1.79E-03
31	ALL	670140.6	4340946	1.48E-03
32	ALL	670361.9	4340946	2.00E-03
33	ALL	670583.2	4340946	1.46E-03
34	ALL	670804.5	4340946	1.04E-03
35	ALL	671025.8	4340946	9.04E-04
36	ALL	671247.1	4340946	6.57E-04
37	ALL	671468.4	4340946	7.24E-04
38	ALL	671689.8	4340946	1.03E-03
39	ALL	671911.1	4340946	1.12E-03
40	ALL	672132.4	4340946	7.72E-04
41	ALL	672353.7	4340946	1.60E-03
42	ALL	672575	4340946	2.23E-03
43	ALL	668148.8	4341110.96	9.61E-03
44	ALL	668370.1	4341110.96	8.91E-03
45	ALL	668591.4	4341110.96	5.93E-03
46	ALL	668812.7	4341110.96	3.98E-03

Mitigated Acute Risk

47	ALL	669034	4341110.96	3.78E-03
48	ALL	669255.3	4341110.96	3.08E-03
49	ALL	669476.7	4341110.96	2.33E-03
50	ALL	669698	4341110.96	1.97E-03
51	ALL	669919.3	4341110.96	1.73E-03
52	ALL	670140.6	4341110.96	1.85E-03
53	ALL	670361.9	4341110.96	1.95E-03
54	ALL	670583.2	4341110.96	1.04E-03
55	ALL	670804.5	4341110.96	1.05E-03
56	ALL	671025.8	4341110.96	6.86E-04
57	ALL	671247.1	4341110.96	7.42E-04
58	ALL	671468.4	4341110.96	7.39E-04
59	ALL	671689.8	4341110.96	1.30E-03
60	ALL	671911.1	4341110.96	1.67E-03
61	ALL	672132.4	4341110.96	1.47E-03
62	ALL	672353.7	4341110.96	1.83E-03
63	ALL	672575	4341110.96	2.21E-03
64	ALL	668148.8	4341275.92	1.01E-02
65	ALL	668370.1	4341275.92	7.09E-03
66	ALL	668591.4	4341275.92	5.12E-03
67	ALL	668812.7	4341275.92	2.70E-03
68	ALL	669034	4341275.92	2.15E-03
69	ALL	669255.3	4341275.92	2.33E-03
70	ALL	669476.7	4341275.92	2.25E-03
71	ALL	669698	4341275.92	2.33E-03
72	ALL	669919.3	4341275.92	1.49E-03
73	ALL	670140.6	4341275.92	1.99E-03
74	ALL	670361.9	4341275.92	1.52E-03
75	ALL	670583.2	4341275.92	1.15E-03
76	ALL	670804.5	4341275.92	9.31E-04
77	ALL	671025.8	4341275.92	7.25E-04
78	ALL	671247.1	4341275.92	8.27E-04
79	ALL	671468.4	4341275.92	1.21E-03
80	ALL	671689.8	4341275.92	2.35E-03
81	ALL	671911.1	4341275.92	2.81E-03
82	ALL	672132.4	4341275.92	2.00E-03
83	ALL	672353.7	4341275.92	1.50E-03
84	ALL	672575	4341275.92	1.61E-03
85	ALL	668148.8	4341440.88	1.08E-02
86	ALL	668370.1	4341440.88	6.67E-03
87	ALL	668591.4	4341440.88	4.51E-03
88	ALL	668812.7	4341440.88	2.23E-03
89	ALL	669034	4341440.88	2.28E-03
90	ALL	669255.3	4341440.88	2.68E-03
91	ALL	669476.7	4341440.88	2.25E-03
92	ALL	669698	4341440.88	2.29E-03
93	ALL	669919.3	4341440.88	1.84E-03

Mitigated Acute Risk

94	ALL	670140.6	4341440.88	2.00E-03
95	ALL	670361.9	4341440.88	1.26E-03
96	ALL	670583.2	4341440.88	1.17E-03
97	ALL	670804.5	4341440.88	8.64E-04
98	ALL	671025.8	4341440.88	8.24E-04
99	ALL	671689.8	4341440.88	2.78E-03
100	ALL	671911.1	4341440.88	3.22E-03
101	ALL	672132.4	4341440.88	1.69E-03
102	ALL	672353.7	4341440.88	1.12E-03
103	ALL	672575	4341440.88	1.10E-03
104	ALL	668148.8	4341605.84	5.36E-03
105	ALL	668370.1	4341605.84	3.79E-03
106	ALL	668591.4	4341605.84	2.99E-03
107	ALL	668812.7	4341605.84	2.52E-03
108	ALL	669034	4341605.84	2.79E-03
109	ALL	669255.3	4341605.84	2.75E-03
110	ALL	669476.7	4341605.84	2.37E-03
111	ALL	669698	4341605.84	2.16E-03
112	ALL	669919.3	4341605.84	2.16E-03
113	ALL	670140.6	4341605.84	1.82E-03
114	ALL	670361.9	4341605.84	1.44E-03
115	ALL	670583.2	4341605.84	1.01E-03
116	ALL	670804.5	4341605.84	1.09E-03
117	ALL	671025.8	4341605.84	1.02E-03
118	ALL	671689.8	4341605.84	3.40E-03
119	ALL	671911.1	4341605.84	2.63E-03
120	ALL	672132.4	4341605.84	1.40E-03
121	ALL	672353.7	4341605.84	1.47E-03
122	ALL	672575	4341605.84	1.35E-03
123	ALL	668148.8	4341770.8	1.01E-02
124	ALL	668370.1	4341770.8	3.52E-03
125	ALL	668591.4	4341770.8	4.39E-03
126	ALL	668812.7	4341770.8	3.71E-03
127	ALL	669034	4341770.8	2.90E-03
128	ALL	669255.3	4341770.8	2.47E-03
129	ALL	669476.7	4341770.8	2.38E-03
130	ALL	669698	4341770.8	1.93E-03
131	ALL	669919.3	4341770.8	2.30E-03
132	ALL	670140.6	4341770.8	1.60E-03
133	ALL	670361.9	4341770.8	1.28E-03
134	ALL	670583.2	4341770.8	1.11E-03
135	ALL	670804.5	4341770.8	1.67E-03
136	ALL	671025.8	4341770.8	3.25E-03
137	ALL	671689.8	4341770.8	2.91E-03
138	ALL	671911.1	4341770.8	2.12E-03
139	ALL	672132.4	4341770.8	1.54E-03
140	ALL	672353.7	4341770.8	1.31E-03

Mitigated Acute Risk

141	ALL	672575	4341770.8	1.28E-03
142	ALL	668148.8	4341935.76	1.39E-02
143	ALL	668370.1	4341935.76	1.17E-02
144	ALL	668591.4	4341935.76	4.93E-03
145	ALL	668812.7	4341935.76	3.06E-03
146	ALL	669034	4341935.76	2.68E-03
147	ALL	669255.3	4341935.76	2.67E-03
148	ALL	669476.7	4341935.76	2.40E-03
149	ALL	669698	4341935.76	2.17E-03
150	ALL	669919.3	4341935.76	1.94E-03
151	ALL	670140.6	4341935.76	1.66E-03
152	ALL	670361.9	4341935.76	1.05E-03
153	ALL	670583.2	4341935.76	1.61E-03
154	ALL	670804.5	4341935.76	3.34E-03
155	ALL	671468.4	4341935.76	2.99E-03
156	ALL	671689.8	4341935.76	2.31E-03
157	ALL	671911.1	4341935.76	2.15E-03
158	ALL	672132.4	4341935.76	1.37E-03
159	ALL	672353.7	4341935.76	1.15E-03
160	ALL	672575	4341935.76	1.43E-03
161	ALL	668148.8	4342100.72	1.60E-02
162	ALL	668370.1	4342100.72	6.55E-03
163	ALL	668591.4	4342100.72	3.76E-03
164	ALL	668812.7	4342100.72	3.00E-03
165	ALL	669034	4342100.72	2.76E-03
166	ALL	669255.3	4342100.72	3.04E-03
167	ALL	669476.7	4342100.72	2.55E-03
168	ALL	669698	4342100.72	2.66E-03
169	ALL	669919.3	4342100.72	2.22E-03
170	ALL	670140.6	4342100.72	1.46E-03
171	ALL	670361.9	4342100.72	1.97E-03
172	ALL	670583.2	4342100.72	3.97E-03
173	ALL	671468.4	4342100.72	2.33E-03
174	ALL	671689.8	4342100.72	1.89E-03
175	ALL	671911.1	4342100.72	1.82E-03
176	ALL	672132.4	4342100.72	1.43E-03
177	ALL	672353.7	4342100.72	1.01E-03
178	ALL	672575	4342100.72	1.12E-03
179	ALL	668148.8	4342265.68	1.64E-02
180	ALL	668370.1	4342265.68	6.48E-03
181	ALL	668591.4	4342265.68	1.07E-02
182	ALL	668812.7	4342265.68	7.49E-03
183	ALL	669034	4342265.68	6.44E-03
184	ALL	669255.3	4342265.68	4.03E-03
185	ALL	669476.7	4342265.68	3.29E-03
186	ALL	669698	4342265.68	2.93E-03
187	ALL	669919.3	4342265.68	2.17E-03

Mitigated Acute Risk

188	ALL	670140.6	4342265.68	2.21E-03
189	ALL	670361.9	4342265.68	4.57E-03
190	ALL	670583.2	4342265.68	4.71E-03
191	ALL	670804.5	4342265.68	3.10E-03
192	ALL	671025.8	4342265.68	4.00E-03
193	ALL	671247.1	4342265.68	3.99E-03
194	ALL	671468.4	4342265.68	2.14E-03
195	ALL	671689.8	4342265.68	1.78E-03
196	ALL	671911.1	4342265.68	1.43E-03
197	ALL	672132.4	4342265.68	1.16E-03
198	ALL	672353.7	4342265.68	8.73E-04
199	ALL	672575	4342265.68	6.81E-04
200	ALL	668148.8	4342430.64	1.86E-02
201	ALL	668370.1	4342430.64	1.96E-02
202	ALL	668591.4	4342430.64	2.16E-02
203	ALL	668812.7	4342430.64	2.25E-02
204	ALL	669034	4342430.64	2.50E-02
205	ALL	669255.3	4342430.64	2.00E-02
206	ALL	669476.7	4342430.64	6.38E-03
207	ALL	669698	4342430.64	3.90E-03
208	ALL	669919.3	4342430.64	3.96E-03
209	ALL	670140.6	4342430.64	6.17E-03
210	ALL	670361.9	4342430.64	5.17E-03
211	ALL	670583.2	4342430.64	3.05E-03
212	ALL	670804.5	4342430.64	3.14E-03
213	ALL	671025.8	4342430.64	3.56E-03
214	ALL	671247.1	4342430.64	2.15E-03
215	ALL	671468.4	4342430.64	1.52E-03
216	ALL	671689.8	4342430.64	1.06E-03
217	ALL	671911.1	4342430.64	9.70E-04
218	ALL	672132.4	4342430.64	1.08E-03
219	ALL	672353.7	4342430.64	9.77E-04
220	ALL	672575	4342430.64	7.93E-04
221	ALL	668148.8	4342595.6	2.15E-02
222	ALL	668370.1	4342595.6	2.34E-02
223	ALL	668591.4	4342595.6	2.50E-02
224	ALL	668812.7	4342595.6	2.72E-02
225	ALL	669034	4342595.6	3.10E-02
226	ALL	669255.3	4342595.6	2.24E-02
227	ALL	669476.7	4342595.6	9.26E-03
228	ALL	669698	4342595.6	6.09E-03
229	ALL	669919.3	4342595.6	8.35E-03
230	ALL	670140.6	4342595.6	5.24E-03
231	ALL	670361.9	4342595.6	3.48E-03
232	ALL	670583.2	4342595.6	2.87E-03
233	ALL	670804.5	4342595.6	2.94E-03
234	ALL	671025.8	4342595.6	2.90E-03

Mitigated Acute Risk

235	ALL	671247.1	4342595.6	1.92E-03
236	ALL	671468.4	4342595.6	1.25E-03
237	ALL	671689.8	4342595.6	1.10E-03
238	ALL	671911.1	4342595.6	1.00E-03
239	ALL	672132.4	4342595.6	1.01E-03
240	ALL	672353.7	4342595.6	1.03E-03
241	ALL	672575	4342595.6	7.45E-04
242	ALL	668148.8	4342760.56	2.90E-02
243	ALL	668370.1	4342760.56	2.79E-02
244	ALL	668591.4	4342760.56	3.21E-02
245	ALL	668812.7	4342760.56	3.08E-02
246	ALL	669034	4342760.56	1.27E-02
247	ALL	669255.3	4342760.56	8.92E-03
248	ALL	669476.7	4342760.56	1.08E-02
249	ALL	669698	4342760.56	7.13E-03
250	ALL	669919.3	4342760.56	4.78E-03
251	ALL	670140.6	4342760.56	3.42E-03
252	ALL	670361.9	4342760.56	2.87E-03
253	ALL	670583.2	4342760.56	2.18E-03
254	ALL	670804.5	4342760.56	2.63E-03
255	ALL	671025.8	4342760.56	2.27E-03
256	ALL	671247.1	4342760.56	1.47E-03
257	ALL	671468.4	4342760.56	1.14E-03
258	ALL	671689.8	4342760.56	9.38E-04
259	ALL	671911.1	4342760.56	7.85E-04
260	ALL	672132.4	4342760.56	8.06E-04
261	ALL	672353.7	4342760.56	1.01E-03
262	ALL	672575	4342760.56	9.10E-04
263	ALL	668148.8	4342925.52	3.45E-02
264	ALL	668370.1	4342925.52	3.90E-02
265	ALL	668591.4	4342925.52	2.17E-02
266	ALL	668812.7	4342925.52	2.54E-02
267	ALL	669034	4342925.52	1.79E-02
268	ALL	669476.7	4342925.52	1.45E-02
269	ALL	669698	4342925.52	4.91E-03
270	ALL	669919.3	4342925.52	3.49E-03
271	ALL	670140.6	4342925.52	3.07E-03
272	ALL	670361.9	4342925.52	2.65E-03
273	ALL	670583.2	4342925.52	2.38E-03
274	ALL	670804.5	4342925.52	2.47E-03
275	ALL	671025.8	4342925.52	1.48E-03
276	ALL	671247.1	4342925.52	1.34E-03
277	ALL	671468.4	4342925.52	1.12E-03
278	ALL	671689.8	4342925.52	9.95E-04
279	ALL	671911.1	4342925.52	8.85E-04
280	ALL	672132.4	4342925.52	8.08E-04
281	ALL	672353.7	4342925.52	1.14E-03

Mitigated Acute Risk

282	ALL	672575	4342925.52	1.47E-03
283	ALL	668148.8	4343090.48	3.29E-02
284	ALL	668370.1	4343090.48	4.54E-02
285	ALL	668591.4	4343090.48	3.03E-02
286	ALL	669476.7	4343090.48	1.78E-02
287	ALL	669698	4343090.48	1.00E-02
288	ALL	669919.3	4343090.48	6.44E-03
289	ALL	670140.6	4343090.48	4.80E-03
290	ALL	670361.9	4343090.48	5.31E-03
291	ALL	670583.2	4343090.48	5.71E-03
292	ALL	670804.5	4343090.48	4.17E-03
293	ALL	671025.8	4343090.48	2.64E-03
294	ALL	671247.1	4343090.48	2.51E-03
295	ALL	671468.4	4343090.48	2.17E-03
296	ALL	671689.8	4343090.48	1.98E-03
297	ALL	671911.1	4343090.48	1.83E-03
298	ALL	672132.4	4343090.48	1.73E-03
299	ALL	672353.7	4343090.48	1.59E-03
300	ALL	672575	4343090.48	1.77E-03
301	ALL	668148.8	4343255.44	3.39E-02
302	ALL	668370.1	4343255.44	4.76E-02
303	ALL	668591.4	4343255.44	7.21E-02
304	ALL	669476.7	4343255.44	1.02E-02
305	ALL	669698	4343255.44	8.30E-03
306	ALL	669919.3	4343255.44	6.14E-03
307	ALL	670140.6	4343255.44	5.34E-03
308	ALL	670361.9	4343255.44	5.38E-03
309	ALL	670583.2	4343255.44	5.34E-03
310	ALL	670804.5	4343255.44	3.92E-03
311	ALL	671025.8	4343255.44	2.14E-03
312	ALL	671247.1	4343255.44	1.96E-03
313	ALL	671468.4	4343255.44	1.80E-03
314	ALL	671689.8	4343255.44	1.58E-03
315	ALL	671911.1	4343255.44	1.46E-03
316	ALL	672132.4	4343255.44	1.40E-03
317	ALL	672353.7	4343255.44	1.34E-03
318	ALL	672575	4343255.44	1.23E-03
319	ALL	668148.8	4343420.4	3.58E-02
320	ALL	668370.1	4343420.4	4.29E-02
321	ALL	668591.4	4343420.4	5.60E-02
322	ALL	668812.7	4343420.4	6.34E-02
323	ALL	669034	4343420.4	6.98E-02
324	ALL	669255.3	4343420.4	3.78E-02
325	ALL	669476.7	4343420.4	2.10E-02
326	ALL	669698	4343420.4	7.72E-03
327	ALL	669919.3	4343420.4	6.51E-03
328	ALL	670140.6	4343420.4	7.58E-03

Mitigated Acute Risk

329	ALL	670361.9	4343420.4	4.95E-03
330	ALL	670583.2	4343420.4	4.69E-03
331	ALL	670804.5	4343420.4	3.34E-03
332	ALL	671025.8	4343420.4	2.54E-03
333	ALL	671247.1	4343420.4	1.94E-03
334	ALL	671468.4	4343420.4	1.42E-03
335	ALL	671689.8	4343420.4	1.18E-03
336	ALL	671911.1	4343420.4	9.50E-04
337	ALL	672132.4	4343420.4	7.78E-04
338	ALL	672353.7	4343420.4	6.34E-04
339	ALL	672575	4343420.4	5.58E-04
340	ALL	668148.8	4343585.36	1.59E-02
341	ALL	668370.1	4343585.36	1.87E-02
342	ALL	668591.4	4343585.36	4.18E-02
343	ALL	668812.7	4343585.36	2.77E-02
344	ALL	669034	4343585.36	1.27E-02
345	ALL	669255.3	4343585.36	1.19E-02
346	ALL	669476.7	4343585.36	1.08E-02
347	ALL	669698	4343585.36	1.10E-02
348	ALL	669919.3	4343585.36	1.27E-02
349	ALL	670140.6	4343585.36	1.18E-02
350	ALL	670361.9	4343585.36	9.23E-03
351	ALL	670583.2	4343585.36	5.72E-03
352	ALL	670804.5	4343585.36	2.56E-03
353	ALL	671025.8	4343585.36	2.12E-03
354	ALL	671247.1	4343585.36	1.57E-03
355	ALL	671468.4	4343585.36	1.41E-03
356	ALL	671689.8	4343585.36	1.38E-03
357	ALL	671911.1	4343585.36	1.24E-03
358	ALL	672132.4	4343585.36	1.17E-03
359	ALL	672353.7	4343585.36	1.05E-03
360	ALL	672575	4343585.36	9.62E-04
361	ALL	668148.8	4343750.32	1.77E-02
362	ALL	668370.1	4343750.32	8.96E-03
363	ALL	668591.4	4343750.32	1.08E-02
364	ALL	668812.7	4343750.32	1.37E-02
365	ALL	669034	4343750.32	6.11E-03
366	ALL	669255.3	4343750.32	5.61E-03
367	ALL	669476.7	4343750.32	8.49E-03
368	ALL	669698	4343750.32	7.32E-03
369	ALL	669919.3	4343750.32	6.74E-03
370	ALL	670140.6	4343750.32	7.35E-03
371	ALL	670361.9	4343750.32	7.42E-03
372	ALL	670583.2	4343750.32	8.03E-03
373	ALL	670804.5	4343750.32	6.40E-03
374	ALL	671025.8	4343750.32	3.83E-03
375	ALL	671247.1	4343750.32	1.44E-03

Mitigated Acute Risk

376	ALL	671468.4	4343750.32	9.69E-04
377	ALL	671689.8	4343750.32	1.18E-03
378	ALL	671911.1	4343750.32	1.00E-03
379	ALL	672132.4	4343750.32	8.67E-04
380	ALL	672353.7	4343750.32	8.35E-04
381	ALL	672575	4343750.32	8.92E-04
382	ALL	668148.8	4343915.28	2.39E-02
383	ALL	668370.1	4343915.28	8.84E-03
384	ALL	668591.4	4343915.28	6.70E-03
385	ALL	668812.7	4343915.28	6.94E-03
386	ALL	669034	4343915.28	4.89E-03
387	ALL	669255.3	4343915.28	3.94E-03
388	ALL	669476.7	4343915.28	5.06E-03
389	ALL	669698	4343915.28	6.53E-03
390	ALL	669919.3	4343915.28	5.90E-03
391	ALL	670140.6	4343915.28	5.08E-03
392	ALL	670361.9	4343915.28	5.19E-03
393	ALL	670583.2	4343915.28	4.75E-03
394	ALL	670804.5	4343915.28	5.44E-03
395	ALL	671025.8	4343915.28	4.05E-03
396	ALL	671247.1	4343915.28	4.44E-03
397	ALL	671468.4	4343915.28	1.99E-03
398	ALL	671689.8	4343915.28	1.14E-03
399	ALL	671911.1	4343915.28	6.20E-04
400	ALL	672132.4	4343915.28	6.22E-04
401	ALL	672353.7	4343915.28	5.84E-04
402	ALL	672575	4343915.28	5.50E-04
403	ALL	668148.8	4344080.24	1.64E-02
404	ALL	668370.1	4344080.24	1.10E-02
405	ALL	668591.4	4344080.24	5.82E-03
406	ALL	668812.7	4344080.24	4.92E-03
407	ALL	669034	4344080.24	4.06E-03
408	ALL	669255.3	4344080.24	2.87E-03
409	ALL	669476.7	4344080.24	5.83E-03
410	ALL	669698	4344080.24	6.60E-03
411	ALL	669919.3	4344080.24	4.43E-03
412	ALL	670140.6	4344080.24	4.11E-03
413	ALL	670361.9	4344080.24	3.97E-03
414	ALL	670583.2	4344080.24	4.26E-03
415	ALL	670804.5	4344080.24	3.27E-03
416	ALL	671025.8	4344080.24	2.18E-03
417	ALL	671247.1	4344080.24	3.60E-03
418	ALL	671468.4	4344080.24	3.48E-03
419	ALL	671689.8	4344080.24	1.59E-03
420	ALL	671911.1	4344080.24	6.93E-04
421	ALL	672132.4	4344080.24	4.20E-04
422	ALL	672353.7	4344080.24	3.98E-04

Mitigated Acute Risk

423	ALL	672575	4344080.24	4.30E-04
424	ALL	671464.7	4342094.27	2.37E-03
425	ALL	671482.2	4342063.91	2.42E-03
426	ALL	671498.6	4342030.05	2.41E-03
427	ALL	671513.8	4341991.52	2.44E-03
428	ALL	671541.8	4341964.66	2.36E-03
429	ALL	671575.6	4341974	2.21E-03
430	ALL	671460.8	4342162.97	2.16E-03
431	ALL	671451	4342187.35	2.12E-03
432	ALL	671510.7	4342219.66	1.98E-03
433	ALL	671524.1	4342192.84	1.91E-03
434	ALL	671522.9	4342250.74	2.01E-03
435	ALL	671599.1	4342252.57	1.88E-03
436	ALL	671627.8	4342256.84	1.85E-03
437	ALL	671583.9	4342116.03	1.85E-03
438	ALL	671595.5	4342071.54	1.91E-03
439	ALL	671663.1	4342056.3	1.96E-03
440	ALL	671600.9	4342030.09	2.03E-03
441	ALL	671526.6	4342155.65	1.93E-03
442	ALL	671629	4342292.19	1.82E-03
443	ALL	671641.8	4341980.71	2.13E-03
444	ALL	671666.8	4342018.51	2.07E-03
445	ALL	671407.1	4342219.66	2.24E-03
446	ALL	671415.6	4342183.08	2.34E-03
447	ALL	671635.1	4341706.42	4.29E-03
448	ALL	671693.6	4341710.08	3.35E-03
449	ALL	671719.8	4341736.29	2.92E-03
450	ALL	671673.5	4341630.23	3.66E-03
451	ALL	671888	4341936.22	2.21E-03
452	ALL	671977.6	4341952.07	1.91E-03
453	ALL	672039.2	4341894.77	1.74E-03
454	ALL	671858.2	4341753.96	1.90E-03
455	ALL	671922.8	4341634.49	2.39E-03
456	ALL	671613.7	4341791.15	3.35E-03
457	ALL	671853.3	4341730.8	1.96E-03
458	ALL	671783.8	4341585.73	2.99E-03
459	ALL	671783.2	4341546.72	3.09E-03
460	ALL	671769.2	4341461.38	3.04E-03
461	ALL	671800.9	4341420.54	2.97E-03
462	ALL	671880.1	4341427.25	3.41E-03
463	ALL	672012.4	4341504.66	2.04E-03
464	ALL	672084.3	4341547.94	1.67E-03
465	ALL	671915.5	4341478.45	3.14E-03
466	ALL	671903.3	4341564.4	2.91E-03
467	ALL	671863.1	4341522.34	3.33E-03
468	ALL	671830.1	4341336.43	2.90E-03
469	ALL	671835.6	4341287.66	2.74E-03

Mitigated Acute Risk

470	ALL	671825.9	4341275.47	2.65E-03
471	ALL	672136.7	4341370.56	1.83E-03
472	ALL	671920.3	4341307.17	2.87E-03
473	ALL	671695.4	4341257.19	2.19E-03
474	ALL	671682	4341176.12	1.40E-03
475	ALL	671991.7	4341196.23	2.42E-03
476	ALL	672022.1	4341231.59	2.51E-03
477	ALL	671992.3	4341177.95	2.16E-03
478	ALL	671540.6	4341238.29	9.16E-04
479	ALL	671575.3	4341177.95	8.43E-04
480	ALL	671454.7	4341196.23	8.42E-04
481	ALL	671523.5	4341116.38	7.69E-04
482	ALL	671413.2	4341126.74	7.80E-04
483	ALL	671471.1	4341064.57	7.38E-04
484	ALL	671601.6	4341050.55	9.66E-04
485	ALL	671198.6	4341253.53	7.66E-04
486	ALL	671278.5	4341212.08	8.02E-04
487	ALL	671230.3	4341132.84	7.30E-04
488	ALL	671073.1	4341271.82	7.30E-04
489	ALL	671122.5	4341373.61	8.15E-04
490	ALL	671118.8	4341397.38	8.27E-04
491	ALL	670978.4	4341324.15	7.54E-04
492	ALL	670932.9	4341394.21	8.17E-04
493	ALL	670935.2	4341367.36	7.95E-04
494	ALL	671108	4340976.17	7.25E-04
495	ALL	671286.7	4340978.51	6.75E-04
496	ALL	671675.4	4342488.78	1.01E-03
497	ALL	671091.4	4342277.23	4.48E-03
498	ALL	671051.8	4342332.07	3.92E-03
499	ALL	671051.8	4342369.2	3.95E-03
500	ALL	670953	4342360.76	3.70E-03
501	ALL	670695.7	4342235.89	4.02E-03
502	ALL	670545.5	4342318.58	4.47E-03
503	ALL	670711.7	4342488.16	3.23E-03
504	ALL	670648.3	4342501.73	3.12E-03
505	ALL	670648.3	4342630.87	2.31E-03
506	ALL	670806.3	4342728.41	2.45E-03
507	ALL	670688.2	4342739.41	1.90E-03
508	ALL	670804.9	4342427.55	3.14E-03
509	ALL	670439.5	4342471.51	3.36E-03
510	ALL	670358.4	4342578.67	3.54E-03
511	ALL	670546.6	4342662.47	2.88E-03
512	ALL	670537	4342595.15	3.05E-03
513	ALL	670483.5	4342776.5	2.38E-03
514	ALL	670508.2	4342754.52	2.33E-03
515	ALL	670517.8	4342868.54	2.58E-03
516	ALL	670545.3	4342850.69	2.49E-03

Mitigated Acute Risk

517	ALL	670582.4	4342878.16	2.51E-03
518	ALL	670304.9	4342688.57	3.21E-03
519	ALL	670039.7	4342661.1	5.55E-03
520	ALL	670156.5	4342673.46	3.96E-03
521	ALL	670236.2	4342648.73	3.69E-03
522	ALL	670071.3	4342738.03	3.92E-03
523	ALL	669990.2	4342753.14	4.37E-03
524	ALL	669928.4	4342742.15	5.11E-03
525	ALL	669815.8	4342673.46	7.79E-03
526	ALL	669743	4342655.6	7.30E-03
527	ALL	669791	4342744.9	6.67E-03
528	ALL	669696.3	4342731.16	7.30E-03
529	ALL	669536.9	4342552.57	7.95E-03
530	ALL	671174.9	4342280.21	4.47E-03
531	ALL	671068.4	4342169.93	3.93E-03
532	ALL	670965.7	4342179.44	3.13E-03
533	ALL	670815.5	4342198.45	3.85E-03
534	ALL	670737.6	4342097.68	4.52E-03
535	ALL	670762.3	4342069.16	4.43E-03
536	ALL	670817.4	4342040.64	4.37E-03
537	ALL	670895.4	4342025.43	4.39E-03
538	ALL	670979	4341915.15	4.07E-03
539	ALL	671115.9	4341863.81	4.34E-03
540	ALL	671199.6	4341770.65	4.38E-03
541	ALL	671222.4	4341377.07	1.00E-03
542	ALL	671714.8	4341392.28	2.67E-03
543	ALL	671366.9	4341998.81	5.38E-03
544	ALL	671226.2	4342236.48	4.41E-03
545	ALL	669098.4	4343411.59	7.13E-02
546	ALL	668908.6	4343364.56	8.74E-02
547	ALL	668851.5	4343359.52	8.64E-02
548	ALL	668831.4	4343371.27	7.94E-02
549	ALL	668733.9	4343302.41	1.17E-01
550	ALL	668686.9	4343199.95	7.80E-02
551	ALL	668671.8	4343089.09	5.30E-02
552	ALL	668806.2	4343001.74	4.53E-02
553	ALL	668918.7	4343025.26	2.62E-02
554	ALL	669024.5	4342942.95	2.14E-02
555	ALL	669288.2	4342916.08	1.92E-02
556	ALL	669333.6	4342922.8	2.10E-02
557	ALL	669365.5	4342978.23	2.22E-02
558	ALL	669337	4343151.23	2.75E-02
559	ALL	669303.4	4343304.09	2.36E-02
560	ALL	669222.7	4343235.22	3.28E-02
561	ALL	669135.4	4343305.77	7.38E-02

REC	GRP	NETID	X	Y	CONC	POLID	POLABBRE	RISK_SUM	SCENARIO	DETAILS	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RIS	WATER_RIS	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISI	PIG_RISK	CHICKEN_F	EGG_RISK	1ST_DRIVEI
497	ALL		671091.4	4342277	0.022871	9901	DieselExhP	4.07E-06	1YrCancerD	*	4.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	0.000104	1332214	Asbestos	3.70E-06	1YrCancerD	*	3.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	2.37E-05	1332214	Asbestos	1.04E-06	6YrCancerD	*	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	7.06E-06	1332214	Asbestos	4.96E-07	5YrCancerD	*	4.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	0.000782	9901	DieselExhP	2.75E-07	5YrCancerD	*	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	5.45E-06	1332214	Asbestos	2.32E-07	18YrCancer	*	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	0.000998	9901	DieselExhP	2.12E-07	18YrCancer	*	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	1.20E-06	7440382	Arsenic	1.26E-07	5YrCancerD	*	2.80E-09	7.38E-08	1.77E-09	0.00E+00	0.00E+00	0.00E+00	4.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	SOIL
497	ALL		671091.4	4342277	0.00051	9901	DieselExhP	1.12E-07	6YrCancerD	*	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	1.94E-06	7440382	Arsenic	9.62E-08	6YrCancerD	*	2.85E-09	4.58E-08	3.15E-09	0.00E+00	0.00E+00	0.00E+00	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	SOIL
497	ALL		671091.4	4342277	1.19E-06	7440382	Arsenic	4.60E-08	18YrCancer	*	1.70E-09	1.72E-08	1.53E-09	0.00E+00	0.00E+00	0.00E+00	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	CROP
497	ALL		671091.4	4342277	2.26E-08	18540299	Cr(VI)	1.00E-08	5YrCancerD	*	3.68E-09	1.96E-10	3.72E-12	0.00E+00	0.00E+00	0.00E+00	6.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	CROP
497	ALL		671091.4	4342277	2.26E-08	18540299	Cr(VI)	5.83E-09	6YrCancerD	*	2.29E-09	4.71E-11	4.08E-12	0.00E+00	0.00E+00	0.00E+00	3.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	CROP
497	ALL		671091.4	4342277	2.26E-08	18540299	Cr(VI)	5.67E-09	18YrCancer	*	2.23E-09	3.07E-11	3.21E-12	0.00E+00	0.00E+00	0.00E+00	3.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	CROP
497	ALL		671091.4	4342277	2.22E-05	7440020	Nickel	4.03E-09	6YrCancerD	*	4.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	7.77E-06	7440020	Nickel	2.26E-09	5YrCancerD	*	2.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	5.97E-05	71432	Benzene	1.91E-09	5YrCancerD	*	1.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	7.75E-06	7440020	Nickel	1.36E-09	18YrCancer	*	1.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	5.97E-05	71432	Benzene	1.19E-09	6YrCancerD	*	1.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	5.97E-05	71432	Benzene	1.15E-09	18YrCancer	*	1.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	3.44E-06	7439921	Lead	6.74E-10	6YrCancerD	*	1.77E-11	4.60E-10	1.58E-11	3.75E-11	0.00E+00	0.00E+00	1.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	SOIL
497	ALL		671091.4	4342277	1.48E-06	7439921	Lead	6.61E-10	5YrCancerD	*	1.21E-11	5.17E-10	6.22E-12	1.61E-11	0.00E+00	0.00E+00	1.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	SOIL
497	ALL		671091.4	4342277	2.04E-07	7440439	Cadmium	6.09E-10	6YrCancerD	*	6.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	7.29E-08	7440439	Cadmium	3.49E-10	5YrCancerD	*	3.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	7.27E-08	7440439	Cadmium	2.11E-10	18YrCancer	*	2.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	1.48E-06	7439921	Lead	2.04E-10	18YrCancer	*	7.35E-12	1.20E-10	5.36E-12	1.61E-11	0.00E+00	0.00E+00	5.49E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	SOIL
497	ALL		671091.4	4342277	7.65E-08	7440417	Beryllium	1.28E-10	6YrCancerD	*	1.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	2.60E-08	7440417	Beryllium	6.98E-11	5YrCancerD	*	6.98E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	2.60E-08	7440417	Beryllium	4.21E-11	18YrCancer	*	4.21E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	1.526461	1175	Silica, Cryst	0.00E+00	1YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	0.035038	1175	Silica, Cryst	0.00E+00	5YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	1.45E-05	7440508	Copper	0.00E+00	5YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	0.000152	7439965	Manganese	0.00E+00	5YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	6.69E-06	7439976	Mercury	0.00E+00	5YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	7.33E-08	7782492	Selenium	0.00E+00	5YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	1.77E-05	7440622	Vanadium	0.00E+00	5YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	0.000117	110543	Hexane	0.00E+00	5YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	3.48E-05	108883	Toluene	0.00E+00	5YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	9.95E-06	540841	2,2,4TriMel	0.00E+00	5YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	0.146829	10102440	NITROGEN	0.00E+00	5YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	0.13781	1175	Silica, Cryst	0.00E+00	6YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	4.14E-05	7440508	Copper	0.00E+00	6YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	0.000435	7439965	Manganese	0.00E+00	6YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	1.81E-05	7439976	Mercury	0.00E+00	6YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	1.67E-07	7782492	Selenium	0.00E+00	6YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	5.08E-05	7440622	Vanadium	0.00E+00	6YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	0.000117	110543	Hexane	0.00E+00	6YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	3.48E-05	108883	Toluene	0.00E+00	6YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	9.95E-06	540841	2,2,4TriMel	0.00E+00	6YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	0.146829	10102440	NITROGEN	0.00E+00	6YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	0.025298	1175	Silica, Cryst	0.00E+00	18YrCancer	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	1.45E-05	7440508	Copper	0.00E+00	18YrCancer	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	0.000151	7439965	Manganese	0.00E+00	18YrCancer	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	6.67E-06	7439976	Mercury	0.00E+00	18YrCancer	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	7.32E-08	7782492	Selenium	0.00E+00	18YrCancer	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	1.76E-05	7440622	Vanadium	0.00E+00	18YrCancer	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	0.146829	10102440	NITROGEN	0.00E+00	18YrCancer	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	0.000117	110543	Hexane	0.00E+00	18YrCancer	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	3.48E-05	108883	Toluene	0.00E+00	18YrCancer	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	9.95E-06	540841	2,2,4TriMel	0.00E+00	18YrCancer	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	

REC	GRP	NETID	X	Y	CONC	POLID	POLABBRE	RISK_SUM	SCENARIO	DETAILS	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RIS	WATER_RIS	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISI	PIG_RISK	CHICKEN_F	EGG_RISK	1ST_DRIVEI
497	ALL		671091.4	4342277	0.000104	1332214	Asbestos	3.70E-06	1YrCancerD	*	3.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	0.006846	9901	DieselExhP	1.22E-06	1YrCancerD	*	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	2.37E-05	1332214	Asbestos	1.04E-06	6YrCancerD	*	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	7.06E-06	1332214	Asbestos	4.96E-07	5YrCancerD	*	4.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	0.000782	9901	DieselExhP	2.75E-07	5YrCancerD	*	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	5.45E-06	1332214	Asbestos	2.32E-07	18YrCancer	*	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	0.000998	9901	DieselExhP	2.12E-07	18YrCancer	*	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	1.20E-06	7440382	Arsenic	1.26E-07	5YrCancerD	*	2.80E-09	7.38E-08	1.77E-09	0.00E+00	0.00E+00	0.00E+00	4.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	SOIL
497	ALL		671091.4	4342277	0.00051	9901	DieselExhP	1.12E-07	6YrCancerD	*	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	1.94E-06	7440382	Arsenic	9.62E-08	6YrCancerD	*	2.85E-09	4.58E-08	3.15E-09	0.00E+00	0.00E+00	0.00E+00	4.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	SOIL
497	ALL		671091.4	4342277	1.19E-06	7440382	Arsenic	4.60E-08	18YrCancer	*	1.70E-09	1.72E-08	1.53E-09	0.00E+00	0.00E+00	0.00E+00	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	CROP
497	ALL		671091.4	4342277	2.26E-08	18540299	Cr(VI)	1.00E-08	5YrCancerD	*	3.68E-09	1.96E-10	3.72E-12	0.00E+00	0.00E+00	0.00E+00	6.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	CROP
497	ALL		671091.4	4342277	2.26E-08	18540299	Cr(VI)	5.83E-09	6YrCancerD	*	2.29E-09	4.71E-11	4.08E-12	0.00E+00	0.00E+00	0.00E+00	3.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	CROP
497	ALL		671091.4	4342277	2.26E-08	18540299	Cr(VI)	5.67E-09	18YrCancer	*	2.23E-09	3.07E-11	3.21E-12	0.00E+00	0.00E+00	0.00E+00	3.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	CROP
497	ALL		671091.4	4342277	2.22E-05	7440020	Nickel	4.03E-09	6YrCancerD	*	4.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	7.77E-06	7440020	Nickel	2.26E-09	5YrCancerD	*	2.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	5.97E-05	71432	Benzene	1.91E-09	5YrCancerD	*	1.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	7.75E-06	7440020	Nickel	1.36E-09	18YrCancer	*	1.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	5.97E-05	71432	Benzene	1.19E-09	6YrCancerD	*	1.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	5.97E-05	71432	Benzene	1.15E-09	18YrCancer	*	1.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	3.44E-06	7439921	Lead	6.74E-10	6YrCancerD	*	1.77E-11	4.60E-10	1.58E-11	3.75E-11	0.00E+00	0.00E+00	1.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	SOIL
497	ALL		671091.4	4342277	1.48E-06	7439921	Lead	6.61E-10	5YrCancerD	*	1.21E-11	5.17E-10	6.22E-12	1.61E-11	0.00E+00	0.00E+00	1.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	SOIL
497	ALL		671091.4	4342277	2.04E-07	7440439	Cadmium	6.09E-10	6YrCancerD	*	6.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	7.29E-08	7440439	Cadmium	3.49E-10	5YrCancerD	*	3.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	7.27E-08	7440439	Cadmium	2.11E-10	18YrCancer	*	2.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	1.48E-06	7439921	Lead	2.04E-10	18YrCancer	*	7.35E-12	1.20E-10	5.36E-12	1.61E-11	0.00E+00	0.00E+00	5.49E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	SOIL
497	ALL		671091.4	4342277	7.65E-08	7440417	Beryllium	1.28E-10	6YrCancerD	*	1.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	2.60E-08	7440417	Beryllium	6.98E-11	5YrCancerD	*	6.98E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	2.60E-08	7440417	Beryllium	4.21E-11	18YrCancer	*	4.21E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIOI
497	ALL		671091.4	4342277	1.526461	1175	Silica, Cryst	0.00E+00	1YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	0.035038	1175	Silica, Cryst	0.00E+00	5YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	1.45E-05	7440508	Copper	0.00E+00	5YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	0.000152	7439965	Manganese	0.00E+00	5YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	6.69E-06	7439976	Mercury	0.00E+00	5YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	7.33E-08	7782492	Selenium	0.00E+00	5YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	1.77E-05	7440622	Vanadium	0.00E+00	5YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	0.000117	110543	Hexane	0.00E+00	5YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	3.48E-05	108883	Toluene	0.00E+00	5YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	9.95E-06	540841	2,2,4TriMel	0.00E+00	5YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	0.146829	10102440	NITROGEN	0.00E+00	5YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	0.13781	1175	Silica, Cryst	0.00E+00	6YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	4.14E-05	7440508	Copper	0.00E+00	6YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	0.000435	7439965	Manganese	0.00E+00	6YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	1.81E-05	7439976	Mercury	0.00E+00	6YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	1.67E-07	7782492	Selenium	0.00E+00	6YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	5.08E-05	7440622	Vanadium	0.00E+00	6YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	0.000117	110543	Hexane	0.00E+00	6YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	3.48E-05	108883	Toluene	0.00E+00	6YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	9.95E-06	540841	2,2,4TriMel	0.00E+00	6YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	0.146829	10102440	NITROGEN	0.00E+00	6YrCancerD	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	0.025298	1175	Silica, Cryst	0.00E+00	18YrCancer	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	1.45E-05	7440508	Copper	0.00E+00	18YrCancer	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	0.000151	7439965	Manganese	0.00E+00	18YrCancer	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	6.67E-06	7439976	Mercury	0.00E+00	18YrCancer	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	7.32E-08	7782492	Selenium	0.00E+00	18YrCancer	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	1.76E-05	7440622	Vanadium	0.00E+00	18YrCancer	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	0.146829	10102440	NITROGEN	0.00E+00	18YrCancer	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	0.000117	110543	Hexane	0.00E+00	18YrCancer	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	3.48E-05	108883	Toluene	0.00E+00	18YrCancer	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
497	ALL		671091.4	4342277	9.95E-06	540841	2,2,4TriMel	0.00E+00	18YrCancer	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	

REC	GRP	NETID	X	Y	CONC	POLID	POLABBRE	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	DETAILS	INH_CONC	SOIL_DOSE	DERMAL_	MMILK_D	WATER_D	FISH_DOSE	CROP_DOS	BEEF_DOS	DAIRY_DO	PIG_DOSE	CHICKEN_	EGG_DOSE	1ST_DRIVE	2ND_DRIVE	3RD_DRIVE	Max HI
497	ALL		671091.4	4342277	1.526461	1175	Silica, Crys	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.53E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			5.09E-01
497	ALL		671091.4	4342277	0.13781	1175	Silica, Crys	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.38E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			4.59E-02
497	ALL		671091.4	4342277	1.94E-06	7440382	Arsenic	NonCancer	3.12E-02	3.12E-02	0.00E+00	0.00E+00	0.00E+00	3.12E-02	3.12E-02	3.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.94E-06	4.38E-08	2.82E-09	0.00E+00	0.00E+00	0.00E+00	6.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	CROP	SOIL	3.12E-02
497	ALL		671091.4	4342277	1.20E-06	7440382	Arsenic	NonCancer	1.93E-02	1.93E-02	0.00E+00	0.00E+00	0.00E+00	1.93E-02	1.93E-02	1.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.20E-06	2.70E-08	1.74E-09	0.00E+00	0.00E+00	0.00E+00	3.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	CROP	SOIL	1.93E-02
497	ALL		671091.4	4342277	1.19E-06	7440382	Arsenic	NonCancer	1.92E-02	1.92E-02	0.00E+00	0.00E+00	0.00E+00	1.92E-02	1.92E-02	1.92E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.19E-06	2.70E-08	1.74E-09	0.00E+00	0.00E+00	0.00E+00	3.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	CROP	SOIL	1.92E-02
497	ALL		671091.4	4342277	0.035038	1175	Silica, Crys	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	3.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.17E-02
497	ALL		671091.4	4342277	0.025298	1175	Silica, Crys	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	2.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			8.43E-03
497	ALL		671091.4	4342277	1.81E-05	7439976	Mercury	NonCancer	0.00E+00	5.25E-03	0.00E+00	5.25E-03	0.00E+00	5.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.81E-05	4.09E-07	1.76E-08	0.00E+00	0.00E+00	0.00E+00	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	CROP	5.25E-03
497	ALL		671091.4	4342277	0.000435	7439965	Manganes	NonCancer	0.00E+00	4.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			4.83E-03
497	ALL		671091.4	4342277	0.022871	9901	DieselExhP	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	2.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			4.57E-03
497	ALL		671091.4	4342277	6.69E-06	7439976	Mercury	NonCancer	0.00E+00	1.94E-03	0.00E+00	1.94E-03	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	6.69E-06	1.51E-07	6.49E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	CROP	1.94E-03
497	ALL		671091.4	4342277	6.67E-06	7439976	Mercury	NonCancer	0.00E+00	1.94E-03	0.00E+00	1.94E-03	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	6.67E-06	1.51E-07	6.48E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	CROP	1.94E-03
497	ALL		671091.4	4342277	0.000152	7439965	Manganes	NonCancer	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.69E-03
497	ALL		671091.4	4342277	0.000151	7439965	Manganes	NonCancer	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.68E-03
497	ALL		671091.4	4342277	2.22E-05	7440020	Nickel	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-05	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	*	2.22E-05	5.03E-07	1.08E-08	0.00E+00	0.00E+00	0.00E+00	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	CROP	1.59E-03
497	ALL		671091.4	4342277	7.77E-06	7440020	Nickel	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-05	5.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04	0.00E+00	0.00E+00	*	7.77E-06	1.76E-07	3.77E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	CROP	5.55E-04
497	ALL		671091.4	4342277	7.75E-06	7440020	Nickel	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-05	5.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04	0.00E+00	0.00E+00	*	7.75E-06	1.75E-07	3.76E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	CROP	5.54E-04
497	ALL		671091.4	4342277	0.000998	9901	DieselExhP	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	9.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			2.00E-04
497	ALL		671091.4	4342277	0.000782	9901	DieselExhP	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	7.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.56E-04
497	ALL		671091.4	4342277	0.00051	9901	DieselExhP	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	5.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.02E-04
497	ALL		671091.4	4342277	2.04E-07	7440439	Cadmium	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.81E-05	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	2.04E-07	4.61E-09	9.89E-12	0.00E+00	0.00E+00	0.00E+00	9.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	CROP	SOIL	3.81E-05
497	ALL		671091.4	4342277	5.97E-05	71432	Benzene	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	*	5.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.99E-05
497	ALL		671091.4	4342277	5.97E-05	71432	Benzene	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	*	5.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.99E-05
497	ALL		671091.4	4342277	5.97E-05	71432	Benzene	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	*	5.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.99E-05
497	ALL		671091.4	4342277	7.29E-08	7440439	Cadmium	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	7.29E-08	1.65E-09	3.54E-12	0.00E+00	0.00E+00	0.00E+00	3.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	CROP	SOIL	1.36E-05
497	ALL		671091.4	4342277	7.27E-08	7440439	Cadmium	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	3.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	7.27E-08	1.64E-09	3.53E-12	0.00E+00	0.00E+00	0.00E+00	3.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	CROP	SOIL	1.36E-05
497	ALL		671091.4	4342277	7.65E-08	7440417	Beryllium	NonCancer	0.00E+00	0.00E+00	1.09E-05	0.00E+00	1.22E-06	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	7.65E-08	1.73E-09	5.57E-11	0.00E+00	0.00E+00	0.00E+00	6.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	CROP	1.09E-05
497	ALL		671091.4	4342277	1.67E-07	7782492	Selenium	NonCancer	4.69E-06	4.69E-06	0.00E+00	0.00E+00	4.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.67E-07	3.78E-09	1.22E-10	0.00E+00	0.00E+00	0.00E+00	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	CROP	SOIL	4.69E-06
497	ALL		671091.4	4342277	2.60E-08	7440417	Beryllium	NonCancer	0.00E+00	0.00E+00	3.72E-06	0.00E+00	4.15E-07	0.00E+00	3.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	2.60E-08	5.88E-10	1.89E-11	0.00E+00	0.00E+00	0.00E+00	2.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	CROP	3.72E-06
497	ALL		671091.4	4342277	2.60E-08	7440417	Beryllium	NonCancer	0.00E+00	0.00E+00	3.71E-06	0.00E+00	4.14E-07	0.00E+00	3.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	2.60E-08	5.86E-10	1.89E-11	0.00E+00	0.00E+00	0.00E+00	2.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	CROP	3.71E-06
497	ALL		671091.4	4342277	7.33E-08	7782492	Selenium	NonCancer	2.05E-06	2.05E-06	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	7.33E-08	1.66E-09	5.33E-11	0.00E+00	0.00E+00	0.00E+00	8.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	CROP	SOIL	2.05E-06
497	ALL		671091.4	4342277	7.32E-08	7782492	Selenium	NonCancer	2.05E-06	2.05E-06	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	7.32E-08	1.65E-09	5.33E-11	0.00E+00	0.00E+00	0.00E+00	8.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	CROP	SOIL	2.05E-06
497	ALL		671091.4	4342277	2.26E-08	18540299	Cr(VI)	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-07	0.00E+00	0.00E+00	*	2.26E-08	5.10E-10	1.10E-11	0.00E+00	0.00E+00	0.00E+00	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	CROP	SOIL	8.05E-07
497	ALL		671091.4	4342277	2.26E-08	18540299	Cr(VI)	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-07	0.00E+00	0.00E+00	*	2.26E-08	5.10E-10	1.10E-11	0.00E+00	0.00E+00	0.00E+00	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	CROP	SOIL	8.05E-07
497	ALL		671091.4	4342277	2.26E-08	18540299	Cr(VI)	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-07	0.00E+00	0.00E+00	*	2.26E-08	5.10E-10	1.10E-11	0.00E+00	0.00E+00	0.00E+00	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	CROP	SOIL	8.05E-07
497	ALL		671091.4	4342277	3.48E-05	108883	Toluene	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	3.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			8.29E-08
497	ALL		671091.4	4342277	3.48E-05	108883	Toluene	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	3.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			8.29E-08
497	ALL		671091.4	4342277	3.48E-05	108883	Toluene	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	3.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			8.29E-08
497	ALL		671091.4	4342277	0.000117	110543	Hexane	NonCancer	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.67E-08
497	ALL		671091.4	4342277	0.000117	110543	Hexane	NonCancer	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.67E-08
497	ALL		671091.4	4342277	0.000117	110543	Hexane	NonCancer	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.67E-08
497	ALL		671091.4	4342277	0.000104	1332214	Asbestos	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	7.06E-06	1332214	Asbestos	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	7.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	1.45E-05	7440508	Copper	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	1.48E-06	7439921	Lead	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.48E-06	3.34E-08	1.08E-09	1.92E-08	0.00E+00	0.00E+00	4.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	MMILK	0.00E+00
497	ALL		671091.4	4342277	1.77E-05	7440622	Vanadium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	9.95E-06	540841	2,2,4TriMe	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	9.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	0.146829	10102440	NITROGEN	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	2.37E-05	1332214	Asbestos	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	2.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	4.14E-05	7440508	Copper	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	4.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	3.44E-06	7439921	Lead	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	3.44E-06	7.77E-08	2.50E-09	4.46E-08	0.00E+00	0.00E+00	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	MMILK	0.00E+00
497	ALL		671091.4	4342277	5.08E-05	7440622	Vanadium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	5.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	9.95E-06	540841	2,2,4TriMe	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	9.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	0.146829	10102440	NITROGEN	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	5.45E-06	1332214	Asbestos	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	5.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	1.45E-05	7440508	Copper	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	1.48E-06	7439921	Lead	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.48E-06	3.34E-08	1.07E-09	1.92E-08	0.00E+00	0.00E+00	4.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	MMILK	0.00E+00
497	ALL		671091.4	4342277	1.76E-05	7440622	Vanadium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	0.146829	10102440	NITROGEN	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	9.95E-06	540841	2,2,4TriMe	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	9.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00

REC	GRP	NETID	X	Y	CONC	POLID	POLABBRE	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	DETAILS	INH_CONC	SOIL_DOSE	DERMAL_	MMILK_D	WATER_D	FISH_DOSE	CROP_DOS	BEEF_DOS	DAIRY_DO	PIG_DOSE	CHICKEN_	EGG_DOSE	1ST_DRIVE	2ND_DRIVE	3RD_DRIVE	Max HI
497	ALL		671091.4	4342277	1.526461	1175	Silica, Crys	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.53E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			5.09E-01
497	ALL		671091.4	4342277	0.13781	1175	Silica, Crys	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.38E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			4.59E-02
497	ALL		671091.4	4342277	1.94E-06	7440382	Arsenic	NonCancer	3.12E-02	3.12E-02	0.00E+00	0.00E+00	0.00E+00	3.12E-02	3.12E-02	3.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.94E-06	4.38E-08	2.82E-09	0.00E+00	0.00E+00	0.00E+00	6.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	CROP	SOIL	3.12E-02
497	ALL		671091.4	4342277	1.20E-06	7440382	Arsenic	NonCancer	1.93E-02	1.93E-02	0.00E+00	0.00E+00	0.00E+00	1.93E-02	1.93E-02	1.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.20E-06	2.70E-08	1.74E-09	0.00E+00	0.00E+00	0.00E+00	3.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	CROP	SOIL	1.93E-02
497	ALL		671091.4	4342277	1.19E-06	7440382	Arsenic	NonCancer	1.92E-02	1.92E-02	0.00E+00	0.00E+00	0.00E+00	1.92E-02	1.92E-02	1.92E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.19E-06	2.70E-08	1.74E-09	0.00E+00	0.00E+00	0.00E+00	3.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	CROP	SOIL	1.92E-02
497	ALL		671091.4	4342277	0.035038	1175	Silica, Crys	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	3.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.17E-02
497	ALL		671091.4	4342277	0.025298	1175	Silica, Crys	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	2.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			8.43E-03
497	ALL		671091.4	4342277	1.81E-05	7439976	Mercury	NonCancer	0.00E+00	5.25E-03	0.00E+00	5.25E-03	0.00E+00	5.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.81E-05	4.09E-07	1.76E-08	0.00E+00	0.00E+00	0.00E+00	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	CROP	5.25E-03
497	ALL		671091.4	4342277	0.000435	7439965	Manganes	NonCancer	0.00E+00	4.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			4.83E-03
497	ALL		671091.4	4342277	6.69E-06	7439976	Mercury	NonCancer	0.00E+00	1.94E-03	0.00E+00	1.94E-03	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	6.69E-06	1.51E-07	6.49E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	CROP	1.94E-03
497	ALL		671091.4	4342277	6.67E-06	7439976	Mercury	NonCancer	0.00E+00	1.94E-03	0.00E+00	1.94E-03	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	6.67E-06	1.51E-07	6.48E-09	0.00E+00	0.00E+00	0.00E+00	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	CROP	1.94E-03
497	ALL		671091.4	4342277	0.000152	7439965	Manganes	NonCancer	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.69E-03
497	ALL		671091.4	4342277	0.000151	7439965	Manganes	NonCancer	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.68E-03
497	ALL		671091.4	4342277	2.22E-05	7440020	Nickel	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-05	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	*	2.22E-05	5.03E-07	1.08E-08	0.00E+00	0.00E+00	0.00E+00	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	CROP	1.59E-03
497	ALL		671091.4	4342277	0.006846	9901	DieselExhP	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	6.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.37E-03
497	ALL		671091.4	4342277	7.77E-06	7440020	Nickel	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-05	5.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04	0.00E+00	0.00E+00	*	7.77E-06	1.76E-07	3.77E-09	0.00E+00	0.00E+00	0.00E+00	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	CROP	5.55E-04
497	ALL		671091.4	4342277	7.75E-06	7440020	Nickel	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-05	5.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04	0.00E+00	0.00E+00	*	7.75E-06	1.75E-07	3.76E-09	0.00E+00	0.00E+00	0.00E+00	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	CROP	5.54E-04
497	ALL		671091.4	4342277	0.000998	9901	DieselExhP	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	9.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			2.00E-04
497	ALL		671091.4	4342277	0.000782	9901	DieselExhP	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	7.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.56E-04
497	ALL		671091.4	4342277	0.00051	9901	DieselExhP	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	5.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.02E-04
497	ALL		671091.4	4342277	2.04E-07	7440439	Cadmium	NonCancer	0.00E+00	0.00E+00	0.00E+00	3.81E-05	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	2.04E-07	4.61E-09	9.89E-12	0.00E+00	0.00E+00	0.00E+00	9.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	CROP	SOIL	3.81E-05
497	ALL		671091.4	4342277	5.97E-05	71432	Benzene	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	*	5.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.99E-05
497	ALL		671091.4	4342277	5.97E-05	71432	Benzene	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	*	5.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.99E-05
497	ALL		671091.4	4342277	5.97E-05	71432	Benzene	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	*	5.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.99E-05
497	ALL		671091.4	4342277	7.29E-08	7440439	Cadmium	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	7.29E-08	1.65E-09	3.54E-12	0.00E+00	0.00E+00	0.00E+00	3.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	CROP	SOIL	1.36E-05
497	ALL		671091.4	4342277	7.27E-08	7440439	Cadmium	NonCancer	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	3.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	7.27E-08	1.64E-09	3.53E-12	0.00E+00	0.00E+00	0.00E+00	3.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	CROP	SOIL	1.36E-05
497	ALL		671091.4	4342277	7.65E-08	7440417	Beryllium	NonCancer	0.00E+00	0.00E+00	1.09E-05	0.00E+00	1.22E-06	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	7.65E-08	1.73E-09	5.57E-11	0.00E+00	0.00E+00	0.00E+00	6.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	CROP	1.09E-05
497	ALL		671091.4	4342277	1.67E-07	7782492	Selenium	NonCancer	4.69E-06	4.69E-06	0.00E+00	0.00E+00	4.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.67E-07	3.78E-09	1.22E-10	0.00E+00	0.00E+00	0.00E+00	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	CROP	SOIL	4.69E-06
497	ALL		671091.4	4342277	2.60E-08	7440417	Beryllium	NonCancer	0.00E+00	0.00E+00	3.72E-06	0.00E+00	4.15E-07	0.00E+00	3.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	2.60E-08	5.88E-10	1.89E-11	0.00E+00	0.00E+00	0.00E+00	2.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	CROP	3.72E-06
497	ALL		671091.4	4342277	2.60E-08	7440417	Beryllium	NonCancer	0.00E+00	0.00E+00	3.71E-06	0.00E+00	4.14E-07	0.00E+00	3.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	2.60E-08	5.86E-10	1.89E-11	0.00E+00	0.00E+00	0.00E+00	2.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	CROP	3.71E-06
497	ALL		671091.4	4342277	7.33E-08	7782492	Selenium	NonCancer	2.05E-06	2.05E-06	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	7.33E-08	1.66E-09	5.33E-11	0.00E+00	0.00E+00	0.00E+00	8.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	CROP	SOIL	2.05E-06
497	ALL		671091.4	4342277	7.32E-08	7782492	Selenium	NonCancer	2.05E-06	2.05E-06	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	7.32E-08	1.65E-09	5.33E-11	0.00E+00	0.00E+00	0.00E+00	8.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	CROP	SOIL	2.05E-06
497	ALL		671091.4	4342277	2.26E-08	18540299	Cr(VI)	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-07	0.00E+00	0.00E+00	*	2.26E-08	5.10E-10	1.10E-11	0.00E+00	0.00E+00	0.00E+00	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	CROP	SOIL	8.05E-07
497	ALL		671091.4	4342277	2.26E-08	18540299	Cr(VI)	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-07	0.00E+00	0.00E+00	*	2.26E-08	5.10E-10	1.10E-11	0.00E+00	0.00E+00	0.00E+00	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	CROP	SOIL	8.05E-07
497	ALL		671091.4	4342277	2.26E-08	18540299	Cr(VI)	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-07	0.00E+00	0.00E+00	*	2.26E-08	5.10E-10	1.10E-11	0.00E+00	0.00E+00	0.00E+00	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	CROP	SOIL	8.05E-07
497	ALL		671091.4	4342277	3.48E-05	108883	Toluene	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	3.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			8.29E-08
497	ALL		671091.4	4342277	3.48E-05	108883	Toluene	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	3.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			8.29E-08
497	ALL		671091.4	4342277	3.48E-05	108883	Toluene	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	3.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			8.29E-08
497	ALL		671091.4	4342277	0.000117	110543	Hexane	NonCancer	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.67E-08
497	ALL		671091.4	4342277	0.000117	110543	Hexane	NonCancer	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.67E-08
497	ALL		671091.4	4342277	0.000117	110543	Hexane	NonCancer	0.00E+00	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.67E-08
497	ALL		671091.4	4342277	0.000104	1332214	Asbestos	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	7.06E-06	1332214	Asbestos	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	7.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	1.45E-05	7440508	Copper	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	1.48E-06	7439921	Lead	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.48E-06	3.34E-08	1.08E-09	1.92E-08	0.00E+00	0.00E+00	4.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	MMILK	0.00E+00
497	ALL		671091.4	4342277	1.77E-05	7440622	Vanadium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	9.95E-06	540841	2,2,4TriMe	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	9.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	0.146829	10102440	NITROGEN	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	2.37E-05	1332214	Asbestos	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	2.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	4.14E-05	7440508	Copper	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	4.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	3.44E-06	7439921	Lead	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	3.44E-06	7.77E-08	2.50E-09	4.46E-08	0.00E+00	0.00E+00	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	MMILK	0.00E+00
497	ALL		671091.4	4342277	5.08E-05	7440622	Vanadium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	5.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	9.95E-06	540841	2,2,4TriMe	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	9.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	0.146829	10102440	NITROGEN	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	5.45E-06	1332214	Asbestos	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	5.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	1.45E-05	7440508	Copper	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	1.48E-06	7439921	Lead	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.48E-06	3.34E-08	1.07E-09	1.92E-08	0.00E+00	0.00E+00	4.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	MMILK	0.00E+00
497	ALL		671091.4	4342277	1.76E-05	7440622	Vanadium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	0.146829	10102440	NITROGEN	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
497	ALL		671091.4	4342277	9.95E-06	540841	2,2,4TriMe	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	9.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00

REC	GRP	NETID	X	Y	CONC	POLID	POLABBRE\	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE\	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	Max HI
497	ALL		671091.4	4342277	0.000448	7440020	Nickel	NonCancer	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
497	ALL		671091.4	4342277	0.000332	7440020	Nickel	NonCancer	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
497	ALL		671091.4	4342277	0.000362	7439976	Mercury	NonCancer	0.00E+00	6.03E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04
497	ALL		671091.4	4342277	0.000272	7439976	Mercury	NonCancer	0.00E+00	4.54E-04	0.00E+00	0.00E+00	0.00E+00	4.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04
497	ALL		671091.4	4342277	0.146736	10102440	NITROGEN	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04
497	ALL		671091.4	4342277	0.146736	10102440	NITROGEN	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04
497	ALL		671091.4	4342277	0.146736	10102440	NITROGEN	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04
497	ALL		671091.4	4342277	5.79E-05	7440020	Nickel	NonCancer	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
497	ALL		671091.4	4342277	3.19E-05	7440382	Arsenic	NonCancer	1.59E-04	1.59E-04	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
497	ALL		671091.4	4342277	2.60E-05	7440382	Arsenic	NonCancer	1.30E-04	1.30E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
497	ALL		671091.4	4342277	0.002597	71432	Benzene	NonCancer	0.00E+00	0.00E+00	9.62E-05	0.00E+00	0.00E+00	9.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-05	0.00E+00	0.00E+00	9.62E-05
497	ALL		671091.4	4342277	0.002597	71432	Benzene	NonCancer	0.00E+00	0.00E+00	9.62E-05	0.00E+00	0.00E+00	9.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-05	0.00E+00	0.00E+00	9.62E-05
497	ALL		671091.4	4342277	0.002595	71432	Benzene	NonCancer	0.00E+00	0.00E+00	9.61E-05	0.00E+00	0.00E+00	9.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-05	0.00E+00	0.00E+00	9.61E-05
497	ALL		671091.4	4342277	5.57E-05	7439976	Mercury	NonCancer	0.00E+00	9.28E-05	0.00E+00	0.00E+00	0.00E+00	9.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-05
497	ALL		671091.4	4342277	1.19E-05	7440382	Arsenic	NonCancer	5.95E-05	5.95E-05	0.00E+00	0.00E+00	0.00E+00	5.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-05
497	ALL		671091.4	4342277	0.001022	7440622	Vanadium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-05	0.00E+00	3.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-05
497	ALL		671091.4	4342277	0.000761	7440622	Vanadium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05
497	ALL		671091.4	4342277	0.000835	7440508	Copper	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-06
497	ALL		671091.4	4342277	0.000624	7440508	Copper	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-06
497	ALL		671091.4	4342277	0.000131	7440622	Vanadium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-06	0.00E+00	4.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-06
497	ALL		671091.4	4342277	0.000112	7440508	Copper	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-06
497	ALL		671091.4	4342277	0.001515	108883	Toluene	NonCancer	0.00E+00	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-07	0.00E+00	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-07
497	ALL		671091.4	4342277	0.001515	108883	Toluene	NonCancer	0.00E+00	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-07	0.00E+00	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-07
497	ALL		671091.4	4342277	0.001514	108883	Toluene	NonCancer	0.00E+00	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-07	0.00E+00	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-07
497	ALL		671091.4	4342277	8.602595	9901	DieselExhP	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	2.77E-05	1332214	Asbestos	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.255268	1175	Silica, Cryst	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.000642	1332214	Asbestos	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	3.921075	1175	Silica, Cryst	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	1.56E-06	7440417	Beryllium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	4.12E-06	7440439	Cadmium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	6.64E-05	7439921	Lead	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.008796	7439965	Manganese	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	3.15E-06	7782492	Selenium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	6.59E-07	18540299	Cr(VI)	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.312283	9901	DieselExhP	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.005087	110543	Hexane	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.000434	540841	2,2,4TriMe	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.000325	1332214	Asbestos	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	1.944592	1175	Silica, Cryst	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	1.17E-06	7440417	Beryllium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	3.09E-06	7440439	Cadmium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	5.09E-05	7439921	Lead	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.006568	7439965	Manganese	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	2.40E-06	7782492	Selenium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	6.59E-07	18540299	Cr(VI)	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.358227	9901	DieselExhP	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.005087	110543	Hexane	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.000434	540841	2,2,4TriMe	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.00017	1332214	Asbestos	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	1.012579	1175	Silica, Cryst	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	2.07E-07	7440417	Beryllium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	6.00E-07	7440439	Cadmium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	1.35E-05	7439921	Lead	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.001186	7439965	Manganese	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	6.17E-07	7782492	Selenium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	6.59E-07	18540299	Cr(VI)	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.230705	9901	DieselExhP	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.005081	110543	Hexane	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.000433	540841	2,2,4TriMe	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REC	GRP	NETID	X	Y	CONC	POLID	POLABBRE	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	Max HI
497	ALL		671091.4	4342277	0.000448	7440020	Nickel	NonCancer	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
497	ALL		671091.4	4342277	0.000332	7440020	Nickel	NonCancer	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
497	ALL		671091.4	4342277	0.000362	7439976	Mercury	NonCancer	0.00E+00	6.03E-04	0.00E+00	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04
497	ALL		671091.4	4342277	0.000272	7439976	Mercury	NonCancer	0.00E+00	4.54E-04	0.00E+00	0.00E+00	0.00E+00	4.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04
497	ALL		671091.4	4342277	0.146736	10102440	NITROGEN	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04
497	ALL		671091.4	4342277	0.146736	10102440	NITROGEN	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04
497	ALL		671091.4	4342277	0.146736	10102440	NITROGEN	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04
497	ALL		671091.4	4342277	5.79E-05	7440020	Nickel	NonCancer	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
497	ALL		671091.4	4342277	3.19E-05	7440382	Arsenic	NonCancer	1.59E-04	1.59E-04	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
497	ALL		671091.4	4342277	2.60E-05	7440382	Arsenic	NonCancer	1.30E-04	1.30E-04	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
497	ALL		671091.4	4342277	0.002597	71432	Benzene	NonCancer	0.00E+00	0.00E+00	9.62E-05	0.00E+00	0.00E+00	9.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-05	0.00E+00	0.00E+00	9.62E-05
497	ALL		671091.4	4342277	0.002597	71432	Benzene	NonCancer	0.00E+00	0.00E+00	9.62E-05	0.00E+00	0.00E+00	9.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-05	0.00E+00	0.00E+00	9.62E-05
497	ALL		671091.4	4342277	0.002595	71432	Benzene	NonCancer	0.00E+00	0.00E+00	9.61E-05	0.00E+00	0.00E+00	9.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-05	0.00E+00	0.00E+00	9.61E-05
497	ALL		671091.4	4342277	5.57E-05	7439976	Mercury	NonCancer	0.00E+00	9.28E-05	0.00E+00	0.00E+00	0.00E+00	9.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-05
497	ALL		671091.4	4342277	1.19E-05	7440382	Arsenic	NonCancer	5.95E-05	5.95E-05	0.00E+00	0.00E+00	0.00E+00	5.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-05
497	ALL		671091.4	4342277	0.001022	7440622	Vanadium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-05	0.00E+00	3.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-05
497	ALL		671091.4	4342277	0.000761	7440622	Vanadium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05
497	ALL		671091.4	4342277	0.000835	7440508	Copper	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-06
497	ALL		671091.4	4342277	0.000624	7440508	Copper	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-06
497	ALL		671091.4	4342277	0.000131	7440622	Vanadium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-06	0.00E+00	4.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-06
497	ALL		671091.4	4342277	0.000112	7440508	Copper	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-06
497	ALL		671091.4	4342277	0.001515	108883	Toluene	NonCancer	0.00E+00	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-07	0.00E+00	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-07
497	ALL		671091.4	4342277	0.001515	108883	Toluene	NonCancer	0.00E+00	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-07	0.00E+00	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-07
497	ALL		671091.4	4342277	0.001514	108883	Toluene	NonCancer	0.00E+00	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-07	0.00E+00	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-07
497	ALL		671091.4	4342277	8.602595	9901	DieselExhP	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	2.77E-05	1332214	Asbestos	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.255268	1175	Silica, Cryst	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.000642	1332214	Asbestos	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	3.921075	1175	Silica, Cryst	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	1.56E-06	7440417	Beryllium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	4.12E-06	7440439	Cadmium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	6.64E-05	7439921	Lead	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.008796	7439965	Manganese	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	3.15E-06	7782492	Selenium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	6.59E-07	18540299	Cr(VI)	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.312283	9901	DieselExhP	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.005087	110543	Hexane	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.000434	540841	2,2,4TriMe	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.000325	1332214	Asbestos	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	1.944592	1175	Silica, Cryst	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	1.17E-06	7440417	Beryllium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	3.09E-06	7440439	Cadmium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	5.09E-05	7439921	Lead	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.006568	7439965	Manganese	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	2.40E-06	7782492	Selenium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	6.59E-07	18540299	Cr(VI)	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.358227	9901	DieselExhP	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.005087	110543	Hexane	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.000434	540841	2,2,4TriMe	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.00017	1332214	Asbestos	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	1.012579	1175	Silica, Cryst	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	2.07E-07	7440417	Beryllium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	6.00E-07	7440439	Cadmium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	1.35E-05	7439921	Lead	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.001186	7439965	Manganese	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	6.17E-07	7782492	Selenium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	6.59E-07	18540299	Cr(VI)	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.230705	9901	DieselExhP	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.005081	110543	Hexane	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		671091.4	4342277	0.000433	540841	2,2,4TriMe	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REC	GRP	NETID	X	Y	CONC	POLID	POLABBRE	RISK_SUM	SCENARIO	DETAILS	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RIS	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISI	PIG_RISK	CHICKEN_R	EGG_RISK	1ST_DRIVE	2ND_DRIVE
531	ALL		669170.4	4343325	0.000135	1332214	Asbestos	3.49E-07	5YrCancer[	*	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.000902	9901	DieselExhP	3.09E-08	13.25YrCar	*	3.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.000799	9901	DieselExhP	1.24E-08	6YrCancer[	*	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.000893	9901	DieselExhP	1.15E-08	5YrCancer[	*	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	7.27E-06	7440382	Arsenic	1.00E-08	5YrCancer[	*	7.26E-10	6.63E-09	2.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.07E-05	1332214	Asbestos	5.54E-09	1YrCancer[	*	5.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.00E-06	1332214	Asbestos	3.11E-09	6YrCancer[	*	3.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.001044	9901	DieselExhP	2.70E-09	1YrCancer[	*	2.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	4.23E-07	7440382	Arsenic	1.54E-09	13.25YrCar	*	1.12E-10	1.02E-09	4.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.000141	7440020	Nickel	1.51E-09	5YrCancer[	*	1.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.77E-07	1332214	Asbestos	1.21E-09	13.25YrCar	*	1.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.28E-06	7440439	Cadmium	2.25E-10	5YrCancer[	*	2.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	7.64E-06	7440020	Nickel	2.16E-10	13.25YrCar	*	2.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	8.06E-08	7440382	Arsenic	1.33E-10	6YrCancer[	*	9.65E-12	8.81E-11	3.53E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.91E-05	7439921	Lead	1.25E-10	5YrCancer[	*	6.68E-12	9.87E-11	1.97E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	4.92E-07	7440417	Beryllium	4.85E-11	5YrCancer[	*	4.85E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	6.93E-08	7440439	Cadmium	3.23E-11	13.25YrCar	*	3.23E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.05E-06	7439921	Lead	1.82E-11	13.25YrCar	*	9.72E-13	1.44E-11	2.88E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	9.91E-06	71432	Benzene	1.40E-11	6YrCancer[	*	1.40E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	9.60E-07	7440020	Nickel	1.23E-11	6YrCancer[	*	1.23E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	9.91E-06	71432	Benzene	1.16E-11	5YrCancer[	*	1.16E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	2.71E-06	71432	Benzene	8.43E-12	13.25YrCar	*	8.43E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	5.04E-10	18540299	Cr(VI)	8.43E-12	13.25YrCar	*	7.99E-12	4.05E-13	2.81E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	2.66E-08	7440417	Beryllium	6.94E-12	13.25YrCar	*	6.94E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	5.04E-10	18540299	Cr(VI)	3.82E-12	6YrCancer[	*	3.62E-12	1.84E-13	1.27E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	5.04E-10	18540299	Cr(VI)	3.18E-12	5YrCancer[	*	3.02E-12	1.53E-13	1.06E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	8.81E-09	7440439	Cadmium	1.86E-12	6YrCancer[	*	1.86E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.47E-07	7439921	Lead	1.16E-12	6YrCancer[	*	6.17E-14	9.12E-13	1.82E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	3.31E-09	7440417	Beryllium	3.92E-13	6YrCancer[	*	3.92E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.150598	1175	Silica, Cryst	0.00E+00	1YrCancer[	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.834963	1175	Silica, Cryst	0.00E+00	5YrCancer[	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.000262	7440508	Copper	0.00E+00	5YrCancer[	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.002759	7439965	Manganese	0.00E+00	5YrCancer[	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.000111	7439976	Mercury	0.00E+00	5YrCancer[	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	9.17E-07	7782492	Selenium	0.00E+00	5YrCancer[	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.000323	7440622	Vanadium	0.00E+00	5YrCancer[	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.94E-05	110543	Hexane	0.00E+00	5YrCancer[	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	5.78E-06	108883	Toluene	0.00E+00	5YrCancer[	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.65E-06	540841	2,2,4TriMe	0.00E+00	5YrCancer[	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.005083	10102440	NITROGEN	0.00E+00	5YrCancer[	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.005913	1175	Silica, Cryst	0.00E+00	6YrCancer[	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.79E-06	7440508	Copper	0.00E+00	6YrCancer[	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.88E-05	7439965	Manganese	0.00E+00	6YrCancer[	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	7.80E-07	7439976	Mercury	0.00E+00	6YrCancer[	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	7.12E-09	7782492	Selenium	0.00E+00	6YrCancer[	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	2.19E-06	7440622	Vanadium	0.00E+00	6YrCancer[	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.94E-05	110543	Hexane	0.00E+00	6YrCancer[	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	5.78E-06	108883	Toluene	0.00E+00	6YrCancer[	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.65E-06	540841	2,2,4TriMe	0.00E+00	6YrCancer[	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.005083	10102440	NITROGEN	0.00E+00	6YrCancer[	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.000806	1175	Silica, Cryst	0.00E+00	13.25YrCar	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.42E-05	7440508	Copper	0.00E+00	13.25YrCar	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.000149	7439965	Manganese	0.00E+00	13.25YrCar	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	6.04E-06	7439976	Mercury	0.00E+00	13.25YrCar	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	5.04E-08	7782492	Selenium	0.00E+00	13.25YrCar	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.75E-05	7440622	Vanadium	0.00E+00	13.25YrCar	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.005083	10102440	NITROGEN	0.00E+00	13.25YrCar	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	5.31E-06	110543	Hexane	0.00E+00	13.25YrCar	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.58E-06	108883	Toluene	0.00E+00	13.25YrCar	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	4.52E-07	540841	2,2,4TriMe	0.00E+00	13.25YrCar	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		

REC	GRP	NETID	X	Y	CONC	POLID	POLABBRE	RISK_SUM	SCENARIO	DETAILS	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISI	PIG_RISK	CHICKEN_F	EGG_RISK	1ST_DRIVER	2ND_DRIVE
531	ALL		669170.4	4343325	0.000135	1332214	Asbestos	3.49E-07	5YrCancerI	*	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.000902	9901	DieselExhP	3.09E-08	13.25YrCar	*	3.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.000799	9901	DieselExhP	1.24E-08	6YrCancerI	*	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.000893	9901	DieselExhP	1.15E-08	5YrCancerI	*	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	7.27E-06	7440382	Arsenic	1.00E-08	5YrCancerI	*	7.26E-10	6.63E-09	2.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.07E-05	1332214	Asbestos	5.54E-09	1YrCancerI	*	5.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
531	ALL		669170.4	4343325	1.00E-06	1332214	Asbestos	3.11E-09	6YrCancerI	*	3.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	4.23E-07	7440382	Arsenic	1.54E-09	13.25YrCar	*	1.12E-10	1.02E-09	4.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.000141	7440020	Nickel	1.51E-09	5YrCancerI	*	1.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.77E-07	1332214	Asbestos	1.21E-09	13.25YrCar	*	1.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.000452	9901	DieselExhP	1.17E-09	1YrCancerI	*	1.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION
531	ALL		669170.4	4343325	1.28E-06	7440439	Cadmium	2.25E-10	5YrCancerI	*	2.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	7.64E-06	7440020	Nickel	2.16E-10	13.25YrCar	*	2.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	8.06E-08	7440382	Arsenic	1.33E-10	6YrCancerI	*	9.65E-12	8.81E-11	3.53E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.91E-05	7439921	Lead	1.25E-10	5YrCancerI	*	6.68E-12	9.87E-11	1.97E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	4.92E-07	7440417	Beryllium	4.85E-11	5YrCancerI	*	4.85E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	6.93E-08	7440439	Cadmium	3.23E-11	13.25YrCar	*	3.23E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.05E-06	7439921	Lead	1.82E-11	13.25YrCar	*	9.72E-13	1.44E-11	2.88E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	9.91E-06	71432	Benzene	1.40E-11	6YrCancerI	*	1.40E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	9.60E-07	7440020	Nickel	1.23E-11	6YrCancerI	*	1.23E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	9.91E-06	71432	Benzene	1.16E-11	5YrCancerI	*	1.16E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	2.71E-06	71432	Benzene	8.43E-12	13.25YrCar	*	8.43E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	5.04E-10	18540299	Cr(VI)	8.43E-12	13.25YrCar	*	7.99E-12	4.05E-13	2.81E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	2.66E-08	7440417	Beryllium	6.94E-12	13.25YrCar	*	6.94E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	5.04E-10	18540299	Cr(VI)	3.82E-12	6YrCancerI	*	3.62E-12	1.84E-13	1.27E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	5.04E-10	18540299	Cr(VI)	3.18E-12	5YrCancerI	*	3.02E-12	1.53E-13	1.06E-14	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	8.81E-09	7440439	Cadmium	1.86E-12	6YrCancerI	*	1.86E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.47E-07	7439921	Lead	1.16E-12	6YrCancerI	*	6.17E-14	9.12E-13	1.82E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	3.31E-09	7440417	Beryllium	3.92E-13	6YrCancerI	*	3.92E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.150598	1175	Silica, Cryst	0.00E+00	1YrCancerI	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.834963	1175	Silica, Cryst	0.00E+00	5YrCancerI	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.000262	7440508	Copper	0.00E+00	5YrCancerI	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.002759	7439965	Manganese	0.00E+00	5YrCancerI	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.000111	7439976	Mercury	0.00E+00	5YrCancerI	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	9.17E-07	7782492	Selenium	0.00E+00	5YrCancerI	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.000323	7440622	Vanadium	0.00E+00	5YrCancerI	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.94E-05	110543	Hexane	0.00E+00	5YrCancerI	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	5.78E-06	108883	Toluene	0.00E+00	5YrCancerI	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.65E-06	540841	2,2,4TriMe	0.00E+00	5YrCancerI	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.005083	10102440	NITROGEN	0.00E+00	5YrCancerI	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.005913	1175	Silica, Cryst	0.00E+00	6YrCancerI	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.79E-06	7440508	Copper	0.00E+00	6YrCancerI	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.88E-05	7439965	Manganese	0.00E+00	6YrCancerI	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	7.80E-07	7439976	Mercury	0.00E+00	6YrCancerI	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	7.12E-09	7782492	Selenium	0.00E+00	6YrCancerI	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	2.19E-06	7440622	Vanadium	0.00E+00	6YrCancerI	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.94E-05	110543	Hexane	0.00E+00	6YrCancerI	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	5.78E-06	108883	Toluene	0.00E+00	6YrCancerI	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.65E-06	540841	2,2,4TriMe	0.00E+00	6YrCancerI	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.005083	10102440	NITROGEN	0.00E+00	6YrCancerI	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.000806	1175	Silica, Cryst	0.00E+00	13.25YrCar	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.42E-05	7440508	Copper	0.00E+00	13.25YrCar	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.000149	7439965	Manganese	0.00E+00	13.25YrCar	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	6.04E-06	7439976	Mercury	0.00E+00	13.25YrCar	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	5.04E-08	7782492	Selenium	0.00E+00	13.25YrCar	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.75E-05	7440622	Vanadium	0.00E+00	13.25YrCar	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	0.005083	10102440	NITROGEN	0.00E+00	13.25YrCar	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	5.31E-06	110543	Hexane	0.00E+00	13.25YrCar	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	1.58E-06	108883	Toluene	0.00E+00	13.25YrCar	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
531	ALL		669170.4	4343325	4.52E-07	540841	2,2,4TriMe	0.00E+00	13.25YrCar	*	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		

REC	GRP	NETID	X	Y	CONC	POLID	POLABBRE	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	DETAILS	INH_CONC	SOIL_DOSE	DERMAL_I	MMILK_DC	WATER_DC	FISH_DOSE	CROP_DOS	BEEF_DOS	DAIRY_DO	PIG_DOSE	CHICKEN_I	EGG_DOSE	1ST_DRIVE	2ND_DRIVE	3RD_DRIVE	Max HI
531	ALL		669170.4	4343325	0.834963	1175	Silica, Crys	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	8.35E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			2.78E-01
531	ALL		669170.4	4343325	0.150598	1175	Silica, Crys	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.51E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			5.02E-02
531	ALL		669170.4	4343325	7.27E-06	7440382	Arsenic	NonCancer	3.36E-02	3.36E-02	0.00E+00	0.00E+00	0.00E+00	3.36E-02	3.36E-02	3.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	7.27E-06	9.03E-08	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	DERMAL	3.36E-02
531	ALL		669170.4	4343325	0.002759	7439965	Manganes	NonCancer	0.00E+00	3.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	2.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			3.07E-02
531	ALL		669170.4	4343325	0.000111	7439976	Mercury	NonCancer	0.00E+00	1.40E-02	0.00E+00	1.40E-02	0.00E+00	1.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.11E-04	1.38E-06	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	DERMAL	1.40E-02
531	ALL		669170.4	4343325	0.000141	7440020	Nickel	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	1.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	*	1.41E-04	1.75E-06	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	DERMAL	1.01E-02
531	ALL		669170.4	4343325	0.005913	1175	Silica, Crys	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	5.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.97E-03
531	ALL		669170.4	4343325	4.23E-07	7440382	Arsenic	NonCancer	1.96E-03	1.96E-03	0.00E+00	0.00E+00	0.00E+00	1.96E-03	1.96E-03	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	4.23E-07	5.25E-09	1.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	DERMAL	1.96E-03
531	ALL		669170.4	4343325	0.000149	7439965	Manganes	NonCancer	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.66E-03
531	ALL		669170.4	4343325	6.04E-06	7439976	Mercury	NonCancer	0.00E+00	7.60E-04	0.00E+00	7.60E-04	0.00E+00	7.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	6.04E-06	7.50E-08	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	DERMAL	7.60E-04
531	ALL		669170.4	4343325	7.64E-06	7440020	Nickel	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-06	5.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	*	7.64E-06	9.48E-08	9.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	DERMAL	5.45E-04
531	ALL		669170.4	4343325	8.06E-08	7440382	Arsenic	NonCancer	3.73E-04	3.73E-04	0.00E+00	0.00E+00	0.00E+00	3.73E-04	3.73E-04	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	8.06E-08	1.00E-09	2.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	DERMAL	3.73E-04
531	ALL		669170.4	4343325	0.000806	1175	Silica, Crys	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	8.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			2.69E-04
531	ALL		669170.4	4343325	1.88E-05	7439965	Manganes	NonCancer	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			2.09E-04
531	ALL		669170.4	4343325	0.000902	9901	DieselExhP	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	9.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.80E-04
531	ALL		669170.4	4343325	0.000893	9901	DieselExhP	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	8.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.79E-04
531	ALL		669170.4	4343325	0.000799	9901	DieselExhP	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	7.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.60E-04
531	ALL		669170.4	4343325	7.80E-07	7439976	Mercury	NonCancer	0.00E+00	9.81E-05	0.00E+00	9.81E-05	0.00E+00	9.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	7.80E-07	9.69E-09	1.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	DERMAL	9.81E-05
531	ALL		669170.4	4343325	1.28E-06	7440439	Cadmium	NonCancer	0.00E+00	0.00E+00	0.00E+00	9.59E-05	0.00E+00	0.00E+00	6.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.28E-06	1.59E-08	1.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	DERMAL	9.59E-05
531	ALL		669170.4	4343325	0.000452	9901	DieselExhP	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	4.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			9.05E-05
531	ALL		669170.4	4343325	4.92E-07	7440417	Beryllium	NonCancer	0.00E+00	0.00E+00	7.02E-05	0.00E+00	3.49E-06	0.00E+00	7.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	4.92E-07	6.11E-09	8.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	DERMAL	7.02E-05
531	ALL		669170.4	4343325	9.60E-07	7440020	Nickel	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-06	6.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-05	0.00E+00	0.00E+00	*	9.60E-07	1.19E-08	1.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	DERMAL	6.86E-05
531	ALL		669170.4	4343325	6.93E-08	7440439	Cadmium	NonCancer	0.00E+00	0.00E+00	0.00E+00	5.20E-06	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	6.93E-08	8.61E-10	8.20E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	DERMAL	5.20E-06
531	ALL		669170.4	4343325	2.66E-08	7440417	Beryllium	NonCancer	0.00E+00	0.00E+00	3.79E-06	0.00E+00	1.88E-07	0.00E+00	3.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	2.66E-08	3.30E-10	4.71E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	DERMAL	3.79E-06
531	ALL		669170.4	4343325	9.91E-06	71432	Benzene	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	*	9.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			3.30E-06
531	ALL		669170.4	4343325	9.91E-06	71432	Benzene	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	*	9.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			3.30E-06
531	ALL		669170.4	4343325	9.17E-07	7782492	Selenium	NonCancer	2.65E-06	2.65E-06	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	9.17E-07	1.14E-08	1.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	DERMAL	2.65E-06
531	ALL		669170.4	4343325	2.71E-06	71432	Benzene	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-07	0.00E+00	0.00E+00	*	2.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			9.03E-07
531	ALL		669170.4	4343325	8.81E-09	7440439	Cadmium	NonCancer	0.00E+00	0.00E+00	0.00E+00	6.61E-07	0.00E+00	0.00E+00	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	8.81E-09	1.09E-10	1.04E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	DERMAL	6.61E-07
531	ALL		669170.4	4343325	3.31E-09	7440417	Beryllium	NonCancer	0.00E+00	0.00E+00	4.73E-07	0.00E+00	2.35E-08	0.00E+00	4.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	3.31E-09	4.11E-11	5.88E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	DERMAL	4.73E-07
531	ALL		669170.4	4343325	5.04E-08	7782492	Selenium	NonCancer	1.46E-07	1.46E-07	0.00E+00	0.00E+00	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	5.04E-08	6.26E-10	8.95E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	DERMAL	1.46E-07
531	ALL		669170.4	4343325	7.12E-09	7782492	Selenium	NonCancer	2.06E-08	2.06E-08	0.00E+00	0.00E+00	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	7.12E-09	8.85E-11	1.26E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	DERMAL	2.06E-08
531	ALL		669170.4	4343325	5.78E-06	108883	Toluene	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	5.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.38E-08
531	ALL		669170.4	4343325	5.78E-06	108883	Toluene	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	5.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.38E-08
531	ALL		669170.4	4343325	1.58E-06	108883	Toluene	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			3.76E-09
531	ALL		669170.4	4343325	1.94E-05	110543	Hexane	NonCancer	0.00E+00	2.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			2.77E-09
531	ALL		669170.4	4343325	1.94E-05	110543	Hexane	NonCancer	0.00E+00	2.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			2.77E-09
531	ALL		669170.4	4343325	5.04E-10	18540299	Cr(VI)	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-10	0.00E+00	0.00E+00	*	5.04E-10	6.25E-12	5.96E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	DERMAL	2.52E-09
531	ALL		669170.4	4343325	5.04E-10	18540299	Cr(VI)	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-10	0.00E+00	0.00E+00	*	5.04E-10	6.25E-12	5.96E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	DERMAL	2.52E-09
531	ALL		669170.4	4343325	5.04E-10	18540299	Cr(VI)	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-10	0.00E+00	0.00E+00	*	5.04E-10	6.25E-12	5.96E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	DERMAL	2.52E-09
531	ALL		669170.4	4343325	5.31E-06	110543	Hexane	NonCancer	0.00E+00	7.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	5.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			7.58E-10
531	ALL		669170.4	4343325	1.07E-05	1332214	Asbestos	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
531	ALL		669170.4	4343325	0.000135	1332214	Asbestos	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
531	ALL		669170.4	4343325	0.000262	7440508	Copper	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
531	ALL		669170.4	4343325	1.91E-05	7439921	Lead	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.91E-05	2.37E-07	3.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	DERMAL	0.00E+00
531	ALL		669170.4	4343325	0.000323	7440622	Vanadium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	3.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
531	ALL		669170.4	4343325	1.65E-06	540841	2,2,4TriMe	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
531	ALL		669170.4	4343325	0.005083	10102440	NITROGEN	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	5.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
531	ALL		669170.4	4343325	1.00E-06	1332214	Asbestos	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
531	ALL		669170.4	4343325	1.79E-06	7440508	Copper	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
531	ALL		669170.4	4343325	1.47E-07	7439921	Lead	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.47E-07	1.83E-09	2.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	DERMAL	0.00E+00
531	ALL		669170.4	4343325	2.19E-06	7440622	Vanadium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
531	ALL		669170.4	4343325	1.65E-06	540841	2,2,4TriMe	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
531	ALL		669170.4	4343325	0.005083	10102440	NITROGEN	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	5.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
531	ALL		669170.4	4343325	1.77E-07	1332214	Asbestos	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
531	ALL		669170.4	4343325	1.42E-05	7440508	Copper	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
531	ALL		669170.4	4343325	1.05E-06	7439921	Lead	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.05E-06	1.30E-08	1.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIC	SOIL	DERMAL	0.00E+00
531	ALL		669170.4	4343325	1.75E-05	7440622	Vanadium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
531	ALL		669170.4	4343325	0.005083	10102440	NITROGEN	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	5.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
531	ALL		669170.4	4343325	4.52E-07	540841	2,2,4TriMe	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	4.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00

IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	DETAILS	INH_CONC	SOIL_DOSE	DERMAL_E	MMILK_DO	WATER_DO	FISH_DOSE	CROP_DOS	BEEF_DOS	DAIRY_DO	PIG_DOSE	CHICKEN_E	EGG_DOSE	1ST_DRIVE	2ND_DRIVI	3RD_DRIVI	Max HI
0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	8.35E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			2.78E-01
0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.51E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			5.02E-02
0.00E+00	0.00E+00	0.00E+00	3.36E-02	3.36E-02	3.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	7.27E-06	9.03E-08	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIO	SOIL	DERMAL	3.36E-02
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	2.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			3.07E-02
0.00E+00	1.40E-02	0.00E+00	1.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.11E-04	1.38E-06	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIO	SOIL	DERMAL	1.40E-02
0.00E+00	0.00E+00	0.00E+00	1.74E-04	1.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-02	0.00E+00	*	1.41E-04	1.75E-06	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIO	SOIL	DERMAL	1.01E-02
0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	5.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.97E-03
0.00E+00	0.00E+00	0.00E+00	1.96E-03	1.96E-03	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	4.23E-07	5.25E-09	1.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIO	SOIL	DERMAL	1.96E-03
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.66E-03
0.00E+00	7.60E-04	0.00E+00	7.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	6.04E-06	7.50E-08	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIO	SOIL	DERMAL	7.60E-04
0.00E+00	0.00E+00	0.00E+00	9.44E-06	5.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	*	7.64E-06	9.48E-08	9.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIO	SOIL	DERMAL	5.45E-04
0.00E+00	0.00E+00	0.00E+00	3.73E-04	3.73E-04	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	8.06E-08	1.00E-09	2.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIO	SOIL	DERMAL	3.73E-04
0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	8.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			2.69E-04
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			2.09E-04
0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	9.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.80E-04
0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	8.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.79E-04
0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	7.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.60E-04
0.00E+00	9.81E-05	0.00E+00	9.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	7.80E-07	9.69E-09	1.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIO	SOIL	DERMAL	9.81E-05
0.00E+00	9.59E-05	0.00E+00	0.00E+00	6.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.28E-06	1.59E-08	1.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIO	SOIL	DERMAL	9.59E-05
0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	4.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			9.05E-05
7.02E-05	0.00E+00	3.49E-06	0.00E+00	7.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	4.92E-07	6.11E-09	8.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIO	SOIL	DERMAL	7.02E-05
0.00E+00	0.00E+00	0.00E+00	1.19E-06	6.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-05	0.00E+00	0.00E+00	*	9.60E-07	1.19E-08	1.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIO	SOIL	DERMAL	6.86E-05
0.00E+00	5.20E-06	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	6.93E-08	8.61E-10	8.20E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIO	SOIL	DERMAL	5.20E-06
3.79E-06	0.00E+00	1.88E-07	0.00E+00	3.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	2.66E-08	3.30E-10	4.71E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIO	SOIL	DERMAL	3.79E-06
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	*	9.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			3.30E-06
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	*	9.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			3.30E-06
0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	9.17E-07	1.14E-08	1.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIO	SOIL	DERMAL	2.65E-06
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-07	0.00E+00	0.00E+00	*	2.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			9.03E-07
0.00E+00	6.61E-07	0.00E+00	0.00E+00	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	8.81E-09	1.09E-10	1.04E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIO	SOIL	DERMAL	6.61E-07
4.73E-07	0.00E+00	2.35E-08	0.00E+00	4.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	3.31E-09	4.11E-11	5.88E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIO	SOIL	DERMAL	4.73E-07
0.00E+00	0.00E+00	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	5.04E-08	6.26E-10	8.95E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIO	SOIL	DERMAL	1.46E-07
0.00E+00	0.00E+00	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	7.12E-09	8.85E-11	1.26E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIO	SOIL	DERMAL	2.06E-08
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	5.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.38E-08
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	5.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			1.38E-08
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			3.76E-09
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			2.77E-09
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			2.77E-09
0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-10	0.00E+00	0.00E+00	*	5.04E-10	6.25E-12	5.96E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIO	SOIL	DERMAL	2.52E-09
0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-10	0.00E+00	0.00E+00	*	5.04E-10	6.25E-12	5.96E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIO	SOIL	DERMAL	2.52E-09
0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-10	0.00E+00	0.00E+00	*	5.04E-10	6.25E-12	5.96E-13	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIO	SOIL	DERMAL	2.52E-09
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	5.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			7.58E-10
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.91E-05	2.37E-07	3.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIO	SOIL	DERMAL	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	3.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	5.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.47E-07	1.83E-09	2.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIO	SOIL	DERMAL	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	5.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.05E-06	1.30E-08	1.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATIO	SOIL	DERMAL	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	1.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	5.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	*	4.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	INHALATION			0.00E+00

REC	GRP	NETID	X	Y	CONC	POLID	POLABBRE	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	Max HI
531	ALL		669170.4	4343325	0.008756	7440020	Nickel	NonCancer	0.00E+00	0.00E+00	4.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-02
531	ALL		669170.4	4343325	0.006868	7439976	Mercury	NonCancer	0.00E+00	1.14E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-02
531	ALL		669170.4	4343325	0.000449	7440382	Arsenic	NonCancer	2.24E-03	2.24E-03	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
531	ALL		669170.4	4343325	0.019973	7440622	Vanadium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-04	0.00E+00	6.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-04
531	ALL		669170.4	4343325	9.69E-05	7440020	Nickel	NonCancer	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04
531	ALL		669170.4	4343325	0.016197	7440508	Copper	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
531	ALL		669170.4	4343325	7.68E-05	7439976	Mercury	NonCancer	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
531	ALL		669170.4	4343325	7.97E-06	7440020	Nickel	NonCancer	0.00E+00	0.00E+00	3.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-05
531	ALL		669170.4	4343325	5.59E-06	7440382	Arsenic	NonCancer	2.80E-05	2.80E-05	0.00E+00	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-05
531	ALL		669170.4	4343325	0.00048	71432	Benzene	NonCancer	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	1.78E-05
531	ALL		669170.4	4343325	0.00048	71432	Benzene	NonCancer	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	1.78E-05
531	ALL		669170.4	4343325	7.05E-06	7439976	Mercury	NonCancer	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-05
531	ALL		669170.4	4343325	0.005079	10102440	NITROGEN	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05
531	ALL		669170.4	4343325	0.005079	10102440	NITROGEN	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05
531	ALL		669170.4	4343325	0.005079	10102440	NITROGEN	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05
531	ALL		669170.4	4343325	0.00022	7440622	Vanadium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-06	0.00E+00	7.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-06
531	ALL		669170.4	4343325	1.06E-06	7440382	Arsenic	NonCancer	5.28E-06	5.28E-06	0.00E+00	0.00E+00	0.00E+00	5.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-06
531	ALL		669170.4	4343325	5.80E-05	71432	Benzene	NonCancer	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-06	0.00E+00	2.15E-06
531	ALL		669170.4	4343325	0.00018	7440508	Copper	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-06
531	ALL		669170.4	4343325	1.83E-05	7440622	Vanadium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-07	0.00E+00	6.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-07
531	ALL		669170.4	4343325	1.53E-05	7440508	Copper	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-07
531	ALL		669170.4	4343325	0.00028	108883	Toluene	NonCancer	0.00E+00	5.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-08	0.00E+00	5.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-08
531	ALL		669170.4	4343325	0.00028	108883	Toluene	NonCancer	0.00E+00	5.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-08	0.00E+00	5.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-08
531	ALL		669170.4	4343325	3.38E-05	108883	Toluene	NonCancer	0.00E+00	6.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-09	0.00E+00	6.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-09
531	ALL		669170.4	4343325	0.172766	9901	DieselExhP	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	3.10E-05	1332214	Asbestos	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	0.191873	1175	Silica, Cryst	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	0.00839	1332214	Asbestos	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	52.04836	1175	Silica, Cryst	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	3.04E-05	7440417	Beryllium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	7.90E-05	7440439	Cadmium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	0.001185	7439921	Lead	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	0.170551	7439965	Manganese	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	5.67E-05	7782492	Selenium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	2.71E-08	18540299	Cr(VI)	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	0.231102	9901	DieselExhP	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	0.000942	110543	Hexane	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	8.02E-05	540841	2,2,4TriMe	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	8.79E-06	1332214	Asbestos	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	0.052643	1175	Silica, Cryst	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	2.83E-08	7440417	Beryllium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	7.83E-08	7440439	Cadmium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	1.50E-06	7439921	Lead	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	0.000161	7439965	Manganese	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	6.94E-08	7782492	Selenium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	2.71E-08	18540299	Cr(VI)	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	0.230256	9901	DieselExhP	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	0.000942	110543	Hexane	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	8.02E-05	540841	2,2,4TriMe	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	4.89E-06	1332214	Asbestos	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	0.029072	1175	Silica, Cryst	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	3.37E-07	7440417	Beryllium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	8.80E-07	7440439	Cadmium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	1.34E-05	7439921	Lead	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	0.001892	7439965	Manganese	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	6.43E-07	7782492	Selenium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	2.71E-08	18540299	Cr(VI)	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	0.08814	9901	DieselExhP	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	0.000114	110543	Hexane	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	9.68E-06	540841	2,2,4TriMe	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REC	GRP	NETID	X	Y	CONC	POLID	POLABBRE	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	Max HI
531	ALL		669170.4	4343325	0.008756	7440020	Nickel	NonCancer	0.00E+00	0.00E+00	4.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-02
531	ALL		669170.4	4343325	0.006868	7439976	Mercury	NonCancer	0.00E+00	1.14E-02	0.00E+00	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-02
531	ALL		669170.4	4343325	0.000449	7440382	Arsenic	NonCancer	2.24E-03	2.24E-03	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
531	ALL		669170.4	4343325	0.019973	7440622	Vanadium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-04	0.00E+00	6.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-04
531	ALL		669170.4	4343325	9.69E-05	7440020	Nickel	NonCancer	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04
531	ALL		669170.4	4343325	0.016197	7440508	Copper	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
531	ALL		669170.4	4343325	7.68E-05	7439976	Mercury	NonCancer	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
531	ALL		669170.4	4343325	7.97E-06	7440020	Nickel	NonCancer	0.00E+00	0.00E+00	3.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-05
531	ALL		669170.4	4343325	5.59E-06	7440382	Arsenic	NonCancer	2.80E-05	2.80E-05	0.00E+00	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-05
531	ALL		669170.4	4343325	0.00048	71432	Benzene	NonCancer	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	1.78E-05
531	ALL		669170.4	4343325	0.00048	71432	Benzene	NonCancer	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	1.78E-05
531	ALL		669170.4	4343325	7.05E-06	7439976	Mercury	NonCancer	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-05
531	ALL		669170.4	4343325	0.005079	10102440	NITROGEN	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05
531	ALL		669170.4	4343325	0.005079	10102440	NITROGEN	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05
531	ALL		669170.4	4343325	0.005079	10102440	NITROGEN	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05
531	ALL		669170.4	4343325	0.00022	7440622	Vanadium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-06	0.00E+00	7.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-06
531	ALL		669170.4	4343325	1.06E-06	7440382	Arsenic	NonCancer	5.28E-06	5.28E-06	0.00E+00	0.00E+00	0.00E+00	5.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-06
531	ALL		669170.4	4343325	5.80E-05	71432	Benzene	NonCancer	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.15E-06
531	ALL		669170.4	4343325	0.00018	7440508	Copper	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-06
531	ALL		669170.4	4343325	1.83E-05	7440622	Vanadium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-07	0.00E+00	6.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-07
531	ALL		669170.4	4343325	1.53E-05	7440508	Copper	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-07
531	ALL		669170.4	4343325	0.00028	108883	Toluene	NonCancer	0.00E+00	5.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-08	0.00E+00	5.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-08
531	ALL		669170.4	4343325	0.00028	108883	Toluene	NonCancer	0.00E+00	5.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-08	0.00E+00	5.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-08
531	ALL		669170.4	4343325	3.38E-05	108883	Toluene	NonCancer	0.00E+00	6.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-09	0.00E+00	6.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-09
531	ALL		669170.4	4343325	0.172766	9901	DieselExhP	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	3.10E-05	1332214	Asbestos	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	0.191873	1175	Silica, Cryst	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	0.00839	1332214	Asbestos	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	52.04836	1175	Silica, Cryst	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	3.04E-05	7440417	Beryllium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	7.90E-05	7440439	Cadmium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	0.001185	7439921	Lead	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	0.170551	7439965	Manganese	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	5.67E-05	7782492	Selenium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	2.71E-08	18540299	Cr(VI)	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	0.231102	9901	DieselExhP	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	0.000942	110543	Hexane	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	8.02E-05	540841	2,2,4TriMe	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	8.79E-06	1332214	Asbestos	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	0.052643	1175	Silica, Cryst	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	2.83E-08	7440417	Beryllium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	7.83E-08	7440439	Cadmium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	1.50E-06	7439921	Lead	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	0.000161	7439965	Manganese	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	6.94E-08	7782492	Selenium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	2.71E-08	18540299	Cr(VI)	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	0.230256	9901	DieselExhP	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	0.000942	110543	Hexane	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	8.02E-05	540841	2,2,4TriMe	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	4.89E-06	1332214	Asbestos	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	0.029072	1175	Silica, Cryst	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	3.37E-07	7440417	Beryllium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	8.80E-07	7440439	Cadmium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	1.34E-05	7439921	Lead	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	0.001892	7439965	Manganese	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	6.43E-07	7782492	Selenium	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	2.71E-08	18540299	Cr(VI)	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	0.08814	9901	DieselExhP	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	0.000114	110543	Hexane	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		669170.4	4343325	9.68E-06	540841	2,2,4TriMe	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISI	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		668148.8	4340781	4.50E-09	1YrCancerI	4.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		668370.1	4340781	5.01E-09	1YrCancerI	5.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		668591.4	4340781	5.50E-09	1YrCancerI	5.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		668812.7	4340781	5.92E-09	1YrCancerI	5.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		669034	4340781	6.56E-09	1YrCancerI	6.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		669255.3	4340781	7.32E-09	1YrCancerI	7.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		669476.7	4340781	8.11E-09	1YrCancerI	8.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		669698	4340781	9.11E-09	1YrCancerI	9.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		669919.3	4340781	1.19E-08	1YrCancerI	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		670140.6	4340781	1.37E-08	1YrCancerI	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		670361.9	4340781	1.34E-08	1YrCancerI	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		670583.2	4340781	9.44E-09	1YrCancerI	9.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		670804.5	4340781	9.19E-09	1YrCancerI	9.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		671025.8	4340781	7.65E-09	1YrCancerI	7.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		671247.1	4340781	7.70E-09	1YrCancerI	7.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		671468.4	4340781	1.01E-08	1YrCancerI	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		671689.8	4340781	1.44E-08	1YrCancerI	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		671911.1	4340781	1.36E-08	1YrCancerI	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		672132.4	4340781	7.42E-09	1YrCancerI	7.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		672353.7	4340781	1.30E-08	1YrCancerI	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		672575	4340781	1.63E-08	1YrCancerI	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		668148.8	4340946	4.44E-09	1YrCancerI	4.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		668370.1	4340946	4.99E-09	1YrCancerI	4.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		668591.4	4340946	5.48E-09	1YrCancerI	5.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		668812.7	4340946	5.98E-09	1YrCancerI	5.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		669034	4340946	6.83E-09	1YrCancerI	6.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		669255.3	4340946	7.56E-09	1YrCancerI	7.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		669476.7	4340946	8.41E-09	1YrCancerI	8.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		669698	4340946	9.75E-09	1YrCancerI	9.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		669919.3	4340946	1.39E-08	1YrCancerI	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		670140.6	4340946	1.49E-08	1YrCancerI	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		670361.9	4340946	1.58E-08	1YrCancerI	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		670583.2	4340946	1.52E-08	1YrCancerI	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		670804.5	4340946	9.90E-09	1YrCancerI	9.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		671025.8	4340946	7.82E-09	1YrCancerI	7.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		671247.1	4340946	7.77E-09	1YrCancerI	7.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		671468.4	4340946	9.41E-09	1YrCancerI	9.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		671689.8	4340946	1.85E-08	1YrCancerI	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		671911.1	4340946	2.15E-08	1YrCancerI	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		672132.4	4340946	7.01E-09	1YrCancerI	7.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		672353.7	4340946	8.95E-09	1YrCancerI	8.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		672575	4340946	1.59E-08	1YrCancerI	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		668148.8	4341111	4.51E-09	1YrCancerI	4.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		668370.1	4341111	4.89E-09	1YrCancerI	4.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		668591.4	4341111	5.59E-09	1YrCancerI	5.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		668812.7	4341111	6.18E-09	1YrCancerI	6.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		669034	4341111	6.92E-09	1YrCancerI	6.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		669255.3	4341111	7.60E-09	1YrCancerI	7.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		669476.7	4341111	8.79E-09	1YrCancerI	8.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		669698	4341111	1.03E-08	1YrCancerI	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		669919.3	4341111	1.17E-08	1YrCancerI	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		670140.6	4341111	1.63E-08	1YrCancerI	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		670361.9	4341111	1.56E-08	1YrCancerI	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		670583.2	4341111	1.19E-08	1YrCancerI	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		670804.5	4341111	8.82E-09	1YrCancerI	8.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		671025.8	4341111	7.70E-09	1YrCancerI	7.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		671247.1	4341111	9.31E-09	1YrCancerI	9.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		671468.4	4341111	1.13E-08	1YrCancerI	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		671689.8	4341111	2.97E-08	1YrCancerI	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		671911.1	4341111	2.39E-08	1YrCancerI	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		672132.4	4341111	6.88E-09	1YrCancerI	6.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		672353.7	4341111	6.16E-09	1YrCancerI	6.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		672575	4341111	1.63E-08	1YrCancerI	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		668148.8	4341276	4.63E-09	1YrCancerI	4.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL		668370.1	4341276	5.08E-09	1YrCancerI	5.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL		668591.4	4341276	5.73E-09	1YrCancerI	5.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL		668812.7	4341276	6.46E-09	1YrCancerI	6.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		669034	4341276	7.26E-09	1YrCancerI	7.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		669255.3	4341276	8.10E-09	1YrCancerI	8.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		669476.7	4341276	9.11E-09	1YrCancerI	9.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL		669698	4341276	1.05E-08	1YrCancerI	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL		669919.3	4341276	1.49E-08	1YrCancerI	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		670140.6	4341276	1.35E-08	1YrCancerI	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL		670361.9	4341276	1.26E-08	1YrCancerI	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL		670583.2	4341276	9.77E-09	1YrCancerI	9.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL		670804.5	4341276	9.79E-09	1YrCancerI	9.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		671025.8	4341276	8.98E-09	1YrCancerI	8.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL		671247.1	4341276	1.30E-08	1YrCancerI	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL		671468.4	4341276	3.08E-08	1YrCancerI	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL		671689.8	4341276	4.64E-08	1YrCancerI	4.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		671911.1	4341276	2.94E-08	1YrCancerI	2.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		672132.4	4341276	7.61E-09	1YrCancerI	7.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		672353.7	4341276	5.69E-09	1YrCancerI	5.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL		672575	4341276	1.62E-08	1YrCancerI	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		668148.8	4341441	4.66E-09	1YrCancerI	4.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL		668370.1	4341441	5.21E-09	1YrCancerI	5.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL		668591.4	4341441	5.83E-09	1YrCancerI	5.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL		668812.7	4341441	6.60E-09	1YrCancerI	6.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL		669034	4341441	7.39E-09	1YrCancerI	7.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL		669255.3	4341441	8.23E-09	1YrCancerI	8.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

91	ALL	669476.7	4341441	9.39E-09	1YrCancerI	9.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	669698	4341441	1.10E-08	1YrCancerI	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	669919.3	4341441	1.48E-08	1YrCancerI	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	670140.6	4341441	1.19E-08	1YrCancerI	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	670361.9	4341441	1.10E-08	1YrCancerI	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	670583.2	4341441	1.04E-08	1YrCancerI	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	670804.5	4341441	1.38E-08	1YrCancerI	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	671025.8	4341441	1.29E-08	1YrCancerI	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	671689.8	4341441	6.13E-08	1YrCancerI	6.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	671911.1	4341441	2.88E-08	1YrCancerI	2.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	672132.4	4341441	8.83E-09	1YrCancerI	8.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	672353.7	4341441	8.54E-09	1YrCancerI	8.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	672575	4341441	1.44E-08	1YrCancerI	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	668148.8	4341606	4.89E-09	1YrCancerI	4.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	668370.1	4341606	5.41E-09	1YrCancerI	5.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	668591.4	4341606	6.00E-09	1YrCancerI	6.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	668812.7	4341606	6.67E-09	1YrCancerI	6.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	669034	4341606	7.44E-09	1YrCancerI	7.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	669255.3	4341606	8.41E-09	1YrCancerI	8.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	669476.7	4341606	9.64E-09	1YrCancerI	9.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	669698	4341606	1.12E-08	1YrCancerI	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	669919.3	4341606	1.38E-08	1YrCancerI	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	670140.6	4341606	1.29E-08	1YrCancerI	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	670361.9	4341606	1.02E-08	1YrCancerI	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	670583.2	4341606	1.14E-08	1YrCancerI	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	670804.5	4341606	2.07E-08	1YrCancerI	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	671025.8	4341606	2.32E-08	1YrCancerI	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	671689.8	4341606	7.85E-08	1YrCancerI	7.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	671911.1	4341606	3.65E-08	1YrCancerI	3.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	672132.4	4341606	1.48E-08	1YrCancerI	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	672353.7	4341606	1.15E-08	1YrCancerI	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	672575	4341606	1.53E-08	1YrCancerI	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	668148.8	4341771	4.80E-09	1YrCancerI	4.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	668370.1	4341771	5.50E-09	1YrCancerI	5.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	668591.4	4341771	5.97E-09	1YrCancerI	5.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	668812.7	4341771	6.69E-09	1YrCancerI	6.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	669034	4341771	7.59E-09	1YrCancerI	7.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	669255.3	4341771	8.65E-09	1YrCancerI	8.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	669476.7	4341771	9.78E-09	1YrCancerI	9.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	669698	4341771	1.34E-08	1YrCancerI	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	669919.3	4341771	1.26E-08	1YrCancerI	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	670140.6	4341771	1.11E-08	1YrCancerI	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	670361.9	4341771	9.05E-09	1YrCancerI	9.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	670583.2	4341771	1.43E-08	1YrCancerI	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	670804.5	4341771	4.00E-08	1YrCancerI	4.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	671025.8	4341771	7.75E-08	1YrCancerI	7.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	671689.8	4341771	6.56E-08	1YrCancerI	6.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	671911.1	4341771	3.80E-08	1YrCancerI	3.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	672132.4	4341771	1.24E-08	1YrCancerI	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	672353.7	4341771	7.97E-09	1YrCancerI	7.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	672575	4341771	1.52E-08	1YrCancerI	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	668148.8	4341936	4.61E-09	1YrCancerI	4.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	668370.1	4341936	5.23E-09	1YrCancerI	5.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	668591.4	4341936	6.00E-09	1YrCancerI	6.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	668812.7	4341936	6.80E-09	1YrCancerI	6.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	669034	4341936	7.74E-09	1YrCancerI	7.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	669255.3	4341936	8.66E-09	1YrCancerI	8.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	669476.7	4341936	1.21E-08	1YrCancerI	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	669698	4341936	1.08E-08	1YrCancerI	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	669919.3	4341936	8.01E-09	1YrCancerI	8.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	670140.6	4341936	8.60E-09	1YrCancerI	8.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	670361.9	4341936	1.06E-08	1YrCancerI	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	670583.2	4341936	2.55E-08	1YrCancerI	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	670804.5	4341936	4.63E-08	1YrCancerI	4.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	671468.4	4341936	1.50E-07	1YrCancerI	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	671689.8	4341936	4.67E-08	1YrCancerI	4.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	671911.1	4341936	2.93E-08	1YrCancerI	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	672132.4	4341936	1.17E-08	1YrCancerI	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	672353.7	4341936	7.33E-09	1YrCancerI	7.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	672575	4341936	1.63E-08	1YrCancerI	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	668148.8	4342101	4.69E-09	1YrCancerI	4.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	668370.1	4342101	5.40E-09	1YrCancerI	5.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	668591.4	4342101	6.14E-09	1YrCancerI	6.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	668812.7	4342101	6.90E-09	1YrCancerI	6.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	669034	4342101	7.81E-09	1YrCancerI	7.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	669255.3	4342101	8.85E-09	1YrCancerI	8.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	669476.7	4342101	1.22E-08	1YrCancerI	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	669698	4342101	1.34E-08	1YrCancerI	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	669919.3	4342101	1.40E-08	1YrCancerI	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	670140.6	4342101	1.18E-08	1YrCancerI	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	670361.9	4342101	2.38E-08	1YrCancerI	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	670583.2	4342101	3.41E-08	1YrCancerI	3.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	671468.4	4342101	6.98E-08	1YrCancerI	6.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	671689.8	4342101	3.23E-08	1YrCancerI	3.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	671911.1	4342101	2.38E-08	1YrCancerI	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	672132.4	4342101	1.30E-08	1YrCancerI	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	672353.7	4342101	7.91E-09	1YrCancerI	7.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	672575	4342101	1.58E-08	1YrCancerI	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	668148.8	4342266	4.74E-09	1YrCancerI	4.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	668370.1	4342266	5.45E-09	1YrCancerI	5.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	668591.4	4342266	5.83E-09	1YrCancerI	5.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

182	ALL	668812.7	4342266	6.64E-09	1YrCancerI	6.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	669034	4342266	7.62E-09	1YrCancerI	7.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	669255.3	4342266	8.93E-09	1YrCancerI	8.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	669476.7	4342266	1.05E-08	1YrCancerI	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	669698	4342266	1.22E-08	1YrCancerI	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	669919.3	4342266	1.45E-08	1YrCancerI	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	670140.6	4342266	1.76E-08	1YrCancerI	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	670361.9	4342266	2.49E-08	1YrCancerI	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	670583.2	4342266	5.62E-08	1YrCancerI	5.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	670804.5	4342266	6.43E-08	1YrCancerI	6.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	671025.8	4342266	9.76E-08	1YrCancerI	9.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	671247.1	4342266	1.30E-07	1YrCancerI	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	671468.4	4342266	4.90E-08	1YrCancerI	4.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	671689.8	4342266	2.72E-08	1YrCancerI	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	671911.1	4342266	1.83E-08	1YrCancerI	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	672132.4	4342266	1.71E-08	1YrCancerI	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	672353.7	4342266	1.30E-08	1YrCancerI	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	672575	4342266	1.38E-08	1YrCancerI	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	668148.8	4342431	4.43E-09	1YrCancerI	4.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	668370.1	4342431	5.16E-09	1YrCancerI	5.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	668591.4	4342431	5.48E-09	1YrCancerI	5.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	668812.7	4342431	6.14E-09	1YrCancerI	6.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	669034	4342431	7.07E-09	1YrCancerI	7.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	669255.3	4342431	8.61E-09	1YrCancerI	8.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	669476.7	4342431	1.12E-08	1YrCancerI	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	669698	4342431	1.44E-08	1YrCancerI	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	669919.3	4342431	1.64E-08	1YrCancerI	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	670140.6	4342431	2.37E-08	1YrCancerI	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	670361.9	4342431	5.38E-08	1YrCancerI	5.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	670583.2	4342431	3.58E-08	1YrCancerI	3.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	670804.5	4342431	4.81E-08	1YrCancerI	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	671025.8	4342431	7.71E-08	1YrCancerI	7.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	671247.1	4342431	4.71E-08	1YrCancerI	4.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	671468.4	4342431	3.26E-08	1YrCancerI	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	671689.8	4342431	2.01E-08	1YrCancerI	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	671911.1	4342431	1.48E-08	1YrCancerI	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	672132.4	4342431	1.56E-08	1YrCancerI	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	672353.7	4342431	1.52E-08	1YrCancerI	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	672575	4342431	1.29E-08	1YrCancerI	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	668148.8	4342596	4.47E-09	1YrCancerI	4.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	668370.1	4342596	4.86E-09	1YrCancerI	4.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	668591.4	4342596	5.41E-09	1YrCancerI	5.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	668812.7	4342596	6.10E-09	1YrCancerI	6.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	669034	4342596	7.19E-09	1YrCancerI	7.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	669255.3	4342596	9.40E-09	1YrCancerI	9.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	669476.7	4342596	1.89E-08	1YrCancerI	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	669698	4342596	3.73E-08	1YrCancerI	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	669919.3	4342596	3.72E-08	1YrCancerI	3.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	670140.6	4342596	4.12E-08	1YrCancerI	4.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	670361.9	4342596	2.99E-08	1YrCancerI	2.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	670583.2	4342596	2.72E-08	1YrCancerI	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	670804.5	4342596	4.45E-08	1YrCancerI	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	671025.8	4342596	5.79E-08	1YrCancerI	5.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	671247.1	4342596	4.49E-08	1YrCancerI	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	671468.4	4342596	2.21E-08	1YrCancerI	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	671689.8	4342596	1.38E-08	1YrCancerI	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	671911.1	4342596	9.90E-09	1YrCancerI	9.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	672132.4	4342596	1.04E-08	1YrCancerI	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	672353.7	4342596	1.52E-08	1YrCancerI	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	672575	4342596	1.18E-08	1YrCancerI	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	668148.8	4342761	4.55E-09	1YrCancerI	4.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	668370.1	4342761	5.05E-09	1YrCancerI	5.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	668591.4	4342761	5.44E-09	1YrCancerI	5.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	668812.7	4342761	6.21E-09	1YrCancerI	6.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	669034	4342761	7.48E-09	1YrCancerI	7.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	669255.3	4342761	1.05E-08	1YrCancerI	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	669476.7	4342761	3.37E-08	1YrCancerI	3.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	669698	4342761	1.75E-08	1YrCancerI	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	669919.3	4342761	2.04E-08	1YrCancerI	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	670140.6	4342761	2.42E-08	1YrCancerI	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	670361.9	4342761	2.90E-08	1YrCancerI	2.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	670583.2	4342761	2.38E-08	1YrCancerI	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	670804.5	4342761	3.31E-08	1YrCancerI	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	671025.8	4342761	3.58E-08	1YrCancerI	3.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	671247.1	4342761	2.26E-08	1YrCancerI	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	671468.4	4342761	1.70E-08	1YrCancerI	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	671689.8	4342761	1.20E-08	1YrCancerI	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	671911.1	4342761	7.95E-09	1YrCancerI	7.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	672132.4	4342761	7.59E-09	1YrCancerI	7.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	672353.7	4342761	1.47E-08	1YrCancerI	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	672575	4342761	1.20E-08	1YrCancerI	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	668148.8	4342926	4.52E-09	1YrCancerI	4.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	668370.1	4342926	4.97E-09	1YrCancerI	4.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	668591.4	4342926	5.55E-09	1YrCancerI	5.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	668812.7	4342926	6.18E-09	1YrCancerI	6.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	669034	4342926	7.33E-09	1YrCancerI	7.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	669476.7	4342926	2.08E-08	1YrCancerI	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	669698	4342926	1.42E-08	1YrCancerI	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	669919.3	4342926	1.78E-08	1YrCancerI	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	670140.6	4342926	2.30E-08	1YrCancerI	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	670361.9	4342926	2.58E-08	1YrCancerI	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

273	ALL	670583.2	4342926	3.00E-08	1YrCancerI	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	670804.5	4342926	3.51E-08	1YrCancerI	3.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	671025.8	4342926	1.64E-08	1YrCancerI	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	671247.1	4342926	1.72E-08	1YrCancerI	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	671468.4	4342926	1.27E-08	1YrCancerI	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	671689.8	4342926	9.82E-09	1YrCancerI	9.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	671911.1	4342926	7.06E-09	1YrCancerI	7.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	672132.4	4342926	5.34E-09	1YrCancerI	5.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	672353.7	4342926	7.62E-09	1YrCancerI	7.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	672575	4342926	1.18E-08	1YrCancerI	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	668148.8	4343090	4.26E-09	1YrCancerI	4.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	668370.1	4343090	4.73E-09	1YrCancerI	4.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	668591.4	4343090	5.48E-09	1YrCancerI	5.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	669476.7	4343090	1.22E-08	1YrCancerI	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	669698	4343090	1.23E-08	1YrCancerI	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	669919.3	4343090	1.37E-08	1YrCancerI	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	670140.6	4343090	1.77E-08	1YrCancerI	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	670361.9	4343090	1.72E-08	1YrCancerI	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	670583.2	4343090	1.88E-08	1YrCancerI	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	670804.5	4343090	2.74E-08	1YrCancerI	2.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	671025.8	4343090	1.32E-08	1YrCancerI	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	671247.1	4343090	1.32E-08	1YrCancerI	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	671468.4	4343090	1.05E-08	1YrCancerI	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	671689.8	4343090	8.08E-09	1YrCancerI	8.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	671911.1	4343090	6.13E-09	1YrCancerI	6.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	672132.4	4343090	4.84E-09	1YrCancerI	4.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	672353.7	4343090	3.82E-09	1YrCancerI	3.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	672575	4343090	4.49E-09	1YrCancerI	4.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	668148.8	4343255	4.29E-09	1YrCancerI	4.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	668370.1	4343255	4.94E-09	1YrCancerI	4.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	668591.4	4343255	5.32E-09	1YrCancerI	5.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	669476.7	4343255	1.05E-08	1YrCancerI	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	669698	4343255	1.16E-08	1YrCancerI	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	669919.3	4343255	1.28E-08	1YrCancerI	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	670140.6	4343255	1.41E-08	1YrCancerI	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	670361.9	4343255	1.48E-08	1YrCancerI	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	670583.2	4343255	1.57E-08	1YrCancerI	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	670804.5	4343255	1.78E-08	1YrCancerI	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	671025.8	4343255	1.14E-08	1YrCancerI	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	671247.1	4343255	1.04E-08	1YrCancerI	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	671468.4	4343255	9.21E-09	1YrCancerI	9.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	671689.8	4343255	6.86E-09	1YrCancerI	6.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	671911.1	4343255	5.35E-09	1YrCancerI	5.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	672132.4	4343255	4.40E-09	1YrCancerI	4.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	672353.7	4343255	3.69E-09	1YrCancerI	3.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	672575	4343255	2.96E-09	1YrCancerI	2.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	668148.8	4343420	4.32E-09	1YrCancerI	4.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	668370.1	4343420	4.96E-09	1YrCancerI	4.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	668591.4	4343420	5.82E-09	1YrCancerI	5.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	668812.7	4343420	6.40E-09	1YrCancerI	6.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	669034	4343420	7.10E-09	1YrCancerI	7.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	669255.3	4343420	7.76E-09	1YrCancerI	7.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	669476.7	4343420	8.99E-09	1YrCancerI	8.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	669698	4343420	1.01E-08	1YrCancerI	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	669919.3	4343420	1.10E-08	1YrCancerI	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	670140.6	4343420	1.16E-08	1YrCancerI	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	670361.9	4343420	1.26E-08	1YrCancerI	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	670583.2	4343420	1.35E-08	1YrCancerI	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	670804.5	4343420	1.54E-08	1YrCancerI	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	671025.8	4343420	2.01E-08	1YrCancerI	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	671247.1	4343420	1.20E-08	1YrCancerI	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	671468.4	4343420	7.69E-09	1YrCancerI	7.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	671689.8	4343420	6.13E-09	1YrCancerI	6.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	671911.1	4343420	4.76E-09	1YrCancerI	4.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	672132.4	4343420	3.88E-09	1YrCancerI	3.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	672353.7	4343420	3.19E-09	1YrCancerI	3.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	672575	4343420	2.71E-09	1YrCancerI	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	668148.8	4343585	4.35E-09	1YrCancerI	4.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	668370.1	4343585	4.63E-09	1YrCancerI	4.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	668591.4	4343585	4.95E-09	1YrCancerI	4.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	668812.7	4343585	5.60E-09	1YrCancerI	5.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	669034	4343585	6.38E-09	1YrCancerI	6.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	669255.3	4343585	7.22E-09	1YrCancerI	7.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	669476.7	4343585	8.06E-09	1YrCancerI	8.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	669698	4343585	8.58E-09	1YrCancerI	8.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	669919.3	4343585	9.37E-09	1YrCancerI	9.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	670140.6	4343585	1.02E-08	1YrCancerI	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	670361.9	4343585	1.12E-08	1YrCancerI	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	670583.2	4343585	1.21E-08	1YrCancerI	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	670804.5	4343585	1.32E-08	1YrCancerI	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	671025.8	4343585	1.40E-08	1YrCancerI	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	671247.1	4343585	1.17E-08	1YrCancerI	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	671468.4	4343585	7.87E-09	1YrCancerI	7.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	671689.8	4343585	6.17E-09	1YrCancerI	6.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	671911.1	4343585	4.65E-09	1YrCancerI	4.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	672132.4	4343585	3.81E-09	1YrCancerI	3.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	672353.7	4343585	3.04E-09	1YrCancerI	3.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	672575	4343585	2.64E-09	1YrCancerI	2.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	668148.8	4343750	4.12E-09	1YrCancerI	4.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	668370.1	4343750	4.55E-09	1YrCancerI	4.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	668591.4	4343750	4.97E-09	1YrCancerI	4.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

364	ALL	668812.7	4343750	5.39E-09	1YrCancerI	5.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	669034	4343750	6.24E-09	1YrCancerI	6.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	669255.3	4343750	6.94E-09	1YrCancerI	6.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	669476.7	4343750	7.48E-09	1YrCancerI	7.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	669698	4343750	8.01E-09	1YrCancerI	8.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	669919.3	4343750	8.61E-09	1YrCancerI	8.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	670140.6	4343750	9.33E-09	1YrCancerI	9.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	670361.9	4343750	1.02E-08	1YrCancerI	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	670583.2	4343750	1.08E-08	1YrCancerI	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	670804.5	4343750	1.15E-08	1YrCancerI	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	671025.8	4343750	1.20E-08	1YrCancerI	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	671247.1	4343750	1.34E-08	1YrCancerI	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	671468.4	4343750	1.34E-08	1YrCancerI	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	671689.8	4343750	1.35E-08	1YrCancerI	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	671911.1	4343750	8.37E-09	1YrCancerI	8.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	672132.4	4343750	4.23E-09	1YrCancerI	4.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	672353.7	4343750	3.15E-09	1YrCancerI	3.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	672575	4343750	2.72E-09	1YrCancerI	2.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	668148.8	4343915	3.94E-09	1YrCancerI	3.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	668370.1	4343915	4.42E-09	1YrCancerI	4.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	668591.4	4343915	4.87E-09	1YrCancerI	4.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	668812.7	4343915	5.33E-09	1YrCancerI	5.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	669034	4343915	5.93E-09	1YrCancerI	5.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	669255.3	4343915	6.61E-09	1YrCancerI	6.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	669476.7	4343915	7.08E-09	1YrCancerI	7.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	669698	4343915	7.47E-09	1YrCancerI	7.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	669919.3	4343915	7.98E-09	1YrCancerI	7.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	670140.6	4343915	8.67E-09	1YrCancerI	8.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	670361.9	4343915	9.15E-09	1YrCancerI	9.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	670583.2	4343915	9.90E-09	1YrCancerI	9.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	670804.5	4343915	1.04E-08	1YrCancerI	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	671025.8	4343915	1.06E-08	1YrCancerI	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	671247.1	4343915	1.07E-08	1YrCancerI	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	671468.4	4343915	1.24E-08	1YrCancerI	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	671689.8	4343915	1.21E-08	1YrCancerI	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	671911.1	4343915	7.11E-09	1YrCancerI	7.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	672132.4	4343915	5.92E-09	1YrCancerI	5.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	672353.7	4343915	4.31E-09	1YrCancerI	4.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	672575	4343915	3.33E-09	1YrCancerI	3.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	668148.8	4344080	3.90E-09	1YrCancerI	3.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	668370.1	4344080	4.24E-09	1YrCancerI	4.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	668591.4	4344080	4.68E-09	1YrCancerI	4.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	668812.7	4344080	5.14E-09	1YrCancerI	5.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	669034	4344080	5.68E-09	1YrCancerI	5.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	669255.3	4344080	6.21E-09	1YrCancerI	6.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	669476.7	4344080	6.58E-09	1YrCancerI	6.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	669698	4344080	7.00E-09	1YrCancerI	7.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	669919.3	4344080	7.48E-09	1YrCancerI	7.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	670140.6	4344080	8.18E-09	1YrCancerI	8.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	670361.9	4344080	8.35E-09	1YrCancerI	8.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	670583.2	4344080	9.01E-09	1YrCancerI	9.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	670804.5	4344080	9.43E-09	1YrCancerI	9.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	671025.8	4344080	1.34E-08	1YrCancerI	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	671247.1	4344080	9.68E-09	1YrCancerI	9.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	671468.4	4344080	8.59E-09	1YrCancerI	8.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	671689.8	4344080	8.42E-09	1YrCancerI	8.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	671911.1	4344080	4.15E-09	1YrCancerI	4.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	672132.4	4344080	3.39E-09	1YrCancerI	3.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	672353.7	4344080	3.13E-09	1YrCancerI	3.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	672575	4344080	2.68E-09	1YrCancerI	2.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	671464.7	4342094	7.35E-08	1YrCancerI	7.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	671482.2	4342064	7.64E-08	1YrCancerI	7.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	671498.6	4342030	7.92E-08	1YrCancerI	7.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	671513.8	4341992	8.45E-08	1YrCancerI	8.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	671541.8	4341965	7.98E-08	1YrCancerI	7.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	671575.6	4341974	6.28E-08	1YrCancerI	6.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	671460.8	4342163	5.97E-08	1YrCancerI	5.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	671451	4342187	5.84E-08	1YrCancerI	5.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	671510.7	4342220	4.48E-08	1YrCancerI	4.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	671524.1	4342193	4.42E-08	1YrCancerI	4.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	671522.9	4342251	4.14E-08	1YrCancerI	4.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	671599.1	4342253	3.32E-08	1YrCancerI	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	671627.8	4342257	3.10E-08	1YrCancerI	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	671583.9	4342116	3.90E-08	1YrCancerI	3.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	671595.5	4342072	4.09E-08	1YrCancerI	4.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	671663.1	4342056	3.61E-08	1YrCancerI	3.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	671600.9	4342030	4.62E-08	1YrCancerI	4.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	671526.6	4342156	4.57E-08	1YrCancerI	4.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	671629	4342292	3.00E-08	1YrCancerI	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	671641.8	4341981	4.65E-08	1YrCancerI	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	671666.8	4342019	3.92E-08	1YrCancerI	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	671407.1	4342220	6.59E-08	1YrCancerI	6.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	671415.6	4342183	7.06E-08	1YrCancerI	7.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	671635.1	4341706	1.00E-07	1YrCancerI	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	671693.6	4341710	7.62E-08	1YrCancerI	7.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	671719.8	4341736	6.89E-08	1YrCancerI	6.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	671673.5	4341630	8.49E-08	1YrCancerI	8.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	671888	4341936	3.22E-08	1YrCancerI	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	671977.6	4341952	2.17E-08	1YrCancerI	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	672039.2	4341895	1.65E-08	1YrCancerI	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	671858.2	4341754	4.67E-08	1YrCancerI	4.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

455	ALL	671922.8	4341634	3.57E-08	1YrCancerI	3.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	671613.7	4341791	8.94E-08	1YrCancerI	8.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	671853.3	4341731	4.71E-08	1YrCancerI	4.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	671783.8	4341586	5.40E-08	1YrCancerI	5.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	671783.2	4341547	5.21E-08	1YrCancerI	5.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	671769.2	4341461	4.90E-08	1YrCancerI	4.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	671800.9	4341421	4.58E-08	1YrCancerI	4.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	671880.1	4341427	3.43E-08	1YrCancerI	3.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	672012.4	4341505	1.27E-08	1YrCancerI	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	672084.3	4341548	1.38E-08	1YrCancerI	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	671915.5	4341478	2.89E-08	1YrCancerI	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	671903.3	4341564	3.59E-08	1YrCancerI	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	671863.1	4341522	4.10E-08	1YrCancerI	4.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	671830.1	4341336	4.33E-08	1YrCancerI	4.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	671835.6	4341288	4.20E-08	1YrCancerI	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	671825.9	4341275	4.32E-08	1YrCancerI	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	672136.7	4341371	7.67E-09	1YrCancerI	7.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	671920.3	4341307	2.40E-08	1YrCancerI	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	671695.4	4341257	4.30E-08	1YrCancerI	4.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	671682	4341176	2.85E-08	1YrCancerI	2.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	671991.7	4341196	2.28E-08	1YrCancerI	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	672022.1	4341232	1.71E-08	1YrCancerI	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	671992.3	4341178	1.79E-08	1YrCancerI	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	671540.6	4341238	1.72E-08	1YrCancerI	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	671575.3	4341178	1.41E-08	1YrCancerI	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	671454.7	4341196	1.46E-08	1YrCancerI	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	671523.5	4341116	1.19E-08	1YrCancerI	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	671413.2	4341127	1.22E-08	1YrCancerI	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	671471.1	4341065	1.07E-08	1YrCancerI	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	671601.6	4341051	1.65E-08	1YrCancerI	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	671198.6	4341254	1.04E-08	1YrCancerI	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	671278.5	4341212	1.17E-08	1YrCancerI	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	671230.3	4341133	9.08E-09	1YrCancerI	9.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	671073.1	4341272	8.96E-09	1YrCancerI	8.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	671122.5	4341374	1.25E-08	1YrCancerI	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	671118.8	4341397	1.34E-08	1YrCancerI	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	670978.4	4341324	9.90E-09	1YrCancerI	9.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	670932.9	4341394	1.18E-08	1YrCancerI	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	670935.2	4341367	1.11E-08	1YrCancerI	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	671108	4340976	7.55E-09	1YrCancerI	7.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL	671286.7	4340979	8.18E-09	1YrCancerI	8.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	671675.4	4342489	1.78E-08	1YrCancerI	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	671091.4	4342277	1.13E-07	1YrCancerI	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	671051.8	4342332	8.19E-08	1YrCancerI	8.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	671051.8	4342369	8.30E-08	1YrCancerI	8.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	670953	4342361	7.18E-08	1YrCancerI	7.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	670695.7	4342236	5.80E-08	1YrCancerI	5.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	670545.5	4342319	5.24E-08	1YrCancerI	5.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	670711.7	4342488	4.20E-08	1YrCancerI	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	670648.3	4342502	3.50E-08	1YrCancerI	3.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	670648.3	4342631	2.02E-08	1YrCancerI	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	670806.3	4342728	3.33E-08	1YrCancerI	3.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	670688.2	4342739	1.86E-08	1YrCancerI	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	670804.9	4342428	4.83E-08	1YrCancerI	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	670439.5	4342472	4.26E-08	1YrCancerI	4.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	670358.4	4342579	3.15E-08	1YrCancerI	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	670546.6	4342662	3.06E-08	1YrCancerI	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	670537	4342595	3.06E-08	1YrCancerI	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	670483.5	4342777	2.79E-08	1YrCancerI	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	670508.2	4342755	2.80E-08	1YrCancerI	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	670517.8	4342869	2.84E-08	1YrCancerI	2.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	670545.3	4342851	2.60E-08	1YrCancerI	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	670582.4	4342878	2.83E-08	1YrCancerI	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	670304.9	4342689	2.44E-08	1YrCancerI	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	670039.7	4342661	3.47E-08	1YrCancerI	3.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	670156.5	4342673	2.59E-08	1YrCancerI	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	670236.2	4342649	2.67E-08	1YrCancerI	2.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	670071.3	4342738	2.21E-08	1YrCancerI	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	669990.2	4342753	2.17E-08	1YrCancerI	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	669928.4	4342742	2.18E-08	1YrCancerI	2.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	669815.8	4342673	2.44E-08	1YrCancerI	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	669743	4342656	2.42E-08	1YrCancerI	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	669791	4342745	1.87E-08	1YrCancerI	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	669696.3	4342731	1.86E-08	1YrCancerI	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	669536.9	4342553	1.96E-08	1YrCancerI	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	669228.6	4343290	9.06E-09	1YrCancerI	9.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	669170.4	4343325	8.23E-09	1YrCancerI	8.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	669284.8	4343340	9.02E-09	1YrCancerI	9.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	669324.1	4343251	9.49E-09	1YrCancerI	9.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	669359.8	4343290	9.58E-09	1YrCancerI	9.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	669370.4	4343387	9.01E-09	1YrCancerI	9.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	669423.9	4343410	9.02E-09	1YrCancerI	9.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	669488.1	4343420	9.04E-09	1YrCancerI	9.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	669649.9	4343378	1.02E-08	1YrCancerI	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	669720.5	4343374	1.07E-08	1YrCancerI	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	669770.4	4343323	1.16E-08	1YrCancerI	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	669764	4343211	1.18E-08	1YrCancerI	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	669764.7	4343112	1.24E-08	1YrCancerI	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	669888.7	4343142	1.29E-08	1YrCancerI	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	669888.7	4343250	1.26E-08	1YrCancerI	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	669864.5	4343261	1.26E-08	1YrCancerI	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

546	ALL	669088.8	4343481	6.90E-09	1YrCancerI	6.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	668973.4	4343427	7.02E-09	1YrCancerI	7.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	669006.2	4343427	7.10E-09	1YrCancerI	7.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	668940.6	4343516	6.18E-09	1YrCancerI	6.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	668922	4343557	6.04E-09	1YrCancerI	6.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	668475.6	4343142	5.13E-09	1YrCancerI	5.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	668572	4343208	5.32E-09	1YrCancerI	5.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	668567	4343041	5.50E-09	1YrCancerI	5.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	669299	4342841	1.43E-08	1YrCancerI	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	669377.8	4342728	1.89E-08	1YrCancerI	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	669384.5	4342770	2.44E-08	1YrCancerI	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	669341.7	4342653	1.24E-08	1YrCancerI	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	669307.3	4342655	1.12E-08	1YrCancerI	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL	670048.3	4342946	2.12E-08	1YrCancerI	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL	670299.6	4342854	2.53E-08	1YrCancerI	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	670426.4	4342917	2.85E-08	1YrCancerI	2.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	ALL	671174.9	4342280	1.34E-07	1YrCancerI	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL	671068.4	4342170	1.92E-07	1YrCancerI	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL	670965.7	4342179	1.50E-07	1YrCancerI	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	ALL	670815.5	4342198	6.96E-08	1YrCancerI	6.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL	670737.6	4342098	4.52E-08	1YrCancerI	4.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL	670762.3	4342069	4.45E-08	1YrCancerI	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL	670817.4	4342041	4.91E-08	1YrCancerI	4.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	ALL	670895.4	4342025	6.18E-08	1YrCancerI	6.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL	670979	4341915	7.77E-08	1YrCancerI	7.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL	671115.9	4341864	1.58E-07	1YrCancerI	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	ALL	671199.6	4341771	2.52E-07	1YrCancerI	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	ALL	671222.4	4341377	1.82E-08	1YrCancerI	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	ALL	671714.8	4341392	5.56E-08	1YrCancerI	5.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	ALL	671366.9	4341999	3.51E-07	1YrCancerI	3.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL	671226.2	4342236	1.58E-07	1YrCancerI	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	ALL	669098.4	4343412	7.23E-09	1YrCancerI	7.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	ALL	668908.6	4343365	6.81E-09	1YrCancerI	6.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	ALL	668851.5	4343360	6.51E-09	1YrCancerI	6.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	ALL	668831.4	4343371	6.58E-09	1YrCancerI	6.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	ALL	668733.9	4343302	5.74E-09	1YrCancerI	5.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	ALL	668686.9	4343200	5.60E-09	1YrCancerI	5.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	ALL	668671.8	4343089	5.63E-09	1YrCancerI	5.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL	668806.2	4343002	6.04E-09	1YrCancerI	6.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	ALL	668918.7	4343025	6.53E-09	1YrCancerI	6.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586	ALL	669024.5	4342943	7.20E-09	1YrCancerI	7.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	ALL	669288.2	4342916	1.54E-08	1YrCancerI	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL	669333.6	4342923	2.81E-08	1YrCancerI	2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	ALL	669365.5	4342978	2.20E-08	1YrCancerI	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	ALL	669337	4343151	1.02E-08	1YrCancerI	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL	669303.4	4343304	9.17E-09	1YrCancerI	9.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	ALL	669222.7	4343235	8.71E-09	1YrCancerI	8.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	ALL	669135.4	4343306	7.88E-09	1YrCancerI	7.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		668148.8	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		668370.1	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		668591.4	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		668812.7	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		669034	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		669255.3	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		669476.7	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		669698	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		669919.3	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		670140.6	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		670361.9	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		670583.2	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		670804.5	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		671025.8	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		671247.1	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		671468.4	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		671689.8	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		671911.1	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		672132.4	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		672353.7	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		672575	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		668148.8	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		668370.1	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		668591.4	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		668812.7	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		669034	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		669255.3	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		669476.7	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		669698	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		669919.3	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		670140.6	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		670361.9	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		670583.2	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		670804.5	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		671025.8	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		671247.1	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		671468.4	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		671689.8	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		671911.1	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		672132.4	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		672353.7	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		672575	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		668148.8	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		668370.1	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		668591.4	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		668812.7	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		669034	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		669255.3	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		669476.7	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		669698	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		669919.3	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		670140.6	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		670361.9	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		670583.2	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		670804.5	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		671025.8	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		671247.1	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		671468.4	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		671689.8	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		671911.1	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		672132.4	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		672353.7	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		672575	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		668148.8	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL		668370.1	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL		668591.4	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL		668812.7	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		669034	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		669255.3	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		669476.7	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL		669698	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL		669919.3	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		670140.6	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL		670361.9	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL		670583.2	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL		670804.5	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		671025.8	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL		671247.1	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL		671468.4	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL		671689.8	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		671911.1	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		672132.4	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		672353.7	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL		672575	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		668148.8	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL		668370.1	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL		668591.4	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL		668812.7	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL		669034	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL		669255.3	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL		669476.7	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL		669698	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL		669919.3	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL		670140.6	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL		670361.9	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL		670583.2	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL		670804.5	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL		671025.8	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

99	ALL	671689.8	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	671911.1	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	672132.4	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	672353.7	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	672575	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	668148.8	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	668370.1	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	668591.4	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	668812.7	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	669034	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	669255.3	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	669476.7	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	669698	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	669919.3	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	670140.6	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	670361.9	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	670583.2	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	670804.5	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	671025.8	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	671689.8	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	671911.1	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	672132.4	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	672353.7	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	672575	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	668148.8	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	668370.1	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	668591.4	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	668812.7	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	669034	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	669255.3	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	669476.7	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	669698	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	669919.3	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	670140.6	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	670361.9	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	670583.2	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	670804.5	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	671025.8	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	671689.8	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	671911.1	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	672132.4	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	672353.7	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	672575	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	668148.8	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	668370.1	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	668591.4	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	668812.7	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	669034	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	669255.3	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	669476.7	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	669698	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	669919.3	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	670140.6	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	670361.9	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	670583.2	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	670804.5	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	671468.4	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	671689.8	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	671911.1	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	672132.4	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	672353.7	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	672575	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	668148.8	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	668370.1	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	668591.4	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	668812.7	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	669034	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	669255.3	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	669476.7	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	669698	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	669919.3	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	670140.6	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	670361.9	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	670583.2	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	671468.4	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	671689.8	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	671911.1	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	672132.4	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	672353.7	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	672575	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	668148.8	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	668370.1	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	668591.4	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL	668812.7	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	669034	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	669255.3	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	669476.7	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	669698	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	669919.3	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	670140.6	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	670361.9	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	670583.2	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	670804.5	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	671025.8	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	671247.1	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	671468.4	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	671689.8	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	671911.1	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	672132.4	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

198	ALL	672353.7	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	672575	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	668148.8	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	668370.1	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	668591.4	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	668812.7	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	669034	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	669255.3	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	669476.7	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	669698	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	669919.3	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	670140.6	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	670361.9	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	670583.2	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	670804.5	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	671025.8	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	671247.1	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	671468.4	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	671689.8	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	671911.1	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	672132.4	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	672353.7	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	672575	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	668148.8	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	668370.1	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	668591.4	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	668812.7	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	669034	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	669255.3	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	669476.7	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	669698	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	669919.3	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	670140.6	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	670361.9	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	670583.2	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	670804.5	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	671025.8	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	671247.1	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	671468.4	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	671689.8	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	671911.1	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	672132.4	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	672353.7	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	672575	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	668148.8	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	668370.1	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	668591.4	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	668812.7	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	669034	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	669255.3	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	669476.7	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	669698	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	669919.3	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	670140.6	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	670361.9	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	670583.2	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	670804.5	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	671025.8	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	671247.1	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	671468.4	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	671689.8	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	671911.1	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	672132.4	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	672353.7	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	672575	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	668148.8	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	668370.1	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	668591.4	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	668812.7	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	669034	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	669476.7	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	669698	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	669919.3	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	670140.6	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	670361.9	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL	670583.2	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	670804.5	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	671025.8	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	671247.1	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	671468.4	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	671689.8	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	671911.1	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	672132.4	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	672353.7	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	672575	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	668148.8	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	668370.1	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	668591.4	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	669476.7	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	669698	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	669919.3	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	670140.6	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	670361.9	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	670583.2	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	670804.5	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	671025.8	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	671247.1	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	671468.4	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	671689.8	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

297	ALL	671911.1	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	672132.4	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	672353.7	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	672575	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	668148.8	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	668370.1	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	668591.4	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	669476.7	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	669698	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	669919.3	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	670140.6	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	670361.9	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	670583.2	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	670804.5	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	671025.8	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	671247.1	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	671468.4	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	671689.8	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	671911.1	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	672132.4	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	672353.7	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	672575	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	668148.8	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	668370.1	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	668591.4	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	668812.7	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	669034	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	669255.3	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	669476.7	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	669698	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	669919.3	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	670140.6	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	670361.9	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	670583.2	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	670804.5	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	671025.8	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	671247.1	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	671468.4	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	671689.8	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	671911.1	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	672132.4	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	672353.7	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	672575	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	668148.8	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	668370.1	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	668591.4	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	668812.7	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	669034	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	669255.3	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	669476.7	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	669698	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	669919.3	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	670140.6	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	670361.9	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	670583.2	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	670804.5	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	671025.8	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	671247.1	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	671468.4	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	671689.8	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	671911.1	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	672132.4	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	672353.7	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	672575	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	668148.8	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	668370.1	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	668591.4	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL	668812.7	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	669034	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	669255.3	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	669476.7	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	669698	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	669919.3	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	670140.6	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	670361.9	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	670583.2	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	670804.5	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	671025.8	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	671247.1	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	671468.4	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	671689.8	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	671911.1	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	672132.4	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	672353.7	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	672575	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	668148.8	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	668370.1	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	668591.4	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	668812.7	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	669034	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	669255.3	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	669476.7	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	669698	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	669919.3	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	670140.6	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	670361.9	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	670583.2	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	670804.5	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	671025.8	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

396	ALL	671247.1	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	671468.4	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	671689.8	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	671911.1	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	672132.4	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	672353.7	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	672575	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	668148.8	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	668370.1	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	668591.4	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	668812.7	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	669034	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	669255.3	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	669476.7	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	669698	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	669919.3	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	670140.6	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	670361.9	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	670583.2	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	670804.5	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	671025.8	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	671247.1	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	671468.4	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	671689.8	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	671911.1	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	672132.4	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	672353.7	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	672575	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	671464.7	4342094	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	671482.2	4342064	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	671498.6	4342030	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	671513.8	4341992	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	671541.8	4341965	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	671575.6	4341974	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	671460.8	4342163	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	671451	4342187	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	671510.7	4342220	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	671524.1	4342193	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	671522.9	4342251	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	671599.1	4342253	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	671627.8	4342257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	671583.9	4342116	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	671595.5	4342072	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	671663.1	4342056	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	671600.9	4342030	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	671526.6	4342156	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	671629	4342292	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	671641.8	4341981	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	671666.8	4342019	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	671407.1	4342220	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	671415.6	4342183	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	671635.1	4341706	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	671693.6	4341710	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	671719.8	4341736	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	671673.5	4341630	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	671888	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	671977.6	4341952	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	672039.2	4341895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	671858.2	4341754	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL	671922.8	4341634	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	671613.7	4341791	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	671853.3	4341731	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	671783.8	4341586	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	671783.2	4341547	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	671769.2	4341461	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	671800.9	4341421	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	671880.1	4341427	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	672012.4	4341505	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	672084.3	4341548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	671915.5	4341478	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	671903.3	4341564	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	671863.1	4341522	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	671830.1	4341336	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	671835.6	4341288	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	671825.9	4341275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	672136.7	4341371	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	671920.3	4341307	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	671695.4	4341257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	671682	4341176	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	671991.7	4341196	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	672022.1	4341232	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	671992.3	4341178	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	671540.6	4341238	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	671575.3	4341178	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	671454.7	4341196	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	671523.5	4341116	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	671413.2	4341127	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	671471.1	4341065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	671601.6	4341051	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	671198.6	4341254	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	671278.5	4341212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	671230.3	4341133	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	671073.1	4341272	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	671122.5	4341374	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	671118.8	4341397	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	670978.4	4341324	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	670932.9	4341394	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	670935.2	4341367	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	671108	4340976	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

495	ALL	671286.7	4340979	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	671675.4	4342489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	671091.4	4342277	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	671051.8	4342332	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	671051.8	4342369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	670953	4342361	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	670695.7	4342236	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	670545.5	4342319	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	670711.7	4342488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	670648.3	4342502	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	670648.3	4342631	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	670806.3	4342728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	670688.2	4342739	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	670804.9	4342428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	670439.5	4342472	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	670358.4	4342579	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	670546.6	4342662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	670537	4342595	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	670483.5	4342777	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	670508.2	4342755	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	670517.8	4342869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	670545.3	4342851	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	670582.4	4342878	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	670304.9	4342689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	670039.7	4342661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	670156.5	4342673	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	670236.2	4342649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	670071.3	4342738	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	669990.2	4342753	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	669928.4	4342742	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	669815.8	4342673	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	669743	4342656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	669791	4342745	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	669696.3	4342731	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	669536.9	4342553	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	669228.6	4343290	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	669170.4	4343325	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	669284.8	4343340	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	669324.1	4343251	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	669359.8	4343290	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	669370.4	4343387	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	669423.9	4343410	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	669488.1	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	669649.9	4343378	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	669720.5	4343374	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	669770.4	4343323	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	669764	4343211	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	669764.7	4343112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	669888.7	4343142	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	669888.7	4343250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	669864.5	4343261	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	ALL	669088.8	4343481	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	668973.4	4343427	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	669006.2	4343427	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	668940.6	4343516	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	668922	4343557	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	668475.6	4343142	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	668572	4343208	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	668567	4343041	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	669299	4342841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	669377.8	4342728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	669384.5	4342770	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	669341.7	4342653	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	669307.3	4342655	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL	670048.3	4342946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL	670299.6	4342854	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	670426.4	4342917	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	ALL	671174.9	4342280	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL	671068.4	4342170	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL	670965.7	4342179	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	ALL	670815.5	4342198	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL	670737.6	4342098	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL	670762.3	4342069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL	670817.4	4342041	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	ALL	670895.4	4342025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL	670979	4341915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL	671115.9	4341864	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	ALL	671199.6	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	ALL	671222.4	4341377	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	ALL	671714.8	4341392	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	ALL	671366.9	4341999	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL	671226.2	4342236	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	ALL	669098.4	4343412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	ALL	668908.6	4343365	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	ALL	668851.5	4343360	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	ALL	668831.4	4343371	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	ALL	668733.9	4343302	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	ALL	668686.9	4343200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	ALL	668671.8	4343089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL	668806.2	4343002	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	ALL	668918.7	4343025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586	ALL	669024.5	4342943	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	ALL	669288.2	4342916	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL	669333.6	4342923	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	ALL	669365.5	4342978	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	ALL	669337	4343151	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL	669303.4	4343304	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	ALL	669222.7	4343235	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	ALL	669135.4	4343306	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEV	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		668148.8	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-02
2	ALL		668370.1	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-02
3	ALL		668591.4	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-02
4	ALL		668812.7	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-02
5	ALL		669034	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-02
6	ALL		669255.3	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-02
7	ALL		669476.7	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-02
8	ALL		669698	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-02
9	ALL		669919.3	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-02
10	ALL		670140.6	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01
11	ALL		670361.9	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-02
12	ALL		670583.2	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-02
13	ALL		670804.5	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-02
14	ALL		671025.8	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-02
15	ALL		671247.1	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-02
16	ALL		671468.4	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-02
17	ALL		671689.8	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-01
18	ALL		671911.1	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-01
19	ALL		672132.4	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-02
20	ALL		672353.7	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01
21	ALL		672575	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-01
22	ALL		668148.8	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-02
23	ALL		668370.1	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-02
24	ALL		668591.4	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-02
25	ALL		668812.7	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-02
26	ALL		669034	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-02
27	ALL		669255.3	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-02
28	ALL		669476.7	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-02
29	ALL		669698	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-02
30	ALL		669919.3	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01
31	ALL		670140.6	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01
32	ALL		670361.9	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-01
33	ALL		670583.2	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01
34	ALL		670804.5	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-02
35	ALL		671025.8	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-02
36	ALL		671247.1	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-02
37	ALL		671468.4	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-02
38	ALL		671689.8	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-01
39	ALL		671911.1	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-01
40	ALL		672132.4	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-02
41	ALL		672353.7	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-02
42	ALL		672575	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-01
43	ALL		668148.8	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-02
44	ALL		668370.1	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-02
45	ALL		668591.4	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-02
46	ALL		668812.7	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-02
47	ALL		669034	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-02
48	ALL		669255.3	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-02
49	ALL		669476.7	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-02
50	ALL		669698	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-02
51	ALL		669919.3	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-02
52	ALL		670140.6	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-01
53	ALL		670361.9	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01
54	ALL		670583.2	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-02
55	ALL		670804.5	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-02
56	ALL		671025.8	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-02
57	ALL		671247.1	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-02
58	ALL		671468.4	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-02
59	ALL		671689.8	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-01
60	ALL		671911.1	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-01
61	ALL		672132.4	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-02
62	ALL		672353.7	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-02
63	ALL		672575	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-01
64	ALL		668148.8	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-02
65	ALL		668370.1	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-02
66	ALL		668591.4	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-02
67	ALL		668812.7	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-02
68	ALL		669034	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-02
69	ALL		669255.3	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-02
70	ALL		669476.7	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-02
71	ALL		669698	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-02
72	ALL		669919.3	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01
73	ALL		670140.6	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.39E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.39E-02
74	ALL		670361.9	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
75	ALL		670583.2	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-02
76	ALL		670804.5	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-02
77	ALL		671025.8	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-02
78	ALL		671247.1	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-02
79	ALL		671468.4	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-01
80	ALL		671689.8	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-01
81	ALL		671911.1	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-01
82	ALL		672132.4	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-02
83	ALL		672353.7	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-02
84	ALL		672575	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01
85	ALL		668148.8	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-02
86	ALL		668370.1	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-02
87	ALL		668591.4	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02
88	ALL		668812.7	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-02
89	ALL		669034	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-02
90	ALL		669255.3	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-02
91	ALL		669476.7	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-02
92	ALL		669698	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-02
93	ALL		669919.3	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-01
94	ALL		670140.6	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-02
95	ALL		670361.9	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-02
96	ALL		670583.2	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-02
97	ALL		670804.5	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-02
98	ALL		671025.8	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-02

99	ALL	671689.8	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-01
100	ALL	671911.1	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-01
101	ALL	672132.4	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-02
102	ALL	672353.7	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-02
103	ALL	672575	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01
104	ALL	668148.8	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-02
105	ALL	668370.1	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
106	ALL	668591.4	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-02
107	ALL	668812.7	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-02
108	ALL	669034	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-02
109	ALL	669255.3	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-02
110	ALL	669476.7	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-02
111	ALL	669698	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
112	ALL	669919.3	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01
113	ALL	670140.6	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-02
114	ALL	670361.9	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-02
115	ALL	670583.2	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-02
116	ALL	670804.5	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-02
117	ALL	671025.8	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-02
118	ALL	671689.8	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-01
119	ALL	671911.1	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-01
120	ALL	672132.4	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-02
121	ALL	672353.7	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-02
122	ALL	672575	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01
123	ALL	668148.8	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-02
124	ALL	668370.1	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-02
125	ALL	668591.4	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-02
126	ALL	668812.7	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-02
127	ALL	669034	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-02
128	ALL	669255.3	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-02
129	ALL	669476.7	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.47E-02
130	ALL	669698	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
131	ALL	669919.3	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-02
132	ALL	670140.6	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-02
133	ALL	670361.9	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-02
134	ALL	670583.2	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-02
135	ALL	670804.5	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-01
136	ALL	671025.8	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-01
137	ALL	671689.8	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-01
138	ALL	671911.1	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-01
139	ALL	672132.4	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-02
140	ALL	672353.7	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-02
141	ALL	672575	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01
142	ALL	668148.8	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-02
143	ALL	668370.1	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-02
144	ALL	668591.4	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-02
145	ALL	668812.7	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-02
146	ALL	669034	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-02
147	ALL	669255.3	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-02
148	ALL	669476.7	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-02
149	ALL	669698	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-02
150	ALL	669919.3	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02
151	ALL	670140.6	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02
152	ALL	670361.9	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-02
153	ALL	670583.2	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-01
154	ALL	670804.5	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-01
155	ALL	671468.4	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-01
156	ALL	671689.8	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
157	ALL	671911.1	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01
158	ALL	672132.4	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-02
159	ALL	672353.7	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-02
160	ALL	672575	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-01
161	ALL	668148.8	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-02
162	ALL	668370.1	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-02
163	ALL	668591.4	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-02
164	ALL	668812.7	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-02
165	ALL	669034	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-02
166	ALL	669255.3	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-02
167	ALL	669476.7	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.89E-02
168	ALL	669698	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-01
169	ALL	669919.3	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-01
170	ALL	670140.6	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-02
171	ALL	670361.9	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-01
172	ALL	670583.2	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-01
173	ALL	671468.4	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-02
174	ALL	671689.8	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-02
175	ALL	671911.1	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01
176	ALL	672132.4	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-02
177	ALL	672353.7	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-02
178	ALL	672575	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-01
179	ALL	668148.8	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-02
180	ALL	668370.1	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-02
181	ALL	668591.4	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-02
182	ALL	668812.7	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-02
183	ALL	669034	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-02
184	ALL	669255.3	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-02
185	ALL	669476.7	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-02
186	ALL	669698	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-02
187	ALL	669919.3	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01
188	ALL	670140.6	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-01
189	ALL	670361.9	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-01
190	ALL	670583.2	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-01
191	ALL	670804.5	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-01
192	ALL	671025.8	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-01
193	ALL	671247.1	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-01
194	ALL	671468.4	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.52E-02
195	ALL	671689.8	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02
196	ALL	671911.1	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-02
197	ALL	672132.4	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-02

198	ALL	672353.7	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-02
199	ALL	672575	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-02
200	ALL	668148.8	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-02
201	ALL	668370.1	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-02
202	ALL	668591.4	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-02
203	ALL	668812.7	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-02
204	ALL	669034	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-02
205	ALL	669255.3	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-02
206	ALL	669476.7	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-02
207	ALL	669698	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-02
208	ALL	669919.3	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-02
209	ALL	670140.6	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-01
210	ALL	670361.9	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-01
211	ALL	670583.2	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-01
212	ALL	670804.5	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-01
213	ALL	671025.8	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-01
214	ALL	671247.1	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-01
215	ALL	671468.4	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-02
216	ALL	671689.8	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-02
217	ALL	671911.1	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-02
218	ALL	672132.4	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.51E-02
219	ALL	672353.7	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-01
220	ALL	672575	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-02
221	ALL	668148.8	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-02
222	ALL	668370.1	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-02
223	ALL	668591.4	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
224	ALL	668812.7	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02
225	ALL	669034	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-02
226	ALL	669255.3	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-02
227	ALL	669476.7	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-02
228	ALL	669698	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-02
229	ALL	669919.3	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.18E-02
230	ALL	670140.6	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-01
231	ALL	670361.9	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-01
232	ALL	670583.2	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-01
233	ALL	670804.5	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-01
234	ALL	671025.8	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-01
235	ALL	671247.1	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-01
236	ALL	671468.4	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-02
237	ALL	671689.8	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-02
238	ALL	671911.1	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-02
239	ALL	672132.4	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-02
240	ALL	672353.7	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
241	ALL	672575	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-02
242	ALL	668148.8	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-02
243	ALL	668370.1	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-02
244	ALL	668591.4	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-02
245	ALL	668812.7	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-02
246	ALL	669034	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-02
247	ALL	669255.3	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-02
248	ALL	669476.7	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-02
249	ALL	669698	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-02
250	ALL	669919.3	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-02
251	ALL	670140.6	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-01
252	ALL	670361.9	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-01
253	ALL	670583.2	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-01
254	ALL	670804.5	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-01
255	ALL	671025.8	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-01
256	ALL	671247.1	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-02
257	ALL	671468.4	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-02
258	ALL	671689.8	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-02
259	ALL	671911.1	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-02
260	ALL	672132.4	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-02
261	ALL	672353.7	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-01
262	ALL	672575	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-02
263	ALL	668148.8	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-02
264	ALL	668370.1	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-02
265	ALL	668591.4	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-02
266	ALL	668812.7	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-02
267	ALL	669034	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-02
268	ALL	669476.7	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-02
269	ALL	669698	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-02
270	ALL	669919.3	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-01
271	ALL	670140.6	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-01
272	ALL	670361.9	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-01
273	ALL	670583.2	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-01
274	ALL	670804.5	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-01
275	ALL	671025.8	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-02
276	ALL	671247.1	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-02
277	ALL	671468.4	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-02
278	ALL	671689.8	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-02
279	ALL	671911.1	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-02
280	ALL	672132.4	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-02
281	ALL	672353.7	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-02
282	ALL	672575	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-02
283	ALL	668148.8	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-02
284	ALL	668370.1	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-02
285	ALL	668591.4	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-02
286	ALL	669476.7	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-02
287	ALL	669698	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-02
288	ALL	669919.3	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-02
289	ALL	670140.6	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-01
290	ALL	670361.9	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01
291	ALL	670583.2	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01
292	ALL	670804.5	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-01
293	ALL	671025.8	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-02
294	ALL	671247.1	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-02
295	ALL	671468.4	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-02
296	ALL	671689.8	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-02

297	ALL	671911.1	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-02
298	ALL	672132.4	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-02
299	ALL	672353.7	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-02
300	ALL	672575	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-02
301	ALL	668148.8	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-02
302	ALL	668370.1	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-02
303	ALL	668591.4	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-02
304	ALL	669476.7	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-02
305	ALL	669698	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-02
306	ALL	669919.3	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-02
307	ALL	670140.6	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-02
308	ALL	670361.9	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-02
309	ALL	670583.2	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01
310	ALL	670804.5	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-01
311	ALL	671025.8	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-02
312	ALL	671247.1	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-02
313	ALL	671468.4	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-02
314	ALL	671689.8	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-02
315	ALL	671911.1	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-02
316	ALL	672132.4	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-02
317	ALL	672353.7	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-02
318	ALL	672575	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-02
319	ALL	668148.8	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-02
320	ALL	668370.1	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-02
321	ALL	668591.4	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-02
322	ALL	668812.7	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-02
323	ALL	669034	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-02
324	ALL	669255.3	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-02
325	ALL	669476.7	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-02
326	ALL	669698	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-02
327	ALL	669919.3	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-02
328	ALL	670140.6	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-02
329	ALL	670361.9	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-02
330	ALL	670583.2	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-02
331	ALL	670804.5	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01
332	ALL	671025.8	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-01
333	ALL	671247.1	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-02
334	ALL	671468.4	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-02
335	ALL	671689.8	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-02
336	ALL	671911.1	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-02
337	ALL	672132.4	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-02
338	ALL	672353.7	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-02
339	ALL	672575	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-02
340	ALL	668148.8	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-02
341	ALL	668370.1	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-02
342	ALL	668591.4	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-02
343	ALL	668812.7	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
344	ALL	669034	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02
345	ALL	669255.3	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-02
346	ALL	669476.7	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-02
347	ALL	669698	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-02
348	ALL	669919.3	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-02
349	ALL	670140.6	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-02
350	ALL	670361.9	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-02
351	ALL	670583.2	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-02
352	ALL	670804.5	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-02
353	ALL	671025.8	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-02
354	ALL	671247.1	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.15E-02
355	ALL	671468.4	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-02
356	ALL	671689.8	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-02
357	ALL	671911.1	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-02
358	ALL	672132.4	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-02
359	ALL	672353.7	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-02
360	ALL	672575	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-02
361	ALL	668148.8	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-02
362	ALL	668370.1	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-02
363	ALL	668591.4	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-02
364	ALL	668812.7	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-02
365	ALL	669034	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02
366	ALL	669255.3	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-02
367	ALL	669476.7	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-02
368	ALL	669698	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-02
369	ALL	669919.3	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-02
370	ALL	670140.6	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-02
371	ALL	670361.9	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-02
372	ALL	670583.2	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-02
373	ALL	670804.5	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-02
374	ALL	671025.8	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-02
375	ALL	671247.1	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-02
376	ALL	671468.4	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-02
377	ALL	671689.8	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-02
378	ALL	671911.1	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-02
379	ALL	672132.4	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-02
380	ALL	672353.7	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02
381	ALL	672575	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-02
382	ALL	668148.8	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-02
383	ALL	668370.1	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-02
384	ALL	668591.4	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-02
385	ALL	668812.7	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-02
386	ALL	669034	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-02
387	ALL	669255.3	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-02
388	ALL	669476.7	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-02
389	ALL	669698	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-02
390	ALL	669919.3	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-02
391	ALL	670140.6	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-02
392	ALL	670361.9	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-02
393	ALL	670583.2	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-02
394	ALL	670804.5	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-02
395	ALL	671025.8	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-02

396	ALL	671247.1	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-02
397	ALL	671468.4	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-02
398	ALL	671689.8	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-02
399	ALL	671911.1	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-02
400	ALL	672132.4	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-02
401	ALL	672353.7	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-02
402	ALL	672575	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-02
403	ALL	668148.8	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-02
404	ALL	668370.1	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-02
405	ALL	668591.4	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-02
406	ALL	668812.7	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-02
407	ALL	669034	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-02
408	ALL	669255.3	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-02
409	ALL	669476.7	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-02
410	ALL	669698	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-02
411	ALL	669919.3	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02
412	ALL	670140.6	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-02
413	ALL	670361.9	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-02
414	ALL	670583.2	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-02
415	ALL	670804.5	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-02
416	ALL	671025.8	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01
417	ALL	671247.1	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-02
418	ALL	671468.4	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-02
419	ALL	671689.8	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-02
420	ALL	671911.1	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-02
421	ALL	672132.4	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-02
422	ALL	672353.7	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-02
423	ALL	672575	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-02
424	ALL	671464.7	4342094	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-02
425	ALL	671482.2	4342064	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-02
426	ALL	671498.6	4342030	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-02
427	ALL	671513.8	4341992	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-02
428	ALL	671541.8	4341965	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.59E-02
429	ALL	671575.6	4341974	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-02
430	ALL	671460.8	4342163	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-02
431	ALL	671451	4342187	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-02
432	ALL	671510.7	4342220	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-02
433	ALL	671524.1	4342193	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-02
434	ALL	671522.9	4342251	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-02
435	ALL	671599.1	4342253	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-02
436	ALL	671627.8	4342257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-02
437	ALL	671583.9	4342116	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-02
438	ALL	671595.5	4342072	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-02
439	ALL	671663.1	4342056	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-02
440	ALL	671600.9	4342030	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-02
441	ALL	671526.6	4342156	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-02
442	ALL	671629	4342292	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-02
443	ALL	671641.8	4341981	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-02
444	ALL	671666.8	4342019	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-02
445	ALL	671407.1	4342220	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01
446	ALL	671415.6	4342183	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01
447	ALL	671635.1	4341706	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-01
448	ALL	671693.6	4341710	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-01
449	ALL	671719.8	4341736	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-01
450	ALL	671673.5	4341630	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-01
451	ALL	671888	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-01
452	ALL	671977.6	4341952	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-02
453	ALL	672039.2	4341895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-02
454	ALL	671858.2	4341754	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-01
455	ALL	671922.8	4341634	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-01
456	ALL	671613.7	4341791	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-01
457	ALL	671853.3	4341731	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-01
458	ALL	671783.8	4341586	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-01
459	ALL	671783.2	4341547	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-01
460	ALL	671769.2	4341461	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-01
461	ALL	671800.9	4341421	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-01
462	ALL	671880.1	4341427	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-01
463	ALL	672012.4	4341505	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-02
464	ALL	672084.3	4341548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
465	ALL	671915.5	4341478	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-01
466	ALL	671903.3	4341564	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-01
467	ALL	671863.1	4341522	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-01
468	ALL	671830.1	4341336	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-01
469	ALL	671835.6	4341288	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-01
470	ALL	671825.9	4341275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-01
471	ALL	672136.7	4341371	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-02
472	ALL	671920.3	4341307	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-01
473	ALL	671695.4	4341257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-01
474	ALL	671682	4341176	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-01
475	ALL	671991.7	4341196	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-01
476	ALL	672022.1	4341232	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01
477	ALL	671992.3	4341178	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
478	ALL	671540.6	4341238	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-01
479	ALL	671575.3	4341178	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01
480	ALL	671454.7	4341196	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01
481	ALL	671523.5	4341116	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-02
482	ALL	671413.2	4341127	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-02
483	ALL	671471.1	4341065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-02
484	ALL	671601.6	4341051	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-01
485	ALL	671198.6	4341254	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
486	ALL	671278.5	4341212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.58E-02
487	ALL	671230.3	4341133	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-02
488	ALL	671073.1	4341272	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-02
489	ALL	671122.5	4341374	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-02
490	ALL	671118.8	4341397	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-02
491	ALL	670978.4	4341324	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-02
492	ALL	670932.9	4341394	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-02
493	ALL	670935.2	4341367	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-02
494	ALL	671108	4340976	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-02

495	ALL	671286.7	4340979	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-02
496	ALL	671675.4	4342489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-02
497	ALL	671091.4	4342277	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-01
498	ALL	671051.8	4342332	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-01
499	ALL	671051.8	4342369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-01
500	ALL	670953	4342361	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-01
501	ALL	670695.7	4342236	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-01
502	ALL	670545.5	4342319	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-01
503	ALL	670711.7	4342488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-01
504	ALL	670648.3	4342502	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-01
505	ALL	670648.3	4342631	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
506	ALL	670806.3	4342728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-01
507	ALL	670688.2	4342739	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-02
508	ALL	670804.9	4342428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-01
509	ALL	670439.5	4342472	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-01
510	ALL	670358.4	4342579	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-01
511	ALL	670546.6	4342662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-01
512	ALL	670537	4342595	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-01
513	ALL	670483.5	4342777	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-01
514	ALL	670508.2	4342755	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-01
515	ALL	670517.8	4342869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-01
516	ALL	670545.3	4342851	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-01
517	ALL	670582.4	4342878	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-01
518	ALL	670304.9	4342689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-01
519	ALL	670039.7	4342661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01
520	ALL	670156.5	4342673	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-01
521	ALL	670236.2	4342649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-01
522	ALL	670071.3	4342738	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01
523	ALL	669990.2	4342753	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.88E-02
524	ALL	669928.4	4342742	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-02
525	ALL	669815.8	4342673	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-02
526	ALL	669743	4342656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-02
527	ALL	669791	4342745	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-02
528	ALL	669696.3	4342731	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
529	ALL	669536.9	4342553	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-02
530	ALL	669228.6	4343290	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-02
531	ALL	669170.4	4343325	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-02
532	ALL	669284.8	4343340	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-02
533	ALL	669324.1	4343251	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-02
534	ALL	669359.8	4343290	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-02
535	ALL	669370.4	4343387	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-02
536	ALL	669423.9	4343410	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-02
537	ALL	669488.1	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-02
538	ALL	669649.9	4343378	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-02
539	ALL	669720.5	4343374	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-02
540	ALL	669770.4	4343323	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.18E-02
541	ALL	669764	4343211	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-02
542	ALL	669764.7	4343112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-02
543	ALL	669888.7	4343142	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-02
544	ALL	669888.7	4343250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-02
545	ALL	669864.5	4343261	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
546	ALL	669088.8	4343481	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-02
547	ALL	668973.4	4343427	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-02
548	ALL	669006.2	4343427	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-02
549	ALL	668940.6	4343516	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-02
550	ALL	668922	4343557	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-02
551	ALL	668475.6	4343142	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-02
552	ALL	668572	4343208	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-02
553	ALL	668567	4343041	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-02
554	ALL	669299	4342841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-02
555	ALL	669377.8	4342728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-02
556	ALL	669384.5	4342770	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-02
557	ALL	669341.7	4342653	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-02
558	ALL	669307.3	4342655	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-02
559	ALL	670048.3	4342946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-01
560	ALL	670299.6	4342854	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-01
561	ALL	670426.4	4342917	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-01
562	ALL	671174.9	4342280	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-01
563	ALL	671068.4	4342170	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-01
564	ALL	670965.7	4342179	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-01
565	ALL	670815.5	4342198	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-01
566	ALL	670737.6	4342098	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-01
567	ALL	670762.3	4342069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-01
568	ALL	670817.4	4342041	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-01
569	ALL	670895.4	4342025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-01
570	ALL	670979	4341915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-01
571	ALL	671115.9	4341864	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-01
572	ALL	671199.6	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-01
573	ALL	671222.4	4341377	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-02
574	ALL	671714.8	4341392	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-01
575	ALL	671366.9	4341999	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-01
576	ALL	671226.2	4342236	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-01
577	ALL	669098.4	4343412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-02
578	ALL	668908.6	4343365	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-02
579	ALL	668851.5	4343360	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-02
580	ALL	668831.4	4343371	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-02
581	ALL	668733.9	4343302	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-02
582	ALL	668686.9	4343200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-02
583	ALL	668671.8	4343089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-02
584	ALL	668806.2	4343002	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-02
585	ALL	668918.7	4343025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-02
586	ALL	669024.5	4342943	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-02
587	ALL	669288.2	4342916	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02
588	ALL	669333.6	4342923	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-02
589	ALL	669365.5	4342978	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-02
590	ALL	669337	4343151	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-02
591	ALL	669303.4	4343304	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-02
592	ALL	669222.7	4343235	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-02
593	ALL	669135.4	4343306	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-02

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISI	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		668148.8	4340781	3.98E-09	1YrCancerI	3.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		668370.1	4340781	4.43E-09	1YrCancerI	4.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		668591.4	4340781	4.85E-09	1YrCancerI	4.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		668812.7	4340781	5.19E-09	1YrCancerI	5.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		669034	4340781	5.73E-09	1YrCancerI	5.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		669255.3	4340781	6.37E-09	1YrCancerI	6.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		669476.7	4340781	7.03E-09	1YrCancerI	7.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		669698	4340781	7.88E-09	1YrCancerI	7.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		669919.3	4340781	9.94E-09	1YrCancerI	9.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		670140.6	4340781	1.15E-08	1YrCancerI	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		670361.9	4340781	1.13E-08	1YrCancerI	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		670583.2	4340781	7.77E-09	1YrCancerI	7.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		670804.5	4340781	7.78E-09	1YrCancerI	7.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		671025.8	4340781	6.50E-09	1YrCancerI	6.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		671247.1	4340781	6.59E-09	1YrCancerI	6.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		671468.4	4340781	8.95E-09	1YrCancerI	8.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		671689.8	4340781	1.32E-08	1YrCancerI	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		671911.1	4340781	1.25E-08	1YrCancerI	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		672132.4	4340781	6.50E-09	1YrCancerI	6.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		672353.7	4340781	1.20E-08	1YrCancerI	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		672575	4340781	1.54E-08	1YrCancerI	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		668148.8	4340946	3.92E-09	1YrCancerI	3.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		668370.1	4340946	4.39E-09	1YrCancerI	4.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		668591.4	4340946	4.81E-09	1YrCancerI	4.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		668812.7	4340946	5.23E-09	1YrCancerI	5.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		669034	4340946	5.96E-09	1YrCancerI	5.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		669255.3	4340946	6.56E-09	1YrCancerI	6.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		669476.7	4340946	7.25E-09	1YrCancerI	7.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		669698	4340946	8.34E-09	1YrCancerI	8.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		669919.3	4340946	1.18E-08	1YrCancerI	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		670140.6	4340946	1.24E-08	1YrCancerI	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		670361.9	4340946	1.31E-08	1YrCancerI	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		670583.2	4340946	1.24E-08	1YrCancerI	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		670804.5	4340946	7.98E-09	1YrCancerI	7.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		671025.8	4340946	6.31E-09	1YrCancerI	6.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		671247.1	4340946	6.42E-09	1YrCancerI	6.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		671468.4	4340946	8.03E-09	1YrCancerI	8.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		671689.8	4340946	1.67E-08	1YrCancerI	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		671911.1	4340946	1.98E-08	1YrCancerI	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		672132.4	4340946	5.98E-09	1YrCancerI	5.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		672353.7	4340946	8.01E-09	1YrCancerI	8.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		672575	4340946	1.49E-08	1YrCancerI	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		668148.8	4341111	3.98E-09	1YrCancerI	3.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		668370.1	4341111	4.29E-09	1YrCancerI	4.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		668591.4	4341111	4.90E-09	1YrCancerI	4.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		668812.7	4341111	5.40E-09	1YrCancerI	5.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		669034	4341111	6.02E-09	1YrCancerI	6.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		669255.3	4341111	6.56E-09	1YrCancerI	6.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		669476.7	4341111	7.55E-09	1YrCancerI	7.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		669698	4341111	8.69E-09	1YrCancerI	8.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		669919.3	4341111	9.91E-09	1YrCancerI	9.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		670140.6	4341111	1.35E-08	1YrCancerI	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		670361.9	4341111	1.24E-08	1YrCancerI	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		670583.2	4341111	8.86E-09	1YrCancerI	8.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		670804.5	4341111	6.39E-09	1YrCancerI	6.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		671025.8	4341111	5.77E-09	1YrCancerI	5.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		671247.1	4341111	7.36E-09	1YrCancerI	7.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		671468.4	4341111	9.36E-09	1YrCancerI	9.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		671689.8	4341111	2.70E-08	1YrCancerI	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		671911.1	4341111	2.15E-08	1YrCancerI	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		672132.4	4341111	5.69E-09	1YrCancerI	5.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		672353.7	4341111	5.17E-09	1YrCancerI	5.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		672575	4341111	1.51E-08	1YrCancerI	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		668148.8	4341276	4.09E-09	1YrCancerI	4.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL		668370.1	4341276	4.47E-09	1YrCancerI	4.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL		668591.4	4341276	5.02E-09	1YrCancerI	5.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL		668812.7	4341276	5.64E-09	1YrCancerI	5.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		669034	4341276	6.30E-09	1YrCancerI	6.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		669255.3	4341276	6.99E-09	1YrCancerI	6.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		669476.7	4341276	7.80E-09	1YrCancerI	7.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL		669698	4341276	8.90E-09	1YrCancerI	8.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL		669919.3	4341276	1.26E-08	1YrCancerI	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		670140.6	4341276	1.10E-08	1YrCancerI	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL		670361.9	4341276	9.44E-09	1YrCancerI	9.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL		670583.2	4341276	6.52E-09	1YrCancerI	6.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL		670804.5	4341276	6.40E-09	1YrCancerI	6.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		671025.8	4341276	6.09E-09	1YrCancerI	6.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL		671247.1	4341276	9.64E-09	1YrCancerI	9.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL		671468.4	4341276	2.63E-08	1YrCancerI	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL		671689.8	4341276	4.17E-08	1YrCancerI	4.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		671911.1	4341276	2.60E-08	1YrCancerI	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		672132.4	4341276	6.01E-09	1YrCancerI	6.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		672353.7	4341276	4.38E-09	1YrCancerI	4.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL		672575	4341276	1.46E-08	1YrCancerI	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		668148.8	4341441	4.13E-09	1YrCancerI	4.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL		668370.1	4341441	4.59E-09	1YrCancerI	4.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL		668591.4	4341441	5.11E-09	1YrCancerI	5.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL		668812.7	4341441	5.75E-09	1YrCancerI	5.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL		669034	4341441	6.41E-09	1YrCancerI	6.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL		669255.3	4341441	7.09E-09	1YrCancerI	7.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

91	ALL	669476.7	4341441	8.03E-09	1YrCancerI	8.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	669698	4341441	9.29E-09	1YrCancerI	9.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	669919.3	4341441	1.27E-08	1YrCancerI	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	670140.6	4341441	9.56E-09	1YrCancerI	9.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	670361.9	4341441	8.04E-09	1YrCancerI	8.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	670583.2	4341441	6.73E-09	1YrCancerI	6.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	670804.5	4341441	8.54E-09	1YrCancerI	8.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	671025.8	4341441	7.78E-09	1YrCancerI	7.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	671689.8	4341441	4.98E-08	1YrCancerI	4.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	671911.1	4341441	2.42E-08	1YrCancerI	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	672132.4	4341441	6.29E-09	1YrCancerI	6.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	672353.7	4341441	6.45E-09	1YrCancerI	6.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	672575	4341441	1.20E-08	1YrCancerI	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	668148.8	4341606	4.32E-09	1YrCancerI	4.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	668370.1	4341606	4.74E-09	1YrCancerI	4.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	668591.4	4341606	5.24E-09	1YrCancerI	5.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	668812.7	4341606	5.81E-09	1YrCancerI	5.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	669034	4341606	6.44E-09	1YrCancerI	6.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	669255.3	4341606	7.23E-09	1YrCancerI	7.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	669476.7	4341606	8.22E-09	1YrCancerI	8.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	669698	4341606	9.46E-09	1YrCancerI	9.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	669919.3	4341606	1.20E-08	1YrCancerI	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	670140.6	4341606	1.08E-08	1YrCancerI	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	670361.9	4341606	7.51E-09	1YrCancerI	7.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	670583.2	4341606	7.56E-09	1YrCancerI	7.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	670804.5	4341606	1.31E-08	1YrCancerI	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	671025.8	4341606	1.27E-08	1YrCancerI	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	671689.8	4341606	5.40E-08	1YrCancerI	5.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	671911.1	4341606	2.83E-08	1YrCancerI	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	672132.4	4341606	1.05E-08	1YrCancerI	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	672353.7	4341606	8.53E-09	1YrCancerI	8.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	672575	4341606	1.24E-08	1YrCancerI	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	668148.8	4341771	4.25E-09	1YrCancerI	4.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	668370.1	4341771	4.83E-09	1YrCancerI	4.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	668591.4	4341771	5.21E-09	1YrCancerI	5.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	668812.7	4341771	5.81E-09	1YrCancerI	5.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	669034	4341771	6.55E-09	1YrCancerI	6.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	669255.3	4341771	7.43E-09	1YrCancerI	7.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	669476.7	4341771	8.40E-09	1YrCancerI	8.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	669698	4341771	1.20E-08	1YrCancerI	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	669919.3	4341771	1.11E-08	1YrCancerI	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	670140.6	4341771	9.31E-09	1YrCancerI	9.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	670361.9	4341771	6.82E-09	1YrCancerI	6.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	670583.2	4341771	1.02E-08	1YrCancerI	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	670804.5	4341771	2.97E-08	1YrCancerI	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	671025.8	4341771	5.21E-08	1YrCancerI	5.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	671689.8	4341771	3.63E-08	1YrCancerI	3.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	671911.1	4341771	2.67E-08	1YrCancerI	2.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	672132.4	4341771	7.39E-09	1YrCancerI	7.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	672353.7	4341771	4.95E-09	1YrCancerI	4.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	672575	4341771	1.20E-08	1YrCancerI	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	668148.8	4341936	4.08E-09	1YrCancerI	4.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	668370.1	4341936	4.60E-09	1YrCancerI	4.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	668591.4	4341936	5.22E-09	1YrCancerI	5.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	668812.7	4341936	5.89E-09	1YrCancerI	5.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	669034	4341936	6.67E-09	1YrCancerI	6.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	669255.3	4341936	7.50E-09	1YrCancerI	7.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	669476.7	4341936	1.10E-08	1YrCancerI	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	669698	4341936	9.61E-09	1YrCancerI	9.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	669919.3	4341936	6.78E-09	1YrCancerI	6.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	670140.6	4341936	7.03E-09	1YrCancerI	7.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	670361.9	4341936	8.35E-09	1YrCancerI	8.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	670583.2	4341936	2.07E-08	1YrCancerI	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	670804.5	4341936	3.18E-08	1YrCancerI	3.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	671468.4	4341936	5.61E-08	1YrCancerI	5.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	671689.8	4341936	2.16E-08	1YrCancerI	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	671911.1	4341936	1.83E-08	1YrCancerI	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	672132.4	4341936	6.61E-09	1YrCancerI	6.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	672353.7	4341936	4.31E-09	1YrCancerI	4.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	672575	4341936	1.35E-08	1YrCancerI	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	668148.8	4342101	4.15E-09	1YrCancerI	4.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	668370.1	4342101	4.74E-09	1YrCancerI	4.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	668591.4	4342101	5.34E-09	1YrCancerI	5.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	668812.7	4342101	5.95E-09	1YrCancerI	5.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	669034	4342101	6.70E-09	1YrCancerI	6.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	669255.3	4342101	7.56E-09	1YrCancerI	7.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	669476.7	4342101	1.09E-08	1YrCancerI	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	669698	4342101	1.20E-08	1YrCancerI	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	669919.3	4342101	1.24E-08	1YrCancerI	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	670140.6	4342101	9.98E-09	1YrCancerI	9.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	670361.9	4342101	1.97E-08	1YrCancerI	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	670583.2	4342101	2.26E-08	1YrCancerI	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	671468.4	4342101	2.68E-08	1YrCancerI	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	671689.8	4342101	1.46E-08	1YrCancerI	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	671911.1	4342101	1.45E-08	1YrCancerI	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	672132.4	4342101	7.94E-09	1YrCancerI	7.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	672353.7	4342101	4.88E-09	1YrCancerI	4.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	672575	4342101	1.32E-08	1YrCancerI	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	668148.8	4342266	4.20E-09	1YrCancerI	4.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	668370.1	4342266	4.79E-09	1YrCancerI	4.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	668591.4	4342266	5.08E-09	1YrCancerI	5.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

182	ALL	668812.7	4342266	5.68E-09	1YrCancerI	5.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	669034	4342266	6.41E-09	1YrCancerI	6.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	669255.3	4342266	7.43E-09	1YrCancerI	7.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	669476.7	4342266	8.58E-09	1YrCancerI	8.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	669698	4342266	1.00E-08	1YrCancerI	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	669919.3	4342266	1.17E-08	1YrCancerI	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	670140.6	4342266	1.41E-08	1YrCancerI	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	670361.9	4342266	1.78E-08	1YrCancerI	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	670583.2	4342266	2.76E-08	1YrCancerI	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	670804.5	4342266	3.72E-08	1YrCancerI	3.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	671025.8	4342266	6.15E-08	1YrCancerI	6.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	671247.1	4342266	7.42E-08	1YrCancerI	7.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	671468.4	4342266	2.14E-08	1YrCancerI	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	671689.8	4342266	1.39E-08	1YrCancerI	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	671911.1	4342266	1.10E-08	1YrCancerI	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	672132.4	4342266	1.24E-08	1YrCancerI	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	672353.7	4342266	9.82E-09	1YrCancerI	9.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	672575	4342266	1.09E-08	1YrCancerI	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	668148.8	4342431	3.92E-09	1YrCancerI	3.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	668370.1	4342431	4.54E-09	1YrCancerI	4.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	668591.4	4342431	4.75E-09	1YrCancerI	4.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	668812.7	4342431	5.23E-09	1YrCancerI	5.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	669034	4342431	5.85E-09	1YrCancerI	5.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	669255.3	4342431	6.77E-09	1YrCancerI	6.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	669476.7	4342431	8.36E-09	1YrCancerI	8.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	669698	4342431	9.94E-09	1YrCancerI	9.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	669919.3	4342431	1.17E-08	1YrCancerI	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	670140.6	4342431	1.47E-08	1YrCancerI	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	670361.9	4342431	2.33E-08	1YrCancerI	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	670583.2	4342431	2.40E-08	1YrCancerI	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	670804.5	4342431	3.35E-08	1YrCancerI	3.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	671025.8	4342431	5.54E-08	1YrCancerI	5.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	671247.1	4342431	2.27E-08	1YrCancerI	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	671468.4	4342431	1.53E-08	1YrCancerI	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	671689.8	4342431	1.06E-08	1YrCancerI	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	671911.1	4342431	9.04E-09	1YrCancerI	9.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	672132.4	4342431	1.16E-08	1YrCancerI	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	672353.7	4342431	1.19E-08	1YrCancerI	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	672575	4342431	1.02E-08	1YrCancerI	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	668148.8	4342596	3.96E-09	1YrCancerI	3.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	668370.1	4342596	4.27E-09	1YrCancerI	4.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	668591.4	4342596	4.70E-09	1YrCancerI	4.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	668812.7	4342596	5.19E-09	1YrCancerI	5.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	669034	4342596	5.88E-09	1YrCancerI	5.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	669255.3	4342596	6.96E-09	1YrCancerI	6.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	669476.7	4342596	9.56E-09	1YrCancerI	9.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	669698	4342596	1.48E-08	1YrCancerI	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	669919.3	4342596	1.57E-08	1YrCancerI	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	670140.6	4342596	1.83E-08	1YrCancerI	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	670361.9	4342596	1.84E-08	1YrCancerI	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	670583.2	4342596	2.00E-08	1YrCancerI	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	670804.5	4342596	3.46E-08	1YrCancerI	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	671025.8	4342596	4.40E-08	1YrCancerI	4.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	671247.1	4342596	2.90E-08	1YrCancerI	2.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	671468.4	4342596	1.07E-08	1YrCancerI	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	671689.8	4342596	7.04E-09	1YrCancerI	7.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	671911.1	4342596	5.65E-09	1YrCancerI	5.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	672132.4	4342596	7.20E-09	1YrCancerI	7.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	672353.7	4342596	1.25E-08	1YrCancerI	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	672575	4342596	9.40E-09	1YrCancerI	9.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	668148.8	4342761	4.05E-09	1YrCancerI	4.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	668370.1	4342761	4.47E-09	1YrCancerI	4.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	668591.4	4342761	4.75E-09	1YrCancerI	4.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	668812.7	4342761	5.31E-09	1YrCancerI	5.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	669034	4342761	6.11E-09	1YrCancerI	6.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	669255.3	4342761	7.37E-09	1YrCancerI	7.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	669476.7	4342761	1.29E-08	1YrCancerI	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	669698	4342761	1.07E-08	1YrCancerI	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	669919.3	4342761	1.22E-08	1YrCancerI	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	670140.6	4342761	1.75E-08	1YrCancerI	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	670361.9	4342761	2.25E-08	1YrCancerI	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	670583.2	4342761	1.80E-08	1YrCancerI	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	670804.5	4342761	2.58E-08	1YrCancerI	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	671025.8	4342761	2.64E-08	1YrCancerI	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	671247.1	4342761	1.25E-08	1YrCancerI	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	671468.4	4342761	8.75E-09	1YrCancerI	8.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	671689.8	4342761	6.52E-09	1YrCancerI	6.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	671911.1	4342761	4.52E-09	1YrCancerI	4.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	672132.4	4342761	5.03E-09	1YrCancerI	5.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	672353.7	4342761	1.24E-08	1YrCancerI	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	672575	4342761	1.01E-08	1YrCancerI	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	668148.8	4342926	4.04E-09	1YrCancerI	4.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	668370.1	4342926	4.41E-09	1YrCancerI	4.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	668591.4	4342926	4.87E-09	1YrCancerI	4.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	668812.7	4342926	5.33E-09	1YrCancerI	5.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	669034	4342926	6.02E-09	1YrCancerI	6.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	669476.7	4342926	9.95E-09	1YrCancerI	9.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	669698	4342926	9.65E-09	1YrCancerI	9.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	669919.3	4342926	1.32E-08	1YrCancerI	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	670140.6	4342926	1.84E-08	1YrCancerI	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	670361.9	4342926	2.10E-08	1YrCancerI	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

273	ALL	670583.2	4342926	2.44E-08	1YrCancerI	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	670804.5	4342926	2.90E-08	1YrCancerI	2.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	671025.8	4342926	9.93E-09	1YrCancerI	9.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	671247.1	4342926	9.96E-09	1YrCancerI	9.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	671468.4	4342926	6.69E-09	1YrCancerI	6.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	671689.8	4342926	5.44E-09	1YrCancerI	5.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	671911.1	4342926	4.14E-09	1YrCancerI	4.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	672132.4	4342926	3.32E-09	1YrCancerI	3.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	672353.7	4342926	5.85E-09	1YrCancerI	5.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	672575	4342926	1.02E-08	1YrCancerI	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	668148.8	4343090	3.80E-09	1YrCancerI	3.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	668370.1	4343090	4.20E-09	1YrCancerI	4.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	668591.4	4343090	4.83E-09	1YrCancerI	4.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	669476.7	4343090	7.87E-09	1YrCancerI	7.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	669698	4343090	8.79E-09	1YrCancerI	8.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	669919.3	4343090	1.01E-08	1YrCancerI	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	670140.6	4343090	1.38E-08	1YrCancerI	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	670361.9	4343090	1.34E-08	1YrCancerI	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	670583.2	4343090	1.46E-08	1YrCancerI	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	670804.5	4343090	2.25E-08	1YrCancerI	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	671025.8	4343090	8.20E-09	1YrCancerI	8.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	671247.1	4343090	7.73E-09	1YrCancerI	7.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	671468.4	4343090	5.78E-09	1YrCancerI	5.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	671689.8	4343090	4.55E-09	1YrCancerI	4.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	671911.1	4343090	3.63E-09	1YrCancerI	3.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	672132.4	4343090	3.05E-09	1YrCancerI	3.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	672353.7	4343090	2.51E-09	1YrCancerI	2.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	672575	4343090	3.35E-09	1YrCancerI	3.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	668148.8	4343255	3.85E-09	1YrCancerI	3.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	668370.1	4343255	4.43E-09	1YrCancerI	4.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	668591.4	4343255	4.70E-09	1YrCancerI	4.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	669476.7	4343255	7.63E-09	1YrCancerI	7.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	669698	4343255	8.89E-09	1YrCancerI	8.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	669919.3	4343255	9.98E-09	1YrCancerI	9.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	670140.6	4343255	1.11E-08	1YrCancerI	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	670361.9	4343255	1.17E-08	1YrCancerI	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	670583.2	4343255	1.23E-08	1YrCancerI	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	670804.5	4343255	1.38E-08	1YrCancerI	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	671025.8	4343255	7.35E-09	1YrCancerI	7.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	671247.1	4343255	6.18E-09	1YrCancerI	6.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	671468.4	4343255	5.40E-09	1YrCancerI	5.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	671689.8	4343255	3.93E-09	1YrCancerI	3.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	671911.1	4343255	3.21E-09	1YrCancerI	3.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	672132.4	4343255	2.81E-09	1YrCancerI	2.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	672353.7	4343255	2.49E-09	1YrCancerI	2.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	672575	4343255	2.05E-09	1YrCancerI	2.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	668148.8	4343420	3.88E-09	1YrCancerI	3.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	668370.1	4343420	4.46E-09	1YrCancerI	4.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	668591.4	4343420	5.23E-09	1YrCancerI	5.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	668812.7	4343420	5.64E-09	1YrCancerI	5.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	669034	4343420	6.03E-09	1YrCancerI	6.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	669255.3	4343420	6.15E-09	1YrCancerI	6.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	669476.7	4343420	6.98E-09	1YrCancerI	6.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	669698	4343420	7.91E-09	1YrCancerI	7.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	669919.3	4343420	8.64E-09	1YrCancerI	8.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	670140.6	4343420	9.10E-09	1YrCancerI	9.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	670361.9	4343420	9.93E-09	1YrCancerI	9.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	670583.2	4343420	1.06E-08	1YrCancerI	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	670804.5	4343420	1.20E-08	1YrCancerI	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	671025.8	4343420	1.65E-08	1YrCancerI	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	671247.1	4343420	8.39E-09	1YrCancerI	8.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	671468.4	4343420	4.60E-09	1YrCancerI	4.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	671689.8	4343420	3.64E-09	1YrCancerI	3.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	671911.1	4343420	2.89E-09	1YrCancerI	2.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	672132.4	4343420	2.48E-09	1YrCancerI	2.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	672353.7	4343420	2.12E-09	1YrCancerI	2.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	672575	4343420	1.88E-09	1YrCancerI	1.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	668148.8	4343585	3.90E-09	1YrCancerI	3.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	668370.1	4343585	4.13E-09	1YrCancerI	4.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	668591.4	4343585	4.36E-09	1YrCancerI	4.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	668812.7	4343585	4.85E-09	1YrCancerI	4.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	669034	4343585	5.37E-09	1YrCancerI	5.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	669255.3	4343585	5.84E-09	1YrCancerI	5.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	669476.7	4343585	6.39E-09	1YrCancerI	6.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	669698	4343585	6.76E-09	1YrCancerI	6.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	669919.3	4343585	7.40E-09	1YrCancerI	7.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	670140.6	4343585	8.12E-09	1YrCancerI	8.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	670361.9	4343585	8.88E-09	1YrCancerI	8.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	670583.2	4343585	9.51E-09	1YrCancerI	9.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	670804.5	4343585	1.04E-08	1YrCancerI	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	671025.8	4343585	1.09E-08	1YrCancerI	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	671247.1	4343585	8.74E-09	1YrCancerI	8.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	671468.4	4343585	5.20E-09	1YrCancerI	5.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	671689.8	4343585	3.93E-09	1YrCancerI	3.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	671911.1	4343585	2.95E-09	1YrCancerI	2.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	672132.4	4343585	2.51E-09	1YrCancerI	2.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	672353.7	4343585	2.05E-09	1YrCancerI	2.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	672575	4343585	1.87E-09	1YrCancerI	1.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	668148.8	4343750	3.69E-09	1YrCancerI	3.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	668370.1	4343750	4.04E-09	1YrCancerI	4.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	668591.4	4343750	4.37E-09	1YrCancerI	4.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

364	ALL	668812.7	4343750	4.66E-09	1YrCancerI	4.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	669034	4343750	5.26E-09	1YrCancerI	5.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	669255.3	4343750	5.69E-09	1YrCancerI	5.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	669476.7	4343750	6.03E-09	1YrCancerI	6.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	669698	4343750	6.42E-09	1YrCancerI	6.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	669919.3	4343750	6.89E-09	1YrCancerI	6.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	670140.6	4343750	7.47E-09	1YrCancerI	7.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	670361.9	4343750	8.21E-09	1YrCancerI	8.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	670583.2	4343750	8.56E-09	1YrCancerI	8.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	670804.5	4343750	9.05E-09	1YrCancerI	9.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	671025.8	4343750	9.35E-09	1YrCancerI	9.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	671247.1	4343750	1.08E-08	1YrCancerI	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	671468.4	4343750	1.09E-08	1YrCancerI	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	671689.8	4343750	1.13E-08	1YrCancerI	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	671911.1	4343750	6.68E-09	1YrCancerI	6.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	672132.4	4343750	2.96E-09	1YrCancerI	2.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	672353.7	4343750	2.21E-09	1YrCancerI	2.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	672575	4343750	1.97E-09	1YrCancerI	1.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	668148.8	4343915	3.52E-09	1YrCancerI	3.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	668370.1	4343915	3.93E-09	1YrCancerI	3.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	668591.4	4343915	4.27E-09	1YrCancerI	4.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	668812.7	4343915	4.60E-09	1YrCancerI	4.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	669034	4343915	5.02E-09	1YrCancerI	5.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	669255.3	4343915	5.48E-09	1YrCancerI	5.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	669476.7	4343915	5.80E-09	1YrCancerI	5.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	669698	4343915	6.07E-09	1YrCancerI	6.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	669919.3	4343915	6.46E-09	1YrCancerI	6.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	670140.6	4343915	7.02E-09	1YrCancerI	7.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	670361.9	4343915	7.36E-09	1YrCancerI	7.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	670583.2	4343915	7.93E-09	1YrCancerI	7.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	670804.5	4343915	8.21E-09	1YrCancerI	8.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	671025.8	4343915	8.36E-09	1YrCancerI	8.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	671247.1	4343915	8.43E-09	1YrCancerI	8.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	671468.4	4343915	1.03E-08	1YrCancerI	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	671689.8	4343915	1.03E-08	1YrCancerI	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	671911.1	4343915	5.61E-09	1YrCancerI	5.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	672132.4	4343915	4.70E-09	1YrCancerI	4.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	672353.7	4343915	3.33E-09	1YrCancerI	3.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	672575	4343915	2.57E-09	1YrCancerI	2.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	668148.8	4344080	3.48E-09	1YrCancerI	3.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	668370.1	4344080	3.75E-09	1YrCancerI	3.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	668591.4	4344080	4.10E-09	1YrCancerI	4.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	668812.7	4344080	4.44E-09	1YrCancerI	4.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	669034	4344080	4.83E-09	1YrCancerI	4.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	669255.3	4344080	5.19E-09	1YrCancerI	5.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	669476.7	4344080	5.43E-09	1YrCancerI	5.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	669698	4344080	5.74E-09	1YrCancerI	5.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	669919.3	4344080	6.12E-09	1YrCancerI	6.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	670140.6	4344080	6.69E-09	1YrCancerI	6.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	670361.9	4344080	6.75E-09	1YrCancerI	6.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	670583.2	4344080	7.26E-09	1YrCancerI	7.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	670804.5	4344080	7.54E-09	1YrCancerI	7.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	671025.8	4344080	1.14E-08	1YrCancerI	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	671247.1	4344080	7.70E-09	1YrCancerI	7.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	671468.4	4344080	6.69E-09	1YrCancerI	6.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	671689.8	4344080	6.83E-09	1YrCancerI	6.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	671911.1	4344080	2.88E-09	1YrCancerI	2.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	672132.4	4344080	2.38E-09	1YrCancerI	2.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	672353.7	4344080	2.29E-09	1YrCancerI	2.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	672575	4344080	2.00E-09	1YrCancerI	2.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	671464.7	4342094	2.81E-08	1YrCancerI	2.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	671482.2	4342064	2.92E-08	1YrCancerI	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	671498.6	4342030	3.00E-08	1YrCancerI	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	671513.8	4341992	3.19E-08	1YrCancerI	3.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	671541.8	4341965	3.04E-08	1YrCancerI	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	671575.6	4341974	2.43E-08	1YrCancerI	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	671460.8	4342163	2.36E-08	1YrCancerI	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	671451	4342187	2.34E-08	1YrCancerI	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	671510.7	4342220	1.89E-08	1YrCancerI	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	671524.1	4342193	1.83E-08	1YrCancerI	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	671522.9	4342251	1.81E-08	1YrCancerI	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	671599.1	4342253	1.53E-08	1YrCancerI	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	671627.8	4342257	1.48E-08	1YrCancerI	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	671583.9	4342116	1.56E-08	1YrCancerI	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	671595.5	4342072	1.62E-08	1YrCancerI	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	671663.1	4342056	1.54E-08	1YrCancerI	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	671600.9	4342030	1.82E-08	1YrCancerI	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	671526.6	4342156	1.83E-08	1YrCancerI	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	671629	4342292	1.48E-08	1YrCancerI	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	671641.8	4341981	1.92E-08	1YrCancerI	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	671666.8	4342019	1.67E-08	1YrCancerI	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	671407.1	4342220	2.70E-08	1YrCancerI	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	671415.6	4342183	2.82E-08	1YrCancerI	2.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	671635.1	4341706	5.67E-08	1YrCancerI	5.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	671693.6	4341710	4.80E-08	1YrCancerI	4.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	671719.8	4341736	4.37E-08	1YrCancerI	4.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	671673.5	4341630	5.65E-08	1YrCancerI	5.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	671888	4341936	2.03E-08	1YrCancerI	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	671977.6	4341952	1.31E-08	1YrCancerI	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	672039.2	4341895	9.60E-09	1YrCancerI	9.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	671858.2	4341754	3.25E-08	1YrCancerI	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

455	ALL	671922.8	4341634	2.71E-08	1YrCancerI	2.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	671613.7	4341791	4.02E-08	1YrCancerI	4.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	671853.3	4341731	3.30E-08	1YrCancerI	3.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	671783.8	4341586	3.98E-08	1YrCancerI	3.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	671783.2	4341547	3.96E-08	1YrCancerI	3.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	671769.2	4341461	3.92E-08	1YrCancerI	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	671800.9	4341421	3.83E-08	1YrCancerI	3.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	671880.1	4341427	2.92E-08	1YrCancerI	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	672012.4	4341505	8.80E-09	1YrCancerI	8.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	672084.3	4341548	9.72E-09	1YrCancerI	9.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	671915.5	4341478	2.38E-08	1YrCancerI	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	671903.3	4341564	2.85E-08	1YrCancerI	2.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	671863.1	4341522	3.36E-08	1YrCancerI	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	671830.1	4341336	3.79E-08	1YrCancerI	3.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	671835.6	4341288	3.73E-08	1YrCancerI	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	671825.9	4341275	3.85E-08	1YrCancerI	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	672136.7	4341371	5.66E-09	1YrCancerI	5.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	671920.3	4341307	2.07E-08	1YrCancerI	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	671695.4	4341257	3.87E-08	1YrCancerI	3.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	671682	4341176	2.54E-08	1YrCancerI	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	671991.7	4341196	2.02E-08	1YrCancerI	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	672022.1	4341232	1.49E-08	1YrCancerI	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	671992.3	4341178	1.56E-08	1YrCancerI	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	671540.6	4341238	1.42E-08	1YrCancerI	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	671575.3	4341178	1.18E-08	1YrCancerI	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	671454.7	4341196	1.20E-08	1YrCancerI	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	671523.5	4341116	9.94E-09	1YrCancerI	9.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	671413.2	4341127	1.00E-08	1YrCancerI	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	671471.1	4341065	8.99E-09	1YrCancerI	8.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	671601.6	4341051	1.45E-08	1YrCancerI	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	671198.6	4341254	7.57E-09	1YrCancerI	7.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	671278.5	4341212	9.09E-09	1YrCancerI	9.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	671230.3	4341133	7.08E-09	1YrCancerI	7.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	671073.1	4341272	6.15E-09	1YrCancerI	6.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	671122.5	4341374	8.16E-09	1YrCancerI	8.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	671118.8	4341397	8.59E-09	1YrCancerI	8.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	670978.4	4341324	6.42E-09	1YrCancerI	6.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	670932.9	4341394	7.24E-09	1YrCancerI	7.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	670935.2	4341367	6.98E-09	1YrCancerI	6.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	671108	4340976	6.11E-09	1YrCancerI	6.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL	671286.7	4340979	6.74E-09	1YrCancerI	6.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	671675.4	4342489	9.14E-09	1YrCancerI	9.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	671091.4	4342277	7.15E-08	1YrCancerI	7.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	671051.8	4342332	5.27E-08	1YrCancerI	5.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	671051.8	4342369	5.66E-08	1YrCancerI	5.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	670953	4342361	5.00E-08	1YrCancerI	5.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	670695.7	4342236	3.13E-08	1YrCancerI	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	670545.5	4342319	2.63E-08	1YrCancerI	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	670711.7	4342488	3.19E-08	1YrCancerI	3.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	670648.3	4342502	2.62E-08	1YrCancerI	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	670648.3	4342631	1.38E-08	1YrCancerI	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	670806.3	4342728	2.57E-08	1YrCancerI	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	670688.2	4342739	1.27E-08	1YrCancerI	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	670804.9	4342428	3.36E-08	1YrCancerI	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	670439.5	4342472	2.24E-08	1YrCancerI	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	670358.4	4342579	1.87E-08	1YrCancerI	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	670546.6	4342662	2.37E-08	1YrCancerI	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	670537	4342595	2.32E-08	1YrCancerI	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	670483.5	4342777	2.21E-08	1YrCancerI	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	670508.2	4342755	2.20E-08	1YrCancerI	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	670517.8	4342869	2.29E-08	1YrCancerI	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	670545.3	4342851	2.06E-08	1YrCancerI	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	670582.4	4342878	2.29E-08	1YrCancerI	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	670304.9	4342689	1.63E-08	1YrCancerI	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	670039.7	4342661	1.60E-08	1YrCancerI	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	670156.5	4342673	1.52E-08	1YrCancerI	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	670236.2	4342649	1.62E-08	1YrCancerI	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	670071.3	4342738	1.37E-08	1YrCancerI	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	669990.2	4342753	1.30E-08	1YrCancerI	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	669928.4	4342742	1.25E-08	1YrCancerI	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	669815.8	4342673	1.27E-08	1YrCancerI	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	669743	4342656	1.24E-08	1YrCancerI	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	669791	4342745	1.12E-08	1YrCancerI	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	669696.3	4342731	1.10E-08	1YrCancerI	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	669536.9	4342553	9.89E-09	1YrCancerI	9.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	669228.6	4343290	7.22E-09	1YrCancerI	7.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	669170.4	4343325	6.71E-09	1YrCancerI	6.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	669284.8	4343340	7.12E-09	1YrCancerI	7.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	669324.1	4343251	7.10E-09	1YrCancerI	7.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	669359.8	4343290	7.24E-09	1YrCancerI	7.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	669370.4	4343387	7.04E-09	1YrCancerI	7.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	669423.9	4343410	7.04E-09	1YrCancerI	7.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	669488.1	4343420	7.02E-09	1YrCancerI	7.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	669649.9	4343378	7.93E-09	1YrCancerI	7.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	669720.5	4343374	8.33E-09	1YrCancerI	8.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	669770.4	4343323	9.10E-09	1YrCancerI	9.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	669764	4343211	8.97E-09	1YrCancerI	8.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	669764.7	4343112	9.06E-09	1YrCancerI	9.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	669888.7	4343142	9.67E-09	1YrCancerI	9.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	669888.7	4343250	9.78E-09	1YrCancerI	9.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	669864.5	4343261	9.82E-09	1YrCancerI	9.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

546	ALL	669088.8	4343481	5.75E-09	1YrCancerI	5.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	668973.4	4343427	6.05E-09	1YrCancerI	6.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	669006.2	4343427	6.08E-09	1YrCancerI	6.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	668940.6	4343516	5.28E-09	1YrCancerI	5.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	668922	4343557	5.16E-09	1YrCancerI	5.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	668475.6	4343142	4.55E-09	1YrCancerI	4.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	668572	4343208	4.71E-09	1YrCancerI	4.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	668567	4343041	4.85E-09	1YrCancerI	4.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	669299	4342841	8.25E-09	1YrCancerI	8.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	669377.8	4342728	9.40E-09	1YrCancerI	9.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	669384.5	4342770	1.06E-08	1YrCancerI	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	669341.7	4342653	7.93E-09	1YrCancerI	7.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	669307.3	4342655	7.57E-09	1YrCancerI	7.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL	670048.3	4342946	1.67E-08	1YrCancerI	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL	670299.6	4342854	2.02E-08	1YrCancerI	2.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	670426.4	4342917	2.34E-08	1YrCancerI	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	ALL	671174.9	4342280	8.34E-08	1YrCancerI	8.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL	671068.4	4342170	1.16E-07	1YrCancerI	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL	670965.7	4342179	7.46E-08	1YrCancerI	7.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	ALL	670815.5	4342198	3.76E-08	1YrCancerI	3.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL	670737.6	4342098	2.82E-08	1YrCancerI	2.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL	670762.3	4342069	2.87E-08	1YrCancerI	2.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL	670817.4	4342041	3.18E-08	1YrCancerI	3.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	ALL	670895.4	4342025	3.82E-08	1YrCancerI	3.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL	670979	4341915	4.74E-08	1YrCancerI	4.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL	671115.9	4341864	8.43E-08	1YrCancerI	8.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	ALL	671199.6	4341771	1.28E-07	1YrCancerI	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	ALL	671222.4	4341377	1.26E-08	1YrCancerI	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	ALL	671714.8	4341392	4.72E-08	1YrCancerI	4.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	ALL	671366.9	4341999	1.52E-07	1YrCancerI	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL	671226.2	4342236	9.09E-08	1YrCancerI	9.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	ALL	669098.4	4343412	6.01E-09	1YrCancerI	6.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	ALL	668908.6	4343365	5.94E-09	1YrCancerI	5.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	ALL	668851.5	4343360	5.71E-09	1YrCancerI	5.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	ALL	668831.4	4343371	5.81E-09	1YrCancerI	5.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	ALL	668733.9	4343302	5.04E-09	1YrCancerI	5.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	ALL	668686.9	4343200	4.92E-09	1YrCancerI	4.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	ALL	668671.8	4343089	4.94E-09	1YrCancerI	4.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL	668806.2	4343002	5.22E-09	1YrCancerI	5.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	ALL	668918.7	4343025	5.55E-09	1YrCancerI	5.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586	ALL	669024.5	4342943	5.93E-09	1YrCancerI	5.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	ALL	669288.2	4342916	8.36E-09	1YrCancerI	8.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL	669333.6	4342923	1.12E-08	1YrCancerI	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	ALL	669365.5	4342978	9.78E-09	1YrCancerI	9.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	ALL	669337	4343151	7.03E-09	1YrCancerI	7.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL	669303.4	4343304	7.09E-09	1YrCancerI	7.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	ALL	669222.7	4343235	6.75E-09	1YrCancerI	6.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	ALL	669135.4	4343306	6.45E-09	1YrCancerI	6.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		668148.8	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		668370.1	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		668591.4	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		668812.7	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		669034	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		669255.3	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		669476.7	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		669698	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		669919.3	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		670140.6	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		670361.9	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		670583.2	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		670804.5	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		671025.8	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		671247.1	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		671468.4	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		671689.8	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		671911.1	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		672132.4	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		672353.7	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		672575	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		668148.8	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		668370.1	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		668591.4	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		668812.7	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		669034	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		669255.3	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		669476.7	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		669698	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		669919.3	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		670140.6	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		670361.9	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		670583.2	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		670804.5	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		671025.8	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		671247.1	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		671468.4	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		671689.8	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		671911.1	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		672132.4	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		672353.7	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		672575	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		668148.8	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		668370.1	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		668591.4	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		668812.7	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		669034	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		669255.3	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		669476.7	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		669698	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		669919.3	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		670140.6	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		670361.9	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		670583.2	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		670804.5	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		671025.8	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		671247.1	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		671468.4	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		671689.8	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		671911.1	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		672132.4	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		672353.7	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		672575	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		668148.8	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL		668370.1	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL		668591.4	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL		668812.7	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		669034	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		669255.3	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		669476.7	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL		669698	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL		669919.3	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		670140.6	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL		670361.9	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL		670583.2	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL		670804.5	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		671025.8	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL		671247.1	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL		671468.4	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL		671689.8	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		671911.1	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		672132.4	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		672353.7	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL		672575	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		668148.8	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL		668370.1	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL		668591.4	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL		668812.7	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL		669034	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL		669255.3	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL		669476.7	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL		669698	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL		669919.3	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL		670140.6	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL		670361.9	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL		670583.2	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL		670804.5	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL		671025.8	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

99	ALL	671689.8	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	671911.1	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	672132.4	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	672353.7	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	672575	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	668148.8	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	668370.1	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	668591.4	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	668812.7	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	669034	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	669255.3	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	669476.7	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	669698	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	669919.3	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	670140.6	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	670361.9	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	670583.2	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	670804.5	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	671025.8	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	671689.8	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	671911.1	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	672132.4	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	672353.7	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	672575	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	668148.8	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	668370.1	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	668591.4	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	668812.7	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	669034	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	669255.3	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	669476.7	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	669698	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	669919.3	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	670140.6	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	670361.9	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	670583.2	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	670804.5	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	671025.8	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	671689.8	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	671911.1	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	672132.4	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	672353.7	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	672575	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	668148.8	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	668370.1	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	668591.4	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	668812.7	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	669034	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	669255.3	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	669476.7	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	669698	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	669919.3	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	670140.6	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	670361.9	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	670583.2	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	670804.5	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	671468.4	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	671689.8	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	671911.1	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	672132.4	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	672353.7	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	672575	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	668148.8	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	668370.1	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	668591.4	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	668812.7	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	669034	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	669255.3	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	669476.7	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	669698	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	669919.3	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	670140.6	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	670361.9	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	670583.2	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	671468.4	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	671689.8	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	671911.1	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	672132.4	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	672353.7	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	672575	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	668148.8	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	668370.1	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	668591.4	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL	668812.7	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	669034	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	669255.3	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	669476.7	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	669698	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	669919.3	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	670140.6	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	670361.9	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	670583.2	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	670804.5	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	671025.8	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	671247.1	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	671468.4	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	671689.8	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	671911.1	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	672132.4	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

198	ALL	672353.7	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	672575	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	668148.8	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	668370.1	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	668591.4	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	668812.7	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	669034	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	669255.3	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	669476.7	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	669698	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	669919.3	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	670140.6	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	670361.9	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	670583.2	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	670804.5	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	671025.8	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	671247.1	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	671468.4	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	671689.8	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	671911.1	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	672132.4	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	672353.7	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	672575	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	668148.8	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	668370.1	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	668591.4	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	668812.7	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	669034	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	669255.3	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	669476.7	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	669698	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	669919.3	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	670140.6	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	670361.9	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	670583.2	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	670804.5	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	671025.8	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	671247.1	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	671468.4	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	671689.8	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	671911.1	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	672132.4	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	672353.7	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	672575	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	668148.8	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	668370.1	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	668591.4	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	668812.7	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	669034	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	669255.3	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	669476.7	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	669698	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	669919.3	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	670140.6	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	670361.9	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	670583.2	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	670804.5	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	671025.8	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	671247.1	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	671468.4	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	671689.8	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	671911.1	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	672132.4	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	672353.7	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	672575	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	668148.8	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	668370.1	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	668591.4	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	668812.7	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	669034	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	669476.7	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	669698	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	669919.3	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	670140.6	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	670361.9	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL	670583.2	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	670804.5	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	671025.8	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	671247.1	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	671468.4	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	671689.8	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	671911.1	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	672132.4	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	672353.7	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	672575	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	668148.8	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	668370.1	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	668591.4	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	669476.7	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	669698	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	669919.3	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	670140.6	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	670361.9	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	670583.2	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	670804.5	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	671025.8	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	671247.1	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	671468.4	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	671689.8	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

297	ALL	671911.1	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	672132.4	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	672353.7	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	672575	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	668148.8	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	668370.1	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	668591.4	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	669476.7	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	669698	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	669919.3	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	670140.6	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	670361.9	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	670583.2	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	670804.5	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	671025.8	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	671247.1	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	671468.4	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	671689.8	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	671911.1	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	672132.4	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	672353.7	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	672575	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	668148.8	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	668370.1	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	668591.4	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	668812.7	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	669034	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	669255.3	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	669476.7	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	669698	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	669919.3	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	670140.6	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	670361.9	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	670583.2	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	670804.5	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	671025.8	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	671247.1	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	671468.4	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	671689.8	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	671911.1	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	672132.4	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	672353.7	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	672575	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	668148.8	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	668370.1	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	668591.4	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	668812.7	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	669034	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	669255.3	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	669476.7	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	669698	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	669919.3	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	670140.6	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	670361.9	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	670583.2	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	670804.5	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	671025.8	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	671247.1	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	671468.4	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	671689.8	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	671911.1	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	672132.4	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	672353.7	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	672575	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	668148.8	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	668370.1	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	668591.4	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL	668812.7	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	669034	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	669255.3	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	669476.7	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	669698	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	669919.3	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	670140.6	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	670361.9	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	670583.2	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	670804.5	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	671025.8	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	671247.1	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	671468.4	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	671689.8	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	671911.1	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	672132.4	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	672353.7	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	672575	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	668148.8	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	668370.1	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	668591.4	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	668812.7	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	669034	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	669255.3	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	669476.7	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	669698	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	669919.3	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	670140.6	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	670361.9	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	670583.2	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	670804.5	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	671025.8	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

396	ALL	671247.1	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	671468.4	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	671689.8	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	671911.1	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	672132.4	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	672353.7	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	672575	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	668148.8	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	668370.1	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	668591.4	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	668812.7	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	669034	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	669255.3	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	669476.7	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	669698	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	669919.3	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	670140.6	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	670361.9	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	670583.2	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	670804.5	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	671025.8	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	671247.1	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	671468.4	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	671689.8	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	671911.1	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	672132.4	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	672353.7	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	672575	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	671464.7	4342094	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	671482.2	4342064	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	671498.6	4342030	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	671513.8	4341992	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	671541.8	4341965	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	671575.6	4341974	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	671460.8	4342163	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	671451	4342187	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	671510.7	4342220	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	671524.1	4342193	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	671522.9	4342251	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	671599.1	4342253	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	671627.8	4342257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	671583.9	4342116	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	671595.5	4342072	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	671663.1	4342056	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	671600.9	4342030	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	671526.6	4342156	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	671629	4342292	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	671641.8	4341981	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	671666.8	4342019	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	671407.1	4342220	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	671415.6	4342183	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	671635.1	4341706	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	671693.6	4341710	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	671719.8	4341736	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	671673.5	4341630	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	671888	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	671977.6	4341952	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	672039.2	4341895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	671858.2	4341754	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL	671922.8	4341634	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	671613.7	4341791	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	671853.3	4341731	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	671783.8	4341586	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	671783.2	4341547	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	671769.2	4341461	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	671800.9	4341421	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	671880.1	4341427	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	672012.4	4341505	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	672084.3	4341548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	671915.5	4341478	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	671903.3	4341564	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	671863.1	4341522	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	671830.1	4341336	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	671835.6	4341288	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	671825.9	4341275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	672136.7	4341371	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	671920.3	4341307	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	671695.4	4341257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	671682	4341176	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	671991.7	4341196	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	672022.1	4341232	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	671992.3	4341178	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	671540.6	4341238	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	671575.3	4341178	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	671454.7	4341196	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	671523.5	4341116	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	671413.2	4341127	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	671471.1	4341065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	671601.6	4341051	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	671198.6	4341254	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	671278.5	4341212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	671230.3	4341133	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	671073.1	4341272	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	671122.5	4341374	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	671118.8	4341397	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	670978.4	4341324	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	670932.9	4341394	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	670935.2	4341367	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	671108	4340976	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

495	ALL	671286.7	4340979	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	671675.4	4342489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	671091.4	4342277	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	671051.8	4342332	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	671051.8	4342369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	670953	4342361	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	670695.7	4342236	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	670545.5	4342319	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	670711.7	4342488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	670648.3	4342502	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	670648.3	4342631	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	670806.3	4342728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	670688.2	4342739	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	670804.9	4342428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	670439.5	4342472	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	670358.4	4342579	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	670546.6	4342662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	670537	4342595	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	670483.5	4342777	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	670508.2	4342755	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	670517.8	4342869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	670545.3	4342851	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	670582.4	4342878	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	670304.9	4342689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	670039.7	4342661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	670156.5	4342673	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	670236.2	4342649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	670071.3	4342738	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	669990.2	4342753	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	669928.4	4342742	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	669815.8	4342673	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	669743	4342656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	669791	4342745	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	669696.3	4342731	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	669536.9	4342553	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	669228.6	4343290	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	669170.4	4343325	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	669284.8	4343340	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	669324.1	4343251	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	669359.8	4343290	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	669370.4	4343387	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	669423.9	4343410	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	669488.1	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	669649.9	4343378	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	669720.5	4343374	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	669770.4	4343323	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	669764	4343211	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	669764.7	4343112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	669888.7	4343142	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	669888.7	4343250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	669864.5	4343261	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	ALL	669088.8	4343481	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	668973.4	4343427	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	669006.2	4343427	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	668940.6	4343516	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	668922	4343557	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	668475.6	4343142	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	668572	4343208	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	668567	4343041	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	669299	4342841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	669377.8	4342728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	669384.5	4342770	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	669341.7	4342653	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	669307.3	4342655	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL	670048.3	4342946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL	670299.6	4342854	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	670426.4	4342917	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	ALL	671174.9	4342280	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL	671068.4	4342170	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL	670965.7	4342179	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	ALL	670815.5	4342198	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL	670737.6	4342098	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL	670762.3	4342069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL	670817.4	4342041	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	ALL	670895.4	4342025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL	670979	4341915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL	671115.9	4341864	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	ALL	671199.6	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	ALL	671222.4	4341377	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	ALL	671714.8	4341392	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	ALL	671366.9	4341999	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL	671226.2	4342236	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	ALL	669098.4	4343412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	ALL	668908.6	4343365	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	ALL	668851.5	4343360	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	ALL	668831.4	4343371	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	ALL	668733.9	4343302	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	ALL	668686.9	4343200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	ALL	668671.8	4343089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL	668806.2	4343002	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	ALL	668918.7	4343025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586	ALL	669024.5	4342943	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	ALL	669288.2	4342916	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL	669333.6	4342923	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	ALL	669365.5	4342978	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	ALL	669337	4343151	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL	669303.4	4343304	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	ALL	669222.7	4343235	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	ALL	669135.4	4343306	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEV	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		668148.8	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-02
2	ALL		668370.1	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-02
3	ALL		668591.4	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-02
4	ALL		668812.7	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-02
5	ALL		669034	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-02
6	ALL		669255.3	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-02
7	ALL		669476.7	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-02
8	ALL		669698	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-02
9	ALL		669919.3	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-02
10	ALL		670140.6	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01
11	ALL		670361.9	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-02
12	ALL		670583.2	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-02
13	ALL		670804.5	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-02
14	ALL		671025.8	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-02
15	ALL		671247.1	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-02
16	ALL		671468.4	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-02
17	ALL		671689.8	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-01
18	ALL		671911.1	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-01
19	ALL		672132.4	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-02
20	ALL		672353.7	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01
21	ALL		672575	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-01
22	ALL		668148.8	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-02
23	ALL		668370.1	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-02
24	ALL		668591.4	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-02
25	ALL		668812.7	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-02
26	ALL		669034	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02
27	ALL		669255.3	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-02
28	ALL		669476.7	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-02
29	ALL		669698	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-02
30	ALL		669919.3	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01
31	ALL		670140.6	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01
32	ALL		670361.9	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-01
33	ALL		670583.2	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01
34	ALL		670804.5	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-02
35	ALL		671025.8	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-02
36	ALL		671247.1	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-02
37	ALL		671468.4	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-02
38	ALL		671689.8	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-01
39	ALL		671911.1	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-01
40	ALL		672132.4	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-02
41	ALL		672353.7	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-02
42	ALL		672575	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-01
43	ALL		668148.8	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-02
44	ALL		668370.1	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-02
45	ALL		668591.4	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-02
46	ALL		668812.7	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-02
47	ALL		669034	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-02
48	ALL		669255.3	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-02
49	ALL		669476.7	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-02
50	ALL		669698	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-02
51	ALL		669919.3	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-02
52	ALL		670140.6	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-01
53	ALL		670361.9	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01
54	ALL		670583.2	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-02
55	ALL		670804.5	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-02
56	ALL		671025.8	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-02
57	ALL		671247.1	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-02
58	ALL		671468.4	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-02
59	ALL		671689.8	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-01
60	ALL		671911.1	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-01
61	ALL		672132.4	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-02
62	ALL		672353.7	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-02
63	ALL		672575	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-01
64	ALL		668148.8	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-02
65	ALL		668370.1	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-02
66	ALL		668591.4	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-02
67	ALL		668812.7	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-02
68	ALL		669034	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-02
69	ALL		669255.3	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-02
70	ALL		669476.7	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-02
71	ALL		669698	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-02
72	ALL		669919.3	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01
73	ALL		670140.6	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-02
74	ALL		670361.9	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-02
75	ALL		670583.2	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-02
76	ALL		670804.5	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-02
77	ALL		671025.8	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-02
78	ALL		671247.1	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-02
79	ALL		671468.4	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-01
80	ALL		671689.8	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-01
81	ALL		671911.1	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-01
82	ALL		672132.4	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-02
83	ALL		672353.7	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-02
84	ALL		672575	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01
85	ALL		668148.8	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-02
86	ALL		668370.1	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-02
87	ALL		668591.4	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02
88	ALL		668812.7	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-02
89	ALL		669034	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-02
90	ALL		669255.3	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-02
91	ALL		669476.7	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-02
92	ALL		669698	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-02
93	ALL		669919.3	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-01
94	ALL		670140.6	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-02
95	ALL		670361.9	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-02
96	ALL		670583.2	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-02
97	ALL		670804.5	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-02
98	ALL		671025.8	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-02

99	ALL	671689.8	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-01
100	ALL	671911.1	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-01
101	ALL	672132.4	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-02
102	ALL	672353.7	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-02
103	ALL	672575	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01
104	ALL	668148.8	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-02
105	ALL	668370.1	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
106	ALL	668591.4	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-02
107	ALL	668812.7	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-02
108	ALL	669034	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-02
109	ALL	669255.3	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-02
110	ALL	669476.7	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-02
111	ALL	669698	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-02
112	ALL	669919.3	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01
113	ALL	670140.6	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-02
114	ALL	670361.9	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-02
115	ALL	670583.2	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-02
116	ALL	670804.5	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-02
117	ALL	671025.8	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-02
118	ALL	671689.8	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-01
119	ALL	671911.1	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-01
120	ALL	672132.4	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-02
121	ALL	672353.7	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-02
122	ALL	672575	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01
123	ALL	668148.8	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-02
124	ALL	668370.1	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-02
125	ALL	668591.4	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-02
126	ALL	668812.7	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-02
127	ALL	669034	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-02
128	ALL	669255.3	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-02
129	ALL	669476.7	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-02
130	ALL	669698	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
131	ALL	669919.3	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-02
132	ALL	670140.6	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-02
133	ALL	670361.9	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-02
134	ALL	670583.2	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-02
135	ALL	670804.5	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-01
136	ALL	671025.8	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-01
137	ALL	671689.8	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-01
138	ALL	671911.1	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-01
139	ALL	672132.4	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-02
140	ALL	672353.7	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-02
141	ALL	672575	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01
142	ALL	668148.8	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-02
143	ALL	668370.1	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-02
144	ALL	668591.4	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-02
145	ALL	668812.7	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-02
146	ALL	669034	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-02
147	ALL	669255.3	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-02
148	ALL	669476.7	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-02
149	ALL	669698	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-02
150	ALL	669919.3	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-02
151	ALL	670140.6	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
152	ALL	670361.9	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-02
153	ALL	670583.2	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-01
154	ALL	670804.5	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-01
155	ALL	671468.4	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-01
156	ALL	671689.8	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-01
157	ALL	671911.1	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-01
158	ALL	672132.4	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-02
159	ALL	672353.7	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-02
160	ALL	672575	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-01
161	ALL	668148.8	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-02
162	ALL	668370.1	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-02
163	ALL	668591.4	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-02
164	ALL	668812.7	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02
165	ALL	669034	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-02
166	ALL	669255.3	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-02
167	ALL	669476.7	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.88E-02
168	ALL	669698	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-01
169	ALL	669919.3	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-01
170	ALL	670140.6	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-02
171	ALL	670361.9	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-01
172	ALL	670583.2	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-01
173	ALL	671468.4	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-02
174	ALL	671689.8	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-02
175	ALL	671911.1	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01
176	ALL	672132.4	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-02
177	ALL	672353.7	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-02
178	ALL	672575	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-01
179	ALL	668148.8	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-02
180	ALL	668370.1	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-02
181	ALL	668591.4	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-02
182	ALL	668812.7	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-02
183	ALL	669034	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-02
184	ALL	669255.3	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-02
185	ALL	669476.7	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-02
186	ALL	669698	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-02
187	ALL	669919.3	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01
188	ALL	670140.6	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01
189	ALL	670361.9	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-01
190	ALL	670583.2	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-01
191	ALL	670804.5	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-01
192	ALL	671025.8	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-01
193	ALL	671247.1	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-01
194	ALL	671468.4	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-02
195	ALL	671689.8	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-02
196	ALL	671911.1	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-02
197	ALL	672132.4	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-02

198	ALL	672353.7	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-02
199	ALL	672575	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-02
200	ALL	668148.8	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-02
201	ALL	668370.1	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-02
202	ALL	668591.4	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-02
203	ALL	668812.7	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-02
204	ALL	669034	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-02
205	ALL	669255.3	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-02
206	ALL	669476.7	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-02
207	ALL	669698	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-02
208	ALL	669919.3	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-02
209	ALL	670140.6	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-01
210	ALL	670361.9	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-01
211	ALL	670583.2	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-01
212	ALL	670804.5	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-01
213	ALL	671025.8	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-01
214	ALL	671247.1	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-01
215	ALL	671468.4	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-02
216	ALL	671689.8	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-02
217	ALL	671911.1	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-02
218	ALL	672132.4	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-02
219	ALL	672353.7	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-02
220	ALL	672575	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-02
221	ALL	668148.8	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-02
222	ALL	668370.1	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-02
223	ALL	668591.4	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
224	ALL	668812.7	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02
225	ALL	669034	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-02
226	ALL	669255.3	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-02
227	ALL	669476.7	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-02
228	ALL	669698	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-02
229	ALL	669919.3	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-02
230	ALL	670140.6	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01
231	ALL	670361.9	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
232	ALL	670583.2	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-01
233	ALL	670804.5	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-01
234	ALL	671025.8	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-01
235	ALL	671247.1	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-01
236	ALL	671468.4	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-02
237	ALL	671689.8	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-02
238	ALL	671911.1	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-02
239	ALL	672132.4	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-02
240	ALL	672353.7	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
241	ALL	672575	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
242	ALL	668148.8	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-02
243	ALL	668370.1	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-02
244	ALL	668591.4	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-02
245	ALL	668812.7	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-02
246	ALL	669034	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02
247	ALL	669255.3	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-02
248	ALL	669476.7	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-02
249	ALL	669698	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-02
250	ALL	669919.3	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-02
251	ALL	670140.6	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-01
252	ALL	670361.9	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-01
253	ALL	670583.2	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-01
254	ALL	670804.5	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-01
255	ALL	671025.8	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-01
256	ALL	671247.1	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-02
257	ALL	671468.4	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-02
258	ALL	671689.8	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-02
259	ALL	671911.1	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-02
260	ALL	672132.4	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-02
261	ALL	672353.7	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-01
262	ALL	672575	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-02
263	ALL	668148.8	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-02
264	ALL	668370.1	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-02
265	ALL	668591.4	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-02
266	ALL	668812.7	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-02
267	ALL	669034	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-02
268	ALL	669476.7	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-02
269	ALL	669698	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-02
270	ALL	669919.3	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-01
271	ALL	670140.6	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-01
272	ALL	670361.9	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-01
273	ALL	670583.2	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-01
274	ALL	670804.5	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-01
275	ALL	671025.8	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-02
276	ALL	671247.1	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-02
277	ALL	671468.4	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-02
278	ALL	671689.8	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-02
279	ALL	671911.1	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-02
280	ALL	672132.4	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-02
281	ALL	672353.7	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-02
282	ALL	672575	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-02
283	ALL	668148.8	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-02
284	ALL	668370.1	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-02
285	ALL	668591.4	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-02
286	ALL	669476.7	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02
287	ALL	669698	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-02
288	ALL	669919.3	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-02
289	ALL	670140.6	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-01
290	ALL	670361.9	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01
291	ALL	670583.2	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01
292	ALL	670804.5	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-01
293	ALL	671025.8	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-02
294	ALL	671247.1	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-02
295	ALL	671468.4	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-02
296	ALL	671689.8	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-02

297	ALL	671911.1	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-02
298	ALL	672132.4	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-02
299	ALL	672353.7	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-02
300	ALL	672575	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-02
301	ALL	668148.8	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-02
302	ALL	668370.1	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-02
303	ALL	668591.4	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-02
304	ALL	669476.7	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-02
305	ALL	669698	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-02
306	ALL	669919.3	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-02
307	ALL	670140.6	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-02
308	ALL	670361.9	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-02
309	ALL	670583.2	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01
310	ALL	670804.5	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-01
311	ALL	671025.8	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-02
312	ALL	671247.1	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-02
313	ALL	671468.4	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-02
314	ALL	671689.8	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-02
315	ALL	671911.1	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-02
316	ALL	672132.4	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-02
317	ALL	672353.7	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-02
318	ALL	672575	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-02
319	ALL	668148.8	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-02
320	ALL	668370.1	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-02
321	ALL	668591.4	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-02
322	ALL	668812.7	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
323	ALL	669034	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-02
324	ALL	669255.3	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-02
325	ALL	669476.7	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-02
326	ALL	669698	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-02
327	ALL	669919.3	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-02
328	ALL	670140.6	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-02
329	ALL	670361.9	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-02
330	ALL	670583.2	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-02
331	ALL	670804.5	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01
332	ALL	671025.8	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-01
333	ALL	671247.1	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-02
334	ALL	671468.4	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-02
335	ALL	671689.8	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-02
336	ALL	671911.1	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-02
337	ALL	672132.4	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-02
338	ALL	672353.7	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-02
339	ALL	672575	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-02
340	ALL	668148.8	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-02
341	ALL	668370.1	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-02
342	ALL	668591.4	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-02
343	ALL	668812.7	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-02
344	ALL	669034	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-02
345	ALL	669255.3	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-02
346	ALL	669476.7	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-02
347	ALL	669698	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-02
348	ALL	669919.3	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-02
349	ALL	670140.6	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-02
350	ALL	670361.9	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-02
351	ALL	670583.2	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-02
352	ALL	670804.5	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-02
353	ALL	671025.8	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-02
354	ALL	671247.1	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-02
355	ALL	671468.4	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-02
356	ALL	671689.8	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-02
357	ALL	671911.1	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-02
358	ALL	672132.4	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-02
359	ALL	672353.7	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-02
360	ALL	672575	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-02
361	ALL	668148.8	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-02
362	ALL	668370.1	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-02
363	ALL	668591.4	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-02
364	ALL	668812.7	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-02
365	ALL	669034	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02
366	ALL	669255.3	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-02
367	ALL	669476.7	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-02
368	ALL	669698	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-02
369	ALL	669919.3	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-02
370	ALL	670140.6	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-02
371	ALL	670361.9	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-02
372	ALL	670583.2	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-02
373	ALL	670804.5	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-02
374	ALL	671025.8	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-02
375	ALL	671247.1	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-02
376	ALL	671468.4	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-02
377	ALL	671689.8	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-02
378	ALL	671911.1	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-02
379	ALL	672132.4	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-02
380	ALL	672353.7	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-02
381	ALL	672575	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-02
382	ALL	668148.8	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-02
383	ALL	668370.1	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-02
384	ALL	668591.4	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-02
385	ALL	668812.7	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-02
386	ALL	669034	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-02
387	ALL	669255.3	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-02
388	ALL	669476.7	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-02
389	ALL	669698	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-02
390	ALL	669919.3	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-02
391	ALL	670140.6	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-02
392	ALL	670361.9	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-02
393	ALL	670583.2	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-02
394	ALL	670804.5	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-02
395	ALL	671025.8	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-02

396	ALL	671247.1	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-02
397	ALL	671468.4	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-02
398	ALL	671689.8	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-02
399	ALL	671911.1	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-02
400	ALL	672132.4	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-02
401	ALL	672353.7	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-02
402	ALL	672575	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-02
403	ALL	668148.8	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-02
404	ALL	668370.1	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-02
405	ALL	668591.4	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-02
406	ALL	668812.7	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-02
407	ALL	669034	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-02
408	ALL	669255.3	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-02
409	ALL	669476.7	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-02
410	ALL	669698	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-02
411	ALL	669919.3	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-02
412	ALL	670140.6	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-02
413	ALL	670361.9	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-02
414	ALL	670583.2	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-02
415	ALL	670804.5	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-02
416	ALL	671025.8	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01
417	ALL	671247.1	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-02
418	ALL	671468.4	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-02
419	ALL	671689.8	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-02
420	ALL	671911.1	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-02
421	ALL	672132.4	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-02
422	ALL	672353.7	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-02
423	ALL	672575	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-02
424	ALL	671464.7	4342094	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-02
425	ALL	671482.2	4342064	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-02
426	ALL	671498.6	4342030	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-02
427	ALL	671513.8	4341992	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.40E-02
428	ALL	671541.8	4341965	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-02
429	ALL	671575.6	4341974	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-02
430	ALL	671460.8	4342163	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-02
431	ALL	671451	4342187	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-02
432	ALL	671510.7	4342220	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-02
433	ALL	671524.1	4342193	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-02
434	ALL	671522.9	4342251	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-02
435	ALL	671599.1	4342253	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
436	ALL	671627.8	4342257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-02
437	ALL	671583.9	4342116	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-02
438	ALL	671595.5	4342072	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-02
439	ALL	671663.1	4342056	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-02
440	ALL	671600.9	4342030	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-02
441	ALL	671526.6	4342156	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-02
442	ALL	671629	4342292	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-02
443	ALL	671641.8	4341981	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-02
444	ALL	671666.8	4342019	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-02
445	ALL	671407.1	4342220	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01
446	ALL	671415.6	4342183	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-02
447	ALL	671635.1	4341706	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-01
448	ALL	671693.6	4341710	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-01
449	ALL	671719.8	4341736	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-01
450	ALL	671673.5	4341630	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-01
451	ALL	671888	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-01
452	ALL	671977.6	4341952	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-02
453	ALL	672039.2	4341895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-02
454	ALL	671858.2	4341754	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-01
455	ALL	671922.8	4341634	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-01
456	ALL	671613.7	4341791	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-01
457	ALL	671853.3	4341731	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-01
458	ALL	671783.8	4341586	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-01
459	ALL	671783.2	4341547	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-01
460	ALL	671769.2	4341461	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-01
461	ALL	671800.9	4341421	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-01
462	ALL	671880.1	4341427	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-01
463	ALL	672012.4	4341505	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-02
464	ALL	672084.3	4341548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-02
465	ALL	671915.5	4341478	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-01
466	ALL	671903.3	4341564	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-01
467	ALL	671863.1	4341522	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-01
468	ALL	671830.1	4341336	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-01
469	ALL	671835.6	4341288	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-01
470	ALL	671825.9	4341275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-01
471	ALL	672136.7	4341371	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-02
472	ALL	671920.3	4341307	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-01
473	ALL	671695.4	4341257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-01
474	ALL	671682	4341176	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-01
475	ALL	671991.7	4341196	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-01
476	ALL	672022.1	4341232	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01
477	ALL	671992.3	4341178	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
478	ALL	671540.6	4341238	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-01
479	ALL	671575.3	4341178	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01
480	ALL	671454.7	4341196	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01
481	ALL	671523.5	4341116	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-02
482	ALL	671413.2	4341127	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-02
483	ALL	671471.1	4341065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-02
484	ALL	671601.6	4341051	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-01
485	ALL	671198.6	4341254	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-02
486	ALL	671278.5	4341212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-02
487	ALL	671230.3	4341133	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-02
488	ALL	671073.1	4341272	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-02
489	ALL	671122.5	4341374	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-02
490	ALL	671118.8	4341397	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-02
491	ALL	670978.4	4341324	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-02
492	ALL	670932.9	4341394	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-02
493	ALL	670935.2	4341367	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-02
494	ALL	671108	4340976	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-02

495	ALL	671286.7	4340979	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-02
496	ALL	671675.4	4342489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-02
497	ALL	671091.4	4342277	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-01
498	ALL	671051.8	4342332	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-01
499	ALL	671051.8	4342369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-01
500	ALL	670953	4342361	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-01
501	ALL	670695.7	4342236	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-01
502	ALL	670545.5	4342319	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-01
503	ALL	670711.7	4342488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-01
504	ALL	670648.3	4342502	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-01
505	ALL	670648.3	4342631	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
506	ALL	670806.3	4342728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-01
507	ALL	670688.2	4342739	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-02
508	ALL	670804.9	4342428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-01
509	ALL	670439.5	4342472	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-01
510	ALL	670358.4	4342579	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
511	ALL	670546.6	4342662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-01
512	ALL	670537	4342595	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-01
513	ALL	670483.5	4342777	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-01
514	ALL	670508.2	4342755	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-01
515	ALL	670517.8	4342869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-01
516	ALL	670545.3	4342851	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-01
517	ALL	670582.4	4342878	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-01
518	ALL	670304.9	4342689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-01
519	ALL	670039.7	4342661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-01
520	ALL	670156.5	4342673	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-01
521	ALL	670236.2	4342649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-01
522	ALL	670071.3	4342738	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01
523	ALL	669990.2	4342753	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-02
524	ALL	669928.4	4342742	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-02
525	ALL	669815.8	4342673	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.79E-02
526	ALL	669743	4342656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-02
527	ALL	669791	4342745	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-02
528	ALL	669696.3	4342731	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-02
529	ALL	669536.9	4342553	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-02
530	ALL	669228.6	4343290	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02
531	ALL	669170.4	4343325	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-02
532	ALL	669284.8	4343340	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-02
533	ALL	669324.1	4343251	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-02
534	ALL	669359.8	4343290	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-02
535	ALL	669370.4	4343387	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-02
536	ALL	669423.9	4343410	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-02
537	ALL	669488.1	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-02
538	ALL	669649.9	4343378	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-02
539	ALL	669720.5	4343374	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-02
540	ALL	669770.4	4343323	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-02
541	ALL	669764	4343211	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-02
542	ALL	669764.7	4343112	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
543	ALL	669888.7	4343142	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-02
544	ALL	669888.7	4343250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-02
545	ALL	669864.5	4343261	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-02
546	ALL	669088.8	4343481	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-02
547	ALL	668973.4	4343427	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-02
548	ALL	669006.2	4343427	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-02
549	ALL	668940.6	4343516	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-02
550	ALL	668922	4343557	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-02
551	ALL	668475.6	4343142	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-02
552	ALL	668572	4343208	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-02
553	ALL	668567	4343041	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-02
554	ALL	669299	4342841	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
555	ALL	669377.8	4342728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-02
556	ALL	669384.5	4342770	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-02
557	ALL	669341.7	4342653	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-02
558	ALL	669307.3	4342655	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-02
559	ALL	670048.3	4342946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-01
560	ALL	670299.6	4342854	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-01
561	ALL	670426.4	4342917	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-01
562	ALL	671174.9	4342280	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-01
563	ALL	671068.4	4342170	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-01
564	ALL	670965.7	4342179	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-01
565	ALL	670815.5	4342198	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-01
566	ALL	670737.6	4342098	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-01
567	ALL	670762.3	4342069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-01
568	ALL	670817.4	4342041	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-01
569	ALL	670895.4	4342025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-01
570	ALL	670979	4341915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-01
571	ALL	671115.9	4341864	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-01
572	ALL	671199.6	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-01
573	ALL	671222.4	4341377	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-02
574	ALL	671714.8	4341392	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-01
575	ALL	671366.9	4341999	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-01
576	ALL	671226.2	4342236	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-01
577	ALL	669098.4	4343412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-02
578	ALL	668908.6	4343365	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-02
579	ALL	668851.5	4343360	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-02
580	ALL	668831.4	4343371	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-02
581	ALL	668733.9	4343302	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-02
582	ALL	668686.9	4343200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
583	ALL	668671.8	4343089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-02
584	ALL	668806.2	4343002	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02
585	ALL	668918.7	4343025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-02
586	ALL	669024.5	4342943	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-02
587	ALL	669288.2	4342916	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-02
588	ALL	669333.6	4342923	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-02
589	ALL	669365.5	4342978	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-02
590	ALL	669337	4343151	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-02
591	ALL	669303.4	4343304	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-02
592	ALL	669222.7	4343235	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-02
593	ALL	669135.4	4343306	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-02

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISI	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		668148.8	4340781	1.30E-09	5YrCancerI	1.24E-09	4.18E-11	1.66E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		668370.1	4340781	1.34E-09	5YrCancerI	1.28E-09	4.68E-11	1.86E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		668591.4	4340781	1.50E-09	5YrCancerI	1.43E-09	5.36E-11	2.13E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		668812.7	4340781	1.69E-09	5YrCancerI	1.60E-09	6.00E-11	2.39E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		669034	4340781	1.88E-09	5YrCancerI	1.78E-09	6.86E-11	2.73E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		669255.3	4340781	2.13E-09	5YrCancerI	2.02E-09	7.96E-11	3.17E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		669476.7	4340781	2.28E-09	5YrCancerI	2.16E-09	8.43E-11	3.35E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		669698	4340781	2.48E-09	5YrCancerI	2.35E-09	9.19E-11	3.66E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		669919.3	4340781	2.83E-09	5YrCancerI	2.70E-09	9.11E-11	3.62E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		670140.6	4340781	3.21E-09	5YrCancerI	3.10E-09	7.79E-11	3.10E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		670361.9	4340781	3.14E-09	5YrCancerI	3.05E-09	6.14E-11	2.45E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		670583.2	4340781	2.48E-09	5YrCancerI	2.42E-09	4.53E-11	1.80E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		670804.5	4340781	2.02E-09	5YrCancerI	1.96E-09	3.77E-11	1.50E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		671025.8	4340781	1.55E-09	5YrCancerI	1.51E-09	3.22E-11	1.28E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		671247.1	4340781	1.25E-09	5YrCancerI	1.22E-09	2.58E-11	1.03E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		671468.4	4340781	1.22E-09	5YrCancerI	1.18E-09	2.46E-11	9.80E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		671689.8	4340781	1.10E-09	5YrCancerI	1.07E-09	1.94E-11	7.72E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		671911.1	4340781	9.43E-10	5YrCancerI	9.19E-10	1.74E-11	6.93E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		672132.4	4340781	7.24E-10	5YrCancerI	7.04E-10	1.38E-11	5.49E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		672353.7	4340781	8.00E-10	5YrCancerI	7.80E-10	1.47E-11	5.87E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		672575	4340781	7.82E-10	5YrCancerI	7.62E-10	1.41E-11	5.61E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		668148.8	4340946	1.51E-09	5YrCancerI	1.45E-09	4.31E-11	1.72E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		668370.1	4340946	1.44E-09	5YrCancerI	1.37E-09	4.53E-11	1.80E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		668591.4	4340946	1.55E-09	5YrCancerI	1.48E-09	5.12E-11	2.04E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		668812.7	4340946	1.76E-09	5YrCancerI	1.67E-09	5.88E-11	2.34E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		669034	4340946	1.91E-09	5YrCancerI	1.81E-09	6.87E-11	2.73E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		669255.3	4340946	2.18E-09	5YrCancerI	2.07E-09	7.97E-11	3.17E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		669476.7	4340946	2.37E-09	5YrCancerI	2.25E-09	8.71E-11	3.47E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		669698	4340946	2.77E-09	5YrCancerI	2.63E-09	1.05E-10	4.18E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		669919.3	4340946	3.55E-09	5YrCancerI	3.39E-09	1.12E-10	4.44E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		670140.6	4340946	3.66E-09	5YrCancerI	3.52E-09	1.03E-10	4.10E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		670361.9	4340946	3.87E-09	5YrCancerI	3.76E-09	8.28E-11	3.30E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		670583.2	4340946	3.65E-09	5YrCancerI	3.57E-09	5.96E-11	2.37E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		670804.5	4340946	2.75E-09	5YrCancerI	2.69E-09	4.62E-11	1.84E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		671025.8	4340946	1.98E-09	5YrCancerI	1.93E-09	3.78E-11	1.50E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		671247.1	4340946	1.47E-09	5YrCancerI	1.43E-09	2.92E-11	1.16E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		671468.4	4340946	1.34E-09	5YrCancerI	1.30E-09	2.55E-11	1.01E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		671689.8	4340946	1.41E-09	5YrCancerI	1.38E-09	2.25E-11	8.96E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		671911.1	4340946	1.28E-09	5YrCancerI	1.25E-09	2.09E-11	8.34E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		672132.4	4340946	7.90E-10	5YrCancerI	7.70E-10	1.50E-11	5.95E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		672353.7	4340946	8.13E-10	5YrCancerI	7.92E-10	1.49E-11	5.92E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		672575	4340946	8.72E-10	5YrCancerI	8.51E-10	1.52E-11	6.04E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		668148.8	4341111	1.63E-09	5YrCancerI	1.56E-09	4.35E-11	1.73E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		668370.1	4341111	1.63E-09	5YrCancerI	1.56E-09	4.59E-11	1.82E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		668591.4	4341111	1.55E-09	5YrCancerI	1.48E-09	4.86E-11	1.93E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		668812.7	4341111	1.75E-09	5YrCancerI	1.67E-09	5.64E-11	2.24E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		669034	4341111	1.91E-09	5YrCancerI	1.81E-09	6.51E-11	2.59E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		669255.3	4341111	2.17E-09	5YrCancerI	2.07E-09	7.48E-11	2.98E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		669476.7	4341111	2.45E-09	5YrCancerI	2.33E-09	8.92E-11	3.55E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		669698	4341111	2.91E-09	5YrCancerI	2.75E-09	1.11E-10	4.41E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		669919.3	4341111	3.24E-09	5YrCancerI	3.07E-09	1.25E-10	4.98E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		670140.6	4341111	4.31E-09	5YrCancerI	4.12E-09	1.34E-10	5.34E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		670361.9	4341111	4.55E-09	5YrCancerI	4.38E-09	1.19E-10	4.75E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		670583.2	4341111	4.38E-09	5YrCancerI	4.26E-09	8.40E-11	3.35E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		670804.5	4341111	3.36E-09	5YrCancerI	3.28E-09	5.57E-11	2.22E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		671025.8	4341111	2.46E-09	5YrCancerI	2.40E-09	4.26E-11	1.70E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		671247.1	4341111	2.06E-09	5YrCancerI	2.01E-09	3.67E-11	1.46E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		671468.4	4341111	1.75E-09	5YrCancerI	1.71E-09	2.93E-11	1.17E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		671689.8	4341111	2.04E-09	5YrCancerI	2.00E-09	2.84E-11	1.13E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		671911.1	4341111	1.64E-09	5YrCancerI	1.61E-09	2.43E-11	9.67E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		672132.4	4341111	9.37E-10	5YrCancerI	9.14E-10	1.63E-11	6.49E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		672353.7	4341111	8.23E-10	5YrCancerI	8.03E-10	1.46E-11	5.80E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		672575	4341111	9.71E-10	5YrCancerI	9.49E-10	1.63E-11	6.48E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		668148.8	4341276	1.73E-09	5YrCancerI	1.67E-09	4.40E-11	1.75E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL		668370.1	4341276	1.64E-09	5YrCancerI	1.58E-09	4.44E-11	1.77E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL		668591.4	4341276	1.51E-09	5YrCancerI	1.45E-09	4.55E-11	1.81E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL		668812.7	4341276	1.68E-09	5YrCancerI	1.60E-09	5.32E-11	2.12E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		669034	4341276	1.92E-09	5YrCancerI	1.83E-09	6.57E-11	2.61E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		669255.3	4341276	2.20E-09	5YrCancerI	2.10E-09	7.54E-11	3.00E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		669476.7	4341276	2.46E-09	5YrCancerI	2.34E-09	8.60E-11	3.42E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL		669698	4341276	2.85E-09	5YrCancerI	2.70E-09	1.06E-10	4.21E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL		669919.3	4341276	3.81E-09	5YrCancerI	3.62E-09	1.32E-10	5.27E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		670140.6	4341276	4.66E-09	5YrCancerI	4.43E-09	1.66E-10	6.59E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL		670361.9	4341276	5.09E-09	5YrCancerI	4.86E-09	1.67E-10	6.65E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL		670583.2	4341276	4.71E-09	5YrCancerI	4.55E-09	1.19E-10	4.76E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL		670804.5	4341276	4.57E-09	5YrCancerI	4.47E-09	7.33E-11	2.92E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		671025.8	4341276	3.56E-09	5YrCancerI	3.49E-09	5.27E-11	2.10E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL		671247.1	4341276	3.49E-09	5YrCancerI	3.42E-09	4.97E-11	1.98E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL		671468.4	4341276	3.83E-09	5YrCancerI	3.77E-09	4.21E-11	1.67E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL		671689.8	4341276	3.30E-09	5YrCancerI	3.25E-09	3.63E-11	1.45E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		671911.1	4341276	2.30E-09	5YrCancerI	2.26E-09	2.95E-11	1.17E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		672132.4	4341276	1.21E-09	5YrCancerI	1.18E-09	1.89E-11	7.53E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		672353.7	4341276	9.46E-10	5YrCancerI	9.24E-10	1.55E-11	6.17E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL		672575	4341276	1.14E-09	5YrCancerI	1.11E-09	1.84E-11	7.32E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		668148.8	4341441	2.08E-09	5YrCancerI	2.01E-09	4.89E-11	1.94E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL		668370.1	4341441	1.70E-09	5YrCancerI	1.64E-09	4.41E-11	1.75E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL		668591.4	4341441	1.52E-09	5YrCancerI	1.46E-09	4.34E-11	1.72E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL		668812.7	4341441	1.66E-09	5YrCancerI	1.59E-09	5.06E-11	2.01E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL		669034	4341441	1.92E-09	5YrCancerI	1.84E-09	6.14E-11	2.44E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL		669255.3	4341441	2.18E-09	5YrCancerI	2.08E-09	6.80E-11	2.70E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

91	ALL	669476.7	4341441	2.44E-09	5YrCancerI	2.33E-09	8.08E-11	3.21E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	669698	4341441	2.84E-09	5YrCancerI	2.70E-09	1.02E-10	4.05E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	669919.3	4341441	3.61E-09	5YrCancerI	3.43E-09	1.29E-10	5.13E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	670140.6	4341441	4.48E-09	5YrCancerI	4.23E-09	1.74E-10	6.91E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	670361.9	4341441	5.62E-09	5YrCancerI	5.31E-09	2.20E-10	8.77E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	670583.2	4341441	5.65E-09	5YrCancerI	5.38E-09	1.95E-10	7.76E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	670804.5	4341441	6.55E-09	5YrCancerI	6.38E-09	1.25E-10	4.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	671025.8	4341441	5.79E-09	5YrCancerI	5.68E-09	7.79E-11	3.10E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	671689.8	4341441	8.93E-09	5YrCancerI	8.86E-09	5.48E-11	2.18E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	671911.1	4341441	3.17E-09	5YrCancerI	3.12E-09	3.34E-11	1.33E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	672132.4	4341441	1.64E-09	5YrCancerI	1.61E-09	2.31E-11	9.18E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	672353.7	4341441	1.35E-09	5YrCancerI	1.32E-09	2.14E-11	8.51E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	672575	4341441	1.78E-09	5YrCancerI	1.75E-09	2.40E-11	9.54E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	668148.8	4341606	2.11E-09	5YrCancerI	2.04E-09	4.92E-11	1.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	668370.1	4341606	1.64E-09	5YrCancerI	1.58E-09	4.25E-11	1.69E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	668591.4	4341606	1.54E-09	5YrCancerI	1.48E-09	4.28E-11	1.70E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	668812.7	4341606	1.72E-09	5YrCancerI	1.66E-09	4.88E-11	1.94E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	669034	4341606	1.96E-09	5YrCancerI	1.88E-09	5.56E-11	2.21E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	669255.3	4341606	2.22E-09	5YrCancerI	2.13E-09	6.38E-11	2.53E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	669476.7	4341606	2.43E-09	5YrCancerI	2.33E-09	7.42E-11	2.95E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	669698	4341606	2.68E-09	5YrCancerI	2.56E-09	8.74E-11	3.47E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	669919.3	4341606	3.09E-09	5YrCancerI	2.94E-09	1.08E-10	4.30E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	670140.6	4341606	3.97E-09	5YrCancerI	3.76E-09	1.54E-10	6.15E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	670361.9	4341606	5.22E-09	5YrCancerI	4.91E-09	2.24E-10	8.94E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	670583.2	4341606	7.11E-09	5YrCancerI	6.69E-09	3.02E-10	1.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	670804.5	4341606	9.52E-09	5YrCancerI	9.15E-09	2.65E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	671025.8	4341606	1.09E-08	5YrCancerI	1.07E-08	1.36E-10	5.43E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	671689.8	4341606	1.66E-08	5YrCancerI	1.65E-08	7.45E-11	2.97E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	671911.1	4341606	4.74E-09	5YrCancerI	4.68E-09	4.34E-11	1.73E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	672132.4	4341606	2.46E-09	5YrCancerI	2.41E-09	3.21E-11	1.28E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	672353.7	4341606	1.72E-09	5YrCancerI	1.69E-09	2.59E-11	1.03E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	672575	4341606	1.99E-09	5YrCancerI	1.95E-09	2.83E-11	1.13E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	668148.8	4341771	3.40E-09	5YrCancerI	3.30E-09	7.10E-11	2.82E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	668370.1	4341771	1.92E-09	5YrCancerI	1.85E-09	4.67E-11	1.86E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	668591.4	4341771	1.86E-09	5YrCancerI	1.79E-09	4.63E-11	1.84E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	668812.7	4341771	1.90E-09	5YrCancerI	1.84E-09	4.93E-11	1.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	669034	4341771	2.12E-09	5YrCancerI	2.04E-09	5.59E-11	2.22E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	669255.3	4341771	2.37E-09	5YrCancerI	2.28E-09	6.54E-11	2.60E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	669476.7	4341771	2.46E-09	5YrCancerI	2.36E-09	6.80E-11	2.70E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	669698	4341771	2.46E-09	5YrCancerI	2.36E-09	7.13E-11	2.83E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	669919.3	4341771	2.65E-09	5YrCancerI	2.53E-09	8.61E-11	3.42E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	670140.6	4341771	3.11E-09	5YrCancerI	2.95E-09	1.13E-10	4.50E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	670361.9	4341771	3.91E-09	5YrCancerI	3.68E-09	1.61E-10	6.43E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	670583.2	4341771	7.39E-09	5YrCancerI	6.94E-09	3.26E-10	1.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	670804.5	4341771	1.33E-08	5YrCancerI	1.26E-08	4.66E-10	1.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	671025.8	4341771	2.01E-08	5YrCancerI	1.96E-08	3.18E-10	1.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	671689.8	4341771	1.36E-08	5YrCancerI	1.35E-08	7.94E-11	3.16E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	671911.1	4341771	5.54E-09	5YrCancerI	5.46E-09	5.78E-11	2.30E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	672132.4	4341771	2.55E-09	5YrCancerI	2.50E-09	3.64E-11	1.45E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	672353.7	4341771	1.67E-09	5YrCancerI	1.64E-09	2.72E-11	1.08E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	672575	4341771	2.12E-09	5YrCancerI	2.07E-09	3.14E-11	1.25E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	668148.8	4341936	5.27E-09	5YrCancerI	5.13E-09	1.04E-10	4.13E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	668370.1	4341936	3.66E-09	5YrCancerI	3.56E-09	7.58E-11	3.01E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	668591.4	4341936	2.27E-09	5YrCancerI	2.19E-09	5.27E-11	2.09E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	668812.7	4341936	2.07E-09	5YrCancerI	2.00E-09	5.16E-11	2.05E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	669034	4341936	2.33E-09	5YrCancerI	2.24E-09	5.92E-11	2.35E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	669255.3	4341936	2.54E-09	5YrCancerI	2.45E-09	6.41E-11	2.55E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	669476.7	4341936	2.50E-09	5YrCancerI	2.41E-09	6.47E-11	2.57E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	669698	4341936	2.40E-09	5YrCancerI	2.30E-09	6.85E-11	2.72E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	669919.3	4341936	2.30E-09	5YrCancerI	2.20E-09	7.26E-11	2.89E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	670140.6	4341936	2.53E-09	5YrCancerI	2.41E-09	8.57E-11	3.41E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	670361.9	4341936	3.21E-09	5YrCancerI	3.05E-09	1.13E-10	4.49E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	670583.2	4341936	5.67E-09	5YrCancerI	5.40E-09	1.89E-10	7.53E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	670804.5	4341936	1.24E-08	5YrCancerI	1.18E-08	4.17E-10	1.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	671468.4	4341936	4.22E-08	5YrCancerI	4.19E-08	2.22E-10	8.84E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	671689.8	4341936	1.09E-08	5YrCancerI	1.07E-08	1.11E-10	4.42E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	671911.1	4341936	5.08E-09	5YrCancerI	4.98E-09	7.05E-11	2.81E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	672132.4	4341936	2.59E-09	5YrCancerI	2.53E-09	4.38E-11	1.74E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	672353.7	4341936	1.69E-09	5YrCancerI	1.65E-09	3.09E-11	1.23E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	672575	4341936	1.71E-09	5YrCancerI	1.67E-09	3.00E-11	1.19E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	668148.8	4342101	7.08E-09	5YrCancerI	6.89E-09	1.36E-10	5.42E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	668370.1	4342101	4.33E-09	5YrCancerI	4.20E-09	8.78E-11	3.49E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	668591.4	4342101	2.72E-09	5YrCancerI	2.63E-09	6.13E-11	2.44E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	668812.7	4342101	2.45E-09	5YrCancerI	2.37E-09	5.80E-11	2.31E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	669034	4342101	2.72E-09	5YrCancerI	2.63E-09	6.61E-11	2.63E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	669255.3	4342101	3.00E-09	5YrCancerI	2.90E-09	7.29E-11	2.90E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	669476.7	4342101	2.85E-09	5YrCancerI	2.75E-09	6.88E-11	2.73E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	669698	4342101	2.65E-09	5YrCancerI	2.55E-09	6.82E-11	2.71E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	669919.3	4342101	2.65E-09	5YrCancerI	2.54E-09	7.29E-11	2.90E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	670140.6	4342101	2.81E-09	5YrCancerI	2.69E-09	8.34E-11	3.32E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	670361.9	4342101	3.89E-09	5YrCancerI	3.74E-09	1.05E-10	4.15E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	670583.2	4342101	5.57E-09	5YrCancerI	5.36E-09	1.51E-10	5.99E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	671468.4	4342101	1.95E-08	5YrCancerI	1.91E-08	2.72E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	671689.8	4342101	8.15E-09	5YrCancerI	7.97E-09	1.29E-10	5.12E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	671911.1	4342101	4.48E-09	5YrCancerI	4.37E-09	7.79E-11	3.10E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	672132.4	4342101	2.64E-09	5YrCancerI	2.57E-09	4.99E-11	1.99E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	672353.7	4342101	1.75E-09	5YrCancerI	1.70E-09	3.47E-11	1.38E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	672575	4342101	1.66E-09	5YrCancerI	1.62E-09	3.12E-11	1.24E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	668148.8	4342266	9.46E-09	5YrCancerI	9.21E-09	1.79E-10	7.11E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	668370.1	4342266	6.27E-09	5YrCancerI	6.10E-09	1.23E-10	4.89E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	668591.4	4342266	5.80E-09	5YrCancerI	5.64E-09	1.15E-10	4.56E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

182	ALL	668812.7	4342266	4.04E-09	5YrCancerI	3.92E-09	8.54E-11	3.39E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	669034	4342266	3.86E-09	5YrCancerI	3.75E-09	8.41E-11	3.34E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	669255.3	4342266	3.86E-09	5YrCancerI	3.74E-09	8.74E-11	3.47E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	669476.7	4342266	3.57E-09	5YrCancerI	3.45E-09	8.59E-11	3.41E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	669698	4342266	3.21E-09	5YrCancerI	3.09E-09	8.58E-11	3.41E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	669919.3	4342266	3.18E-09	5YrCancerI	3.05E-09	9.03E-11	3.58E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	670140.6	4342266	3.49E-09	5YrCancerI	3.36E-09	9.72E-11	3.85E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	670361.9	4342266	4.32E-09	5YrCancerI	4.14E-09	1.26E-10	4.98E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	670583.2	4342266	5.90E-09	5YrCancerI	5.65E-09	1.78E-10	7.03E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	670804.5	4342266	9.88E-09	5YrCancerI	9.46E-09	3.03E-10	1.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	671025.8	4342266	2.24E-08	5YrCancerI	2.13E-08	7.84E-10	3.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	671247.1	4342266	3.11E-08	5YrCancerI	3.00E-08	7.64E-10	3.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	671468.4	4342266	1.36E-08	5YrCancerI	1.33E-08	2.26E-10	9.01E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	671689.8	4342266	6.66E-09	5YrCancerI	6.50E-09	1.21E-10	4.82E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	671911.1	4342266	3.78E-09	5YrCancerI	3.68E-09	7.53E-11	3.00E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	672132.4	4342266	2.62E-09	5YrCancerI	2.55E-09	5.28E-11	2.10E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	672353.7	4342266	1.90E-09	5YrCancerI	1.84E-09	3.84E-11	1.53E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	672575	4342266	2.07E-09	5YrCancerI	2.02E-09	3.65E-11	1.45E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	668148.8	4342431	1.15E-08	5YrCancerI	1.12E-08	2.17E-10	8.61E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	668370.1	4342431	1.29E-08	5YrCancerI	1.26E-08	2.43E-10	9.64E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	668591.4	4342431	1.23E-08	5YrCancerI	1.19E-08	2.32E-10	9.20E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	668812.7	4342431	1.05E-08	5YrCancerI	1.03E-08	2.01E-10	7.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	669034	4342431	8.27E-09	5YrCancerI	8.04E-09	1.60E-10	6.36E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	669255.3	4342431	6.29E-09	5YrCancerI	6.11E-09	1.27E-10	5.06E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	669476.7	4342431	4.68E-09	5YrCancerI	4.54E-09	1.05E-10	4.17E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	669698	4342431	3.87E-09	5YrCancerI	3.73E-09	9.45E-11	3.75E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	669919.3	4342431	3.76E-09	5YrCancerI	3.62E-09	1.01E-10	4.02E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	670140.6	4342431	4.11E-09	5YrCancerI	3.95E-09	1.18E-10	4.68E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	670361.9	4342431	4.78E-09	5YrCancerI	4.58E-09	1.44E-10	5.72E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	670583.2	4342431	6.55E-09	5YrCancerI	6.26E-09	2.08E-10	8.22E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	670804.5	4342431	1.09E-08	5YrCancerI	1.03E-08	4.03E-10	1.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	671025.8	4342431	2.15E-08	5YrCancerI	2.04E-08	8.35E-10	3.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	671247.1	4342431	1.50E-08	5YrCancerI	1.44E-08	4.31E-10	1.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	671468.4	4342431	9.27E-09	5YrCancerI	9.02E-09	1.79E-10	7.12E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	671689.8	4342431	5.31E-09	5YrCancerI	5.17E-09	9.97E-11	3.97E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	671911.1	4342431	3.24E-09	5YrCancerI	3.14E-09	6.64E-11	2.64E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	672132.4	4342431	2.39E-09	5YrCancerI	2.32E-09	4.98E-11	1.98E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	672353.7	4342431	2.41E-09	5YrCancerI	2.35E-09	4.32E-11	1.72E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	672575	4342431	2.00E-09	5YrCancerI	1.95E-09	3.72E-11	1.48E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	668148.8	4342596	1.42E-08	5YrCancerI	1.38E-08	2.67E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	668370.1	4342596	1.78E-08	5YrCancerI	1.73E-08	3.31E-10	1.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	668591.4	4342596	1.95E-08	5YrCancerI	1.90E-08	3.62E-10	1.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	668812.7	4342596	1.89E-08	5YrCancerI	1.84E-08	3.49E-10	1.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	669034	4342596	1.46E-08	5YrCancerI	1.42E-08	2.71E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	669255.3	4342596	9.77E-09	5YrCancerI	9.51E-09	1.89E-10	7.52E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	669476.7	4342596	7.27E-09	5YrCancerI	7.06E-09	1.51E-10	5.98E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	669698	4342596	5.24E-09	5YrCancerI	5.07E-09	1.25E-10	4.97E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	669919.3	4342596	4.93E-09	5YrCancerI	4.75E-09	1.25E-10	4.97E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	670140.6	4342596	4.93E-09	5YrCancerI	4.74E-09	1.39E-10	5.53E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	670361.9	4342596	5.62E-09	5YrCancerI	5.36E-09	1.84E-10	7.30E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	670583.2	4342596	6.91E-09	5YrCancerI	6.58E-09	2.37E-10	9.43E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	670804.5	4342596	9.90E-09	5YrCancerI	9.40E-09	3.61E-10	1.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	671025.8	4342596	1.53E-08	5YrCancerI	1.45E-08	5.72E-10	2.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	671247.1	4342596	1.07E-08	5YrCancerI	1.03E-08	3.19E-10	1.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	671468.4	4342596	6.58E-09	5YrCancerI	6.38E-09	1.45E-10	5.78E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	671689.8	4342596	4.16E-09	5YrCancerI	4.04E-09	7.99E-11	3.18E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	671911.1	4342596	2.71E-09	5YrCancerI	2.63E-09	5.59E-11	2.22E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	672132.4	4342596	2.07E-09	5YrCancerI	2.01E-09	4.43E-11	1.76E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	672353.7	4342596	1.99E-09	5YrCancerI	1.93E-09	3.91E-11	1.56E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	672575	4342596	1.89E-09	5YrCancerI	1.84E-09	3.53E-11	1.41E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	668148.8	4342761	1.71E-08	5YrCancerI	1.66E-08	3.19E-10	1.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	668370.1	4342761	2.54E-08	5YrCancerI	2.48E-08	4.68E-10	1.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	668591.4	4342761	3.22E-08	5YrCancerI	3.14E-08	5.89E-10	2.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	668812.7	4342761	3.58E-08	5YrCancerI	3.49E-08	6.51E-10	2.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	669034	4342761	2.42E-08	5YrCancerI	2.36E-08	4.44E-10	1.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	669255.3	4342761	1.63E-08	5YrCancerI	1.59E-08	3.09E-10	1.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	669476.7	4342761	1.20E-08	5YrCancerI	1.17E-08	2.38E-10	9.47E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	669698	4342761	7.64E-09	5YrCancerI	7.40E-09	1.74E-10	6.92E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	669919.3	4342761	6.46E-09	5YrCancerI	6.23E-09	1.63E-10	6.47E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	670140.6	4342761	5.91E-09	5YrCancerI	5.69E-09	1.63E-10	6.47E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	670361.9	4342761	6.44E-09	5YrCancerI	6.16E-09	2.00E-10	7.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	670583.2	4342761	7.01E-09	5YrCancerI	6.67E-09	2.43E-10	9.66E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	670804.5	4342761	1.08E-08	5YrCancerI	1.02E-08	4.23E-10	1.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	671025.8	4342761	9.29E-09	5YrCancerI	8.85E-09	3.18E-10	1.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	671247.1	4342761	7.10E-09	5YrCancerI	6.80E-09	2.11E-10	8.39E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	671468.4	4342761	5.14E-09	5YrCancerI	4.96E-09	1.24E-10	4.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	671689.8	4342761	3.63E-09	5YrCancerI	3.52E-09	7.36E-11	2.93E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	671911.1	4342761	2.38E-09	5YrCancerI	2.31E-09	4.82E-11	1.92E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	672132.4	4342761	1.85E-09	5YrCancerI	1.79E-09	3.96E-11	1.58E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	672353.7	4342761	1.68E-09	5YrCancerI	1.63E-09	3.53E-11	1.40E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	672575	4342761	1.54E-09	5YrCancerI	1.50E-09	3.01E-11	1.20E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	668148.8	4342926	1.73E-08	5YrCancerI	1.69E-08	3.23E-10	1.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	668370.1	4342926	3.03E-08	5YrCancerI	2.95E-08	5.55E-10	2.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	668591.4	4342926	4.56E-08	5YrCancerI	4.45E-08	8.20E-10	3.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	668812.7	4342926	6.85E-08	5YrCancerI	6.68E-08	1.22E-09	4.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	669034	4342926	9.28E-08	5YrCancerI	9.06E-08	1.62E-09	6.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	669476.7	4342926	2.58E-08	5YrCancerI	2.51E-08	4.87E-10	1.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	669698	4342926	1.16E-08	5YrCancerI	1.12E-08	2.54E-10	1.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	669919.3	4342926	7.84E-09	5YrCancerI	7.58E-09	1.91E-10	7.59E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	670140.6	4342926	6.63E-09	5YrCancerI	6.38E-09	1.81E-10	7.19E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	670361.9	4342926	6.58E-09	5YrCancerI	6.29E-09	2.04E-10	8.10E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

273	ALL	670583.2	4342926	9.43E-09	5YrCancerI	8.92E-09	3.63E-10	1.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	670804.5	4342926	8.55E-09	5YrCancerI	8.11E-09	3.19E-10	1.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	671025.8	4342926	6.14E-09	5YrCancerI	5.87E-09	1.98E-10	7.89E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	671247.1	4342926	5.44E-09	5YrCancerI	5.22E-09	1.60E-10	6.36E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	671468.4	4342926	4.01E-09	5YrCancerI	3.87E-09	1.00E-10	3.99E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	671689.8	4342926	3.04E-09	5YrCancerI	2.95E-09	6.48E-11	2.58E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	671911.1	4342926	2.14E-09	5YrCancerI	2.07E-09	4.38E-11	1.74E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	672132.4	4342926	1.56E-09	5YrCancerI	1.52E-09	3.28E-11	1.31E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	672353.7	4342926	1.41E-09	5YrCancerI	1.37E-09	3.05E-11	1.21E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	672575	4342926	1.27E-09	5YrCancerI	1.24E-09	2.69E-11	1.07E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	668148.8	4343090	1.57E-08	5YrCancerI	1.53E-08	2.94E-10	1.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	668370.1	4343090	2.99E-08	5YrCancerI	2.92E-08	5.49E-10	2.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	668591.4	4343090	6.27E-08	5YrCancerI	6.11E-08	1.11E-09	4.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	669476.7	4343090	3.85E-08	5YrCancerI	3.75E-08	7.24E-10	2.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	669698	4343090	1.45E-08	5YrCancerI	1.41E-08	3.18E-10	1.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	669919.3	4343090	9.05E-09	5YrCancerI	8.72E-09	2.38E-10	9.47E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	670140.6	4343090	7.05E-09	5YrCancerI	6.76E-09	2.09E-10	8.32E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	670361.9	4343090	8.46E-09	5YrCancerI	8.02E-09	3.17E-10	1.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	670583.2	4343090	7.66E-09	5YrCancerI	7.26E-09	2.89E-10	1.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	670804.5	4343090	6.14E-09	5YrCancerI	5.84E-09	2.10E-10	8.35E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	671025.8	4343090	4.78E-09	5YrCancerI	4.58E-09	1.49E-10	5.92E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	671247.1	4343090	4.28E-09	5YrCancerI	4.11E-09	1.24E-10	4.93E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	671468.4	4343090	3.31E-09	5YrCancerI	3.19E-09	8.44E-11	3.36E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	671689.8	4343090	2.55E-09	5YrCancerI	2.47E-09	5.68E-11	2.26E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	671911.1	4343090	1.89E-09	5YrCancerI	1.84E-09	3.96E-11	1.58E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	672132.4	4343090	1.44E-09	5YrCancerI	1.40E-09	3.02E-11	1.20E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	672353.7	4343090	1.12E-09	5YrCancerI	1.09E-09	2.38E-11	9.48E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	672575	4343090	1.02E-09	5YrCancerI	9.86E-10	2.22E-11	8.84E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	668148.8	4343255	1.29E-08	5YrCancerI	1.25E-08	2.43E-10	9.64E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	668370.1	4343255	2.52E-08	5YrCancerI	2.46E-08	4.62E-10	1.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	668591.4	4343255	9.49E-08	5YrCancerI	9.26E-08	1.70E-09	6.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	669476.7	4343255	2.99E-08	5YrCancerI	2.90E-08	6.08E-10	2.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	669698	4343255	1.77E-08	5YrCancerI	1.70E-08	5.62E-10	2.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	669919.3	4343255	1.19E-08	5YrCancerI	1.13E-08	4.20E-10	1.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	670140.6	4343255	1.06E-08	5YrCancerI	1.01E-08	4.12E-10	1.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	670361.9	4343255	7.49E-09	5YrCancerI	7.10E-09	2.78E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	670583.2	4343255	5.52E-09	5YrCancerI	5.26E-09	1.90E-10	7.54E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	670804.5	4343255	4.96E-09	5YrCancerI	4.73E-09	1.65E-10	6.57E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	671025.8	4343255	3.88E-09	5YrCancerI	3.71E-09	1.18E-10	4.69E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	671247.1	4343255	3.40E-09	5YrCancerI	3.26E-09	9.66E-11	3.85E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	671468.4	4343255	2.80E-09	5YrCancerI	2.70E-09	7.26E-11	2.89E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	671689.8	4343255	2.16E-09	5YrCancerI	2.09E-09	4.96E-11	1.98E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	671911.1	4343255	1.65E-09	5YrCancerI	1.60E-09	3.56E-11	1.42E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	672132.4	4343255	1.29E-09	5YrCancerI	1.25E-09	2.72E-11	1.08E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	672353.7	4343255	1.04E-09	5YrCancerI	1.00E-09	2.20E-11	8.75E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	672575	4343255	8.37E-10	5YrCancerI	8.12E-10	1.79E-11	7.13E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	668148.8	4343420	1.13E-08	5YrCancerI	1.10E-08	2.13E-10	8.48E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	668370.1	4343420	2.49E-08	5YrCancerI	2.43E-08	4.58E-10	1.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	668591.4	4343420	8.82E-08	5YrCancerI	8.60E-08	1.59E-09	6.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	668812.7	4343420	2.67E-07	5YrCancerI	2.61E-07	4.80E-09	1.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	669034	4343420	3.53E-07	5YrCancerI	3.45E-07	6.36E-09	2.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	669255.3	4343420	1.40E-07	5YrCancerI	1.36E-07	2.56E-09	1.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	669476.7	4343420	3.06E-08	5YrCancerI	2.97E-08	6.69E-10	2.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	669698	4343420	1.04E-08	5YrCancerI	1.00E-08	2.76E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	669919.3	4343420	7.54E-09	5YrCancerI	7.21E-09	2.33E-10	9.27E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	670140.6	4343420	5.97E-09	5YrCancerI	5.70E-09	1.92E-10	7.64E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	670361.9	4343420	4.96E-09	5YrCancerI	4.73E-09	1.64E-10	6.52E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	670583.2	4343420	4.32E-09	5YrCancerI	4.12E-09	1.42E-10	5.64E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	670804.5	4343420	3.99E-09	5YrCancerI	3.81E-09	1.29E-10	5.13E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	671025.8	4343420	3.48E-09	5YrCancerI	3.33E-09	1.04E-10	4.14E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	671247.1	4343420	2.99E-09	5YrCancerI	2.87E-09	8.50E-11	3.39E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	671468.4	4343420	2.34E-09	5YrCancerI	2.25E-09	6.08E-11	2.42E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	671689.8	4343420	1.87E-09	5YrCancerI	1.81E-09	4.43E-11	1.76E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	671911.1	4343420	1.46E-09	5YrCancerI	1.42E-09	3.23E-11	1.29E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	672132.4	4343420	1.15E-09	5YrCancerI	1.11E-09	2.46E-11	9.80E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	672353.7	4343420	9.26E-10	5YrCancerI	8.99E-10	1.97E-11	7.84E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	672575	4343420	7.67E-10	5YrCancerI	7.44E-10	1.64E-11	6.52E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	668148.8	4343585	9.02E-09	5YrCancerI	8.78E-09	1.72E-10	6.82E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	668370.1	4343585	2.02E-08	5YrCancerI	1.97E-08	3.70E-10	1.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	668591.4	4343585	6.46E-08	5YrCancerI	6.30E-08	1.17E-09	4.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	668812.7	4343585	1.24E-07	5YrCancerI	1.21E-07	2.22E-09	8.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	669034	4343585	1.28E-07	5YrCancerI	1.24E-07	2.30E-09	9.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	669255.3	4343585	6.61E-08	5YrCancerI	6.44E-08	1.22E-09	4.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	669476.7	4343585	2.12E-08	5YrCancerI	2.06E-08	4.30E-10	1.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	669698	4343585	9.56E-09	5YrCancerI	9.25E-09	2.24E-10	8.91E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	669919.3	4343585	6.16E-09	5YrCancerI	5.92E-09	1.67E-10	6.65E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	670140.6	4343585	4.77E-09	5YrCancerI	4.57E-09	1.43E-10	5.67E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	670361.9	4343585	4.00E-09	5YrCancerI	3.83E-09	1.26E-10	5.01E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	670583.2	4343585	3.55E-09	5YrCancerI	3.39E-09	1.13E-10	4.51E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	670804.5	4343585	3.29E-09	5YrCancerI	3.15E-09	1.04E-10	4.13E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	671025.8	4343585	3.08E-09	5YrCancerI	2.95E-09	9.28E-11	3.69E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	671247.1	4343585	2.51E-09	5YrCancerI	2.41E-09	7.11E-11	2.83E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	671468.4	4343585	2.08E-09	5YrCancerI	2.00E-09	5.50E-11	2.19E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	671689.8	4343585	1.72E-09	5YrCancerI	1.66E-09	4.22E-11	1.68E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	671911.1	4343585	1.35E-09	5YrCancerI	1.31E-09	3.07E-11	1.22E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	672132.4	4343585	1.08E-09	5YrCancerI	1.05E-09	2.37E-11	9.45E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	672353.7	4343585	8.67E-10	5YrCancerI	8.41E-10	1.86E-11	7.42E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	672575	4343585	7.27E-10	5YrCancerI	7.06E-10	1.56E-11	6.19E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	668148.8	4343750	1.12E-08	5YrCancerI	1.09E-08	2.10E-10	8.34E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	668370.1	4343750	1.89E-08	5YrCancerI	1.84E-08	3.49E-10	1.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	668591.4	4343750	4.33E-08	5YrCancerI	4.22E-08	7.84E-10	3.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

364	ALL	668812.7	4343750	7.40E-08	5YrCancerI	7.21E-08	1.33E-09	5.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	669034	4343750	6.73E-08	5YrCancerI	6.56E-08	1.22E-09	4.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	669255.3	4343750	3.97E-08	5YrCancerI	3.87E-08	7.40E-10	2.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	669476.7	4343750	1.71E-08	5YrCancerI	1.66E-08	3.43E-10	1.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	669698	4343750	8.18E-09	5YrCancerI	7.92E-09	1.88E-10	7.48E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	669919.3	4343750	5.31E-09	5YrCancerI	5.12E-09	1.39E-10	5.53E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	670140.6	4343750	4.13E-09	5YrCancerI	3.96E-09	1.18E-10	4.70E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	670361.9	4343750	3.46E-09	5YrCancerI	3.31E-09	1.05E-10	4.19E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	670583.2	4343750	3.08E-09	5YrCancerI	2.95E-09	9.48E-11	3.77E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	670804.5	4343750	2.82E-09	5YrCancerI	2.70E-09	8.59E-11	3.42E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	671025.8	4343750	2.61E-09	5YrCancerI	2.50E-09	7.72E-11	3.07E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	671247.1	4343750	2.33E-09	5YrCancerI	2.24E-09	6.52E-11	2.59E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	671468.4	4343750	2.04E-09	5YrCancerI	1.96E-09	5.46E-11	2.17E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	671689.8	4343750	1.72E-09	5YrCancerI	1.66E-09	4.44E-11	1.77E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	671911.1	4343750	1.37E-09	5YrCancerI	1.32E-09	3.31E-11	1.32E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	672132.4	4343750	1.05E-09	5YrCancerI	1.02E-09	2.40E-11	9.55E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	672353.7	4343750	8.23E-10	5YrCancerI	7.98E-10	1.80E-11	7.18E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	672575	4343750	6.97E-10	5YrCancerI	6.76E-10	1.51E-11	6.00E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	668148.8	4343915	1.33E-08	5YrCancerI	1.29E-08	2.48E-10	9.85E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	668370.1	4343915	1.93E-08	5YrCancerI	1.88E-08	3.56E-10	1.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	668591.4	4343915	3.26E-08	5YrCancerI	3.18E-08	5.96E-10	2.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	668812.7	4343915	4.78E-08	5YrCancerI	4.66E-08	8.71E-10	3.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	669034	4343915	4.50E-08	5YrCancerI	4.39E-08	8.26E-10	3.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	669255.3	4343915	2.80E-08	5YrCancerI	2.73E-08	5.28E-10	2.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	669476.7	4343915	1.38E-08	5YrCancerI	1.34E-08	2.78E-10	1.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	669698	4343915	7.32E-09	5YrCancerI	7.09E-09	1.65E-10	6.57E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	669919.3	4343915	4.75E-09	5YrCancerI	4.58E-09	1.21E-10	4.81E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	670140.6	4343915	3.65E-09	5YrCancerI	3.51E-09	1.02E-10	4.05E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	670361.9	4343915	3.11E-09	5YrCancerI	2.98E-09	9.09E-11	3.62E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	670583.2	4343915	2.76E-09	5YrCancerI	2.64E-09	8.25E-11	3.28E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	670804.5	4343915	2.51E-09	5YrCancerI	2.40E-09	7.48E-11	2.98E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	671025.8	4343915	2.29E-09	5YrCancerI	2.19E-09	6.71E-11	2.67E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	671247.1	4343915	2.09E-09	5YrCancerI	2.01E-09	5.84E-11	2.32E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	671468.4	4343915	1.74E-09	5YrCancerI	1.67E-09	4.73E-11	1.88E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	671689.8	4343915	1.44E-09	5YrCancerI	1.39E-09	3.71E-11	1.48E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	671911.1	4343915	1.19E-09	5YrCancerI	1.15E-09	2.95E-11	1.17E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	672132.4	4343915	1.01E-09	5YrCancerI	9.72E-10	2.40E-11	9.55E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	672353.7	4343915	8.24E-10	5YrCancerI	7.98E-10	1.88E-11	7.48E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	672575	4343915	6.81E-10	5YrCancerI	6.60E-10	1.52E-11	6.03E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	668148.8	4344080	1.24E-08	5YrCancerI	1.21E-08	2.33E-10	9.24E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	668370.1	4344080	1.82E-08	5YrCancerI	1.78E-08	3.38E-10	1.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	668591.4	4344080	2.67E-08	5YrCancerI	2.61E-08	4.92E-10	1.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	668812.7	4344080	3.45E-08	5YrCancerI	3.36E-08	6.34E-10	2.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	669034	4344080	3.22E-08	5YrCancerI	3.14E-08	5.98E-10	2.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	669255.3	4344080	2.13E-08	5YrCancerI	2.07E-08	4.07E-10	1.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	669476.7	4344080	1.20E-08	5YrCancerI	1.16E-08	2.42E-10	9.60E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	669698	4344080	6.63E-09	5YrCancerI	6.42E-09	1.48E-10	5.89E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	669919.3	4344080	4.27E-09	5YrCancerI	4.12E-09	1.07E-10	4.27E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	670140.6	4344080	3.25E-09	5YrCancerI	3.12E-09	9.03E-11	3.59E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	670361.9	4344080	2.82E-09	5YrCancerI	2.70E-09	8.00E-11	3.18E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	670583.2	4344080	2.50E-09	5YrCancerI	2.40E-09	7.29E-11	2.90E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	670804.5	4344080	2.27E-09	5YrCancerI	2.17E-09	6.66E-11	2.65E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	671025.8	4344080	1.94E-09	5YrCancerI	1.86E-09	5.57E-11	2.22E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	671247.1	4344080	1.87E-09	5YrCancerI	1.80E-09	5.19E-11	2.07E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	671468.4	4344080	1.67E-09	5YrCancerI	1.61E-09	4.44E-11	1.77E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	671689.8	4344080	1.24E-09	5YrCancerI	1.20E-09	3.22E-11	1.28E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	671911.1	4344080	9.84E-10	5YrCancerI	9.50E-10	2.43E-11	9.66E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	672132.4	4344080	8.11E-10	5YrCancerI	7.84E-10	1.91E-11	7.61E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	672353.7	4344080	6.97E-10	5YrCancerI	6.75E-10	1.60E-11	6.38E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	672575	4344080	5.90E-10	5YrCancerI	5.71E-10	1.32E-11	5.26E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	671464.7	4342094	2.04E-08	5YrCancerI	2.00E-08	2.81E-10	1.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	671482.2	4342064	2.09E-08	5YrCancerI	2.06E-08	2.63E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	671498.6	4342030	2.16E-08	5YrCancerI	2.13E-08	2.40E-10	9.58E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	671513.8	4341992	2.30E-08	5YrCancerI	2.27E-08	2.13E-10	8.48E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	671541.8	4341965	2.13E-08	5YrCancerI	2.11E-08	1.79E-10	7.13E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	671575.6	4341974	1.66E-08	5YrCancerI	1.64E-08	1.60E-10	6.37E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	671460.8	4342163	1.69E-08	5YrCancerI	1.66E-08	2.61E-10	1.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	671451	4342187	1.66E-08	5YrCancerI	1.62E-08	2.64E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	671510.7	4342220	1.26E-08	5YrCancerI	1.23E-08	2.04E-10	8.12E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	671524.1	4342193	1.24E-08	5YrCancerI	1.21E-08	1.98E-10	7.87E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	671522.9	4342251	1.15E-08	5YrCancerI	1.12E-08	1.89E-10	7.52E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	671599.1	4342253	8.87E-09	5YrCancerI	8.65E-09	1.53E-10	6.08E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	671627.8	4342257	8.06E-09	5YrCancerI	7.87E-09	1.41E-10	5.61E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	671583.9	4342116	1.08E-08	5YrCancerI	1.06E-08	1.65E-10	6.58E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	671595.5	4342072	1.13E-08	5YrCancerI	1.10E-08	1.60E-10	6.38E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	671663.1	4342056	9.37E-09	5YrCancerI	9.18E-09	1.35E-10	5.37E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	671600.9	4342030	1.24E-08	5YrCancerI	1.22E-08	1.58E-10	6.28E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	671526.6	4342156	1.29E-08	5YrCancerI	1.26E-08	1.99E-10	7.91E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	671629	4342292	7.68E-09	5YrCancerI	7.49E-09	1.34E-10	5.36E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	671641.8	4341981	1.18E-08	5YrCancerI	1.17E-08	1.33E-10	5.30E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	671666.8	4342019	9.96E-09	5YrCancerI	9.78E-09	1.31E-10	5.20E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	671407.1	4342220	1.85E-08	5YrCancerI	1.80E-08	3.12E-10	1.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	671415.6	4342183	1.99E-08	5YrCancerI	1.94E-08	3.21E-10	1.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	671635.1	4341706	2.22E-08	5YrCancerI	2.21E-08	7.68E-11	3.06E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	671693.6	4341710	1.55E-08	5YrCancerI	1.54E-08	7.20E-11	2.87E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	671719.8	4341736	1.35E-08	5YrCancerI	1.34E-08	7.35E-11	2.93E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	671673.5	4341630	1.95E-08	5YrCancerI	1.94E-08	6.98E-11	2.78E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	671888	4341936	5.50E-09	5YrCancerI	5.40E-09	7.42E-11	2.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	671977.6	4341952	4.07E-09	5YrCancerI	3.98E-09	6.16E-11	2.45E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	672039.2	4341895	3.35E-09	5YrCancerI	3.28E-09	5.00E-11	1.99E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	671858.2	4341754	8.12E-09	5YrCancerI	8.03E-09	6.47E-11	2.57E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

455	ALL	671922.8	4341634	4.73E-09	5YrCancerI	4.66E-09	4.52E-11	1.80E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	671613.7	4341791	2.19E-08	5YrCancerI	2.18E-08	9.25E-11	3.68E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	671853.3	4341731	8.27E-09	5YrCancerI	8.18E-09	6.22E-11	2.48E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	671783.8	4341586	9.79E-09	5YrCancerI	9.71E-09	5.61E-11	2.23E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	671783.2	4341547	8.94E-09	5YrCancerI	8.86E-09	5.27E-11	2.10E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	671769.2	4341461	7.35E-09	5YrCancerI	7.28E-09	4.93E-11	1.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	671800.9	4341421	5.63E-09	5YrCancerI	5.57E-09	4.32E-11	1.72E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	671880.1	4341427	3.46E-09	5YrCancerI	3.41E-09	3.50E-11	1.39E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	672012.4	4341505	2.41E-09	5YrCancerI	2.36E-09	2.91E-11	1.16E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	672084.3	4341548	2.39E-09	5YrCancerI	2.35E-09	3.03E-11	1.21E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	671915.5	4341478	3.40E-09	5YrCancerI	3.35E-09	3.46E-11	1.38E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	671903.3	4341564	4.47E-09	5YrCancerI	4.41E-09	4.09E-11	1.63E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	671863.1	4341522	4.91E-09	5YrCancerI	4.85E-09	4.17E-11	1.66E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	671830.1	4341336	3.75E-09	5YrCancerI	3.70E-09	3.73E-11	1.49E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	671835.6	4341288	3.15E-09	5YrCancerI	3.10E-09	3.50E-11	1.39E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	671825.9	4341275	3.12E-09	5YrCancerI	3.07E-09	3.47E-11	1.38E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	672136.7	4341371	1.38E-09	5YrCancerI	1.35E-09	2.02E-11	8.06E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	671920.3	4341307	2.28E-09	5YrCancerI	2.24E-09	2.92E-11	1.16E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	671695.4	4341257	3.05E-09	5YrCancerI	3.00E-09	3.50E-11	1.39E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	671682	4341176	2.30E-09	5YrCancerI	2.26E-09	3.04E-11	1.21E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	671991.7	4341196	1.74E-09	5YrCancerI	1.70E-09	2.51E-11	9.98E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	672022.1	4341232	1.66E-09	5YrCancerI	1.62E-09	2.40E-11	9.56E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	671992.3	4341178	1.59E-09	5YrCancerI	1.56E-09	2.40E-11	9.56E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	671540.6	4341238	2.44E-09	5YrCancerI	2.39E-09	3.25E-11	1.29E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	671575.3	4341178	1.90E-09	5YrCancerI	1.86E-09	2.81E-11	1.12E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	671454.7	4341196	2.35E-09	5YrCancerI	2.30E-09	3.47E-11	1.38E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	671523.5	4341116	1.70E-09	5YrCancerI	1.66E-09	2.73E-11	1.09E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	671413.2	4341127	2.02E-09	5YrCancerI	1.97E-09	3.38E-11	1.35E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	671471.1	4341065	1.60E-09	5YrCancerI	1.56E-09	2.79E-11	1.11E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	671601.6	4341051	1.68E-09	5YrCancerI	1.65E-09	2.58E-11	1.03E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	671198.6	4341254	3.07E-09	5YrCancerI	3.01E-09	4.60E-11	1.83E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	671278.5	4341212	2.71E-09	5YrCancerI	2.65E-09	4.35E-11	1.73E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	671230.3	4341133	2.12E-09	5YrCancerI	2.07E-09	3.73E-11	1.48E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	671073.1	4341272	3.39E-09	5YrCancerI	3.32E-09	4.93E-11	1.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	671122.5	4341374	4.96E-09	5YrCancerI	4.87E-09	6.20E-11	2.47E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	671118.8	4341397	5.44E-09	5YrCancerI	5.34E-09	6.59E-11	2.62E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	670978.4	4341324	4.29E-09	5YrCancerI	4.20E-09	6.32E-11	2.52E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	670932.9	4341394	5.47E-09	5YrCancerI	5.36E-09	7.91E-11	3.15E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	670935.2	4341367	5.09E-09	5YrCancerI	4.98E-09	7.41E-11	2.95E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	671108	4340976	1.80E-09	5YrCancerI	1.75E-09	3.52E-11	1.40E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL	671286.7	4340979	1.53E-09	5YrCancerI	1.49E-09	2.98E-11	1.19E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	671675.4	4342489	5.02E-09	5YrCancerI	4.89E-09	9.44E-11	3.76E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	671091.4	4342277	3.03E-08	5YrCancerI	2.89E-08	1.04E-09	4.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	671051.8	4342332	2.25E-08	5YrCancerI	2.14E-08	8.17E-10	3.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	671051.8	4342369	2.23E-08	5YrCancerI	2.11E-08	8.17E-10	3.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	670953	4342361	1.59E-08	5YrCancerI	1.51E-08	5.79E-10	2.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	670695.7	4342236	7.67E-09	5YrCancerI	7.34E-09	2.34E-10	9.24E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	670545.5	4342319	5.73E-09	5YrCancerI	5.48E-09	1.77E-10	7.02E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	670711.7	4342488	8.84E-09	5YrCancerI	8.40E-09	3.12E-10	1.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	670648.3	4342502	7.66E-09	5YrCancerI	7.29E-09	2.64E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	670648.3	4342631	7.05E-09	5YrCancerI	6.70E-09	2.56E-10	1.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	670806.3	4342728	9.86E-09	5YrCancerI	9.33E-09	3.76E-10	1.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	670688.2	4342739	6.87E-09	5YrCancerI	6.52E-09	2.46E-10	9.79E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	670804.9	4342428	1.09E-08	5YrCancerI	1.03E-08	4.04E-10	1.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	670439.5	4342472	5.49E-09	5YrCancerI	5.24E-09	1.77E-10	7.03E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	670358.4	4342579	5.49E-09	5YrCancerI	5.24E-09	1.77E-10	7.04E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	670546.6	4342662	6.99E-09	5YrCancerI	6.66E-09	2.36E-10	9.40E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	670537	4342595	6.67E-09	5YrCancerI	6.36E-09	2.22E-10	8.82E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	670483.5	4342777	6.81E-09	5YrCancerI	6.49E-09	2.25E-10	8.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	670508.2	4342755	6.90E-09	5YrCancerI	6.58E-09	2.32E-10	9.22E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	670517.8	4342869	7.05E-09	5YrCancerI	6.72E-09	2.37E-10	9.44E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	670545.3	4342851	7.00E-09	5YrCancerI	6.67E-09	2.38E-10	9.48E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	670582.4	4342878	7.39E-09	5YrCancerI	7.03E-09	2.58E-10	1.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	670304.9	4342689	5.76E-09	5YrCancerI	5.51E-09	1.79E-10	7.11E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	670039.7	4342661	5.34E-09	5YrCancerI	5.14E-09	1.44E-10	5.70E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	670156.5	4342673	5.44E-09	5YrCancerI	5.22E-09	1.60E-10	6.34E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	670236.2	4342649	5.43E-09	5YrCancerI	5.20E-09	1.68E-10	6.67E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	670071.3	4342738	5.90E-09	5YrCancerI	5.67E-09	1.67E-10	6.64E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	669990.2	4342753	6.14E-09	5YrCancerI	5.92E-09	1.63E-10	6.47E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	669928.4	4342742	6.25E-09	5YrCancerI	6.03E-09	1.58E-10	6.27E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	669815.8	4342673	5.81E-09	5YrCancerI	5.61E-09	1.41E-10	5.60E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	669743	4342656	5.74E-09	5YrCancerI	5.55E-09	1.38E-10	5.46E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	669791	4342745	6.84E-09	5YrCancerI	6.62E-09	1.63E-10	6.45E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	669696.3	4342731	7.08E-09	5YrCancerI	6.85E-09	1.63E-10	6.47E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	669536.9	4342553	6.03E-09	5YrCancerI	5.85E-09	1.30E-10	5.14E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	669228.6	4343290	3.39E-07	5YrCancerI	3.31E-07	6.20E-09	2.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	669170.4	4343325	3.72E-07	5YrCancerI	3.63E-07	6.72E-09	2.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	669284.8	4343340	1.93E-07	5YrCancerI	1.88E-07	3.66E-09	1.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	669324.1	4343251	1.95E-07	5YrCancerI	1.90E-07	3.55E-09	1.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	669359.8	4343290	8.81E-08	5YrCancerI	8.57E-08	1.70E-09	6.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	669370.4	4343387	6.79E-08	5YrCancerI	6.61E-08	1.36E-09	5.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	669423.9	4343410	4.25E-08	5YrCancerI	4.12E-08	8.89E-10	3.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	669488.1	4343420	2.86E-08	5YrCancerI	2.77E-08	6.34E-10	2.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	669649.9	4343378	1.33E-08	5YrCancerI	1.28E-08	3.56E-10	1.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	669720.5	4343374	1.10E-08	5YrCancerI	1.06E-08	3.12E-10	1.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	669770.4	4343323	1.32E-08	5YrCancerI	1.26E-08	4.38E-10	1.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	669764	4343211	1.30E-08	5YrCancerI	1.25E-08	3.60E-10	1.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	669764.7	4343112	1.22E-08	5YrCancerI	1.18E-08	2.87E-10	1.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	669888.7	4343142	9.73E-09	5YrCancerI	9.37E-09	2.62E-10	1.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	669888.7	4343250	1.20E-08	5YrCancerI	1.14E-08	4.07E-10	1.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	669864.5	4343261	1.36E-08	5YrCancerI	1.29E-08	4.80E-10	1.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

546	ALL	669088.8	4343481	2.05E-07	5YrCancerI	1.99E-07	3.69E-09	1.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	668973.4	4343427	3.23E-07	5YrCancerI	3.15E-07	5.80E-09	2.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	669006.2	4343427	3.32E-07	5YrCancerI	3.24E-07	5.98E-09	2.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	668940.6	4343516	1.78E-07	5YrCancerI	1.73E-07	3.18E-09	1.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	668922	4343557	1.43E-07	5YrCancerI	1.40E-07	2.57E-09	1.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	668475.6	4343142	3.84E-08	5YrCancerI	3.74E-08	6.92E-10	2.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	668572	4343208	6.86E-08	5YrCancerI	6.69E-08	1.22E-09	4.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	668567	4343041	4.88E-08	5YrCancerI	4.76E-08	8.73E-10	3.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	669299	4342841	2.61E-08	5YrCancerI	2.55E-08	4.76E-10	1.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	669377.8	4342728	1.28E-08	5YrCancerI	1.24E-08	2.48E-10	9.84E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	669384.5	4342770	1.53E-08	5YrCancerI	1.49E-08	2.93E-10	1.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	669341.7	4342653	1.00E-08	5YrCancerI	9.72E-09	1.99E-10	7.91E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	669307.3	4342655	1.05E-08	5YrCancerI	1.02E-08	2.07E-10	8.23E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL	670048.3	4342946	7.12E-09	5YrCancerI	6.86E-09	1.85E-10	7.36E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL	670299.6	4342854	6.36E-09	5YrCancerI	6.09E-09	1.91E-10	7.58E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	670426.4	4342917	6.85E-09	5YrCancerI	6.54E-09	2.21E-10	8.79E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	ALL	671174.9	4342280	3.57E-08	5YrCancerI	3.42E-08	1.05E-09	4.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL	671068.4	4342170	4.03E-08	5YrCancerI	3.88E-08	1.06E-09	4.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL	670965.7	4342179	2.02E-08	5YrCancerI	1.94E-08	5.61E-10	2.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	ALL	670815.5	4342198	9.99E-09	5YrCancerI	9.60E-09	2.83E-10	1.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL	670737.6	4342098	7.81E-09	5YrCancerI	7.53E-09	1.96E-10	7.74E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL	670762.3	4342069	8.56E-09	5YrCancerI	8.25E-09	2.18E-10	8.60E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL	670817.4	4342041	1.05E-08	5YrCancerI	1.01E-08	2.68E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	ALL	670895.4	4342025	1.49E-08	5YrCancerI	1.44E-08	3.94E-10	1.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL	670979	4341915	1.71E-08	5YrCancerI	1.66E-08	4.14E-10	1.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL	671115.9	4341864	2.71E-08	5YrCancerI	2.64E-08	5.27E-10	2.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	ALL	671199.6	4341771	3.11E-08	5YrCancerI	3.07E-08	2.42E-10	9.64E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	ALL	671222.4	4341377	6.02E-09	5YrCancerI	5.93E-09	6.36E-11	2.53E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	ALL	671714.8	4341392	6.47E-09	5YrCancerI	6.41E-09	4.62E-11	1.84E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	ALL	671366.9	4341999	8.40E-08	5YrCancerI	8.29E-08	7.75E-10	3.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL	671226.2	4342236	3.82E-08	5YrCancerI	3.69E-08	9.03E-10	3.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	ALL	669098.4	4343412	3.41E-07	5YrCancerI	3.32E-07	6.15E-09	2.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	ALL	668908.6	4343365	5.29E-07	5YrCancerI	5.15E-07	9.51E-09	3.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	ALL	668851.5	4343360	4.92E-07	5YrCancerI	4.80E-07	8.86E-09	3.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	ALL	668831.4	4343371	4.09E-07	5YrCancerI	3.99E-07	7.36E-09	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	ALL	668733.9	4343302	5.59E-07	5YrCancerI	5.45E-07	1.01E-08	4.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	ALL	668686.9	4343200	3.83E-07	5YrCancerI	3.73E-07	6.86E-09	2.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	ALL	668671.8	4343089	1.46E-07	5YrCancerI	1.42E-07	2.53E-09	1.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL	668806.2	4343002	1.47E-07	5YrCancerI	1.44E-07	2.55E-09	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	ALL	668918.7	4343025	1.72E-07	5YrCancerI	1.68E-07	2.95E-09	1.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586	ALL	669024.5	4342943	1.23E-07	5YrCancerI	1.20E-07	2.12E-09	8.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	ALL	669288.2	4342916	7.27E-08	5YrCancerI	7.09E-08	1.26E-09	4.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL	669333.6	4342923	6.07E-08	5YrCancerI	5.92E-08	1.07E-09	4.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	ALL	669365.5	4342978	9.40E-08	5YrCancerI	9.17E-08	1.62E-09	6.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	ALL	669337	4343151	2.28E-07	5YrCancerI	2.22E-07	4.07E-09	1.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL	669303.4	4343304	2.21E-07	5YrCancerI	2.15E-07	4.12E-09	1.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	ALL	669222.7	4343235	7.16E-07	5YrCancerI	6.98E-07	1.30E-08	5.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	ALL	669135.4	4343306	7.47E-07	5YrCancerI	7.28E-07	1.35E-08	5.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE\	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		668148.8	4340781	NonCancer	2.00E-04	1.21E-03	3.87E-03	0.00E+00	0.00E+00	1.21E-03	8.68E-05	0.00E+00	5.88E-05	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	3.87E-03
2	ALL		668370.1	4340781	NonCancer	1.68E-04	1.01E-03	3.22E-03	0.00E+00	0.00E+00	1.01E-03	7.74E-05	0.00E+00	4.90E-05	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	3.22E-03
3	ALL		668591.4	4340781	NonCancer	1.61E-04	9.66E-04	3.08E-03	0.00E+00	0.00E+00	9.68E-04	7.74E-05	0.00E+00	4.68E-05	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	3.08E-03
4	ALL		668812.7	4340781	NonCancer	1.60E-04	9.58E-04	3.05E-03	0.00E+00	0.00E+00	9.61E-04	7.92E-05	0.00E+00	4.64E-05	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	3.05E-03
5	ALL		669034	4340781	NonCancer	1.66E-04	9.95E-04	3.17E-03	0.00E+00	0.00E+00	9.98E-04	8.49E-05	0.00E+00	4.81E-05	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	3.17E-03
6	ALL		669255.3	4340781	NonCancer	1.03E-04	6.08E-04	1.93E-03	0.00E+00	0.00E+00	6.11E-04	6.59E-05	0.00E+00	2.92E-05	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	1.93E-03
7	ALL		669476.7	4340781	NonCancer	1.18E-04	6.97E-04	2.21E-03	0.00E+00	0.00E+00	7.00E-04	7.30E-05	0.00E+00	3.35E-05	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	2.21E-03
8	ALL		669698	4340781	NonCancer	8.55E-05	4.90E-04	1.54E-03	0.00E+00	0.00E+00	4.93E-04	6.34E-05	0.00E+00	2.34E-05	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	1.54E-03
9	ALL		669919.3	4340781	NonCancer	9.16E-05	5.21E-04	1.65E-03	0.00E+00	0.00E+00	5.39E-04	6.25E-05	0.00E+00	2.49E-05	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	1.65E-03
10	ALL		670140.6	4340781	NonCancer	4.94E-05	2.64E-04	8.33E-04	0.00E+00	0.00E+00	2.88E-04	4.30E-05	0.00E+00	1.24E-05	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	8.33E-04
11	ALL		670361.9	4340781	NonCancer	8.01E-05	4.52E-04	1.43E-03	0.00E+00	0.00E+00	4.76E-04	4.65E-05	0.00E+00	2.15E-05	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	1.43E-03
12	ALL		670583.2	4340781	NonCancer	7.41E-05	4.19E-04	1.46E-03	0.00E+00	0.00E+00	5.67E-04	4.05E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	1.46E-03
13	ALL		670804.5	4340781	NonCancer	3.67E-05	1.90E-04	7.33E-04	0.00E+00	0.00E+00	3.48E-04	2.47E-05	0.00E+00	9.24E-06	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	7.33E-04
14	ALL		671025.8	4340781	NonCancer	4.41E-05	2.36E-04	8.78E-04	0.00E+00	0.00E+00	3.91E-04	2.55E-05	0.00E+00	1.15E-05	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	8.78E-04
15	ALL		671247.1	4340781	NonCancer	3.41E-05	1.77E-04	5.92E-04	0.00E+00	0.00E+00	2.32E-04	1.94E-05	0.00E+00	8.33E-06	0.00E+00	0.00E+00	5.54E-05	0.00E+00	0.00E+00	5.92E-04
16	ALL		671468.4	4340781	NonCancer	3.09E-05	1.58E-04	5.27E-04	0.00E+00	0.00E+00	2.10E-04	1.78E-05	0.00E+00	7.37E-06	0.00E+00	0.00E+00	5.29E-05	0.00E+00	0.00E+00	5.27E-04
17	ALL		671689.8	4340781	NonCancer	3.27E-05	1.68E-04	5.53E-04	0.00E+00	0.00E+00	2.15E-04	1.59E-05	0.00E+00	7.83E-06	0.00E+00	0.00E+00	4.77E-05	0.00E+00	0.00E+00	5.53E-04
18	ALL		671911.1	4340781	NonCancer	2.86E-05	1.53E-04	4.95E-04	0.00E+00	0.00E+00	1.79E-04	1.47E-05	0.00E+00	7.22E-06	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	4.95E-04
19	ALL		672132.4	4340781	NonCancer	2.42E-05	1.33E-04	4.22E-04	0.00E+00	0.00E+00	1.44E-04	1.22E-05	0.00E+00	6.29E-06	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	4.22E-04
20	ALL		672353.7	4340781	NonCancer	3.57E-05	1.94E-04	6.14E-04	0.00E+00	0.00E+00	2.10E-04	1.57E-05	0.00E+00	9.15E-06	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	6.14E-04
21	ALL		672575	4340781	NonCancer	6.87E-05	3.86E-04	1.22E-03	0.00E+00	0.00E+00	4.07E-04	2.63E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	1.22E-03
22	ALL		668148.8	4340946	NonCancer	3.89E-04	2.36E-03	7.55E-03	0.00E+00	0.00E+00	2.37E-03	1.55E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	7.55E-03
23	ALL		668370.1	4340946	NonCancer	3.23E-04	1.96E-03	6.26E-03	0.00E+00	0.00E+00	1.96E-03	1.33E-04	0.00E+00	9.52E-05	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	6.26E-03
24	ALL		668591.4	4340946	NonCancer	2.78E-04	1.68E-03	5.37E-03	0.00E+00	0.00E+00	1.69E-03	1.18E-04	0.00E+00	8.17E-05	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	5.37E-03
25	ALL		668812.7	4340946	NonCancer	2.35E-04	1.42E-03	4.52E-03	0.00E+00	0.00E+00	1.42E-03	1.05E-04	0.00E+00	6.87E-05	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	4.52E-03
26	ALL		669034	4340946	NonCancer	1.58E-04	9.41E-04	2.99E-03	0.00E+00	0.00E+00	9.43E-04	8.09E-05	0.00E+00	4.54E-05	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	2.99E-03
27	ALL		669255.3	4340946	NonCancer	1.15E-04	6.77E-04	2.14E-03	0.00E+00	0.00E+00	6.81E-04	6.93E-05	0.00E+00	3.26E-05	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	2.14E-03
28	ALL		669476.7	4340946	NonCancer	1.24E-04	7.30E-04	2.31E-03	0.00E+00	0.00E+00	7.34E-04	7.54E-05	0.00E+00	3.52E-05	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	2.31E-03
29	ALL		669698	4340946	NonCancer	9.30E-05	5.33E-04	1.68E-03	0.00E+00	0.00E+00	5.38E-04	7.15E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	4.20E-06	0.00E+00	0.00E+00	1.68E-03
30	ALL		669919.3	4340946	NonCancer	8.56E-05	4.84E-04	1.53E-03	0.00E+00	0.00E+00	5.07E-04	7.06E-05	0.00E+00	2.30E-05	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	1.53E-03
31	ALL		670140.6	4340946	NonCancer	6.96E-05	3.84E-04	1.21E-03	0.00E+00	0.00E+00	4.09E-04	5.82E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	1.21E-03
32	ALL		670361.9	4340946	NonCancer	9.37E-05	5.32E-04	1.69E-03	0.00E+00	0.00E+00	5.61E-04	5.91E-05	0.00E+00	2.54E-05	0.00E+00	0.00E+00	2.88E-05	0.00E+00	0.00E+00	1.69E-03
33	ALL		670583.2	4340946	NonCancer	6.50E-05	3.59E-04	1.29E-03	0.00E+00	0.00E+00	5.36E-04	4.05E-05	0.00E+00	1.74E-05	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	1.29E-03
34	ALL		670804.5	4340946	NonCancer	4.69E-05	2.52E-04	9.39E-04	0.00E+00	0.00E+00	4.20E-04	3.13E-05	0.00E+00	1.22E-05	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	9.39E-04
35	ALL		671025.8	4340946	NonCancer	4.28E-05	2.27E-04	8.62E-04	0.00E+00	0.00E+00	3.96E-04	2.70E-05	0.00E+00	1.11E-05	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	8.62E-04
36	ALL		671247.1	4340946	NonCancer	3.11E-05	1.57E-04	5.29E-04	0.00E+00	0.00E+00	2.15E-04	1.92E-05	0.00E+00	7.35E-06	0.00E+00	0.00E+00	5.82E-05	0.00E+00	0.00E+00	5.29E-04
37	ALL		671468.4	4340946	NonCancer	3.26E-05	1.67E-04	5.59E-04	0.00E+00	0.00E+00	2.23E-04	1.83E-05	0.00E+00	7.81E-06	0.00E+00	0.00E+00	5.64E-05	0.00E+00	0.00E+00	5.59E-04
38	ALL		671689.8	4340946	NonCancer	3.39E-05	1.69E-04	5.61E-04	0.00E+00	0.00E+00	2.28E-04	1.68E-05	0.00E+00	7.81E-06	0.00E+00	0.00E+00	5.96E-05	0.00E+00	0.00E+00	5.61E-04
39	ALL		671911.1	4340946	NonCancer	3.22E-05	1.59E-04	5.21E-04	0.00E+00	0.00E+00	2.08E-04	1.55E-05	0.00E+00	7.33E-06	0.00E+00	0.00E+00	4.92E-05	0.00E+00	0.00E+00	5.21E-04
40	ALL		672132.4	4340946	NonCancer	3.05E-05	1.71E-04	5.40E-04	0.00E+00	0.00E+00	1.80E-04	1.48E-05	0.00E+00	8.10E-06	0.00E+00	0.00E+00	9.23E-06	0.00E+00	0.00E+00	5.40E-04
41	ALL		672353.7	4340946	NonCancer	6.74E-05	3.89E-04	1.23E-03	0.00E+00	0.00E+00	4.01E-04	2.74E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	1.23E-03
42	ALL		672575	4340946	NonCancer	9.88E-05	5.68E-04	1.81E-03	0.00E+00	0.00E+00	5.90E-04	3.76E-05	0.00E+00	2.72E-05	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	1.81E-03
43	ALL		668148.8	4341111	NonCancer	4.91E-04	2.99E-03	9.55E-03	0.00E+00	0.00E+00	2.99E-03	1.91E-04	0.00E+00	1.45E-04	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	9.55E-03
44	ALL		668370.1	4341111	NonCancer	4.55E-04	2.77E-03	8.84E-03	0.00E+00	0.00E+00	2.77E-03	1.79E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	8.84E-03
45	ALL		668591.4	4341111	NonCancer	3.03E-04	1.83E-03	5.85E-03	0.00E+00	0.00E+00	1.84E-03	1.26E-04	0.00E+00	8.90E-05	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	5.85E-03
46	ALL		668812.7	4341111	NonCancer	2.04E-04	1.22E-03	3.90E-03	0.00E+00	0.00E+00	1.23E-03	9.15E-05	0.00E+00	5.93E-05	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	3.90E-03
47	ALL		669034	4341111	NonCancer	1.94E-04	1.16E-03	3.70E-03	0.00E+00	0.00E+00	1.17E-03	9.17E-05	0.00E+00	5.62E-05	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	3.70E-03
48	ALL		669255.3	4341111	NonCancer	1.58E-04	9.41E-04	2.99E-03	0.00E+00	0.00E+00	9.44E-04	8.20E-05	0.00E+00	4.54E-05	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	2.99E-03
49	ALL		669476.7	4341111	NonCancer	1.21E-04	7.07E-04	2.24E-03	0.00E+00	0.00E+00	7.11E-04	7.40E-05	0.00E+00	3.40E-05	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	2.24E-03
50	ALL		669698	4341111	NonCancer	1.03E-04	5.90E-04	1.86E-03	0.00E+00	0.00E+00	5.94E-04	7.64E-05	0.00E+00	2.82E-05	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	1.86E-03
51	ALL		669919.3	4341111	NonCancer	8.96E-05	5.09E-04	1.60E-03	0.00E+00	0.00E+00	5.14E-04	7.80E-05	0.00E+00	2.42E-05	0.00E+00	0.00E+00	5.31E-06	0.00E+00	0.00E+00	1.60E-03
52	ALL		670140.6	4341111	NonCancer	8.69E-05	4.88E-04	1.55E-03	0.00E+00	0.00E+00	5.16E-04	7.89E-05	0.00E+00	2.32E-05	0.00E+00	0.00E+00	2.84E-05	0.00E+00	0.00E+00	1.55E-03
53	ALL		670361.9	4341111	NonCancer	9.07E-05	5.13E-04	1.63E-03	0.00E+00	0.00E+00	5.42E-04	7.35E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	2.92E-05	0.00E+00	0.00E+00	1.63E-03
54	ALL		670583.2	4341111	NonCancer	4.64E-05	2.45E-04	7.70E-04	0.00E+00	0.00E+00	2.68E-04	4.25E-05	0.00E+00	1.14E-05	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	7.70E-04
55	ALL		670804.5	4341111	NonCancer	5.00E-05	2.71E-04	9.96E-04	0.00E+00	0.00E+00	4.33E-04	3.63E-05	0.00E+00	1.32E-05	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	9.96E-04
56	ALL		671025.8	4341111	NonCancer	3.32E-05	1.70E-04	6.74E-04	0.00E+00	0.00E+00	3.34E-04	2.53E-05	0.00E+00	8.26E-06	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	6.74E-04
57	ALL		671247.1	4341111	NonCancer	3.47E-05	1.76E-04	6.13E-04	0.00E+00	0.00E+00	2.63E-04	2.30E-05	0.00E+00	8.27E-06	0.00E+00	0.00E+00	8.75E-05	0.00E+00	0.00E+00	6.13E-04
58	ALL		671468.4	4341111	NonCancer	3.27E-05	1.64E-04	5.50E-04	0.00E+00	0.00E+00	2.26E-04	1.90E-05	0.00E+00	7.61E-06	0.00E+00	0.00E+00	6.26E-05	0.00E+00	0.00E+00	5.50E-04
59	ALL		671689.8	4341111	NonCancer	3.76E-05	1.75E-04	6.21E-04	0.00E+00	0.00E+00	2.90E-04	1.87E-05	0.00E+00	8.05E-06	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	6.21E-04
60	ALL		671911.1	4341111	NonCancer	5.61E-05	2.96E-04	9.46E-04	0.00E+00	0.00E+00	3.41E-04	2.44E-05	0.00E+00	1.38E-05	0.00E+00	0.00E+00	4.54E-05	0.00E+00	0.00E+00	9.46E-04
61	ALL		672132.4	4341111	NonCancer	6.66E-05	3.85E-04	1.22E-03	0.00E+00	0.00E+00	3.95E-04	2.78E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	9.67E-06	0.00E+00	0.00E+00	1.22E-03
62	ALL		672353.7	4341111	NonCancer	8.61E-05	5.06E-04	1.61E-03	0.00E+00	0.00E+00	5.15E-04	3.45E-05	0.00E+00	2.43E-05	0.00E+00	0.00E+00	9.27E-06	0.00E+00	0.00E+00	1.61E-03
63	ALL		672575	4341111	NonCancer	9.75E-05	5.60E-04	1.78E-03	0.00E+00	0.00E+00	5.84E-04	3.76E-05	0.00E+00	2.68E-05	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	1.78E-03
64	ALL		668148.8	4341276	NonCancer	5.13E-04	3.13E-03	9.99E-03	0.00E+00	0.00E+00	3.13E-03	1.98E-04	0.00E+00	1.52E-04	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	9.99E-03
65	ALL		668370.1	4341276	NonCancer	3.62E-04	2.20E-03	7.02E-03	0.00E+00	0.00E+00	2.20E-03	1.43E-04	0.00E+00	1.07E-04	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	7.02E-03
66	ALL		668591.4	4341276	NonCancer	2.61E-04	1.58E-03	5.04E-03	0.00E+00	0.00E+00	1.58E-03	1.08E-04	0.00E+00	7.66E-05	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	5.04E-03
67	ALL		668812.7	4341276	NonCancer	1.39E-04	8.25E-04	2.62E-03	0.00E+00	0.00E+00	8.28E-04	6.54E-05	0.00E+00	3.98E-05	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	2.62E-03
68	ALL		669034	4341276	NonCancer	1.12E-04	6.54E-04	2.07E-03	0.00E+00	0.00E+00	6.57E-04	6.04E-05	0.00E+00	3.14E-05	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	2.07E-03
69	ALL		669255.3	4341276	NonCancer	1.21E-04	7.09E-04	2.24E-03	0.00E+00	0.00E+00	7.13E-04	6.69E-05	0.00E+00	3.41E-05	0.00E+00	0.00E+00	3.57E-06	0.00E+00	0.00E+00	2.24E-03
70	ALL		669476.7	4341276	NonCancer	1.17E-04	6.81E-04	2.15E-03	0.00E+00	0.00E+00	6.85E-04	6.98E-05	0.00E+00	3.27E-05	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	2.15E-03
71	ALL		669698	4341276	NonCancer	1.21E-04	7.01E-04	2.21E-03	0.00E+00	0.00E+00	7.06E-04	8.02E-05	0.00E+00	3.36E-05	0.00E+00	0.00E+00	4.79E-06	0.00E+00	0.00E+00	2.21E-03
72	ALL		669919.3	4341276	NonCancer	6.94E-05	3.83E-04	1.21E-03	0.00E+00	0.00E+00	4.10E-04	7.34E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	1.21E-03
73	ALL		670140.6	4341276	NonCancer	9.36E-05	5.33E-04	1.70E-03	0.00E+00	0.00E+00	5.60E-04	9.97E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	1.70E-03
74	ALL		670361.9	4341276	NonCancer	7.13E-05	3.95E-04	1.25E-03	0.00E+00	0.00E+00	4.19E-04	8.76E-05	0.00E+00	1.87E-05	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	1.25E-03
75	ALL		670583.2	4341276	NonCancer	5.56E-05	3.04E-04	9.57E-04	0.00E+00	0.00E+00	3.23E-04	6.10E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	1.96E-05	0.00E+00	0.00E+00	9.57E-04
76	ALL		670804.5	4341276	NonCancer	4.41E-05	2.35E-04	8.53E-04	0.00E+00	0.00E+00	3.69E-04	3.90E-05	0.00E+00	1.14E-05	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	8.53E-04
77	ALL		671025.8	4341276	NonCancer	3.45E-05	1.78E-04	7.06E-04	0.00E+00	0.00E+00	3.49E-04	2.95E-05	0.00E+00	8.66E-06	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	7.06E-04
78	ALL		671247.1	4341276	NonCancer	3.65E-05	1.81E-04	6.92E-04	0.00E+00	0.00E+00	3.35E-04	2.79E-05	0.00E+00	8.67E-06	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	6.92E-04
79	ALL		671468.4	4341276	NonCancer	4.06E-05	1.88E-04	6.34E-04	0.00E+00	0.00E+00	2.79E-04	2.29E-05	0.00E+00	8.53E-06	0.00E+00	0.00E+00	9.16E-05	0.00E+00	0.00E+00	6.34E-04
80	ALL		671689.8	4341276	NonCancer	7.46E-05	3.82E-04	1.36E-03	0.00E+00	0.00E+00	5.87E-04	3.27E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	1.36E-03
81	ALL		671911.1	4341276	NonCancer	1.06E-04	5.89E-04	1.89E-03	0.00E+00	0.00E+00	6.52E-04	4.30E-05	0.00E+00	2.79E-05	0.00E+00	0.00E+00	6.32E-05	0.00E+00	0.00E+00	1.89E-03
82	ALL		672132.4	4341276	NonCancer	9.41E-05	5.47E-04	1.73E-03	0.00E+00	0.00E+00	5.58E-04	3.84E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.73E-03
83	ALL		672353.7	4341276	NonCancer	7.26E-05	4.22E-04	1.34E-03	0.00E+00	0.00E+00	4.29E-04	2.98E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	7.18E-06	0.00E+00	0.00E+00	1.34E-03
84	ALL		672575	4341276	NonCancer	6.57E-05	3.65E-04	1.16E-03	0.00E+00	0.00E+00	3.91E-04	2.65E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	1.16E-03
85	ALL		668148.8	4341441	NonCancer	5.52E-04	3.36E-03	1.07E-02	0.00E+00	0.00E+00	3.36E-03	2.11E-04	0.00E+00	1.63E-04	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	1.07E-02
86	ALL		668370.1	4341441	NonCancer	3.40E-04	2.07E-03	6.60E-03	0.00E+00	0.00E+00	2.07E-03	1.34E-04	0.00E+00	1.00E-04	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	6.60E-03
87	ALL		668591.4	4341441	NonCancer	2.30E-04	1.39E-03	4.43E-03	0.00E+00	0.00E+00	1.39E-03	9.49E-05	0.00E+00	6.74E-05	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	4.43E-03
88	ALL		668812.7	4341441	NonCancer	1.15E-04	6.79E-04	2.15E-03	0.00E+00	0.00E+00	6.81E-04	5.46E-05	0.00E+00	3.27E-05	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	2.15E-03
89	ALL		669034	4341441	NonCancer	1.18E-04	6.94E-04	2.19E-03	0.00E+00	0.00E+00	6.97E-04	5.95E-05	0.00E+00	3.33E-05	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	2.19E-03
90	ALL		669255.3	4341441	NonCancer	1.39E-04	8.16E-04	2.59E-03	0.00E+00	0.00E+00	8.20E-04	6.83E-05	0.00E+00	3.93E-05	0.00E+00	0.00E+00	3.70E-06	0.00E+00	0.00E+00	2.59E-03
91	ALL		669476.7	4341441	NonCancer	1.17E-04	6.82E-04	2.15E-03	0.00E+00	0.00E+00	6.86E-04	6.57E-05	0.00E+00	3.27E-05	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	2.15E-03
92	ALL		669698	4341441	NonCancer	1.20E-04	6.90E-04	2.17E-03	0.00E+00	0.00E+00	6.95E-04	7.63E-05	0.00E+00	3.30E-05	0.00E+00	0.00E+00	5.02E-06	0.00E+00	0.00E+00	2.17E-03
93	ALL		669919.3	4341441	NonCancer	8.61E-05	4.84E-04	1.54E-03	0.00E+00	0.00E+00	5.13E-04	7.93E-05	0.00E+00	2.30E-05	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	1.54E-03
94	ALL		670140.6	4341441	NonCancer	9.56E-05	5.45E-04	1.73E-03	0.00E+00	0.00E+00	5.69E-04	1.06E-04	0.00E+00	2.60E-05	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	1.73E-03
95	ALL		670361.9	4341441	NonCancer	5.82E-05	3.17E-04	1.00E-03	0.00E+00	0.00E+00	3.40E-04	1.13E-04	0.00E+00	1.49E-05	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	1.00E-03
96	ALL		670583.2	4341441	NonCancer	5.66E-05	3.08E-04	9.72E-04	0.00E+00	0.00E+00	3.30E-04	9.17E-05	0.00E+00	1.45E-05	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	9.72E-04
97	ALL		670804.5	4341441	NonCancer	3.92E-05	1.95E-04	6.30E-04	0.00E+00	0.00E+00	2.43E-04	5.12E-05	0.00E+00	9.00E-06	0.00E+00	0.00E+00	4.76E-05	0.00E+00	0.00E+00	6.30E-04
98	ALL		671025.8	4341441	NonCancer	3.77E-05	1.89E-04	7.41E-04	0.00E+00	0.00E+00	3.65E-04	3.88E-05	0.00E+00	9.14E-06	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	7.41E-04

99	ALL	671689.8	4341441	NonCancer	1.35E-04	7.33E-04	2.51E-03	0.00E+00	0.00E+00	9.81E-04	5.71E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	2.51E-03
100	ALL	671911.1	4341441	NonCancer	1.27E-04	7.15E-04	2.29E-03	0.00E+00	0.00E+00	7.70E-04	5.18E-05	0.00E+00	3.41E-05	0.00E+00	0.00E+00	5.46E-05	0.00E+00	0.00E+00	2.29E-03
101	ALL	672132.4	4341441	NonCancer	7.90E-05	4.49E-04	1.42E-03	0.00E+00	0.00E+00	4.63E-04	3.40E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	1.42E-03
102	ALL	672353.7	4341441	NonCancer	4.90E-05	2.68E-04	8.39E-04	0.00E+00	0.00E+00	2.81E-04	2.25E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	8.39E-04
103	ALL	672575	4341441	NonCancer	5.85E-05	3.05E-04	9.40E-04	0.00E+00	0.00E+00	3.19E-04	2.37E-05	0.00E+00	1.41E-05	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	9.40E-04
104	ALL	668148.8	4341606	NonCancer	2.73E-04	1.66E-03	5.29E-03	0.00E+00	0.00E+00	1.66E-03	1.08E-04	0.00E+00	8.04E-05	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	5.29E-03
105	ALL	668370.1	4341606	NonCancer	1.93E-04	1.16E-03	3.71E-03	0.00E+00	0.00E+00	1.17E-03	7.89E-05	0.00E+00	5.64E-05	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	3.71E-03
106	ALL	668591.4	4341606	NonCancer	1.53E-04	9.15E-04	2.91E-03	0.00E+00	0.00E+00	9.18E-04	6.50E-05	0.00E+00	4.42E-05	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	2.91E-03
107	ALL	668812.7	4341606	NonCancer	1.30E-04	7.71E-04	2.45E-03	0.00E+00	0.00E+00	7.74E-04	5.79E-05	0.00E+00	3.72E-05	0.00E+00	0.00E+00	2.94E-06	0.00E+00	0.00E+00	2.45E-03
108	ALL	669034	4341606	NonCancer	1.44E-04	8.54E-04	2.71E-03	0.00E+00	0.00E+00	8.57E-04	6.45E-05	0.00E+00	4.12E-05	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	2.71E-03
109	ALL	669255.3	4341606	NonCancer	1.42E-04	8.39E-04	2.66E-03	0.00E+00	0.00E+00	8.43E-04	6.60E-05	0.00E+00	4.04E-05	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	2.66E-03
110	ALL	669476.7	4341606	NonCancer	1.23E-04	7.16E-04	2.26E-03	0.00E+00	0.00E+00	7.20E-04	6.29E-05	0.00E+00	3.43E-05	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	2.26E-03
111	ALL	669698	4341606	NonCancer	1.13E-04	6.47E-04	2.03E-03	0.00E+00	0.00E+00	6.52E-04	6.54E-05	0.00E+00	3.09E-05	0.00E+00	0.00E+00	5.21E-06	0.00E+00	0.00E+00	2.03E-03
112	ALL	669919.3	4341606	NonCancer	1.02E-04	5.82E-04	1.85E-03	0.00E+00	0.00E+00	6.10E-04	7.47E-05	0.00E+00	2.78E-05	0.00E+00	0.00E+00	2.83E-05	0.00E+00	0.00E+00	1.85E-03
113	ALL	670140.6	4341606	NonCancer	8.55E-05	4.80E-04	1.52E-03	0.00E+00	0.00E+00	5.07E-04	9.28E-05	0.00E+00	2.29E-05	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	1.52E-03
114	ALL	670361.9	4341606	NonCancer	6.81E-05	3.76E-04	1.19E-03	0.00E+00	0.00E+00	3.99E-04	1.23E-04	0.00E+00	1.78E-05	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	1.19E-03
115	ALL	670583.2	4341606	NonCancer	4.63E-05	2.39E-04	7.56E-04	0.00E+00	0.00E+00	2.72E-04	1.46E-04	0.00E+00	1.11E-05	0.00E+00	0.00E+00	3.34E-05	0.00E+00	0.00E+00	7.56E-04
116	ALL	670804.5	4341606	NonCancer	4.70E-05	2.27E-04	7.67E-04	0.00E+00	0.00E+00	3.27E-04	9.89E-05	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	7.67E-04
117	ALL	671025.8	4341606	NonCancer	4.30E-05	2.07E-04	8.01E-04	0.00E+00	0.00E+00	3.99E-04	5.35E-05	0.00E+00	9.85E-06	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	8.01E-04
118	ALL	671689.8	4341606	NonCancer	1.50E-04	8.22E-04	2.72E-03	0.00E+00	0.00E+00	1.00E-03	6.58E-05	0.00E+00	3.92E-05	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	2.72E-03
119	ALL	671911.1	4341606	NonCancer	9.79E-05	5.40E-04	1.77E-03	0.00E+00	0.00E+00	6.33E-04	4.45E-05	0.00E+00	2.57E-05	0.00E+00	0.00E+00	9.30E-05	0.00E+00	0.00E+00	1.77E-03
120	ALL	672132.4	4341606	NonCancer	5.68E-05	2.95E-04	9.23E-04	0.00E+00	0.00E+00	3.23E-04	2.73E-05	0.00E+00	1.37E-05	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	9.23E-04
121	ALL	672353.7	4341606	NonCancer	6.50E-05	3.54E-04	1.11E-03	0.00E+00	0.00E+00	3.73E-04	2.89E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	1.11E-03
122	ALL	672575	4341606	NonCancer	7.28E-05	3.93E-04	1.21E-03	0.00E+00	0.00E+00	3.97E-04	3.01E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	3.95E-06	0.00E+00	0.00E+00	1.21E-03
123	ALL	668148.8	4341771	NonCancer	5.15E-04	3.14E-03	1.00E-02	0.00E+00	0.00E+00	3.14E-03	1.96E-04	0.00E+00	1.52E-04	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	1.00E-02
124	ALL	668370.1	4341771	NonCancer	1.80E-04	1.08E-03	3.45E-03	0.00E+00	0.00E+00	1.08E-03	7.30E-05	0.00E+00	5.24E-05	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	3.45E-03
125	ALL	668591.4	4341771	NonCancer	2.24E-04	1.35E-03	4.30E-03	0.00E+00	0.00E+00	1.35E-03	8.99E-05	0.00E+00	6.54E-05	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	4.30E-03
126	ALL	668812.7	4341771	NonCancer	1.90E-04	1.14E-03	3.63E-03	0.00E+00	0.00E+00	1.14E-03	7.82E-05	0.00E+00	5.51E-05	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	3.63E-03
127	ALL	669034	4341771	NonCancer	1.49E-04	8.87E-04	2.81E-03	0.00E+00	0.00E+00	8.90E-04	6.44E-05	0.00E+00	4.28E-05	0.00E+00	0.00E+00	3.37E-06	0.00E+00	0.00E+00	2.81E-03
128	ALL	669255.3	4341771	NonCancer	1.28E-04	7.49E-04	2.37E-03	0.00E+00	0.00E+00	7.53E-04	5.89E-05	0.00E+00	3.60E-05	0.00E+00	0.00E+00	3.80E-06	0.00E+00	0.00E+00	2.37E-03
129	ALL	669476.7	4341771	NonCancer	1.23E-04	7.11E-04	2.25E-03	0.00E+00	0.00E+00	7.24E-04	5.79E-05	0.00E+00	3.41E-05	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	2.25E-03
130	ALL	669698	4341771	NonCancer	9.04E-05	5.12E-04	1.63E-03	0.00E+00	0.00E+00	5.39E-04	5.01E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	1.63E-03
131	ALL	669919.3	4341771	NonCancer	1.09E-04	6.30E-04	2.00E-03	0.00E+00	0.00E+00	6.55E-04	6.64E-05	0.00E+00	3.01E-05	0.00E+00	0.00E+00	2.58E-05	0.00E+00	0.00E+00	2.00E-03
132	ALL	670140.6	4341771	NonCancer	7.49E-05	4.19E-04	1.33E-03	0.00E+00	0.00E+00	4.43E-04	6.81E-05	0.00E+00	1.99E-05	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	1.33E-03
133	ALL	670361.9	4341771	NonCancer	6.18E-05	3.39E-04	1.07E-03	0.00E+00	0.00E+00	3.60E-04	8.96E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	1.07E-03
134	ALL	670583.2	4341771	NonCancer	4.68E-05	2.37E-04	7.59E-04	0.00E+00	0.00E+00	2.83E-04	1.65E-04	0.00E+00	1.10E-05	0.00E+00	0.00E+00	4.54E-05	0.00E+00	0.00E+00	7.59E-04
135	ALL	670804.5	4341771	NonCancer	6.22E-05	3.09E-04	1.11E-03	0.00E+00	0.00E+00	4.98E-04	2.01E-04	0.00E+00	1.46E-05	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	1.11E-03
136	ALL	671025.8	4341771	NonCancer	1.29E-04	6.94E-04	2.60E-03	0.00E+00	0.00E+00	1.17E-03	7.90E-05	0.00E+00	3.38E-05	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	2.60E-03
137	ALL	671689.8	4341771	NonCancer	9.48E-05	5.02E-04	1.77E-03	0.00E+00	0.00E+00	7.40E-04	5.31E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	1.77E-03
138	ALL	671911.1	4341771	NonCancer	8.01E-05	4.08E-04	1.34E-03	0.00E+00	0.00E+00	5.19E-04	4.09E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	1.34E-03
139	ALL	672132.4	4341771	NonCancer	7.33E-05	4.02E-04	1.26E-03	0.00E+00	0.00E+00	4.22E-04	3.56E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	1.26E-03
140	ALL	672353.7	4341771	NonCancer	6.52E-05	3.61E-04	1.13E-03	0.00E+00	0.00E+00	3.71E-04	3.00E-05	0.00E+00	1.70E-05	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.13E-03
141	ALL	672575	4341771	NonCancer	6.87E-05	3.66E-04	1.12E-03	0.00E+00	0.00E+00	3.70E-04	2.94E-05	0.00E+00	1.70E-05	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	1.12E-03
142	ALL	668148.8	4341936	NonCancer	7.09E-04	4.32E-03	1.38E-02	0.00E+00	0.00E+00	4.32E-03	2.67E-04	0.00E+00	2.10E-04	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	1.38E-02
143	ALL	668370.1	4341936	NonCancer	5.95E-04	3.62E-03	1.16E-02	0.00E+00	0.00E+00	3.62E-03	2.26E-04	0.00E+00	1.76E-04	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	1.16E-02
144	ALL	668591.4	4341936	NonCancer	2.51E-04	1.52E-03	4.84E-03	0.00E+00	0.00E+00	1.52E-03	9.91E-05	0.00E+00	7.36E-05	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	4.84E-03
145	ALL	668812.7	4341936	NonCancer	1.57E-04	9.37E-04	2.98E-03	0.00E+00	0.00E+00	9.40E-04	6.50E-05	0.00E+00	4.53E-05	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	2.98E-03
146	ALL	669034	4341936	NonCancer	1.38E-04	8.15E-04	2.59E-03	0.00E+00	0.00E+00	8.19E-04	5.90E-05	0.00E+00	3.93E-05	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	2.59E-03
147	ALL	669255.3	4341936	NonCancer	1.37E-04	8.04E-04	2.55E-03	0.00E+00	0.00E+00	8.16E-04	5.87E-05	0.00E+00	3.87E-05	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	2.55E-03
148	ALL	669476.7	4341936	NonCancer	1.15E-04	6.65E-04	2.12E-03	0.00E+00	0.00E+00	6.88E-04	5.24E-05	0.00E+00	3.19E-05	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	2.12E-03
149	ALL	669698	4341936	NonCancer	1.04E-04	5.98E-04	1.90E-03	0.00E+00	0.00E+00	6.19E-04	5.35E-05	0.00E+00	2.87E-05	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	1.90E-03
150	ALL	669919.3	4341936	NonCancer	9.54E-05	5.48E-04	1.74E-03	0.00E+00	0.00E+00	5.65E-04	5.52E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	1.74E-03
151	ALL	670140.6	4341936	NonCancer	8.11E-05	4.59E-04	1.45E-03	0.00E+00	0.00E+00	4.78E-04	5.67E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	1.45E-03
152	ALL	670361.9	4341936	NonCancer	4.87E-05	2.59E-04	8.14E-04	0.00E+00	0.00E+00	2.83E-04	5.63E-05	0.00E+00	1.21E-05	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	8.14E-04
153	ALL	670583.2	4341936	NonCancer	6.42E-05	3.40E-04	1.11E-03	0.00E+00	0.00E+00	4.13E-04	9.21E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	7.38E-05	0.00E+00	0.00E+00	1.11E-03
154	ALL	670804.5	4341936	NonCancer	1.65E-04	9.30E-04	3.08E-03	0.00E+00	0.00E+00	1.11E-03	2.23E-04	0.00E+00	4.47E-05	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	3.08E-03
155	ALL	671468.4	4341936	NonCancer	9.61E-05	4.56E-04	1.76E-03	0.00E+00	0.00E+00	8.84E-04	8.28E-05	0.00E+00	2.15E-05	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	1.76E-03
156	ALL	671689.8	4341936	NonCancer	9.88E-05	5.07E-04	1.74E-03	0.00E+00	0.00E+00	7.20E-04	6.32E-05	0.00E+00	2.39E-05	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	1.74E-03
157	ALL	671911.1	4341936	NonCancer	9.32E-05	4.94E-04	1.60E-03	0.00E+00	0.00E+00	5.84E-04	5.07E-05	0.00E+00	2.32E-05	0.00E+00	0.00E+00	9.04E-05	0.00E+00	0.00E+00	1.60E-03
158	ALL	672132.4	4341936	NonCancer	6.78E-05	3.67E-04	1.15E-03	0.00E+00	0.00E+00	3.86E-04	3.60E-05	0.00E+00	1.72E-05	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	1.15E-03
159	ALL	672353.7	4341936	NonCancer	5.81E-05	3.23E-04	1.01E-03	0.00E+00	0.00E+00	3.31E-04	2.90E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	8.02E-06	0.00E+00	0.00E+00	1.01E-03
160	ALL	672575	4341936	NonCancer	6.19E-05	3.35E-04	1.06E-03	0.00E+00	0.00E+00	3.63E-04	2.82E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	1.06E-03
161	ALL	668148.8	4342101	NonCancer	8.17E-04	4.98E-03	1.59E-02	0.00E+00	0.00E+00	4.98E-03	3.07E-04	0.00E+00	2.42E-04	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	1.59E-02
162	ALL	668370.1	4342101	NonCancer	3.34E-04	2.02E-03	6.46E-03	0.00E+00	0.00E+00	2.03E-03	1.29E-04	0.00E+00	9.83E-05	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	6.46E-03
163	ALL	668591.4	4342101	NonCancer	1.92E-04	1.16E-03	3.68E-03	0.00E+00	0.00E+00	1.16E-03	7.70E-05	0.00E+00	5.60E-05	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	3.68E-03
164	ALL	668812.7	4342101	NonCancer	1.54E-04	9.17E-04	2.92E-03	0.00E+00	0.00E+00	9.20E-04	6.32E-05	0.00E+00	4.43E-05	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	2.92E-03
165	ALL	669034	4342101	NonCancer	1.42E-04	8.39E-04	2.66E-03	0.00E+00	0.00E+00	8.42E-04	5.96E-05	0.00E+00	4.04E-05	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	2.66E-03
166	ALL	669255.3	4342101	NonCancer	1.57E-04	9.26E-04	2.93E-03	0.00E+00	0.00E+00	9.30E-04	6.53E-05	0.00E+00	4.46E-05	0.00E+00	0.00E+00	3.85E-06	0.00E+00	0.00E+00	2.93E-03
167	ALL	669476.7	4342101	NonCancer	1.23E-04	7.16E-04	2.28E-03	0.00E+00	0.00E+00	7.38E-04	5.35E-05	0.00E+00	3.44E-05	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	2.28E-03
168	ALL	669698	4342101	NonCancer	1.27E-04	7.35E-04	2.34E-03	0.00E+00	0.00E+00	7.60E-04	5.81E-05	0.00E+00	3.53E-05	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	2.34E-03
169	ALL	669919.3	4342101	NonCancer	1.03E-04	5.91E-04	1.88E-03	0.00E+00	0.00E+00	6.17E-04	5.33E-05	0.00E+00	2.82E-05	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	1.88E-03
170	ALL	670140.6	4342101	NonCancer	6.71E-05	3.71E-04	1.17E-03	0.00E+00	0.00E+00	3.93E-04	4.59E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	1.17E-03
171	ALL	670361.9	4342101	NonCancer	8.39E-05	4.64E-04	1.49E-03	0.00E+00	0.00E+00	5.15E-04	5.39E-05	0.00E+00	2.20E-05	0.00E+00	0.00E+00	5.10E-05	0.00E+00	0.00E+00	1.49E-03
172	ALL	670583.2	4342101	NonCancer	1.99E-04	1.16E-03	3.72E-03	0.00E+00	0.00E+00	1.20E-03	1.05E-04	0.00E+00	5.60E-05	0.00E+00	0.00E+00	4.07E-05	0.00E+00	0.00E+00	3.72E-03
173	ALL	671468.4	4342101	NonCancer	9.93E-05	5.29E-04	1.98E-03	0.00E+00	0.00E+00	8.95E-04	1.15E-04	0.00E+00	2.57E-05	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	1.98E-03
174	ALL	671689.8	4342101	NonCancer	8.55E-05	4.66E-04	1.60E-03	0.00E+00	0.00E+00	6.29E-04	6.98E-05	0.00E+00	2.23E-05	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	1.60E-03
175	ALL	671911.1	4342101	NonCancer	7.92E-05	4.32E-04	1.40E-03	0.00E+00	0.00E+00	5.04E-04	5.03E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	7.27E-05	0.00E+00	0.00E+00	1.40E-03
176	ALL	672132.4	4342101	NonCancer	6.61E-05	3.66E-04	1.16E-03	0.00E+00	0.00E+00	3.90E-04	3.80E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	1.16E-03
177	ALL	672353.7	4342101	NonCancer	4.94E-05	2.72E-04	8.52E-04	0.00E+00	0.00E+00	2.82E-04	2.73E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	8.52E-04
178	ALL	672575	4342101	NonCancer	4.65E-05	2.42E-04	7.62E-04	0.00E+00	0.00E+00	2.70E-04	2.30E-05	0.00E+00	1.12E-05	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	7.62E-04
179	ALL	668148.8	4342266	NonCancer	8.40E-04	5.12E-03	1.64E-02	0.00E+00	0.00E+00	5.12E-03	3.15E-04	0.00E+00	2.49E-04	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	1.64E-02
180	ALL	668370.1	4342266	NonCancer	3.30E-04	2.00E-03	6.39E-03	0.00E+00	0.00E+00	2.00E-03	1.27E-04	0.00E+00	9.71E-05	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	6.39E-03
181	ALL	668591.4	4342266	NonCancer	5.45E-04	3.32E-03	1.06E-02	0.00E+00	0.00E+00	3.32E-03	2.07E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	1.06E-02
182	ALL	668812.7	4342266	NonCancer	3.82E-04	2.32E-03	7.39E-03	0.00E+00	0.00E+00	2.32E-03	1.47E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	7.39E-03
183	ALL	669034	4342266	NonCancer	3.29E-04	1.99E-03	6.34E-03	0.00E+00	0.00E+00	1.99E-03	1.28E-04	0.00E+00	9.63E-05	0.00E+00	0.00E+00	3.54E-06	0.00E+00	0.00E+00	6.34E-03
184	ALL	669255.3	4342266	NonCancer	2.07E-04	1.23E-03	3.93E-03	0.00E+00	0.00E+00	1.24E-03	8.32E-05	0.00E+00	5.97E-05	0.00E+00	0.00E+00	3.87E-06	0.00E+00	0.00E+00	3.93E-03
185	ALL	669476.7	4342266	NonCancer	1.70E-04	1.00E-03	3.18E-03	0.00E+00	0.00E+00	1.01E-03	7.01E-05	0.00E+00	4.83E-05	0.00E+00	0.00E+00	4.43E-06	0.00E+00	0.00E+00	3.18E-03
186	ALL	669698	4342266	NonCancer	1.52E-04	8.84E-04	2.79E-03	0.00E+00	0.00E+00	8.89E-04	6.55E-05	0.00E+00	4.24E-05	0.00E+00	0.00E+00	5.26E-06	0.00E+00	0.00E+00	2.79E-03
187	ALL	669919.3	4342266	NonCancer	1.12E-04	6.39E-04	2.01E-03	0.00E+00	0.00E+00	6.46E-04	5.29E-05	0.00E+00	3.05E-05	0.00E+00	0.00E+00	6.37E-06	0.00E+00	0.00E+00	2.01E-03
188	ALL	670140.6	4342266	NonCancer	1.10E-04	6.23E-04	1.97E-03	0.00E+00	0.00E+00	6.48E-04	5.51E-05	0.00E+00	2.97E-05	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	1.97E-03
189	ALL	670361.9	4342266	NonCancer	2.32E-04	1.37E-03	4.35E-03	0.00E+00	0.00E+00	1.38E-03	1.06E-04	0.00E+00	6.60E-05	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	4.35E-03
190	ALL	670583.2	4342266	NonCancer	2.36E-04	1.39E-03	4.44E-03	0.00E+00	0.00E+00	1.43E-03	1.22E-04	0.00E+00	6.71E-05	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	4.44E-03
191	ALL	670804.5	4342266	NonCancer	1.51E-04	8.49E-04	2.76E-03	0.00E+00	0.00E+00	9.61E-04	1.25E-04	0.00E+00	4.05E-05	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.76E-03
192	ALL	671025.8	4342266	NonCancer	1.39E-04	7.15E-04	2.42E-03	0.00E+00	0.00E+00	9.77E-04	2.71E-04	0.00E+00	3.36E-05	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	2.42E-03
193	ALL	671247.1	4342266	NonCancer	1.30E-04	6.74E-04	2.23E-03	0.00E+00	0.00E+00	8.62E-04	1.91E-04	0.00E+00	3.16E-05	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	2.23E-03
194	ALL	671468.4	4342266	NonCancer	9.38E-05	5.03E-04	1.91E-03	0.00E+00	0.00E+00	8.78E-04	9.95E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	1.91E-03
195	ALL	671689.8	4342266	NonCancer	7.96E-05	4.30E-04	1.43E-03	0.00E+00	0.00E+00	5.43E-04	6.58E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	1.43E-03
196	ALL	671911.1	4342266	NonCancer	6.32E-05	3.39E-04	1.09E-03	0.00E+00	0.00E+00	3.88E-04	4.46E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	4.89E-05	0.00E+00	0.00E+00	1.09E-03
197	ALL	672132.4	4342266	NonCancer	4.78E-05	2.51E-04	7.96E-04	0.00E+00	0.00E+00	2.84E-04	3.12E-05	0.00E+00	1.17E-05	0.00E+00	0.00E+00	3.37E-05	0.00E+00	0.00E+00	7.96E-04

198	ALL	672353.7	4342266	NonCancer	3.58E-05	1.81E-04	5.68E-04	0.00E+00	0.00E+00	2.06E-04	2.22E-05	0.00E+00	8.34E-06	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	5.68E-04
199	ALL	672575	4342266	NonCancer	3.56E-05	1.77E-04	5.30E-04	0.00E+00	0.00E+00	1.81E-04	1.97E-05	0.00E+00	8.01E-06	0.00E+00	0.00E+00	4.20E-06	0.00E+00	0.00E+00	5.30E-04
200	ALL	668148.8	4342431	NonCancer	9.49E-04	5.78E-03	1.85E-02	0.00E+00	0.00E+00	5.79E-03	3.56E-04	0.00E+00	2.81E-04	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.85E-02
201	ALL	668370.1	4342431	NonCancer	1.00E-03	6.11E-03	1.95E-02	0.00E+00	0.00E+00	6.11E-03	3.76E-04	0.00E+00	2.97E-04	0.00E+00	0.00E+00	2.94E-06	0.00E+00	0.00E+00	1.95E-02
202	ALL	668591.4	4342431	NonCancer	1.10E-03	6.72E-03	2.15E-02	0.00E+00	0.00E+00	6.73E-03	4.14E-04	0.00E+00	3.27E-04	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.15E-02
203	ALL	668812.7	4342431	NonCancer	1.15E-03	7.00E-03	2.24E-02	0.00E+00	0.00E+00	7.00E-03	4.31E-04	0.00E+00	3.40E-04	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	2.24E-02
204	ALL	669034	4342431	NonCancer	1.28E-03	7.78E-03	2.49E-02	0.00E+00	0.00E+00	7.79E-03	4.79E-04	0.00E+00	3.78E-04	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	2.49E-02
205	ALL	669255.3	4342431	NonCancer	1.02E-03	6.21E-03	1.99E-02	0.00E+00	0.00E+00	6.22E-03	3.84E-04	0.00E+00	3.02E-04	0.00E+00	0.00E+00	4.18E-06	0.00E+00	0.00E+00	1.99E-02
206	ALL	669476.7	4342431	NonCancer	3.26E-04	1.96E-03	6.26E-03	0.00E+00	0.00E+00	1.97E-03	1.28E-04	0.00E+00	9.51E-05	0.00E+00	0.00E+00	4.47E-06	0.00E+00	0.00E+00	6.26E-03
207	ALL	669698	4342431	NonCancer	1.99E-04	1.18E-03	3.76E-03	0.00E+00	0.00E+00	1.19E-03	8.18E-05	0.00E+00	5.71E-05	0.00E+00	0.00E+00	5.07E-06	0.00E+00	0.00E+00	3.76E-03
208	ALL	669919.3	4342431	NonCancer	2.02E-04	1.20E-03	3.80E-03	0.00E+00	0.00E+00	1.20E-03	8.60E-05	0.00E+00	5.78E-05	0.00E+00	0.00E+00	5.99E-06	0.00E+00	0.00E+00	3.80E-03
209	ALL	670140.6	4342431	NonCancer	3.15E-04	1.88E-03	5.99E-03	0.00E+00	0.00E+00	1.89E-03	1.33E-04	0.00E+00	9.10E-05	0.00E+00	0.00E+00	7.23E-06	0.00E+00	0.00E+00	5.99E-03
210	ALL	670361.9	4342431	NonCancer	2.63E-04	1.56E-03	4.96E-03	0.00E+00	0.00E+00	1.57E-03	1.22E-04	0.00E+00	7.53E-05	0.00E+00	0.00E+00	9.85E-06	0.00E+00	0.00E+00	4.96E-03
211	ALL	670583.2	4342431	NonCancer	1.44E-04	8.15E-04	2.60E-03	0.00E+00	0.00E+00	8.67E-04	1.01E-04	0.00E+00	3.89E-05	0.00E+00	0.00E+00	5.24E-05	0.00E+00	0.00E+00	2.60E-03
212	ALL	670804.5	4342431	NonCancer	1.42E-04	7.84E-04	2.60E-03	0.00E+00	0.00E+00	9.52E-04	1.72E-04	0.00E+00	3.75E-05	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	2.60E-03
213	ALL	671025.8	4342431	NonCancer	1.38E-04	7.19E-04	2.39E-03	0.00E+00	0.00E+00	9.24E-04	2.29E-04	0.00E+00	3.38E-05	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	2.39E-03
214	ALL	671247.1	4342431	NonCancer	9.25E-05	4.95E-04	1.63E-03	0.00E+00	0.00E+00	6.05E-04	1.72E-04	0.00E+00	2.34E-05	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	1.63E-03
215	ALL	671468.4	4342431	NonCancer	6.66E-05	3.54E-04	1.36E-03	0.00E+00	0.00E+00	6.36E-04	7.68E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	1.36E-03
216	ALL	671689.8	4342431	NonCancer	4.85E-05	2.45E-04	7.79E-04	0.00E+00	0.00E+00	2.90E-04	4.63E-05	0.00E+00	1.13E-05	0.00E+00	0.00E+00	4.57E-05	0.00E+00	0.00E+00	7.79E-04
217	ALL	671911.1	4342431	NonCancer	4.32E-05	2.22E-04	6.98E-04	0.00E+00	0.00E+00	2.50E-04	3.41E-05	0.00E+00	1.03E-05	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	6.98E-04
218	ALL	672132.4	4342431	NonCancer	4.42E-05	2.32E-04	7.36E-04	0.00E+00	0.00E+00	2.62E-04	2.90E-05	0.00E+00	1.08E-05	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	7.36E-04
219	ALL	672353.7	4342431	NonCancer	4.53E-05	2.35E-04	7.36E-04	0.00E+00	0.00E+00	2.59E-04	2.57E-05	0.00E+00	1.09E-05	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	7.36E-04
220	ALL	672575	4342431	NonCancer	4.23E-05	2.19E-04	6.66E-04	0.00E+00	0.00E+00	2.23E-04	2.23E-05	0.00E+00	1.01E-05	0.00E+00	0.00E+00	4.00E-06	0.00E+00	0.00E+00	6.66E-04
221	ALL	668148.8	4342596	NonCancer	1.10E-03	6.71E-03	2.14E-02	0.00E+00	0.00E+00	6.71E-03	4.12E-04	0.00E+00	3.26E-04	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	2.14E-02
222	ALL	668370.1	4342596	NonCancer	1.20E-03	7.30E-03	2.33E-02	0.00E+00	0.00E+00	7.30E-03	4.48E-04	0.00E+00	3.55E-04	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	2.33E-02
223	ALL	668591.4	4342596	NonCancer	1.28E-03	7.79E-03	2.49E-02	0.00E+00	0.00E+00	7.79E-03	4.79E-04	0.00E+00	3.79E-04	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.49E-02
224	ALL	668812.7	4342596	NonCancer	1.39E-03	8.46E-03	2.71E-02	0.00E+00	0.00E+00	8.46E-03	5.20E-04	0.00E+00	4.11E-04	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	2.71E-02
225	ALL	669034	4342596	NonCancer	1.59E-03	9.67E-03	3.09E-02	0.00E+00	0.00E+00	9.67E-03	5.94E-04	0.00E+00	4.70E-04	0.00E+00	0.00E+00	2.90E-06	0.00E+00	0.00E+00	3.09E-02
226	ALL	669255.3	4342596	NonCancer	1.14E-03	6.96E-03	2.23E-02	0.00E+00	0.00E+00	6.97E-03	4.30E-04	0.00E+00	3.38E-04	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	2.23E-02
227	ALL	669476.7	4342596	NonCancer	4.72E-04	2.86E-03	9.12E-03	0.00E+00	0.00E+00	2.86E-03	1.83E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	9.12E-03
228	ALL	669698	4342596	NonCancer	3.11E-04	1.87E-03	5.94E-03	0.00E+00	0.00E+00	1.87E-03	1.25E-04	0.00E+00	9.03E-05	0.00E+00	0.00E+00	4.91E-06	0.00E+00	0.00E+00	5.94E-03
229	ALL	669919.3	4342596	NonCancer	4.25E-04	2.56E-03	8.17E-03	0.00E+00	0.00E+00	2.57E-03	1.69E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	5.70E-06	0.00E+00	0.00E+00	8.17E-03
230	ALL	670140.6	4342596	NonCancer	2.67E-04	1.59E-03	5.06E-03	0.00E+00	0.00E+00	1.60E-03	1.17E-04	0.00E+00	7.68E-05	0.00E+00	0.00E+00	6.79E-06	0.00E+00	0.00E+00	5.06E-03
231	ALL	670361.9	4342596	NonCancer	1.78E-04	1.03E-03	3.25E-03	0.00E+00	0.00E+00	1.04E-03	1.02E-04	0.00E+00	4.93E-05	0.00E+00	0.00E+00	8.06E-06	0.00E+00	0.00E+00	3.25E-03
232	ALL	670583.2	4342596	NonCancer	1.25E-04	7.03E-04	2.23E-03	0.00E+00	0.00E+00	7.37E-04	1.17E-04	0.00E+00	3.35E-05	0.00E+00	0.00E+00	3.41E-05	0.00E+00	0.00E+00	2.23E-03
233	ALL	670804.5	4342596	NonCancer	1.15E-04	6.16E-04	1.99E-03	0.00E+00	0.00E+00	7.15E-04	1.41E-04	0.00E+00	2.90E-05	0.00E+00	0.00E+00	9.91E-05	0.00E+00	0.00E+00	1.99E-03
234	ALL	671025.8	4342596	NonCancer	1.01E-04	5.25E-04	1.74E-03	0.00E+00	0.00E+00	6.75E-04	1.68E-04	0.00E+00	2.47E-05	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	1.74E-03
235	ALL	671247.1	4342596	NonCancer	6.85E-05	3.53E-04	1.17E-03	0.00E+00	0.00E+00	4.58E-04	1.28E-04	0.00E+00	1.65E-05	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	1.17E-03
236	ALL	671468.4	4342596	NonCancer	5.84E-05	3.14E-04	1.21E-03	0.00E+00	0.00E+00	5.61E-04	6.63E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	1.21E-03
237	ALL	671689.8	4342596	NonCancer	5.38E-05	2.94E-04	9.71E-04	0.00E+00	0.00E+00	3.58E-04	4.29E-05	0.00E+00	1.40E-05	0.00E+00	0.00E+00	6.48E-05	0.00E+00	0.00E+00	9.71E-04
238	ALL	671911.1	4342596	NonCancer	4.98E-05	2.71E-04	8.46E-04	0.00E+00	0.00E+00	2.82E-04	3.34E-05	0.00E+00	1.27E-05	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	8.46E-04
239	ALL	672132.4	4342596	NonCancer	4.63E-05	2.48E-04	7.79E-04	0.00E+00	0.00E+00	2.66E-04	2.79E-05	0.00E+00	1.16E-05	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	7.79E-04
240	ALL	672353.7	4342596	NonCancer	4.32E-05	2.25E-04	7.12E-04	0.00E+00	0.00E+00	2.54E-04	2.37E-05	0.00E+00	1.05E-05	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	7.12E-04
241	ALL	672575	4342596	NonCancer	3.91E-05	1.99E-04	6.02E-04	0.00E+00	0.00E+00	2.03E-04	2.04E-05	0.00E+00	9.10E-06	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	6.02E-04
242	ALL	668148.8	4342761	NonCancer	1.48E-03	9.03E-03	2.89E-02	0.00E+00	0.00E+00	9.03E-03	5.53E-04	0.00E+00	4.39E-04	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	2.89E-02
243	ALL	668370.1	4342761	NonCancer	1.42E-03	8.69E-03	2.78E-02	0.00E+00	0.00E+00	8.69E-03	5.33E-04	0.00E+00	4.22E-04	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	2.78E-02
244	ALL	668591.4	4342761	NonCancer	1.64E-03	1.00E-02	3.20E-02	0.00E+00	0.00E+00	1.00E-02	6.14E-04	0.00E+00	4.87E-04	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	3.20E-02
245	ALL	668812.7	4342761	NonCancer	1.57E-03	9.60E-03	3.07E-02	0.00E+00	0.00E+00	9.61E-03	5.90E-04	0.00E+00	4.67E-04	0.00E+00	0.00E+00	3.97E-06	0.00E+00	0.00E+00	3.07E-02
246	ALL	669034	4342761	NonCancer	6.46E-04	3.93E-03	1.25E-02	0.00E+00	0.00E+00	3.93E-03	2.47E-04	0.00E+00	1.91E-04	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	1.25E-02
247	ALL	669255.3	4342761	NonCancer	4.54E-04	2.75E-03	8.79E-03	0.00E+00	0.00E+00	2.76E-03	1.77E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	4.17E-06	0.00E+00	0.00E+00	8.79E-03
248	ALL	669476.7	4342761	NonCancer	5.49E-04	3.33E-03	1.06E-02	0.00E+00	0.00E+00	3.33E-03	2.12E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.89E-06	0.00E+00	0.00E+00	1.06E-02
249	ALL	669698	4342761	NonCancer	3.65E-04	2.19E-03	6.99E-03	0.00E+00	0.00E+00	2.20E-03	1.46E-04	0.00E+00	1.06E-04	0.00E+00	0.00E+00	4.67E-06	0.00E+00	0.00E+00	6.99E-03
250	ALL	669919.3	4342761	NonCancer	2.44E-04	1.45E-03	4.61E-03	0.00E+00	0.00E+00	1.46E-03	1.06E-04	0.00E+00	7.01E-05	0.00E+00	0.00E+00	5.23E-06	0.00E+00	0.00E+00	4.61E-03
251	ALL	670140.6	4342761	NonCancer	1.66E-04	9.63E-04	3.06E-03	0.00E+00	0.00E+00	9.91E-04	8.52E-05	0.00E+00	4.62E-05	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	3.06E-03
252	ALL	670361.9	4342761	NonCancer	1.28E-04	7.23E-04	2.29E-03	0.00E+00	0.00E+00	7.58E-04	9.04E-05	0.00E+00	3.44E-05	0.00E+00	0.00E+00	3.49E-05	0.00E+00	0.00E+00	2.29E-03
253	ALL	670583.2	4342761	NonCancer	9.15E-05	5.09E-04	1.61E-03	0.00E+00	0.00E+00	5.43E-04	1.04E-04	0.00E+00	2.41E-05	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	1.61E-03
254	ALL	670804.5	4342761	NonCancer	9.92E-05	5.40E-04	1.76E-03	0.00E+00	0.00E+00	6.35E-04	1.19E-04	0.00E+00	2.56E-05	0.00E+00	0.00E+00	9.55E-05	0.00E+00	0.00E+00	1.76E-03
255	ALL	671025.8	4342761	NonCancer	8.65E-05	4.64E-04	1.54E-03	0.00E+00	0.00E+00	5.84E-04	1.25E-04	0.00E+00	2.20E-05	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	1.54E-03
256	ALL	671247.1	4342761	NonCancer	6.67E-05	3.63E-04	1.20E-03	0.00E+00	0.00E+00	4.47E-04	9.77E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	8.37E-05	0.00E+00	0.00E+00	1.20E-03
257	ALL	671468.4	4342761	NonCancer	5.40E-05	2.95E-04	1.02E-03	0.00E+00	0.00E+00	4.02E-04	5.96E-05	0.00E+00	1.42E-05	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	1.02E-03
258	ALL	671689.8	4342761	NonCancer	4.54E-05	2.47E-04	8.20E-04	0.00E+00	0.00E+00	3.07E-04	3.78E-05	0.00E+00	1.18E-05	0.00E+00	0.00E+00	5.98E-05	0.00E+00	0.00E+00	8.20E-04
259	ALL	671911.1	4342761	NonCancer	3.91E-05	2.12E-04	6.86E-04	0.00E+00	0.00E+00	2.45E-04	2.70E-05	0.00E+00	1.00E-05	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	6.86E-04
260	ALL	672132.4	4342761	NonCancer	3.92E-05	2.10E-04	6.55E-04	0.00E+00	0.00E+00	2.21E-04	2.41E-05	0.00E+00	9.81E-06	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	6.55E-04
261	ALL	672353.7	4342761	NonCancer	4.19E-05	2.16E-04	6.79E-04	0.00E+00	0.00E+00	2.42E-04	2.20E-05	0.00E+00	1.00E-05	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	6.79E-04
262	ALL	672575	4342761	NonCancer	4.04E-05	2.09E-04	6.52E-04	0.00E+00	0.00E+00	2.30E-04	1.97E-05	0.00E+00	9.66E-06	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	6.52E-04
263	ALL	668148.8	4342926	NonCancer	1.76E-03	1.08E-02	3.44E-02	0.00E+00	0.00E+00	1.08E-02	6.59E-04	0.00E+00	5.23E-04	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	3.44E-02
264	ALL	668370.1	4342926	NonCancer	1.99E-03	1.21E-02	3.88E-02	0.00E+00	0.00E+00	1.22E-02	7.43E-04	0.00E+00	5.91E-04	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	3.88E-02
265	ALL	668591.4	4342926	NonCancer	1.11E-03	6.75E-03	2.16E-02	0.00E+00	0.00E+00	6.75E-03	4.17E-04	0.00E+00	3.28E-04	0.00E+00	0.00E+00	3.89E-06	0.00E+00	0.00E+00	2.16E-02
266	ALL	668812.7	4342926	NonCancer	1.30E-03	7.91E-03	2.53E-02	0.00E+00	0.00E+00	7.91E-03	4.88E-04	0.00E+00	3.84E-04	0.00E+00	0.00E+00	4.96E-06	0.00E+00	0.00E+00	2.53E-02
267	ALL	669034	4342926	NonCancer	9.11E-04	5.55E-03	1.77E-02	0.00E+00	0.00E+00	5.55E-03	3.45E-04	0.00E+00	2.70E-04	0.00E+00	0.00E+00	5.02E-06	0.00E+00	0.00E+00	1.77E-02
268	ALL	669476.7	4342926	NonCancer	7.38E-04	4.49E-03	1.43E-02	0.00E+00	0.00E+00	4.49E-03	2.82E-04	0.00E+00	2.18E-04	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	1.43E-02
269	ALL	669698	4342926	NonCancer	2.50E-04	1.49E-03	4.75E-03	0.00E+00	0.00E+00	1.50E-03	1.06E-04	0.00E+00	7.21E-05	0.00E+00	0.00E+00	4.23E-06	0.00E+00	0.00E+00	4.75E-03
270	ALL	669919.3	4342926	NonCancer	1.74E-04	1.02E-03	3.24E-03	0.00E+00	0.00E+00	1.04E-03	8.26E-05	0.00E+00	4.91E-05	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	3.24E-03
271	ALL	670140.6	4342926	NonCancer	1.40E-04	8.07E-04	2.56E-03	0.00E+00	0.00E+00	8.34E-04	8.29E-05	0.00E+00	3.86E-05	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	2.56E-03
272	ALL	670361.9	4342926	NonCancer	1.14E-04	6.43E-04	2.04E-03	0.00E+00	0.00E+00	6.74E-04	8.73E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	2.04E-03
273	ALL	670583.2	4342926	NonCancer	9.94E-05	5.41E-04	1.72E-03	0.00E+00	0.00E+00	5.97E-04	9.10E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	5.63E-05	0.00E+00	0.00E+00	1.72E-03
274	ALL	670804.5	4342926	NonCancer	9.13E-05	4.89E-04	1.58E-03	0.00E+00	0.00E+00	5.72E-04	9.83E-05	0.00E+00	2.30E-05	0.00E+00	0.00E+00	8.33E-05	0.00E+00	0.00E+00	1.58E-03
275	ALL	671025.8	4342926	NonCancer	6.90E-05	3.81E-04	1.26E-03	0.00E+00	0.00E+00	4.60E-04	9.08E-05	0.00E+00	1.82E-05	0.00E+00	0.00E+00	7.98E-05	0.00E+00	0.00E+00	1.26E-03
276	ALL	671247.1	4342926	NonCancer	6.30E-05	3.45E-04	1.14E-03	0.00E+00	0.00E+00	4.22E-04	7.80E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	7.77E-05	0.00E+00	0.00E+00	1.14E-03
277	ALL	671468.4	4342926	NonCancer	5.48E-05	3.04E-04	9.93E-04	0.00E+00	0.00E+00	3.52E-04	5.22E-05	0.00E+00	1.45E-05	0.00E+00	0.00E+00	4.81E-05	0.00E+00	0.00E+00	9.93E-04
278	ALL	671689.8	4342926	NonCancer	4.94E-05	2.74E-04	8.72E-04	0.00E+00	0.00E+00	2.96E-04	3.66E-05	0.00E+00	1.30E-05	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	8.72E-04
279	ALL	671911.1	4342926	NonCancer	4.44E-05	2.47E-04	8.16E-04	0.00E+00	0.00E+00	2.95E-04	2.77E-05	0.00E+00	1.18E-05	0.00E+00	0.00E+00	4.83E-05	0.00E+00	0.00E+00	8.16E-04
280	ALL	672132.4	4342926	NonCancer	4.12E-05	2.28E-04	7.15E-04	0.00E+00	0.00E+00	2.35E-04	2.27E-05	0.00E+00	1.08E-05	0.00E+00	0.00E+00	6.68E-06	0.00E+00	0.00E+00	7.15E-04
281	ALL	672353.7	4342926	NonCancer	5.49E-05	3.05E-04	9.60E-04	0.00E+00	0.00E+00	3.19E-04	2.67E-05	0.00E+00	1.44E-05	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	9.60E-04
282	ALL	672575	4342926	NonCancer	6.83E-05	3.80E-04	1.20E-03	0.00E+00	0.00E+00	4.00E-04	2.94E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	1.20E-03
283	ALL	668148.8	4343090	NonCancer	1.68E-03	1.02E-02	3.28E-02	0.00E+00	0.00E+00	1.02E-02	6.27E-04	0.00E+00	4.98E-04	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	3.28E-02
284	ALL	668370.1	4343090	NonCancer	2.32E-03	1.42E-02	4.53E-02	0.00E+00	0.00E+00	1.42E-02	8.66E-04	0.00E+00	6.89E-04	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	4.53E-02
285	ALL	668591.4	4343090	NonCancer	1.55E-03	9.44E-03	3.02E-02	0.00E+00	0.00E+00	9.45E-03	5.80E-04	0.00E+00	4.59E-04	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	3.02E-02
286	ALL	669476.7	4343090	NonCancer	9.02E-04	5.49E-03	1.75E-02	0.00E+00	0.00E+00	5.49E-03	3.44E-04	0.00E+00	2.67E-04	0.00E+00	0.00E+00	4.53E-06	0.00E+00	0.00E+00	1.75E-02
287	ALL	669698	4343090	NonCancer	5.08E-04	3.08E-03	9.82E-03	0.00E+00	0.00E+00	3.08E-03	2.02E-04	0.00E+00	1.49E-04	0.00E+00	0.00E+00	3.97E-06	0.00E+00	0.00E+00	9.82E-03
288	ALL	669919.3	4343090	NonCancer	3.26E-04	1.96E-03	6.24E-03	0.00E+00	0.00E+00	1.96E-03	1.43E-04	0.00E+00	9.49E-05	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	6.24E-03
289	ALL	670140.6	4343090	NonCancer	2.40E-04	1.42E-03	4.52E-03	0.00E+00	0.00E+00	1.44E-03	1.20E-04	0.00E+00	6.85E-05	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	4.52E-03
290	ALL	670361.9	4343090	NonCancer	2.62E-04	1.56E-03	4.95E-03	0.00E+00	0.00E+00	1.56E-03	1.40E-04	0.00E+00	7.52E-05	0.00E+00	0.00E+00	6.31E-06	0.00E+00	0.00E+00	4.95E-03
291	ALL	670583.2	4343090	NonCancer	2.83E-04	1.69E-03	5.39E-03	0.00E+00	0.00E+00	1.72E-03	1.51E-04	0.00E+00	8.16E-05	0.00E+00	0.00E+00	3.15E-05	0.00E+00	0.00E+00	5.39E-03
292	ALL	670804.5	4343090	NonCancer	1.96E-04	1.14E-03	3.68E-03	0.00E+00	0.00E+00	1.23E-03	1.24E-04	0.00E+00	5.47E-05	0.00E+00	0.00E+00	9.74E-05	0.00E+00	0.00E+00	3.68E-03
293	ALL	671025.8	4343090	NonCancer	1.31E-04	7.67E-04	2.49E-03	0.00E+00	0.00E+00	8.33E-04	9.71E-05	0.00E+00	3.70E-05	0.00E+00	0.00E+00	6.57E-05	0.00E+00	0.00E+00	2.49E-03
294	ALL	671247.1	4343090	NonCancer	1.25E-04	7.29E-04	2.36E-03	0.00E+00	0.00E+00	7.95E-04	8.80E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	6.66E-05	0.00E+00	0.00E+00	2.36E-03
295	ALL	671468.4	4343090	NonCancer	1.09E-04	6.40E-04	2.04E-03	0.00E+00	0.00E+00	6.58E-04	6.71E-05	0.00E+00	3.08E-05	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	2.04E-03
296	ALL	671689.8	4343090	NonCancer	1.00E-04	5.87E-04	1.86E-03	0.00E+00	0.00E+00	5.95E-04	5.32E-05	0.00E+00	2.82E-05	0.00E+00	0.00E+00	8.02E-06	0.00E+00	0.00E+00	1.86E-03

297	ALL	671911.1	4343090	NonCancer	9.32E-05	5.46E-04	1.77E-03	0.00E+00	0.00E+00	5.91E-04	4.45E-05	0.00E+00	2.64E-05	0.00E+00	0.00E+00	4.52E-05	0.00E+00	0.00E+00	1.77E-03
298	ALL	672132.4	4343090	NonCancer	8.78E-05	5.17E-04	1.66E-03	0.00E+00	0.00E+00	5.42E-04	3.95E-05	0.00E+00	2.50E-05	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	1.66E-03
299	ALL	672353.7	4343090	NonCancer	8.17E-05	4.80E-04	1.52E-03	0.00E+00	0.00E+00	4.84E-04	3.50E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	1.52E-03
300	ALL	672575	4343090	NonCancer	8.97E-05	5.26E-04	1.67E-03	0.00E+00	0.00E+00	5.34E-04	3.75E-05	0.00E+00	2.53E-05	0.00E+00	0.00E+00	7.70E-06	0.00E+00	0.00E+00	1.67E-03
301	ALL	668148.8	4343255	NonCancer	1.73E-03	1.05E-02	3.37E-02	0.00E+00	0.00E+00	1.05E-02	6.46E-04	0.00E+00	5.13E-04	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	3.37E-02
302	ALL	668370.1	4343255	NonCancer	2.43E-03	1.48E-02	4.74E-02	0.00E+00	0.00E+00	1.48E-02	9.04E-04	0.00E+00	7.21E-04	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	4.74E-02
303	ALL	668591.4	4343255	NonCancer	3.69E-03	2.25E-02	7.20E-02	0.00E+00	0.00E+00	2.25E-02	1.37E-03	0.00E+00	1.09E-03	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	7.20E-02
304	ALL	669476.7	4343255	NonCancer	5.15E-04	3.13E-03	9.99E-03	0.00E+00	0.00E+00	3.13E-03	2.03E-04	0.00E+00	1.52E-04	0.00E+00	0.00E+00	3.82E-06	0.00E+00	0.00E+00	9.99E-03
305	ALL	669698	4343255	NonCancer	4.08E-04	2.47E-03	7.89E-03	0.00E+00	0.00E+00	2.47E-03	1.68E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	7.89E-03
306	ALL	669919.3	4343255	NonCancer	2.97E-04	1.79E-03	5.69E-03	0.00E+00	0.00E+00	1.79E-03	1.33E-04	0.00E+00	8.65E-05	0.00E+00	0.00E+00	3.96E-06	0.00E+00	0.00E+00	5.69E-03
307	ALL	670140.6	4343255	NonCancer	2.56E-04	1.54E-03	4.89E-03	0.00E+00	0.00E+00	1.54E-03	1.25E-04	0.00E+00	7.43E-05	0.00E+00	0.00E+00	4.38E-06	0.00E+00	0.00E+00	4.89E-03
308	ALL	670361.9	4343255	NonCancer	2.65E-04	1.58E-03	5.05E-03	0.00E+00	0.00E+00	1.60E-03	1.32E-04	0.00E+00	7.67E-05	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	5.05E-03
309	ALL	670583.2	4343255	NonCancer	2.66E-04	1.59E-03	5.08E-03	0.00E+00	0.00E+00	1.61E-03	1.36E-04	0.00E+00	7.70E-05	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	5.08E-03
310	ALL	670804.5	4343255	NonCancer	1.96E-04	1.15E-03	3.69E-03	0.00E+00	0.00E+00	1.22E-03	1.15E-04	0.00E+00	5.52E-05	0.00E+00	0.00E+00	7.05E-05	0.00E+00	0.00E+00	3.69E-03
311	ALL	671025.8	4343255	NonCancer	1.06E-04	6.16E-04	2.00E-03	0.00E+00	0.00E+00	6.72E-04	7.73E-05	0.00E+00	2.97E-05	0.00E+00	0.00E+00	5.60E-05	0.00E+00	0.00E+00	2.00E-03
312	ALL	671247.1	4343255	NonCancer	9.81E-05	5.70E-04	1.85E-03	0.00E+00	0.00E+00	6.27E-04	6.84E-05	0.00E+00	2.75E-05	0.00E+00	0.00E+00	5.65E-05	0.00E+00	0.00E+00	1.85E-03
313	ALL	671468.4	4343255	NonCancer	9.04E-05	5.27E-04	1.68E-03	0.00E+00	0.00E+00	5.45E-04	5.66E-05	0.00E+00	2.53E-05	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	1.68E-03
314	ALL	671689.8	4343255	NonCancer	8.02E-05	4.68E-04	1.48E-03	0.00E+00	0.00E+00	4.74E-04	4.40E-05	0.00E+00	2.25E-05	0.00E+00	0.00E+00	5.84E-06	0.00E+00	0.00E+00	1.48E-03
315	ALL	671911.1	4343255	NonCancer	7.43E-05	4.34E-04	1.40E-03	0.00E+00	0.00E+00	4.65E-04	3.67E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	3.12E-05	0.00E+00	0.00E+00	1.40E-03
316	ALL	672132.4	4343255	NonCancer	7.14E-05	4.18E-04	1.35E-03	0.00E+00	0.00E+00	4.50E-04	3.28E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	3.27E-05	0.00E+00	0.00E+00	1.35E-03
317	ALL	672353.7	4343255	NonCancer	6.85E-05	4.01E-04	1.27E-03	0.00E+00	0.00E+00	4.05E-04	2.99E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.41E-06	0.00E+00	0.00E+00	1.27E-03
318	ALL	672575	4343255	NonCancer	6.31E-05	3.70E-04	1.17E-03	0.00E+00	0.00E+00	3.73E-04	2.67E-05	0.00E+00	1.78E-05	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	1.17E-03
319	ALL	668148.8	4343420	NonCancer	1.82E-03	1.11E-02	3.55E-02	0.00E+00	0.00E+00	1.11E-02	6.79E-04	0.00E+00	5.40E-04	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	3.55E-02
320	ALL	668370.1	4343420	NonCancer	2.18E-03	1.33E-02	4.25E-02	0.00E+00	0.00E+00	1.33E-02	8.12E-04	0.00E+00	6.47E-04	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	4.25E-02
321	ALL	668591.4	4343420	NonCancer	2.85E-03	1.74E-02	5.56E-02	0.00E+00	0.00E+00	1.74E-02	1.06E-03	0.00E+00	8.46E-04	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	5.56E-02
322	ALL	668812.7	4343420	NonCancer	3.22E-03	1.97E-02	6.29E-02	0.00E+00	0.00E+00	1.97E-02	1.20E-03	0.00E+00	9.57E-04	0.00E+00	0.00E+00	3.96E-06	0.00E+00	0.00E+00	6.29E-02
323	ALL	669034	4343420	NonCancer	3.55E-03	2.17E-02	6.94E-02	0.00E+00	0.00E+00	2.17E-02	1.32E-03	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	6.94E-02
324	ALL	669255.3	4343420	NonCancer	1.92E-03	1.17E-02	3.74E-02	0.00E+00	0.00E+00	1.17E-02	7.20E-04	0.00E+00	5.69E-04	0.00E+00	0.00E+00	8.36E-06	0.00E+00	0.00E+00	3.74E-02
325	ALL	669476.7	4343420	NonCancer	1.06E-03	6.44E-03	2.06E-02	0.00E+00	0.00E+00	6.45E-03	4.05E-04	0.00E+00	3.13E-04	0.00E+00	0.00E+00	5.54E-06	0.00E+00	0.00E+00	2.06E-02
326	ALL	669698	4343420	NonCancer	3.88E-04	2.35E-03	7.51E-03	0.00E+00	0.00E+00	2.36E-03	1.62E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	7.51E-03
327	ALL	669919.3	4343420	NonCancer	3.25E-04	1.96E-03	6.26E-03	0.00E+00	0.00E+00	1.97E-03	1.43E-04	0.00E+00	9.52E-05	0.00E+00	0.00E+00	3.71E-06	0.00E+00	0.00E+00	6.26E-03
328	ALL	670140.6	4343420	NonCancer	3.79E-04	2.29E-03	7.31E-03	0.00E+00	0.00E+00	2.29E-03	1.66E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	7.31E-03
329	ALL	670361.9	4343420	NonCancer	2.46E-04	1.48E-03	4.71E-03	0.00E+00	0.00E+00	1.49E-03	1.20E-04	0.00E+00	7.16E-05	0.00E+00	0.00E+00	7.75E-06	0.00E+00	0.00E+00	4.71E-03
330	ALL	670583.2	4343420	NonCancer	2.34E-04	1.40E-03	4.48E-03	0.00E+00	0.00E+00	1.43E-03	1.18E-04	0.00E+00	6.79E-05	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	4.48E-03
331	ALL	670804.5	4343420	NonCancer	1.68E-04	9.86E-04	3.16E-03	0.00E+00	0.00E+00	1.04E-03	9.69E-05	0.00E+00	4.75E-05	0.00E+00	0.00E+00	5.03E-05	0.00E+00	0.00E+00	3.16E-03
332	ALL	671025.8	4343420	NonCancer	1.15E-04	6.60E-04	2.14E-03	0.00E+00	0.00E+00	7.28E-04	7.42E-05	0.00E+00	3.17E-05	0.00E+00	0.00E+00	6.78E-05	0.00E+00	0.00E+00	2.14E-03
333	ALL	671247.1	4343420	NonCancer	9.39E-05	5.42E-04	1.76E-03	0.00E+00	0.00E+00	6.02E-04	6.26E-05	0.00E+00	2.61E-05	0.00E+00	0.00E+00	6.04E-05	0.00E+00	0.00E+00	1.76E-03
334	ALL	671468.4	4343420	NonCancer	7.14E-05	4.14E-04	1.33E-03	0.00E+00	0.00E+00	4.46E-04	4.58E-05	0.00E+00	1.99E-05	0.00E+00	0.00E+00	3.25E-05	0.00E+00	0.00E+00	1.33E-03
335	ALL	671689.8	4343420	NonCancer	5.94E-05	3.44E-04	1.09E-03	0.00E+00	0.00E+00	3.49E-04	3.51E-05	0.00E+00	1.65E-05	0.00E+00	0.00E+00	5.00E-06	0.00E+00	0.00E+00	1.09E-03
336	ALL	671911.1	4343420	NonCancer	4.84E-05	2.78E-04	8.81E-04	0.00E+00	0.00E+00	2.88E-04	2.64E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	9.93E-06	0.00E+00	0.00E+00	8.81E-04
337	ALL	672132.4	4343420	NonCancer	3.96E-05	2.26E-04	7.40E-04	0.00E+00	0.00E+00	2.57E-04	2.06E-05	0.00E+00	1.09E-05	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	7.40E-04
338	ALL	672353.7	4343420	NonCancer	3.25E-05	1.83E-04	5.89E-04	0.00E+00	0.00E+00	2.00E-04	1.62E-05	0.00E+00	8.76E-06	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	5.89E-04
339	ALL	672575	4343420	NonCancer	2.84E-05	1.61E-04	5.05E-04	0.00E+00	0.00E+00	1.64E-04	1.37E-05	0.00E+00	7.64E-06	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	5.05E-04
340	ALL	668148.8	4343585	NonCancer	8.04E-04	4.90E-03	1.57E-02	0.00E+00	0.00E+00	4.90E-03	3.04E-04	0.00E+00	2.38E-04	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	1.57E-02
341	ALL	668370.1	4343585	NonCancer	9.50E-04	5.79E-03	1.85E-02	0.00E+00	0.00E+00	5.79E-03	3.58E-04	0.00E+00	2.82E-04	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	1.85E-02
342	ALL	668591.4	4343585	NonCancer	2.13E-03	1.30E-02	4.17E-02	0.00E+00	0.00E+00	1.30E-02	7.96E-04	0.00E+00	6.34E-04	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	4.17E-02
343	ALL	668812.7	4343585	NonCancer	1.41E-03	8.61E-03	2.75E-02	0.00E+00	0.00E+00	8.61E-03	5.30E-04	0.00E+00	4.19E-04	0.00E+00	0.00E+00	5.60E-06	0.00E+00	0.00E+00	2.75E-02
344	ALL	669034	4343585	NonCancer	6.41E-04	3.91E-03	1.25E-02	0.00E+00	0.00E+00	3.91E-03	2.47E-04	0.00E+00	1.90E-04	0.00E+00	0.00E+00	4.90E-06	0.00E+00	0.00E+00	1.25E-02
345	ALL	669255.3	4343585	NonCancer	6.05E-04	3.68E-03	1.18E-02	0.00E+00	0.00E+00	3.68E-03	2.36E-04	0.00E+00	1.79E-04	0.00E+00	0.00E+00	4.36E-06	0.00E+00	0.00E+00	1.18E-02
346	ALL	669476.7	4343585	NonCancer	5.49E-04	3.34E-03	1.07E-02	0.00E+00	0.00E+00	3.34E-03	2.18E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.09E-06	0.00E+00	0.00E+00	1.07E-02
347	ALL	669698	4343585	NonCancer	5.56E-04	3.38E-03	1.08E-02	0.00E+00	0.00E+00	3.38E-03	2.23E-04	0.00E+00	1.64E-04	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	1.08E-02
348	ALL	669919.3	4343585	NonCancer	6.43E-04	3.91E-03	1.25E-02	0.00E+00	0.00E+00	3.91E-03	2.58E-04	0.00E+00	1.90E-04	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	1.25E-02
349	ALL	670140.6	4343585	NonCancer	5.99E-04	3.64E-03	1.16E-02	0.00E+00	0.00E+00	3.65E-03	2.45E-04	0.00E+00	1.77E-04	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	1.16E-02
350	ALL	670361.9	4343585	NonCancer	4.67E-04	2.83E-03	9.05E-03	0.00E+00	0.00E+00	2.84E-03	1.98E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	5.49E-06	0.00E+00	0.00E+00	9.05E-03
351	ALL	670583.2	4343585	NonCancer	2.89E-04	1.74E-03	5.56E-03	0.00E+00	0.00E+00	1.76E-03	1.34E-04	0.00E+00	8.42E-05	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	5.56E-03
352	ALL	670804.5	4343585	NonCancer	1.29E-04	7.55E-04	2.42E-03	0.00E+00	0.00E+00	7.86E-04	7.52E-05	0.00E+00	3.64E-05	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	2.42E-03
353	ALL	671025.8	4343585	NonCancer	1.07E-04	6.18E-04	1.99E-03	0.00E+00	0.00E+00	6.71E-04	6.64E-05	0.00E+00	2.97E-05	0.00E+00	0.00E+00	5.33E-05	0.00E+00	0.00E+00	1.99E-03
354	ALL	671247.1	4343585	NonCancer	7.39E-05	4.23E-04	1.38E-03	0.00E+00	0.00E+00	4.77E-04	5.06E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.46E-05	0.00E+00	0.00E+00	1.38E-03
355	ALL	671468.4	4343585	NonCancer	7.01E-05	4.06E-04	1.32E-03	0.00E+00	0.00E+00	4.43E-04	4.37E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	3.66E-05	0.00E+00	0.00E+00	1.32E-03
356	ALL	671689.8	4343585	NonCancer	6.93E-05	4.04E-04	1.28E-03	0.00E+00	0.00E+00	4.09E-04	3.84E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	5.53E-06	0.00E+00	0.00E+00	1.28E-03
357	ALL	671911.1	4343585	NonCancer	6.31E-05	3.69E-04	1.17E-03	0.00E+00	0.00E+00	3.73E-04	3.18E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	1.17E-03
358	ALL	672132.4	4343585	NonCancer	5.95E-05	3.48E-04	1.12E-03	0.00E+00	0.00E+00	3.72E-04	2.79E-05	0.00E+00	1.68E-05	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	1.12E-03
359	ALL	672353.7	4343585	NonCancer	5.34E-05	3.14E-04	1.01E-03	0.00E+00	0.00E+00	3.34E-04	2.39E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	1.01E-03
360	ALL	672575	4343585	NonCancer	4.84E-05	2.87E-04	9.11E-04	0.00E+00	0.00E+00	2.89E-04	2.12E-05	0.00E+00	1.38E-05	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	9.11E-04
361	ALL	668148.8	4343750	NonCancer	9.01E-04	5.49E-03	1.76E-02	0.00E+00	0.00E+00	5.50E-03	3.40E-04	0.00E+00	2.67E-04	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	1.76E-02
362	ALL	668370.1	4343750	NonCancer	4.54E-04	2.76E-03	8.83E-03	0.00E+00	0.00E+00	2.77E-03	1.75E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	8.83E-03
363	ALL	668591.4	4343750	NonCancer	5.50E-04	3.35E-03	1.07E-02	0.00E+00	0.00E+00	3.35E-03	2.12E-04	0.00E+00	1.63E-04	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	1.07E-02
364	ALL	668812.7	4343750	NonCancer	6.94E-04	4.23E-03	1.35E-02	0.00E+00	0.00E+00	4.23E-03	2.66E-04	0.00E+00	2.06E-04	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	1.35E-02
365	ALL	669034	4343750	NonCancer	3.09E-04	1.87E-03	5.98E-03	0.00E+00	0.00E+00	1.88E-03	1.26E-04	0.00E+00	9.09E-05	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	5.98E-03
366	ALL	669255.3	4343750	NonCancer	2.84E-04	1.72E-03	5.49E-03	0.00E+00	0.00E+00	1.72E-03	1.19E-04	0.00E+00	8.34E-05	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	5.49E-03
367	ALL	669476.7	4343750	NonCancer	4.30E-04	2.61E-03	8.35E-03	0.00E+00	0.00E+00	2.62E-03	1.75E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	8.35E-03
368	ALL	669698	4343750	NonCancer	3.71E-04	2.25E-03	7.18E-03	0.00E+00	0.00E+00	2.25E-03	1.55E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	7.18E-03
369	ALL	669919.3	4343750	NonCancer	3.40E-04	2.06E-03	6.58E-03	0.00E+00	0.00E+00	2.06E-03	1.45E-04	0.00E+00	1.00E-04	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	6.58E-03
370	ALL	670140.6	4343750	NonCancer	3.72E-04	2.25E-03	7.20E-03	0.00E+00	0.00E+00	2.26E-03	1.59E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	3.87E-06	0.00E+00	0.00E+00	7.20E-03
371	ALL	670361.9	4343750	NonCancer	3.76E-04	2.28E-03	7.27E-03	0.00E+00	0.00E+00	2.28E-03	1.62E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	7.27E-03
372	ALL	670583.2	4343750	NonCancer	4.08E-04	2.47E-03	7.89E-03	0.00E+00	0.00E+00	2.49E-03	1.74E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	7.89E-03
373	ALL	670804.5	4343750	NonCancer	3.25E-04	1.96E-03	6.28E-03	0.00E+00	0.00E+00	1.99E-03	1.43E-04	0.00E+00	9.51E-05	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	6.28E-03
374	ALL	671025.8	4343750	NonCancer	1.95E-04	1.16E-03	3.72E-03	0.00E+00	0.00E+00	1.20E-03	9.35E-05	0.00E+00	5.61E-05	0.00E+00	0.00E+00	3.84E-05	0.00E+00	0.00E+00	3.72E-03
375	ALL	671247.1	4343750	NonCancer	7.20E-05	4.00E-04	1.30E-03	0.00E+00	0.00E+00	4.62E-04	4.53E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	6.29E-05	0.00E+00	0.00E+00	1.30E-03
376	ALL	671468.4	4343750	NonCancer	4.53E-05	2.42E-04	7.94E-04	0.00E+00	0.00E+00	2.95E-04	3.23E-05	0.00E+00	1.14E-05	0.00E+00	0.00E+00	5.35E-05	0.00E+00	0.00E+00	7.94E-04
377	ALL	671689.8	4343750	NonCancer	5.35E-05	2.92E-04	9.18E-04	0.00E+00	0.00E+00	3.10E-04	3.16E-05	0.00E+00	1.37E-05	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	9.18E-04
378	ALL	671911.1	4343750	NonCancer	4.65E-05	2.61E-04	8.21E-04	0.00E+00	0.00E+00	2.71E-04	2.65E-05	0.00E+00	1.24E-05	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	8.21E-04
379	ALL	672132.4	4343750	NonCancer	4.30E-05	2.49E-04	7.99E-04	0.00E+00	0.00E+00	2.66E-04	2.24E-05	0.00E+00	1.19E-05	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	7.99E-04
380	ALL	672353.7	4343750	NonCancer	4.20E-05	2.46E-04	7.96E-04	0.00E+00	0.00E+00	2.66E-04	1.99E-05	0.00E+00	1.19E-05	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	7.96E-04
381	ALL	672575	4343750	NonCancer	4.52E-05	2.65E-04	8.47E-04	0.00E+00	0.00E+00	2.76E-04	1.99E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	8.47E-04
382	ALL	668148.8	4343915	NonCancer	1.22E-03	7.44E-03	2.38E-02	0.00E+00	0.00E+00	7.44E-03	4.57E-04	0.00E+00	3.62E-04	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	2.38E-02
383	ALL	668370.1	4343915	NonCancer	4.49E-04	2.73E-03	8.73E-03	0.00E+00	0.00E+00	2.73E-03	1.74E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	8.73E-03
384	ALL	668591.4	4343915	NonCancer	3.40E-04	2.06E-03	6.60E-03	0.00E+00	0.00E+00	2.07E-03	1.35E-04	0.00E+00	1.00E-04	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	6.60E-03
385	ALL	668812.7	4343915	NonCancer	3.52E-04	2.14E-03	6.83E-03	0.00E+00	0.00E+00	2.14E-03	1.41E-04	0.00E+00	1.04E-04	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	6.83E-03
386	ALL	669034	4343915	NonCancer	2.47E-04	1.50E-03	4.78E-03	0.00E+00	0.00E+00	1.50E-03	1.04E-04	0.00E+00	7.26E-05	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	4.78E-03
387	ALL	669255.3	4343915	NonCancer	1.99E-04	1.20E-03	3.84E-03	0.00E+00	0.00E+00	1.21E-03	8.87E-05	0.00E+00	5.83E-05	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	3.84E-03
388	ALL	669476.7	4343915	NonCancer	2.56E-04	1.55E-03	4.95E-03	0.00E+00	0.00E+00	1.55E-03	1.11E-04	0.00E+00	7.53E-05	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	4.95E-03
389	ALL	669698	4343915	NonCancer	3.30E-04	2.00E-03	6.40E-03	0.00E+00	0.00E+00	2.01E-03	1.39E-04	0.00E+00	9.73E-05	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	6.40E-03
390	ALL	669919.3	4343915	NonCancer	2.99E-04	1.81E-03	5.78E-03	0.00E+00	0.00E+00	1.81E-03	1.29E-04	0.00E+00	8.78E-05	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	5.78E-03
391	ALL	670140.6	4343915	NonCancer	2.57E-04	1.55E-03	4.95E-03	0.00E+00	0.00E+00	1.55E-03	1.14E-04	0.00E+00	7.52E-05	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	4.95E-03
392	ALL	670361.9	4343915	NonCancer	2.62E-04	1.58E-03	5.06E-03	0.00E+00	0.00E+00	1.59E-03	1.17E-04	0.00E+00	7.68E-05	0.00E+00	0.00E+00	7.22E-06	0.00E+00	0.00E+00	5.06E-03
393	ALL	670583.2	4343915	NonCancer	2.41E-04	1.45E-03	4.63E-03	0.00E+00	0.00E+00	1.46E-03	1.10E-04	0.00E+00	7.03E-05	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	4.63E-03
394	ALL	670804.5	4343915	NonCancer	2.77E-04	1.67E-03	5.34E-03	0.00E+00	0.00E+00	1.69E-03	1.22E-04	0.00E+00	8.09E-05	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	5.34E-03
395	ALL	671025.8	4343915	NonCancer	2.07E-04	1.23E-03	3.95E-03	0.00E+00	0.00E+00	1.27E-03	9.52E-05	0.00E+00	5.97E-05	0.00E+00	0.00E+00	3.07E-05	0.00E+00	0.00E+00	3.95E-03

396	ALL	671247.1	4343915	NonCancer	2.27E-04	1.36E-03	4.35E-03	0.00E+00	0.00E+00	0.00E+00	1.40E-03	9.99E-05	0.00E+00	6.56E-05	0.00E+00	0.00E+00	4.24E-05	0.00E+00	0.00E+00	4.35E-03
397	ALL	671468.4	4343915	NonCancer	9.63E-05	5.56E-04	1.79E-03	0.00E+00	0.00E+00	0.00E+00	6.01E-04	4.91E-05	0.00E+00	2.67E-05	0.00E+00	0.00E+00	4.52E-05	0.00E+00	0.00E+00	1.79E-03
398	ALL	671689.8	4343915	NonCancer	5.00E-05	2.77E-04	8.73E-04	0.00E+00	0.00E+00	0.00E+00	2.92E-04	2.92E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	8.73E-04
399	ALL	671911.1	4343915	NonCancer	2.78E-05	1.50E-04	4.71E-04	0.00E+00	0.00E+00	0.00E+00	1.59E-04	1.90E-05	0.00E+00	7.07E-06	0.00E+00	0.00E+00	8.32E-06	0.00E+00	0.00E+00	4.71E-04
400	ALL	672132.4	4343915	NonCancer	2.86E-05	1.57E-04	4.94E-04	0.00E+00	0.00E+00	0.00E+00	1.65E-04	1.72E-05	0.00E+00	7.41E-06	0.00E+00	0.00E+00	8.16E-06	0.00E+00	0.00E+00	4.94E-04
401	ALL	672353.7	4343915	NonCancer	2.81E-05	1.57E-04	5.10E-04	0.00E+00	0.00E+00	0.00E+00	1.79E-04	1.51E-05	0.00E+00	7.48E-06	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	5.10E-04
402	ALL	672575	4343915	NonCancer	2.68E-05	1.53E-04	4.95E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-04	1.35E-05	0.00E+00	7.32E-06	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.95E-04
403	ALL	668148.8	4344080	NonCancer	8.34E-04	5.09E-03	1.63E-02	0.00E+00	0.00E+00	0.00E+00	5.09E-03	3.15E-04	0.00E+00	2.47E-04	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	1.63E-02
404	ALL	668370.1	4344080	NonCancer	5.59E-04	3.41E-03	1.09E-02	0.00E+00	0.00E+00	0.00E+00	3.41E-03	2.15E-04	0.00E+00	1.66E-04	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	1.09E-02
405	ALL	668591.4	4344080	NonCancer	2.95E-04	1.79E-03	5.73E-03	0.00E+00	0.00E+00	0.00E+00	1.80E-03	1.19E-04	0.00E+00	8.71E-05	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	5.73E-03
406	ALL	668812.7	4344080	NonCancer	2.49E-04	1.51E-03	4.82E-03	0.00E+00	0.00E+00	0.00E+00	1.51E-03	1.04E-04	0.00E+00	7.33E-05	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	4.82E-03
407	ALL	669034	4344080	NonCancer	2.06E-04	1.24E-03	3.97E-03	0.00E+00	0.00E+00	0.00E+00	1.25E-03	8.95E-05	0.00E+00	6.03E-05	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	3.97E-03
408	ALL	669255.3	4344080	NonCancer	1.45E-04	8.72E-04	2.78E-03	0.00E+00	0.00E+00	0.00E+00	8.74E-04	6.90E-05	0.00E+00	4.22E-05	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.78E-03
409	ALL	669476.7	4344080	NonCancer	2.96E-04	1.79E-03	5.73E-03	0.00E+00	0.00E+00	0.00E+00	1.80E-03	1.25E-04	0.00E+00	8.71E-05	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	5.73E-03
410	ALL	669698	4344080	NonCancer	3.35E-04	2.03E-03	6.48E-03	0.00E+00	0.00E+00	0.00E+00	2.03E-03	1.40E-04	0.00E+00	9.86E-05	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	6.48E-03
411	ALL	669919.3	4344080	NonCancer	2.24E-04	1.35E-03	4.31E-03	0.00E+00	0.00E+00	0.00E+00	1.35E-03	1.00E-04	0.00E+00	6.56E-05	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	4.31E-03
412	ALL	670140.6	4344080	NonCancer	2.09E-04	1.26E-03	4.01E-03	0.00E+00	0.00E+00	0.00E+00	1.26E-03	9.60E-05	0.00E+00	6.09E-05	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	4.01E-03
413	ALL	670361.9	4344080	NonCancer	2.01E-04	1.21E-03	3.85E-03	0.00E+00	0.00E+00	0.00E+00	1.21E-03	9.21E-05	0.00E+00	5.85E-05	0.00E+00	0.00E+00	5.73E-06	0.00E+00	0.00E+00	3.85E-03
414	ALL	670583.2	4344080	NonCancer	2.16E-04	1.30E-03	4.15E-03	0.00E+00	0.00E+00	0.00E+00	1.31E-03	9.79E-05	0.00E+00	6.30E-05	0.00E+00	0.00E+00	7.12E-06	0.00E+00	0.00E+00	4.15E-03
415	ALL	670804.5	4344080	NonCancer	1.67E-04	9.96E-04	3.18E-03	0.00E+00	0.00E+00	0.00E+00	1.02E-03	7.95E-05	0.00E+00	4.81E-05	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	3.18E-03
416	ALL	671025.8	4344080	NonCancer	1.04E-04	6.06E-04	1.94E-03	0.00E+00	0.00E+00	0.00E+00	6.39E-04	5.41E-05	0.00E+00	2.91E-05	0.00E+00	0.00E+00	3.29E-05	0.00E+00	0.00E+00	1.94E-03
417	ALL	671247.1	4344080	NonCancer	1.85E-04	1.10E-03	3.53E-03	0.00E+00	0.00E+00	0.00E+00	1.14E-03	8.25E-05	0.00E+00	5.32E-05	0.00E+00	0.00E+00	3.57E-05	0.00E+00	0.00E+00	3.53E-03
418	ALL	671468.4	4344080	NonCancer	1.78E-04	1.06E-03	3.40E-03	0.00E+00	0.00E+00	0.00E+00	1.09E-03	7.82E-05	0.00E+00	5.13E-05	0.00E+00	0.00E+00	2.78E-05	0.00E+00	0.00E+00	3.40E-03
419	ALL	671689.8	4344080	NonCancer	7.55E-05	4.43E-04	1.41E-03	0.00E+00	0.00E+00	0.00E+00	4.52E-04	3.80E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	9.52E-06	0.00E+00	0.00E+00	1.41E-03
420	ALL	671911.1	4344080	NonCancer	3.37E-05	1.94E-04	6.16E-04	0.00E+00	0.00E+00	0.00E+00	1.99E-04	2.00E-05	0.00E+00	9.30E-06	0.00E+00	0.00E+00	4.85E-06	0.00E+00	0.00E+00	6.16E-04
421	ALL	672132.4	4344080	NonCancer	2.06E-05	1.15E-04	3.61E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04	1.31E-05	0.00E+00	5.46E-06	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	3.61E-04
422	ALL	672353.7	4344080	NonCancer	1.92E-05	1.08E-04	3.50E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04	1.15E-05	0.00E+00	5.18E-06	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	3.50E-04
423	ALL	672575	4344080	NonCancer	2.08E-05	1.20E-04	3.88E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04	1.11E-05	0.00E+00	5.76E-06	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	3.88E-04
424	ALL	671464.7	4342094	NonCancer	1.01E-04	5.35E-04	2.01E-03	0.00E+00	0.00E+00	0.00E+00	9.09E-04	1.17E-04	0.00E+00	2.60E-05	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	2.01E-03
425	ALL	671482.2	4342064	NonCancer	1.01E-04	5.36E-04	1.99E-03	0.00E+00	0.00E+00	0.00E+00	8.93E-04	1.09E-04	0.00E+00	2.60E-05	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	1.99E-03
426	ALL	671498.6	4342030	NonCancer	1.05E-04	5.32E-04	1.93E-03	0.00E+00	0.00E+00	0.00E+00	8.66E-04	9.90E-05	0.00E+00	2.53E-05	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	1.93E-03
427	ALL	671513.8	4341992	NonCancer	1.03E-04	5.13E-04	1.90E-03	0.00E+00	0.00E+00	0.00E+00	8.85E-04	8.86E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	1.90E-03
428	ALL	671541.8	4341965	NonCancer	9.91E-05	4.95E-04	1.82E-03	0.00E+00	0.00E+00	0.00E+00	8.39E-04	7.93E-05	0.00E+00	2.35E-05	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	1.82E-03
429	ALL	671575.6	4341974	NonCancer	9.90E-05	5.00E-04	1.79E-03	0.00E+00	0.00E+00	0.00E+00	7.93E-04	7.64E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	1.79E-03
430	ALL	671460.8	4342163	NonCancer	9.49E-05	5.07E-04	1.82E-03	0.00E+00	0.00E+00	0.00E+00	7.72E-04	1.13E-04	0.00E+00	2.44E-05	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	1.82E-03
431	ALL	671451	4342187	NonCancer	9.32E-05	4.96E-04	1.71E-03	0.00E+00	0.00E+00	0.00E+00	6.86E-04	1.13E-04	0.00E+00	2.37E-05	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	1.71E-03
432	ALL	671510.7	4342220	NonCancer	8.88E-05	4.78E-04	1.68E-03	0.00E+00	0.00E+00	0.00E+00	6.93E-04	9.47E-05	0.00E+00	2.29E-05	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	1.68E-03
433	ALL	671524.1	4342193	NonCancer	8.65E-05	4.62E-04	1.65E-03	0.00E+00	0.00E+00	0.00E+00	6.98E-04	9.24E-05	0.00E+00	2.22E-05	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	1.65E-03
434	ALL	671522.9	4342251	NonCancer	9.02E-05	4.84E-04	1.67E-03	0.00E+00	0.00E+00	0.00E+00	6.69E-04	8.91E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	1.67E-03
435	ALL	671599.1	4342253	NonCancer	8.63E-05	4.63E-04	1.57E-03	0.00E+00	0.00E+00	0.00E+00	6.18E-04	7.77E-05	0.00E+00	2.21E-05	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	1.57E-03
436	ALL	671627.8	4342257	NonCancer	8.47E-05	4.55E-04	1.54E-03	0.00E+00	0.00E+00	0.00E+00	6.02E-04	7.36E-05	0.00E+00	2.17E-05	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	1.54E-03
437	ALL	671583.9	4342116	NonCancer	8.55E-05	4.63E-04	1.65E-03	0.00E+00	0.00E+00	0.00E+00	6.85E-04	8.26E-05	0.00E+00	2.23E-05	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	1.65E-03
438	ALL	671595.5	4342072	NonCancer	8.78E-05	4.77E-04	1.70E-03	0.00E+00	0.00E+00	0.00E+00	7.06E-04	8.09E-05	0.00E+00	2.30E-05	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	1.70E-03
439	ALL	671663.1	4342056	NonCancer	9.04E-05	4.91E-04	1.70E-03	0.00E+00	0.00E+00	0.00E+00	6.79E-04	7.27E-05	0.00E+00	2.36E-05	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	1.70E-03
440	ALL	671600.9	4342030	NonCancer	9.45E-05	4.99E-04	1.78E-03	0.00E+00	0.00E+00	0.00E+00	7.57E-04	7.90E-05	0.00E+00	2.39E-05	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	1.78E-03
441	ALL	671526.6	4342156	NonCancer	8.76E-05	4.71E-04	1.71E-03	0.00E+00	0.00E+00	0.00E+00	7.39E-04	9.35E-05	0.00E+00	2.28E-05	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	1.71E-03
442	ALL	671629	4342292	NonCancer	8.16E-05	4.36E-04	1.46E-03	0.00E+00	0.00E+00	0.00E+00	5.59E-04	6.94E-05	0.00E+00	2.07E-05	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	1.46E-03
443	ALL	671641.8	4341981	NonCancer	9.72E-05	5.07E-04	1.76E-03	0.00E+00	0.00E+00	0.00E+00	7.26E-04	7.06E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	1.76E-03
444	ALL	671666.8	4342019	NonCancer	9.61E-05	5.10E-04	1.75E-03	0.00E+00	0.00E+00	0.00E+00	7.00E-04	7.13E-05	0.00E+00	2.43E-05	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	1.75E-03
445	ALL	671407.1	4342220	NonCancer	9.60E-05	5.11E-04	2.23E-03	0.00E+00	0.00E+00	0.00E+00	1.18E-03	1.23E-04	0.00E+00	2.58E-05	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	2.23E-03
446	ALL	671415.6	4342183	NonCancer	9.99E-05	5.34E-04	2.35E-03	0.00E+00	0.00E+00	0.00E+00	1.26E-03	1.29E-04	0.00E+00	2.70E-05	0.00E+00	0.00E+00	7.27E-04	0.00E+00	0.00E+00	2.35E-03
447	ALL	671635.1	4341706	NonCancer	1.32E-04	7.19E-04	2.51E-03	0.00E+00	0.00E+00	0.00E+00	1.02E-03	6.39E-05	0.00E+00	3.46E-05	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	2.51E-03
448	ALL	671693.6	4341710	NonCancer	1.17E-04	6.39E-04	2.23E-03	0.00E+00	0.00E+00	0.00E+00	8.96E-04	5.81E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	2.23E-03
449	ALL	671719.8	4341736	NonCancer	1.02E-04	5.50E-04	1.93E-03	0.00E+00	0.00E+00	0.00E+00	7.92E-04	5.35E-05	0.00E+00	2.64E-05	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	1.93E-03
450	ALL	671673.5	4341630	NonCancer	1.46E-04	8.03E-04	2.72E-03	0.00E+00	0.00E+00	0.00E+00	1.04E-03	6.52E-05	0.00E+00	3.85E-05	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	2.72E-03
451	ALL	671888	4341936	NonCancer	9.44E-05	4.99E-04	1.63E-03	0.00E+00	0.00E+00	0.00E+00	6.04E-04	5.18E-05	0.00E+00	2.35E-05	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	1.63E-03
452	ALL	671977.6	4341952	NonCancer	8.65E-05	4.62E-04	1.47E-03	0.00E+00	0.00E+00	0.00E+00	5.19E-04	4.66E-05	0.00E+00	2.17E-05	0.00E+00	0.00E+00	5.67E-05	0.00E+00	0.00E+00	1.47E-03
453	ALL	672039.2	4341895	NonCancer	8.13E-05	4.43E-04	1.40E-03	0.00E+00	0.00E+00	0.00E+00	4.79E-04	4.23E-05	0.00E+00	2.09E-05	0.00E+00	0.00E+00	3.64E-05	0.00E+00	0.00E+00	1.40E-03
454	ALL	671858.2	4341754	NonCancer	7.83E-05	3.81E-04	1.27E-03	0.00E+00	0.00E+00	0.00E+00	5.23E-04	4.04E-05	0.00E+00	1.76E-05	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	1.27E-03
455	ALL	671922.8	4341634	NonCancer	8.62E-05	4.70E-04	1.54E-03	0.00E+00	0.00E+00	0.00E+00	5.63E-04	4.10E-05	0.00E+00	2.23E-05	0.00E+00	0.00E+00	9.29E-05	0.00E+00	0.00E+00	1.54E-03
456	ALL	671613.7	4341791	NonCancer	1.06E-04	5.60E-04	2.00E-03	0.00E+00	0.00E+00	0.00E+00	8.51E-04	6.01E-05	0.00E+00	2.68E-05	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	2.00E-03
457	ALL	671853.3	4341731	NonCancer	7.69E-05	3.92E-04	1.33E-03	0.00E+00	0.00E+00	0.00E+00	5.42E-04	4.06E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	1.33E-03
458	ALL	671783.8	4341586	NonCancer	1.34E-04	7.48E-04	2.45E-03	0.00E+00	0.00E+00	0.00E+00	8.78E-04	5.86E-05	0.00E+00	3.57E-05	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	2.45E-03
459	ALL	671783.2	4341547	NonCancer	1.40E-04	7.81E-04	2.54E-03	0.00E+00	0.00E+00	0.00E+00	8.96E-04	5.96E-05	0.00E+00	3.73E-05	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	2.54E-03
460	ALL	671769.2	4341461	NonCancer	1.43E-04	7.85E-04	2.62E-03	0.00E+00	0.00E+00	0.00E+00	9.83E-04	5.87E-05	0.00E+00	3.75E-05	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	2.62E-03
461	ALL	671800.9	4341421	NonCancer	1.37E-04	7.52E-04	2.49E-03	0.00E+00	0.00E+00	0.00E+00	9.18E-04	5.55E-05	0.00E+00	3.59E-05	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	2.49E-03
462	ALL	671880.1	4341427	NonCancer	1.31E-04	7.35E-04	2.35E-03	0.00E+00	0.00E+00	0.00E+00	7.98E-04	5.30E-05	0.00E+00	3.50E-05	0.00E+00	0.00E+00	6.34E-05	0.00E+00	0.00E+00	2.35E-03
463	ALL	672012.4	4341505	NonCancer	9.09E-05	5.14E-04	1.63E-03	0.00E+00	0.00E+00	0.00E+00	5.40E-04	3.98E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	1.63E-03
464	ALL	672084.3	4341548	NonCancer	7.03E-05	3.88E-04	1.23E-03	0.00E+00	0.00E+00	0.00E+00	4.14E-04	3.26E-05	0.00E+00	1.83E-05	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	1.23E-03
465	ALL	671915.5	4341478	NonCancer	1.24E-04	6.96E-04	2.22E-03	0.00E+00	0.00E+00	0.00E+00	7.52E-04	5.11E-05	0.00E+00	3.31E-05	0.00E+00	0.00E+00	5.60E-05	0.00E+00	0.00E+00	2.22E-03
466	ALL	671903.3	4341564	NonCancer	1.12E-04	6.21E-04	2.01E-03	0.00E+00	0.00E+00	0.00E+00	7.04E-04	4.83E-05	0.00E+00	2.95E-05	0.00E+00	0.00E+00	8.35E-05	0.00E+00	0.00E+00	2.01E-03
467	ALL	671863.1	4341522	NonCancer	1.29E-04	7.22E-04	2.33E-03	0.00E+00	0.00E+00	0.00E+00	8.09E-04	5.41E-05	0.00E+00	3.44E-05	0.00E+00	0.00E+00	8.67E-05	0.00E+00	0.00E+00	2.33E-03
468	ALL	671830.1	4341336	NonCancer	1.19E-04	6.52E-04	2.13E-03	0.00E+00	0.00E+00	0.00E+00	7.72E-04	4.83E-05	0.00E+00	3.10E-05	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	2.13E-03
469	ALL	671835.6	4341288	NonCancer	1.05E-04	5.72E-04	1.86E-03	0.00E+00	0.00E+00	0.00E+00	6.69E-04	4.28E-05	0.00E+00	2.71E-05	0.00E+00	0.00E+00	9.78E-05	0.00E+00	0.00E+00	1.86E-03
470	ALL	671825.9	4341275	NonCancer	9.97E-05	5.39E-04	1.75E-03	0.00E+00	0.00E+00	0.00E+00	6.34E-04	4.08E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	9.46E-05	0.00E+00	0.00E+00	1.75E-03
471	ALL	672136.7	4341371	NonCancer	8.67E-05	5.01E-04	1.59E-03	0.00E+00	0.00E+00	0.00E+00	5.12E-04	3.61E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.59E-03
472	ALL	671920.3	4341307	NonCancer	1.13E-04	6.30E-04	2.01E-03	0.00E+00	0.00E+00	0.00E+00	6.86E-04	4.56E-05	0.00E+00	2.99E-05	0.00E+00	0.00E+00	5.62E-05	0.00E+00	0.00E+00	2.01E-03
473	ALL	671695.4	4341257	NonCancer	6.88E-05	3.50E-04	1.24E-03	0.00E+00	0.00E+00	0.00E+00	5.39E-04	3.05E-05	0.00E+00	1.66E-05	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	1.24E-03
474	ALL	671682	4341176	NonCancer	4.20E-05	2.00E-04	7.09E-04	0.00E+00	0.00E+00	0.00E+00	3.23E-04	2.10E-05	0.00E+00	9.29E-06	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	7.09E-04
475	ALL	671991.7	4341196	NonCancer	9.27E-05	5.16E-04	1.64E-03	0.00E+00	0.00E+00	0.00E+00	5.55E-04	3.76E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	3.94E-05	0.00E+00	0.00E+00	1.64E-03
476	ALL	672022.1	4341232	NonCancer	1.02E-04	5.77E-04	1.83E-03	0.00E+00	0.00E+00	0.00E+00	6.03E-04	4.11E-05	0.00E+00	2.75E-05	0.00E+00	0.00E+00	2.70E-05	0.00E+00	0.00E+00	1.83E-03
477	ALL	671992.3	4341178	NonCancer	8.38E-05	4.70E-04	1.49E-03	0.00E+00	0.00E+00	0.00E+00	5.02E-04	3.50E-05	0.00E+00	2.23E-05	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	1.49E-03
478	ALL	671540.6	4341238	NonCancer	3.57E-05	1.72E-04	5.82E-04	0.00E+00	0.00E+00	0.00E+00	2.50E-04	2.04E-05	0.00E+00	7.91E-06	0.00E+00	0.00E+00	7.86E-05	0.00E+00	0.00E+00	5.82E-04
479	ALL	671575.3	4341178	NonCancer	3.39E-05	1.67E-04	5.64E-04	0.00E+00	0.00E+00	0.00E+00	2.37E-04	1.89E-05	0.00E+00	7.73E-06	0.00E+00	0.00E+00	7.03E-05	0.00E+00	0.00E+00	5.64E-04
480	ALL	671454.7	4341196	NonCancer	3.56E-05	1.76E-04	5.91E-04	0.00E+00	0.00E+00	0.00E+00	2.45E-04	2.13E-05	0.00E+00	8.14E-06	0.00E+00	0.00E+00	6.98E-05	0.00E+00	0.00E+00	5.91E-04
481	ALL	671523.5	4341116	NonCancer	3.32E-05	1.66E-04	5.59E-04	0.00E+00	0.00E+00	0.00E+00	2.31E-04	1.84E-05	0.00E+00	7.71E-06	0.00E+00	0.00E+00	6.52E-05	0.00E+00	0.00E+00	5.59E-04
482	ALL	671413.2	4341127	NonCancer	3.44E-05	1.71E-04	5.76E-04	0.00E+00	0.00E+00	0.00E+00	2.38E-04	2.14E-05	0.00E+00	7.95E-06	0.00E+00	0.00E+00	6.68E-05	0.00E+00	0.00E+00	5.76E-04
483	ALL	671471.1	4341065	NonCancer	3.29E-05	1.65E-04	5.56E-04	0.00E+00	0.00E+00	0.00E+00	2.26E-04	1.88E-05	0.00E+00	7.71E-06	0.00E+00	0.00E+00	6.12E-05	0.00E+00	0.00E+00	5.56E-04
484	ALL	671601.6	4341051	NonCancer	3.51E-05	1.73E-04	5.83E-04	0.00E+00	0.00E+00	0.00E+00	2.42E-04	1.82E-05	0.00E+00	8.03E-06	0.00E+00	0.00E+00	6.91E-05	0.00E+00	0.00E+00	5.83E-04
485	ALL	671198.6	4341254	NonCancer	3.58E-05	1.81E-04	7.28E-04	0.00E+00	0.00E+00	0.00E+00	3.69E-04	2.67E-05	0.00E+00	8.80E-06	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	7.28E-04
486	ALL	671278.5	4341212	NonCancer	3.60E-05	1.80E-04	6.04E-04	0.00E+00	0.00E+00	0.00E+00	2.47E-04	2.57E-05	0.00E+00	8.39E-06	0.00E+00	0.00E+00	6.65E-05	0.00E+00	0.00E+00	6.04E-04
487	ALL	671230.3	4341133	NonCancer	3.46E-05	1.76E-04	6.71E-04	0.00E+00	0.00E+00	0.00E+00	3.20E-04	2.34E-05	0.00E+00	8.46E-06	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	6.71E-04
488	ALL	671073.1	4341272	NonCancer	3.49E-05	1.80E-04	7.11E-04	0.00E+00	0.00E+00	0.00E+00	3.49E-04	2.78E-05	0.00E+00	8.75E-06	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	7.11E-04
489	ALL	671122.5	4341374	NonCancer	3.67E-05	1.83E-04	7.34E-04	0.00E+00	0.00E+00	0.00E+00	3.71E-04	3.23E-05	0.00E+00	8.89E-06	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	7.34E-04
490	ALL	671118.8	4341397	NonCancer	3.71E-05	1.83E-04	7.36E-04	0.00E+00	0.00E+00	0.00E+00	3.76E-04	3.35E-05	0.00E+00	8.86E-06	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	7.36E-04
491	ALL	670978.4	4341324	NonCancer	3.55E-05	1.82E-04	7.13E-04	0.00E+00	0.00E+00	0.00E+00	3.47E-04	3.36E-05	0.00E+00	8.85E-06	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	7.13E-04
492	ALL	670932.9	4341394	NonCancer	3.80E-05	1.93E-04	7.50E-04	0.00E+00	0.00E+00	0.00E+00	3.66E-04	3.93E-05	0.00E+00	9.31E-06	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	7.50E-04
493	ALL	670935.2	4341367	NonCancer	3.72E-05	1.89E-04	7.35E-04	0.00E+00	0.00E+00	0.00E+00	3.59E-04	3.76E-05	0.00E+00	9.12E-06	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	7.35E-04
494	ALL	671108	4340976	NonCancer	3.46E-05	1.79E-04	7.06E-04	0.00E+00	0.00E+00	0.00E+00	3.45E-04	2.31E-05	0.00E+00	8.71E-06	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	7.06E-04

495	ALL	671286.7	4340979	NonCancer	3.16E-05	1.60E-04	5.39E-04	0.00E+00	0.00E+00	2.18E-04	1.97E-05	0.00E+00	7.49E-06	0.00E+00	0.00E+00	5.80E-05	0.00E+00	0.00E+00	5.39E-04
496	ALL	671675.4	4342489	NonCancer	4.72E-05	2.45E-04	8.14E-04	0.00E+00	0.00E+00	3.18E-04	4.45E-05	0.00E+00	1.15E-05	0.00E+00	0.00E+00	7.34E-05	0.00E+00	0.00E+00	8.14E-04
497	ALL	671091.4	4342277	NonCancer	1.47E-04	7.47E-04	2.47E-03	0.00E+00	0.00E+00	9.79E-04	3.23E-04	0.00E+00	3.48E-05	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	2.47E-03
498	ALL	671051.8	4342332	NonCancer	1.37E-04	7.06E-04	2.34E-03	0.00E+00	0.00E+00	9.06E-04	2.90E-04	0.00E+00	3.31E-05	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	2.34E-03
499	ALL	671051.8	4342369	NonCancer	1.35E-04	6.97E-04	2.31E-03	0.00E+00	0.00E+00	8.95E-04	2.68E-04	0.00E+00	3.27E-05	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	2.31E-03
500	ALL	670953	4342361	NonCancer	1.36E-04	7.16E-04	2.39E-03	0.00E+00	0.00E+00	9.24E-04	2.22E-04	0.00E+00	3.39E-05	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	2.39E-03
501	ALL	670695.7	4342236	NonCancer	1.99E-04	1.15E-03	3.70E-03	0.00E+00	0.00E+00	1.23E-03	1.24E-04	0.00E+00	5.53E-05	0.00E+00	0.00E+00	7.48E-05	0.00E+00	0.00E+00	3.70E-03
502	ALL	670545.5	4342319	NonCancer	2.25E-04	1.32E-03	4.20E-03	0.00E+00	0.00E+00	1.34E-03	1.17E-04	0.00E+00	6.36E-05	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	4.20E-03
503	ALL	670711.7	4342488	NonCancer	1.30E-04	7.25E-04	2.33E-03	0.00E+00	0.00E+00	8.07E-04	1.43E-04	0.00E+00	3.45E-05	0.00E+00	0.00E+00	8.24E-05	0.00E+00	0.00E+00	2.33E-03
504	ALL	670648.3	4342502	NonCancer	1.31E-04	7.33E-04	2.33E-03	0.00E+00	0.00E+00	7.79E-04	1.27E-04	0.00E+00	3.48E-05	0.00E+00	0.00E+00	4.63E-05	0.00E+00	0.00E+00	2.33E-03
505	ALL	670648.3	4342631	NonCancer	1.04E-04	5.83E-04	1.86E-03	0.00E+00	0.00E+00	6.27E-04	1.26E-04	0.00E+00	2.77E-05	0.00E+00	0.00E+00	4.50E-05	0.00E+00	0.00E+00	1.86E-03
506	ALL	670806.3	4342728	NonCancer	9.30E-05	5.01E-04	1.64E-03	0.00E+00	0.00E+00	6.00E-04	1.21E-04	0.00E+00	2.37E-05	0.00E+00	0.00E+00	9.99E-05	0.00E+00	0.00E+00	1.64E-03
507	ALL	670688.2	4342739	NonCancer	8.34E-05	4.64E-04	1.48E-03	0.00E+00	0.00E+00	4.99E-04	1.10E-04	0.00E+00	2.20E-05	0.00E+00	0.00E+00	3.53E-05	0.00E+00	0.00E+00	1.48E-03
508	ALL	670804.9	4342428	NonCancer	1.42E-04	7.88E-04	2.61E-03	0.00E+00	0.00E+00	9.55E-04	1.72E-04	0.00E+00	3.76E-05	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	2.61E-03
509	ALL	670439.5	4342472	NonCancer	1.71E-04	9.89E-04	3.12E-03	0.00E+00	0.00E+00	1.00E-03	9.76E-05	0.00E+00	4.73E-05	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	3.12E-03
510	ALL	670358.4	4342579	NonCancer	1.81E-04	1.05E-03	3.31E-03	0.00E+00	0.00E+00	1.06E-03	1.01E-04	0.00E+00	5.03E-05	0.00E+00	0.00E+00	8.14E-06	0.00E+00	0.00E+00	3.31E-03
511	ALL	670546.6	4342662	NonCancer	1.22E-04	6.87E-04	2.18E-03	0.00E+00	0.00E+00	7.30E-04	1.10E-04	0.00E+00	3.27E-05	0.00E+00	0.00E+00	4.33E-05	0.00E+00	0.00E+00	2.18E-03
512	ALL	670537	4342595	NonCancer	1.31E-04	7.42E-04	2.35E-03	0.00E+00	0.00E+00	7.79E-04	1.11E-04	0.00E+00	3.53E-05	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	2.35E-03
513	ALL	670483.5	4342777	NonCancer	9.84E-05	5.46E-04	1.73E-03	0.00E+00	0.00E+00	5.83E-04	9.37E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	1.73E-03
514	ALL	670508.2	4342755	NonCancer	9.58E-05	5.30E-04	1.68E-03	0.00E+00	0.00E+00	5.69E-04	9.66E-05	0.00E+00	2.51E-05	0.00E+00	0.00E+00	3.89E-05	0.00E+00	0.00E+00	1.68E-03
515	ALL	670517.8	4342869	NonCancer	1.07E-04	6.00E-04	1.90E-03	0.00E+00	0.00E+00	6.34E-04	9.68E-05	0.00E+00	2.85E-05	0.00E+00	0.00E+00	3.41E-05	0.00E+00	0.00E+00	1.90E-03
516	ALL	670545.3	4342851	NonCancer	1.04E-04	5.86E-04	1.86E-03	0.00E+00	0.00E+00	6.18E-04	9.98E-05	0.00E+00	2.79E-05	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	1.86E-03
517	ALL	670582.4	4342878	NonCancer	1.02E-04	5.69E-04	1.80E-03	0.00E+00	0.00E+00	6.04E-04	9.76E-05	0.00E+00	2.70E-05	0.00E+00	0.00E+00	3.45E-05	0.00E+00	0.00E+00	1.80E-03
518	ALL	670304.9	4342689	NonCancer	1.60E-04	9.21E-04	2.92E-03	0.00E+00	0.00E+00	9.48E-04	9.35E-05	0.00E+00	4.41E-05	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	2.92E-03
519	ALL	670039.7	4342661	NonCancer	2.83E-04	1.69E-03	5.38E-03	0.00E+00	0.00E+00	1.70E-03	1.21E-04	0.00E+00	8.17E-05	0.00E+00	0.00E+00	6.04E-06	0.00E+00	0.00E+00	5.38E-03
520	ALL	670156.5	4342673	NonCancer	2.03E-04	1.19E-03	3.77E-03	0.00E+00	0.00E+00	1.20E-03	9.80E-05	0.00E+00	5.73E-05	0.00E+00	0.00E+00	6.23E-06	0.00E+00	0.00E+00	3.77E-03
521	ALL	670236.2	4342649	NonCancer	1.89E-04	1.10E-03	3.48E-03	0.00E+00	0.00E+00	1.11E-03	9.79E-05	0.00E+00	5.28E-05	0.00E+00	0.00E+00	6.71E-06	0.00E+00	0.00E+00	3.48E-03
522	ALL	670071.3	4342738	NonCancer	2.01E-04	1.18E-03	3.74E-03	0.00E+00	0.00E+00	1.19E-03	9.63E-05	0.00E+00	5.68E-05	0.00E+00	0.00E+00	5.55E-06	0.00E+00	0.00E+00	3.74E-03
523	ALL	669990.2	4342753	NonCancer	2.24E-04	1.32E-03	4.20E-03	0.00E+00	0.00E+00	1.33E-03	1.01E-04	0.00E+00	6.39E-05	0.00E+00	0.00E+00	5.38E-06	0.00E+00	0.00E+00	4.20E-03
524	ALL	669928.4	4342742	NonCancer	2.61E-04	1.55E-03	4.94E-03	0.00E+00	0.00E+00	1.56E-03	1.11E-04	0.00E+00	7.51E-05	0.00E+00	0.00E+00	5.36E-06	0.00E+00	0.00E+00	4.94E-03
525	ALL	669815.8	4342673	NonCancer	3.98E-04	2.40E-03	7.64E-03	0.00E+00	0.00E+00	2.40E-03	1.58E-04	0.00E+00	1.16E-04	0.00E+00	0.00E+00	5.16E-06	0.00E+00	0.00E+00	7.64E-03
526	ALL	669743	4342656	NonCancer	3.73E-04	2.25E-03	7.16E-03	0.00E+00	0.00E+00	2.25E-03	1.48E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	4.97E-06	0.00E+00	0.00E+00	7.16E-03
527	ALL	669791	4342745	NonCancer	3.41E-04	2.05E-03	6.52E-03	0.00E+00	0.00E+00	2.05E-03	1.39E-04	0.00E+00	9.91E-05	0.00E+00	0.00E+00	4.93E-06	0.00E+00	0.00E+00	6.52E-03
528	ALL	669696.3	4342731	NonCancer	3.73E-04	2.25E-03	7.15E-03	0.00E+00	0.00E+00	2.25E-03	1.49E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	4.68E-06	0.00E+00	0.00E+00	7.15E-03
529	ALL	669536.9	4342553	NonCancer	4.05E-04	2.45E-03	7.81E-03	0.00E+00	0.00E+00	2.45E-03	1.58E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	4.76E-06	0.00E+00	0.00E+00	7.81E-03
530	ALL	669228.6	4343290	NonCancer	1.45E-03	8.85E-03	2.83E-02	0.00E+00	0.00E+00	8.86E-03	5.46E-04	0.00E+00	4.30E-04	0.00E+00	0.00E+00	8.62E-06	0.00E+00	0.00E+00	2.83E-02
531	ALL	669170.4	4343325	NonCancer	2.24E-03	1.37E-02	4.38E-02	0.00E+00	0.00E+00	1.37E-02	8.39E-04	0.00E+00	6.66E-04	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	4.38E-02
532	ALL	669284.8	4343340	NonCancer	1.25E-03	7.59E-03	2.43E-02	0.00E+00	0.00E+00	7.60E-03	4.71E-04	0.00E+00	3.69E-04	0.00E+00	0.00E+00	7.32E-06	0.00E+00	0.00E+00	2.43E-02
533	ALL	669324.1	4343251	NonCancer	1.28E-03	7.77E-03	2.49E-02	0.00E+00	0.00E+00	7.78E-03	4.82E-04	0.00E+00	3.78E-04	0.00E+00	0.00E+00	5.74E-06	0.00E+00	0.00E+00	2.49E-02
534	ALL	669359.8	4343290	NonCancer	9.64E-04	5.87E-03	1.88E-02	0.00E+00	0.00E+00	5.87E-03	3.67E-04	0.00E+00	2.85E-04	0.00E+00	0.00E+00	4.74E-06	0.00E+00	0.00E+00	1.88E-02
535	ALL	669370.4	4343387	NonCancer	1.15E-03	7.02E-03	2.24E-02	0.00E+00	0.00E+00	7.03E-03	4.38E-04	0.00E+00	3.41E-04	0.00E+00	0.00E+00	6.77E-06	0.00E+00	0.00E+00	2.24E-02
536	ALL	669423.9	4343410	NonCancer	1.07E-03	6.53E-03	2.09E-02	0.00E+00	0.00E+00	6.54E-03	4.09E-04	0.00E+00	3.17E-04	0.00E+00	0.00E+00	6.13E-06	0.00E+00	0.00E+00	2.09E-02
537	ALL	669488.1	4343420	NonCancer	1.05E-03	6.40E-03	2.05E-02	0.00E+00	0.00E+00	6.41E-03	4.02E-04	0.00E+00	3.11E-04	0.00E+00	0.00E+00	5.53E-06	0.00E+00	0.00E+00	2.05E-02
538	ALL	669649.9	4343378	NonCancer	4.48E-04	2.72E-03	8.68E-03	0.00E+00	0.00E+00	2.72E-03	1.83E-04	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.58E-06	0.00E+00	0.00E+00	8.68E-03
539	ALL	669720.5	4343374	NonCancer	3.34E-04	2.02E-03	6.45E-03	0.00E+00	0.00E+00	2.02E-03	1.43E-04	0.00E+00	9.80E-05	0.00E+00	0.00E+00	3.48E-06	0.00E+00	0.00E+00	6.45E-03
540	ALL	669770.4	4343323	NonCancer	2.74E-04	1.65E-03	5.25E-03	0.00E+00	0.00E+00	1.65E-03	1.21E-04	0.00E+00	7.99E-05	0.00E+00	0.00E+00	3.67E-06	0.00E+00	0.00E+00	5.25E-03
541	ALL	669764	4343211	NonCancer	4.51E-04	2.73E-03	8.73E-03	0.00E+00	0.00E+00	2.74E-03	1.85E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	3.88E-06	0.00E+00	0.00E+00	8.73E-03
542	ALL	669764.7	4343112	NonCancer	4.62E-04	2.80E-03	8.93E-03	0.00E+00	0.00E+00	2.80E-03	1.88E-04	0.00E+00	1.36E-04	0.00E+00	0.00E+00	4.00E-06	0.00E+00	0.00E+00	8.93E-03
543	ALL	669888.7	4343142	NonCancer	3.96E-04	2.39E-03	7.62E-03	0.00E+00	0.00E+00	2.39E-03	1.68E-04	0.00E+00	1.16E-04	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	7.62E-03
544	ALL	669888.7	4343250	NonCancer	3.23E-04	1.95E-03	6.20E-03	0.00E+00	0.00E+00	1.95E-03	1.42E-04	0.00E+00	9.42E-05	0.00E+00	0.00E+00	3.90E-06	0.00E+00	0.00E+00	6.20E-03
545	ALL	669864.5	4343261	NonCancer	3.10E-04	1.87E-03	5.96E-03	0.00E+00	0.00E+00	1.87E-03	1.36E-04	0.00E+00	9.06E-05	0.00E+00	0.00E+00	3.85E-06	0.00E+00	0.00E+00	5.96E-03
546	ALL	669088.8	4343481	NonCancer	2.46E-03	1.50E-02	4.81E-02	0.00E+00	0.00E+00	1.50E-02	9.19E-04	0.00E+00	7.31E-04	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.81E-02
547	ALL	668973.4	4343427	NonCancer	3.24E-03	1.98E-02	6.33E-02	0.00E+00	0.00E+00	1.98E-02	1.21E-03	0.00E+00	9.62E-04	0.00E+00	0.00E+00	8.74E-06	0.00E+00	0.00E+00	6.33E-02
548	ALL	669006.2	4343427	NonCancer	3.36E-03	2.05E-02	6.56E-02	0.00E+00	0.00E+00	2.05E-02	1.25E-03	0.00E+00	9.97E-04	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	6.56E-02
549	ALL	668940.6	4343516	NonCancer	1.03E-03	6.26E-03	2.00E-02	0.00E+00	0.00E+00	6.26E-03	3.88E-04	0.00E+00	3.04E-04	0.00E+00	0.00E+00	5.84E-06	0.00E+00	0.00E+00	2.00E-02
550	ALL	668922	4343557	NonCancer	6.86E-04	4.18E-03	1.34E-02	0.00E+00	0.00E+00	4.18E-03	2.63E-04	0.00E+00	2.03E-04	0.00E+00	0.00E+00	4.47E-06	0.00E+00	0.00E+00	1.34E-02
551	ALL	668475.6	4343142	NonCancer	2.72E-03	1.66E-02	5.31E-02	0.00E+00	0.00E+00	1.66E-02	1.01E-03	0.00E+00	8.07E-04	0.00E+00	0.00E+00	4.05E-06	0.00E+00	0.00E+00	5.31E-02
552	ALL	668572	4343208	NonCancer	3.36E-03	2.05E-02	6.55E-02	0.00E+00	0.00E+00	2.05E-02	1.25E-03	0.00E+00	9.97E-04	0.00E+00	0.00E+00	4.45E-06	0.00E+00	0.00E+00	6.55E-02
553	ALL	668567	4343041	NonCancer	1.02E-03	6.25E-03	2.00E-02	0.00E+00	0.00E+00	6.25E-03	3.87E-04	0.00E+00	3.04E-04	0.00E+00	0.00E+00	3.62E-06	0.00E+00	0.00E+00	2.00E-02
554	ALL	669299	4342841	NonCancer	5.42E-04	3.29E-03	1.05E-02	0.00E+00	0.00E+00	3.29E-03	2.09E-04	0.00E+00	1.60E-04	0.00E+00	0.00E+00	4.30E-06	0.00E+00	0.00E+00	1.05E-02
555	ALL	669377.8	4342728	NonCancer	5.63E-04	3.41E-03	1.09E-02	0.00E+00	0.00E+00	3.42E-03	2.16E-04	0.00E+00	1.66E-04	0.00E+00	0.00E+00	4.75E-06	0.00E+00	0.00E+00	1.09E-02
556	ALL	669384.5	4342770	NonCancer	5.87E-04	3.56E-03	1.14E-02	0.00E+00	0.00E+00	3.56E-03	2.25E-04	0.00E+00	1.73E-04	0.00E+00	0.00E+00	4.74E-06	0.00E+00	0.00E+00	1.14E-02
557	ALL	669341.7	4342653	NonCancer	4.91E-04	2.98E-03	9.50E-03	0.00E+00	0.00E+00	2.98E-03	1.90E-04	0.00E+00	1.44E-04	0.00E+00	0.00E+00	4.56E-06	0.00E+00	0.00E+00	9.50E-03
558	ALL	669307.3	4342655	NonCancer	4.80E-04	2.91E-03	9.29E-03	0.00E+00	0.00E+00	2.91E-03	1.86E-04	0.00E+00	1.41E-04	0.00E+00	0.00E+00	4.57E-06	0.00E+00	0.00E+00	9.29E-03
559	ALL	670048.3	4342946	NonCancer	1.54E-04	8.94E-04	2.84E-03	0.00E+00	0.00E+00	9.19E-04	8.25E-05	0.00E+00	4.29E-05	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	2.84E-03
560	ALL	670299.6	4342854	NonCancer	1.20E-04	6.83E-04	2.16E-03	0.00E+00	0.00E+00	7.12E-04	8.57E-05	0.00E+00	3.26E-05	0.00E+00	0.00E+00	2.92E-05	0.00E+00	0.00E+00	2.16E-03
561	ALL	670426.4	4342917	NonCancer	1.10E-04	6.15E-04	1.95E-03	0.00E+00	0.00E+00	6.49E-04	8.90E-05	0.00E+00	2.92E-05	0.00E+00	0.00E+00	3.41E-05	0.00E+00	0.00E+00	1.95E-03
562	ALL	671174.9	4342280	NonCancer	1.44E-04	7.37E-04	2.43E-03	0.00E+00	0.00E+00	9.47E-04	2.83E-04	0.00E+00	3.44E-05	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	2.43E-03
563	ALL	671068.4	4342170	NonCancer	1.40E-04	6.96E-04	2.45E-03	0.00E+00	0.00E+00	1.08E-03	2.08E-04	0.00E+00	3.27E-05	0.00E+00	0.00E+00	3.82E-04	0.00E+00	0.00E+00	2.45E-03
564	ALL	670965.7	4342179	NonCancer	1.42E-04	7.53E-04	2.60E-03	0.00E+00	0.00E+00	1.05E-03	1.67E-04	0.00E+00	3.58E-05	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	2.60E-03
565	ALL	670815.5	4342198	NonCancer	1.88E-04	1.08E-03	3.51E-03	0.00E+00	0.00E+00	1.21E-03	1.27E-04	0.00E+00	5.17E-05	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	3.51E-03
566	ALL	670737.6	4342098	NonCancer	2.25E-04	1.31E-03	4.25E-03	0.00E+00	0.00E+00	1.42E-03	1.24E-04	0.00E+00	6.33E-05	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	4.25E-03
567	ALL	670762.3	4342069	NonCancer	2.20E-04	1.28E-03	4.15E-03	0.00E+00	0.00E+00	1.40E-03	1.33E-04	0.00E+00	6.17E-05	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	4.15E-03
568	ALL	670817.4	4342041	NonCancer	2.16E-04	1.25E-03	4.09E-03	0.00E+00	0.00E+00	1.41E-03	1.51E-04	0.00E+00	6.03E-05	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	4.09E-03
569	ALL	670895.4	4342025	NonCancer	2.15E-04	1.23E-03	4.09E-03	0.00E+00	0.00E+00	1.46E-03	2.01E-04	0.00E+00	5.94E-05	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	4.09E-03
570	ALL	670979	4341915	NonCancer	1.97E-04	1.11E-03	3.78E-03	0.00E+00	0.00E+00	1.43E-03	1.49E-04	0.00E+00	5.36E-05	0.00E+00	0.00E+00	3.18E-04	0.00E+00	0.00E+00	3.78E-03
571	ALL	671115.9	4341864	NonCancer	1.95E-04	1.08E-03	3.99E-03	0.00E+00	0.00E+00	1.73E-03	1.03E-04	0.00E+00	5.27E-05	0.00E+00	0.00E+00	6.52E-04	0.00E+00	0.00E+00	3.99E-03
572	ALL	671199.6	4341771	NonCancer	1.76E-04	9.69E-04	3.82E-03	0.00E+00	0.00E+00	1.79E-03	1.01E-04	0.00E+00	4.80E-05	0.00E+00	0.00E+00	8.28E-04	0.00E+00	0.00E+00	3.82E-03
573	ALL	671222.4	4341377	NonCancer	3.99E-05	1.96E-04	8.11E-04	0.00E+00	0.00E+00	4.27E-04	3.31E-05	0.00E+00	9.55E-06	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	8.11E-04
574	ALL	671714.8	4341392	NonCancer	1.22E-04	6.61E-04	2.24E-03	0.00E+00	0.00E+00	8.69E-04	5.10E-05	0.00E+00	3.16E-05	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	2.24E-03
575	ALL	671366.9	4341999	NonCancer	1.32E-04	5.46E-04	2.48E-03	0.00E+00	0.00E+00	1.54E-03	1.21E-04	0.00E+00	2.57E-05	0.00E+00	0.00E+00	9.97E-04	0.00E+00	0.00E+00	2.48E-03
576	ALL	671226.2	4342236	NonCancer	1.40E-04	7.05E-04	2.33E-03	0.00E+00	0.00E+00	9.23E-04	1.99E-04	0.00E+00	3.28E-05	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	2.33E-03
577	ALL	669098.4	4343412	NonCancer	3.63E-03	2.22E-02	7.09E-02	0.00E+00	0.00E+00	2.22E-02	1.35E-03	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	7.09E-02
578	ALL	668908.6	4343365	NonCancer	4.45E-03	2.72E-02	8.70E-02	0.00E+00	0.00E+00	2.72E-02	1.65E-03	0.00E+00	1.32E-03	0.00E+00	0.00E+00	6.21E-06	0.00E+00	0.00E+00	8.70E-02
579	ALL	668851.5	4343360	NonCancer	4.40E-03	2.69E-02	8.60E-02	0.00E+00	0.00E+00	2.69E-02	1.63E-03	0.00E+00	1.31E-03	0.00E+00	0.00E+00	4.65E-06	0.00E+00	0.00E+00	8.60E-02
580	ALL	668831.4	4343371	NonCancer	4.05E-03	2.47E-02	7.90E-02	0.00E+00	0.00E+00	2.47E-02	1.50E-03	0.00E+00	1.20E-03	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	7.90E-02
581	ALL	668733.9	4343302	NonCancer	5.97E-03	3.64E-02	1.17E-01	0.00E+00	0.00E+00	3.64E-02	2.21E-03	0.00E+00	1.77E-03	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	1.17E-01
582	ALL	668686.9	4343200	NonCancer	3.98E-03	2.43E-02	7.78E-02	0.00E+00	0.00E+00	2.43E-02	1.48E-03	0.00E+00	1.18E-03	0.00E+00	0.00E+00	5.27E-06	0.00E+00	0.00E+00	7.78E-02
583	ALL	668671.8	4343089	NonCancer	2.70E-03	1.65E-02	5.28E-02	0.00E+00	0.00E+00	1.65E-02	1.01E-03	0.00E+00	8.03E-04	0.00E+00	0.00E+00	4.95E-06	0.00E+00	0.00E+00	5.28E-02
584	ALL	668806.2	4343002	NonCancer	2.31E-03	1.41E-02	4.52E-02	0.00E+00	0.00E+00	1.41E-02	8.63E-04	0.00E+00	6.87E-04	0.00E+00	0.00E+00	5.30E-06	0.00E+00	0.00E+00	4.52E-02
585	ALL	668918.7	4343025	NonCancer	1.34E-03	8.15E-03	2.61E-02	0.00E+00	0.00E+00	8.15E-03	5.02E-04	0.00E+00	3.96E-04	0.00E+00	0.00E+00	6.00E-06	0.00E+00	0.00E+00	2.61E-02
586	ALL	669024.5	4342943	NonCancer	1.09E-03	6.64E-03	2.12E-02	0.00E+00	0.00E+00	6.64E-03	4.11E-04	0.00E+00	3.23E-04	0.00E+00	0.00E+00	5.46E-06	0.00E+00	0.00E+00	2.12E-02
587	ALL	669288.2	4342916	NonCancer	9.79E-04	5.96E-03	1.90E-02	0.00E+00	0.00E+00	5.96E-03	3.70E-04	0.00E+00	2.90E-04	0.00E+00	0.00E+00	4.55E-06	0.00E+00	0.00E+00	1.90E-02
588	ALL	669333.6	4342923	NonCancer	1.07E-03	6.50E-03	2.08E-02	0.00E+00	0.00E+00	6.51E-03	4.03E-04	0.00E+00	3.16E-04	0.00E+00	0.00E+00	4.58E-06	0.00E+00	0.00E+00	2.08E-02
589	ALL	669365.5	4342978	NonCancer	1.13E-03	6.86E-03	2.19E-02	0.00E+00	0.00E+00	6.87E-03	4.25E-04	0.00E+00	3.34E-04	0.00E+00	0.00E+00	4.81E-06	0.00E+00	0.00E+00	2.19E-02
590	ALL	669337	4343151	NonCancer	1.39E-03	8.49E-03	2.72E-02	0.00E+00	0.00E+00	8.50E-03	5.25E-04	0.00E+00	4.13E-04	0.00E+00	0.00E+00	5.97E-06	0.00E+00	0.00E+00	2.72E-02
591	ALL	669303.4	4343304	NonCancer	1.19E-03	7.26E-03	2.32E-02	0.00E+00	0.00E+00	7.26E-03	4.51E-04	0.00E+00	3.53E-04	0.00E+00	0.00E+00	6.37E-06	0.00E+00	0.00E+00	2.32E-02
592	ALL	669222.7	4343235	NonCancer	1.66E-03	1.01E-02	3.24E-02	0.00E+00	0.00E+00	1.01E-02	6.23E-04	0.00E+00	4.92E-04	0.00E+00	0.00E+00	9.07E-06	0.00E+00	0.00E+00	3.24E-02
593	ALL	669135.4	4343306	NonCancer	3.76E-03	2.30E-02	7.34E-02	0.00E+00	0.00E+00	2.30E-02	1.40E-03	0.00E+00	1.12E-03	0.00E+00	0.00E+00	8.84E-06	0.00E+00	0.00E+00	7.34E-02

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE\	RESP	SKIN	EYE	BONE/TEE1	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		668148.8	4340781	NonCancer	2.11E-04	3.01E-04	1.32E-07	3.05E-05	1.44E-08	2.41E-04	8.67E-04	2.11E-04	2.43E-09	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	8.67E-04
2	ALL		668370.1	4340781	NonCancer	2.36E-04	3.20E-04	1.20E-07	2.88E-05	1.39E-08	2.65E-04	8.75E-04	2.36E-04	2.76E-09	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	8.75E-04
3	ALL		668591.4	4340781	NonCancer	2.70E-04	3.62E-04	1.29E-07	3.15E-05	1.53E-08	3.02E-04	9.81E-04	2.70E-04	3.11E-09	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	9.81E-04
4	ALL		668812.7	4340781	NonCancer	3.02E-04	4.04E-04	1.44E-07	3.51E-05	1.71E-08	3.37E-04	1.10E-03	3.02E-04	3.50E-09	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	1.10E-03
5	ALL		669034	4340781	NonCancer	3.46E-04	4.53E-04	1.50E-07	3.75E-05	1.84E-08	3.83E-04	1.22E-03	3.45E-04	3.99E-09	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	1.22E-03
6	ALL		669255.3	4340781	NonCancer	4.01E-04	5.17E-04	1.60E-07	4.07E-05	2.02E-08	4.42E-04	1.38E-03	4.01E-04	4.56E-09	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	1.38E-03
7	ALL		669476.7	4340781	NonCancer	4.25E-04	5.44E-04	1.63E-07	4.20E-05	2.10E-08	4.67E-04	1.46E-03	4.25E-04	5.16E-09	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	1.46E-03
8	ALL		669698	4340781	NonCancer	4.63E-04	5.84E-04	1.63E-07	4.30E-05	2.17E-08	5.06E-04	1.56E-03	4.63E-04	5.88E-09	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	1.56E-03
9	ALL		669919.3	4340781	NonCancer	4.59E-04	5.74E-04	1.56E-07	4.16E-05	2.09E-08	5.00E-04	1.69E-03	4.59E-04	1.38E-08	0.00E+00	0.00E+00	2.78E-05	0.00E+00	0.00E+00	1.69E-03
10	ALL		670140.6	4340781	NonCancer	3.93E-04	4.97E-04	1.42E-07	3.72E-05	1.86E-08	4.30E-04	1.81E-03	3.93E-04	1.39E-08	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	1.81E-03
11	ALL		670361.9	4340781	NonCancer	3.10E-04	3.98E-04	1.22E-07	3.13E-05	1.54E-08	3.41E-04	1.63E-03	3.10E-04	1.13E-08	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	1.63E-03
12	ALL		670583.2	4340781	NonCancer	2.28E-04	3.00E-04	9.96E-08	2.48E-05	1.22E-08	2.53E-04	1.26E-03	2.28E-04	1.69E-08	0.00E+00	0.00E+00	1.94E-05	0.00E+00	0.00E+00	1.26E-03
13	ALL		670804.5	4340781	NonCancer	1.90E-04	2.52E-04	8.64E-08	2.13E-05	1.04E-08	2.11E-04	1.03E-03	1.90E-04	1.32E-08	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	1.03E-03
14	ALL		671025.8	4340781	NonCancer	1.62E-04	2.15E-04	7.47E-08	1.84E-05	8.97E-09	1.81E-04	7.88E-04	1.62E-04	1.26E-08	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	7.88E-04
15	ALL		671247.1	4340781	NonCancer	1.30E-04	1.75E-04	6.45E-08	1.56E-05	7.56E-09	1.46E-04	6.48E-04	1.30E-04	6.39E-09	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	6.48E-04
16	ALL		671468.4	4340781	NonCancer	1.24E-04	1.69E-04	6.40E-08	1.53E-05	7.40E-09	1.39E-04	6.40E-04	1.24E-04	4.22E-09	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	6.40E-04
17	ALL		671689.8	4340781	NonCancer	9.76E-05	1.39E-04	5.98E-08	1.38E-05	6.55E-09	1.12E-04	5.83E-04	9.76E-05	2.70E-09	0.00E+00	0.00E+00	9.67E-06	0.00E+00	0.00E+00	5.83E-04
18	ALL		671911.1	4340781	NonCancer	8.77E-05	1.27E-04	5.70E-08	1.31E-05	6.16E-09	1.01E-04	5.06E-04	8.77E-05	1.80E-09	0.00E+00	0.00E+00	9.04E-06	0.00E+00	0.00E+00	5.06E-04
19	ALL		672132.4	4340781	NonCancer	6.94E-05	1.04E-04	5.14E-08	1.15E-05	5.36E-09	8.10E-05	4.04E-04	6.94E-05	1.08E-09	0.00E+00	0.00E+00	7.96E-06	0.00E+00	0.00E+00	4.04E-04
20	ALL		672353.7	4340781	NonCancer	7.42E-05	1.12E-04	5.63E-08	1.26E-05	5.84E-09	8.68E-05	4.60E-04	7.42E-05	1.36E-09	0.00E+00	0.00E+00	8.73E-06	0.00E+00	0.00E+00	4.60E-04
21	ALL		672575	4340781	NonCancer	7.09E-05	1.12E-04	6.12E-08	1.34E-05	6.15E-09	8.44E-05	4.62E-04	7.09E-05	1.47E-09	0.00E+00	0.00E+00	9.38E-06	0.00E+00	0.00E+00	4.62E-04
22	ALL		668148.8	4340946	NonCancer	2.17E-04	3.38E-04	1.82E-07	3.99E-05	1.84E-08	2.57E-04	1.06E-03	2.17E-04	2.41E-09	0.00E+00	0.00E+00	2.75E-05	0.00E+00	0.00E+00	1.06E-03
23	ALL		668370.1	4340946	NonCancer	2.28E-04	3.32E-04	1.52E-07	3.46E-05	1.63E-08	2.63E-04	9.71E-04	2.28E-04	2.76E-09	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	9.71E-04
24	ALL		668591.4	4340946	NonCancer	2.58E-04	3.64E-04	1.54E-07	3.58E-05	1.70E-08	2.94E-04	1.04E-03	2.58E-04	3.14E-09	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	1.04E-03
25	ALL		668812.7	4340946	NonCancer	2.96E-04	4.14E-04	1.70E-07	3.99E-05	1.90E-08	3.36E-04	1.18E-03	2.96E-04	3.57E-09	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	1.18E-03
26	ALL		669034	4340946	NonCancer	3.46E-04	4.61E-04	1.62E-07	3.97E-05	1.94E-08	3.86E-04	1.26E-03	3.46E-04	4.18E-09	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	1.26E-03
27	ALL		669255.3	4340946	NonCancer	4.01E-04	5.27E-04	1.76E-07	4.38E-05	2.15E-08	4.45E-04	1.43E-03	4.01E-04	4.84E-09	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	1.43E-03
28	ALL		669476.7	4340946	NonCancer	4.39E-04	5.69E-04	1.80E-07	4.56E-05	2.25E-08	4.85E-04	1.54E-03	4.39E-04	5.58E-09	0.00E+00	0.00E+00	2.95E-05	0.00E+00	0.00E+00	1.54E-03
29	ALL		669698	4340946	NonCancer	5.29E-04	6.64E-04	1.82E-07	4.83E-05	2.44E-08	5.77E-04	1.75E-03	5.29E-04	6.57E-09	0.00E+00	0.00E+00	3.05E-05	0.00E+00	0.00E+00	1.75E-03
30	ALL		669919.3	4340946	NonCancer	5.62E-04	7.01E-04	1.84E-07	4.97E-05	2.52E-08	6.12E-04	2.19E-03	5.62E-04	1.56E-08	0.00E+00	0.00E+00	3.32E-05	0.00E+00	0.00E+00	2.19E-03
31	ALL		670140.6	4340946	NonCancer	5.20E-04	6.46E-04	1.69E-07	4.57E-05	2.31E-08	5.65E-04	2.17E-03	5.19E-04	1.84E-08	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	2.17E-03
32	ALL		670361.9	4340946	NonCancer	4.17E-04	5.26E-04	1.47E-07	3.88E-05	1.94E-08	4.56E-04	2.07E-03	4.17E-04	1.67E-08	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	2.07E-03
33	ALL		670583.2	4340946	NonCancer	3.00E-04	3.87E-04	1.20E-07	3.05E-05	1.50E-08	3.31E-04	1.79E-03	3.00E-04	1.99E-08	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	1.79E-03
34	ALL		670804.5	4340946	NonCancer	2.33E-04	3.02E-04	9.67E-08	2.44E-05	1.20E-08	2.57E-04	1.33E-03	2.33E-04	2.45E-08	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	1.33E-03
35	ALL		671025.8	4340946	NonCancer	1.90E-04	2.50E-04	8.32E-08	2.07E-05	1.02E-08	2.11E-04	9.68E-04	1.90E-04	1.76E-08	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	9.68E-04
36	ALL		671247.1	4340946	NonCancer	1.47E-04	1.97E-04	7.04E-08	1.72E-05	8.34E-09	1.64E-04	7.38E-04	1.47E-04	8.51E-09	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	7.38E-04
37	ALL		671468.4	4340946	NonCancer	1.28E-04	1.75E-04	6.66E-08	1.59E-05	7.68E-09	1.44E-04	6.77E-04	1.28E-04	5.78E-09	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	6.77E-04
38	ALL		671689.8	4340946	NonCancer	1.13E-04	1.60E-04	6.80E-08	1.58E-05	7.50E-09	1.29E-04	7.23E-04	1.13E-04	3.55E-09	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	7.23E-04
39	ALL		671911.1	4340946	NonCancer	1.05E-04	1.52E-04	6.75E-08	1.55E-05	7.30E-09	1.21E-04	6.59E-04	1.05E-04	3.19E-09	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	6.59E-04
40	ALL		672132.4	4340946	NonCancer	7.53E-05	1.13E-04	5.62E-08	1.26E-05	5.86E-09	8.79E-05	4.44E-04	7.53E-05	1.10E-09	0.00E+00	0.00E+00	8.69E-06	0.00E+00	0.00E+00	4.44E-04
41	ALL		672353.7	4340946	NonCancer	7.48E-05	1.16E-04	6.07E-08	1.34E-05	6.19E-09	8.83E-05	4.66E-04	7.48E-05	1.14E-09	0.00E+00	0.00E+00	9.30E-06	0.00E+00	0.00E+00	4.66E-04
42	ALL		672575	4340946	NonCancer	7.63E-05	1.21E-04	6.75E-08	1.47E-05	6.74E-09	9.11E-05	4.99E-04	7.63E-05	1.54E-09	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	4.99E-04
43	ALL		668148.8	4341111	NonCancer	2.19E-04	3.59E-04	2.13E-07	4.58E-05	2.09E-08	2.65E-04	1.17E-03	2.19E-04	2.43E-09	0.00E+00	0.00E+00	3.19E-05	0.00E+00	0.00E+00	1.17E-03
44	ALL		668370.1	4341111	NonCancer	2.31E-04	3.63E-04	2.00E-07	4.36E-05	2.00E-08	2.74E-04	1.15E-03	2.31E-04	2.73E-09	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	1.15E-03
45	ALL		668591.4	4341111	NonCancer	2.45E-04	3.58E-04	1.66E-07	3.78E-05	1.77E-08	2.83E-04	1.06E-03	2.45E-04	3.16E-09	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	1.06E-03
46	ALL		668812.7	4341111	NonCancer	2.84E-04	4.07E-04	1.81E-07	4.15E-05	1.96E-08	3.25E-04	1.19E-03	2.84E-04	3.64E-09	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	1.19E-03
47	ALL		669034	4341111	NonCancer	3.28E-04	4.53E-04	1.80E-07	4.25E-05	2.04E-08	3.70E-04	1.28E-03	3.28E-04	4.26E-09	0.00E+00	0.00E+00	2.84E-05	0.00E+00	0.00E+00	1.28E-03
48	ALL		669255.3	4341111	NonCancer	3.77E-04	5.15E-04	1.99E-07	4.74E-05	2.28E-08	4.24E-04	1.46E-03	3.77E-04	4.95E-09	0.00E+00	0.00E+00	3.16E-05	0.00E+00	0.00E+00	1.46E-03
49	ALL		669476.7	4341111	NonCancer	4.49E-04	5.91E-04	1.98E-07	4.93E-05	2.42E-08	4.99E-04	1.62E-03	4.49E-04	5.96E-09	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	1.62E-03
50	ALL		669698	4341111	NonCancer	5.59E-04	7.07E-04	2.00E-07	5.26E-05	2.64E-08	6.11E-04	1.87E-03	5.59E-04	7.18E-09	0.00E+00	0.00E+00	3.35E-05	0.00E+00	0.00E+00	1.87E-03
51	ALL		669919.3	4341111	NonCancer	6.30E-04	7.80E-04	1.98E-07	5.41E-05	2.76E-08	6.84E-04	2.05E-03	6.30E-04	8.61E-09	0.00E+00	0.00E+00	3.40E-05	0.00E+00	0.00E+00	2.05E-03
52	ALL		670140.6	4341111	NonCancer	6.76E-04	8.32E-04	2.05E-07	5.67E-05	2.90E-08	7.33E-04	2.63E-03	6.76E-04	2.04E-08	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	2.63E-03
53	ALL		670361.9	4341111	NonCancer	6.01E-04	7.39E-04	1.81E-07	5.01E-05	2.56E-08	6.51E-04	2.58E-03	6.01E-04	2.16E-08	0.00E+00	0.00E+00	3.41E-05	0.00E+00	0.00E+00	2.58E-03
54	ALL		670583.2	4341111	NonCancer	4.24E-04	5.25E-04	1.35E-07	3.67E-05	1.85E-08	4.60E-04	2.10E-03	4.24E-04	1.49E-08	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	2.10E-03
55	ALL		670804.5	4341111	NonCancer	2.81E-04	3.57E-04	1.04E-07	2.71E-05	1.35E-08	3.08E-04	1.54E-03	2.81E-04	2.81E-08	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	1.54E-03
56	ALL		671025.8	4341111	NonCancer	2.15E-04	2.79E-04	8.89E-08	2.25E-05	1.11E-08	2.38E-04	1.16E-03	2.15E-04	2.27E-08	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	1.16E-03
57	ALL		671247.1	4341111	NonCancer	1.85E-04	2.44E-04	8.25E-08	2.04E-05	1.00E-08	2.05E-04	9.77E-04	1.85E-04	1.31E-08	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	9.77E-04
58	ALL		671468.4	4341111	NonCancer	1.47E-04	2.00E-04	7.44E-08	1.79E-05	8.65E-09	1.65E-04	8.29E-04	1.47E-04	7.37E-09	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	8.29E-04
59	ALL		671689.8	4341111	NonCancer	1.43E-04	2.00E-04	8.33E-08	1.95E-05	9.25E-09	1.62E-04	1.00E-03	1.43E-04	5.30E-09	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	1.00E-03
60	ALL		671911.1	4341111	NonCancer	1.22E-04	1.76E-04	7.92E-08	1.81E-05	8.53E-09	1.41E-04	8.31E-04	1.22E-04	3.44E-09	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	8.31E-04
61	ALL		672132.4	4341111	NonCancer	8.21E-05	1.25E-04	6.34E-08	1.41E-05	6.55E-09	9.63E-05	5.13E-04	8.21E-05	1.23E-09	0.00E+00	0.00E+00	9.76E-06	0.00E+00	0.00E+00	5.13E-04
62	ALL		672353.7	4341111	NonCancer	7.33E-05	1.15E-04	6.22E-08	1.36E-05	6.29E-09	8.70E-05	4.52E-04	7.33E-05	9.77E-10	0.00E+00	0.00E+00	9.48E-06	0.00E+00	0.00E+00	4.52E-04
63	ALL		672575	4341111	NonCancer	8.20E-05	1.29E-04	7.07E-08	1.55E-05	7.11E-09	9.75E-05	5.30E-04	8.20E-05	1.64E-09	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	5.30E-04
64	ALL		668148.8	4341276	NonCancer	2.21E-04	3.78E-04	2.41E-07	5.11E-05	2.31E-08	2.72E-04	1.27E-03	2.21E-04	2.46E-09	0.00E+00	0.00E+00	3.58E-05	0.00E+00	0.00E+00	1.27E-03
65	ALL		668370.1	4341276	NonCancer	2.23E-04	3.63E-04	2.12E-07	4.57E-05	2.08E-08	2.69E-04	1.17E-03	2.23E-04	2.77E-09	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	1.17E-03
66	ALL		668591.4	4341276	NonCancer	2.29E-04	3.44E-04	1.72E-07	3.84E-05	1.78E-08	2.67E-04	1.04E-03	2.29E-04	3.19E-09	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	1.04E-03
67	ALL		668812.7	4341276	NonCancer	2.68E-04	3.90E-04	1.80E-07	4.09E-05	1.92E-08	3.09E-04	1.15E-03	2.68E-04	3.71E-09	0.00E+00	0.00E+00	2.78E-05	0.00E+00	0.00E+00	1.15E-03
68	ALL		669034	4341276	NonCancer	3.31E-04	4.60E-04	1.87E-07	4.39E-05	2.09E-08	3.75E-04	1.30E-03	3.31E-04	4.37E-09	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	1.30E-03
69	ALL		669255.3	4341276	NonCancer	3.79E-04	5.25E-04	2.09E-07	4.95E-05	2.37E-08	4.29E-04	1.50E-03	3.79E-04	5.17E-09	0.00E+00	0.00E+00	3.31E-05	0.00E+00	0.00E+00	1.50E-03
70	ALL		669476.7	4341276	NonCancer	4.33E-04	5.86E-04	2.18E-07	5.25E-05	2.53E-08	4.85E-04	1.66E-03	4.33E-04	6.19E-09	0.00E+00	0.00E+00	3.48E-05	0.00E+00	0.00E+00	1.66E-03
71	ALL		669698	4341276	NonCancer	5.33E-04	6.91E-04	2.19E-07	5.54E-05	2.74E-08	5.89E-04	1.88E-03	5.33E-04	7.60E-09	0.00E+00	0.00E+00	3.60E-05	0.00E+00	0.00E+00	1.88E-03
72	ALL		669919.3	4341276	NonCancer	6.66E-04	8.37E-04	2.29E-07	6.08E-05	3.08E-08	7.28E-04	2.45E-03	6.66E-04	1.67E-08	0.00E+00	0.00E+00	4.05E-05	0.00E+00	0.00E+00	2.45E-03
73	ALL		670140.6	4341276	NonCancer	8.35E-04	1.02E-03	2.46E-07	6.86E-05	3.55E-08	9.03E-04	2.87E-03	8.35E-04	1.79E-08	0.00E+00	0.00E+00	4.47E-05	0.00E+00	0.00E+00	2.87E-03
74	ALL		670361.9	4341276	NonCancer	8.42E-04	1.01E-03	2.19E-07	6.37E-05	3.33E-08	9.06E-04	2.98E-03	8.42E-04	2.04E-08	0.00E+00	0.00E+00	4.08E-05	0.00E+00	0.00E+00	2.98E-03
75	ALL		670583.2	4341276	NonCancer	6.02E-04	7.25E-04	1.56E-07	4.55E-05	2.37E-08	6.48E-04	2.37E-03	6.02E-04	1.93E-08	0.00E+00	0.00E+00	3.00E-05	0.00E+00	0.00E+00	2.37E-03
76	ALL		670804.5	4341276	NonCancer	3.70E-04	4.60E-04	1.21E-07	3.26E-05	1.65E-08	4.02E-04	1.94E-03	3.70E-04	2.30E-08	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	1.94E-03
77	ALL		671025.8	4341276	NonCancer	2.66E-04	3.41E-04	1.03E-07	2.65E-05	1.31E-08	2.93E-04	1.60E-03	2.66E-04	3.04E-08	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	1.60E-03
78	ALL		671247.1	4341276	NonCancer	2.51E-04	3.25E-04	1.02E-07	2.59E-05	1.28E-08	2.77E-04	1.55E-03	2.51E-04	2.21E-08	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	1.55E-03
79	ALL		671468.4	4341276	NonCancer	2.12E-04	2.85E-04	1.04E-07	2.52E-05	1.21E-08	2.37E-04	1.70E-03	2.12E-04	1.29E-08	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	1.70E-03
80	ALL		671689.8	4341276	NonCancer	1.83E-04	2.57E-04	1.07E-07	2.51E-05	1.19E-08	2.08E-04	1.50E-03	1.83E-04	1.16E-08	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	1.50E-03
81	ALL		671911.1	4341276	NonCancer	1.49E-04	2.15E-04	9.75E-08	2.23E-05	1.04E-08	1.71E-04	1.14E-03	1.49E-04	4.85E-09	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	1.14E-03
82	ALL		672132.4	4341276	NonCancer	9.52E-05	1.44E-04	7.26E-08	1.62E-05	7.52E-09	1.11E-04	6.04E-04	9.52E-05	1.44E-09	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	6.04E-04
83	ALL		672353.7	4341276	NonCancer	7.80E-05	1.21E-04	6.40E-08	1.41E-05	6.52E-09	9.21E-05	4.95E-04	7.80E-05	1.04E-09	0.00E+00	0.00E+00	9.78E-06	0.00E+00	0.00E+00	4.95E-04
84	ALL		672575	4341276	NonCancer	9.25E-05	1.43E-04	7.50E-08	1.66E-05	7.64E-09	1.09E-04	6.06E-04	9.25E-05	2.00E-09	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	6.06E-04
85	ALL		668148.8	4341441	NonCancer	2.46E-04	4.49E-04	3.13E-07	6.52E-05	2.92E-08	3.11E-04	1.58E-03	2.46E-04	2.48E-09	0.00E+00	0.00E+00	4.60E-05	0.00E+00	0.00E+00	1.58E-03
86	ALL		668370.1	4341441	NonCancer	2.22E-04	3.74E-04	2.32E-07	4.95E-05	2.24E-08	2.71E-04	1.23E-03	2.22E-04	2.80E-09	0.00E+00	0.00E+00	3.47E-05	0.00E+00	0.00E+00	1.23E-03
87	ALL		668591.4	4341441	NonCancer	2.18E-04	3.41E-04	1.85E-07	4.05E-05	1.86E-08	2.59E-04	1.05E-03	2.18E-04	3.20E-09	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	1.05E-03
88	ALL		668812.7	4341441	NonCancer	2.54E-04	3.82E-04	1.89E-07	4.23E-05	1.97E-08	2.97E-04	1.15E-03	2.54E-04	3.74E-09	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	1.15E-03
89	ALL		669034	4341441	NonCancer	3.09E-04	4.51E-04	2.09E-07	4.76E-05	2.23E-08	3.57E-04	1.32E-03	3.09E-04	4.39E-09	0.00E+00	0.00E+00	3.24E-05	0.00E+00	0.00E+00	1.32E-03
90	ALL		669255.3	4341441	NonCancer	3.42E-04	5.02E-04	2.36E-07	5.34E-05	2.50E-08	3.96E-04	1.51E-03	3.42E-04	5.19E-09	0.00E+00	0.00E+00	3.64E-05	0.00E+00	0.00E+00	1.51E-03
91	ALL		669476.7	4341441	NonCancer	4.07E-04	5.72E-04	2.39E-07	5.58E-05	2.65E-08	4.63E-04	1.67E-03	4.07E-04	6.31E-09	0.00E+00	0.00E+00	3.76E-05	0.00E+00	0.00E+00	1.67E-03
92	ALL		669698	4341441	NonCancer	5.12E-04	6.81E-04	2.37E-07	5.83E-05	2.84E-08	5.71E-04	1.90E-03	5.12E-04	7.87E-09	0.00E+00	0.00E+00	3.84E-05	0.00E+00	0.00E+00	1.90E-03
93	ALL		669919.3	4341441	NonCancer	6.49E-04	8.35E-04	2.55E-07	6.52E-05	3.25E-08	7.14E-04	2.36E-03	6.49E-04	1.30E-08	0.00E+00	0.00E+00	4.35E-05	0.00E+00	0.00E+00	2.36E-03
94	ALL		670140.6	4341441	NonCancer	8.75E-04	1.08E-03	2.72E-07	7.45E-05	3.84E-08	9.50E-04	2.82E-03	8.75E-04	1.35E-08	0.00E+00	0.00E+00	4.79E-05	0.00E+00	0.00E+00	2.82E-03
95	ALL		670361.9	4341441	NonCancer	1.11E-03	1.33E-03	2.73E-07	8.11E-05	4.30E-08	1.19E-03	3.41E-03	1.11E-03	1.85E-08	0.00E+00	0.00E+00	5.07E-05	0.00E+00	0.00E+00	3.41E-03
96	ALL		670583.2	4341441	NonCancer	9.83E-04	1.16E-03	2.15E-07	6.67E-05	3.55E-08	1.05E-03	3.16E-03	9.83E-04	2.37E-08	0.00E+00	0.00E+00	4.16E-05	0.00E+00	0.00E+00	3.16E-03
97	ALL		670804.5	4341441	NonCancer	6.29E-04	7.59E-04	1.68E-07	4.84E-05	2.49E-08	6.77E-04	2.88E-03	6.29E-04	3.97E-08	0.00E+00	0.00E+00	3.61E-05	0.00E+00	0.00E+00	2.88E-03
98	ALL		671025.8	4341441	NonCancer	3.93E-04	4.92E-04	1.33E-07	3.56E-05	1.79E-08	4.29E-04	2.41E-03	3.93E-04	5.62E-08	0.00E+00	0.00E+00	3.45E-05	0.00E+00	0.00E+00	2.41E-03

99	ALL	671689.8	4341441	NonCancer	2.76E-04	3.79E-04	1.49E-07	3.54E-05	1.68E-08	3.11E-04	3.99E-03	2.76E-04	3.61E-08	0.00E+00	0.00E+00	3.08E-05	0.00E+00	0.00E+00	3.99E-03
100	ALL	671911.1	4341441	NonCancer	1.68E-04	2.44E-04	1.11E-07	2.53E-05	1.19E-08	1.94E-04	1.41E-03	1.68E-04	4.75E-09	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	1.41E-03
101	ALL	672132.4	4341441	NonCancer	1.16E-04	1.71E-04	8.03E-08	1.82E-05	8.53E-09	1.34E-04	7.67E-04	1.16E-04	1.97E-09	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	7.67E-04
102	ALL	672353.7	4341441	NonCancer	1.08E-04	1.59E-04	7.52E-08	1.70E-05	7.97E-09	1.25E-04	6.79E-04	1.08E-04	1.76E-09	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	6.79E-04
103	ALL	672575	4341441	NonCancer	1.21E-04	1.83E-04	9.32E-08	2.07E-05	9.59E-09	1.41E-04	9.94E-04	1.21E-04	4.61E-09	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	9.94E-04
104	ALL	668148.8	4341606	NonCancer	2.47E-04	4.57E-04	3.24E-07	6.74E-05	3.00E-08	3.15E-04	1.60E-03	2.47E-04	2.53E-09	0.00E+00	0.00E+00	4.76E-05	0.00E+00	0.00E+00	1.60E-03
105	ALL	668370.1	4341606	NonCancer	2.13E-04	3.61E-04	2.26E-07	4.81E-05	2.17E-08	2.62E-04	1.17E-03	2.13E-04	2.84E-09	0.00E+00	0.00E+00	3.36E-05	0.00E+00	0.00E+00	1.17E-03
106	ALL	668591.4	4341606	NonCancer	2.15E-04	3.45E-04	1.96E-07	4.25E-05	1.94E-08	2.58E-04	1.07E-03	2.15E-04	3.24E-09	0.00E+00	0.00E+00	2.95E-05	0.00E+00	0.00E+00	1.07E-03
107	ALL	668812.7	4341606	NonCancer	2.45E-04	3.88E-04	2.15E-07	4.70E-05	2.15E-08	2.92E-04	1.21E-03	2.45E-04	3.75E-09	0.00E+00	0.00E+00	3.26E-05	0.00E+00	0.00E+00	1.21E-03
108	ALL	669034	4341606	NonCancer	2.79E-04	4.40E-04	2.42E-07	5.29E-05	2.43E-08	3.33E-04	1.39E-03	2.79E-04	4.39E-09	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	1.39E-03
109	ALL	669255.3	4341606	NonCancer	3.20E-04	4.98E-04	2.66E-07	5.85E-05	2.69E-08	3.79E-04	1.57E-03	3.20E-04	5.22E-09	0.00E+00	0.00E+00	4.05E-05	0.00E+00	0.00E+00	1.57E-03
110	ALL	669476.7	4341606	NonCancer	3.73E-04	5.54E-04	2.67E-07	6.02E-05	2.80E-08	4.33E-04	1.69E-03	3.73E-04	6.37E-09	0.00E+00	0.00E+00	4.13E-05	0.00E+00	0.00E+00	1.69E-03
111	ALL	669698	4341606	NonCancer	4.39E-04	6.16E-04	2.57E-07	6.00E-05	2.85E-08	5.00E-04	1.82E-03	4.39E-04	7.95E-09	0.00E+00	0.00E+00	4.06E-05	0.00E+00	0.00E+00	1.82E-03
112	ALL	669919.3	4341606	NonCancer	5.43E-04	7.33E-04	2.68E-07	6.49E-05	3.15E-08	6.09E-04	2.03E-03	5.43E-04	9.41E-09	0.00E+00	0.00E+00	4.37E-05	0.00E+00	0.00E+00	2.03E-03
113	ALL	670140.6	4341606	NonCancer	7.78E-04	9.91E-04	2.89E-07	7.51E-05	3.78E-08	8.53E-04	2.56E-03	7.78E-04	1.08E-08	0.00E+00	0.00E+00	4.90E-05	0.00E+00	0.00E+00	2.56E-03
114	ALL	670361.9	4341606	NonCancer	1.13E-03	1.37E-03	3.04E-07	8.73E-05	4.60E-08	1.22E-03	3.30E-03	1.13E-03	1.27E-08	0.00E+00	0.00E+00	5.44E-05	0.00E+00	0.00E+00	3.30E-03
115	ALL	670583.2	4341606	NonCancer	1.53E-03	1.79E-03	3.24E-07	1.02E-04	5.50E-08	1.63E-03	4.33E-03	1.53E-03	2.37E-08	0.00E+00	0.00E+00	6.21E-05	0.00E+00	0.00E+00	4.33E-03
116	ALL	670804.5	4341606	NonCancer	1.34E-03	1.57E-03	2.86E-07	8.98E-05	4.74E-08	1.43E-03	4.92E-03	1.34E-03	9.36E-08	0.00E+00	0.00E+00	6.88E-05	0.00E+00	0.00E+00	4.92E-03
117	ALL	671025.8	4341606	NonCancer	6.87E-04	8.38E-04	1.98E-07	5.58E-05	2.83E-08	7.43E-04	3.96E-03	6.87E-04	1.47E-07	0.00E+00	0.00E+00	6.62E-05	0.00E+00	0.00E+00	3.96E-03
118	ALL	671689.8	4341606	NonCancer	3.75E-04	5.03E-04	1.82E-07	4.43E-05	2.12E-08	4.20E-04	7.73E-03	3.75E-04	4.58E-08	0.00E+00	0.00E+00	3.80E-05	0.00E+00	0.00E+00	7.73E-03
119	ALL	671911.1	4341606	NonCancer	2.19E-04	3.10E-04	1.33E-07	3.08E-05	1.45E-08	2.49E-04	2.08E-03	2.19E-04	8.51E-09	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	2.08E-03
120	ALL	672132.4	4341606	NonCancer	1.62E-04	2.29E-04	9.79E-08	2.27E-05	1.08E-08	1.85E-04	1.15E-03	1.62E-04	3.50E-09	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	1.15E-03
121	ALL	672353.7	4341606	NonCancer	1.31E-04	1.90E-04	8.78E-08	2.00E-05	9.38E-09	1.51E-04	8.67E-04	1.31E-04	2.33E-09	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	8.67E-04
122	ALL	672575	4341606	NonCancer	1.43E-04	2.13E-04	1.05E-07	2.35E-05	1.09E-08	1.66E-04	1.11E-03	1.43E-04	7.99E-09	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	1.11E-03
123	ALL	668148.8	4341771	NonCancer	3.56E-04	7.22E-04	5.70E-07	1.16E-04	5.14E-08	4.73E-04	2.71E-03	3.56E-04	2.58E-09	0.00E+00	0.00E+00	8.29E-05	0.00E+00	0.00E+00	2.71E-03
124	ALL	668370.1	4341771	NonCancer	2.34E-04	4.19E-04	2.84E-07	5.96E-05	2.67E-08	2.94E-04	1.41E-03	2.34E-04	2.88E-09	0.00E+00	0.00E+00	4.20E-05	0.00E+00	0.00E+00	1.41E-03
125	ALL	668591.4	4341771	NonCancer	2.33E-04	4.05E-04	2.64E-07	5.59E-05	2.51E-08	2.89E-04	1.34E-03	2.33E-04	3.25E-09	0.00E+00	0.00E+00	3.93E-05	0.00E+00	0.00E+00	1.34E-03
126	ALL	668812.7	4341771	NonCancer	2.48E-04	4.20E-04	2.62E-07	5.58E-05	2.52E-08	3.04E-04	1.37E-03	2.48E-04	3.76E-09	0.00E+00	0.00E+00	3.92E-05	0.00E+00	0.00E+00	1.37E-03
127	ALL	669034	4341771	NonCancer	2.81E-04	4.68E-04	2.84E-07	6.09E-05	2.76E-08	3.42E-04	1.53E-03	2.81E-04	4.43E-09	0.00E+00	0.00E+00	4.26E-05	0.00E+00	0.00E+00	1.53E-03
128	ALL	669255.3	4341771	NonCancer	3.29E-04	5.32E-04	3.08E-07	6.65E-05	3.03E-08	3.96E-04	1.70E-03	3.29E-04	5.31E-09	0.00E+00	0.00E+00	4.63E-05	0.00E+00	0.00E+00	1.70E-03
129	ALL	669476.7	4341771	NonCancer	3.41E-04	5.41E-04	3.01E-07	6.56E-05	3.00E-08	4.07E-04	1.74E-03	3.41E-04	7.43E-09	0.00E+00	0.00E+00	4.60E-05	0.00E+00	0.00E+00	1.74E-03
130	ALL	669698	4341771	NonCancer	3.58E-04	5.46E-04	2.80E-07	6.21E-05	2.88E-08	4.21E-04	1.69E-03	3.58E-04	8.23E-09	0.00E+00	0.00E+00	4.35E-05	0.00E+00	0.00E+00	1.69E-03
131	ALL	669919.3	4341771	NonCancer	4.33E-04	6.22E-04	2.77E-07	6.35E-05	3.00E-08	4.97E-04	1.73E-03	4.33E-04	7.58E-09	0.00E+00	0.00E+00	4.37E-05	0.00E+00	0.00E+00	1.73E-03
132	ALL	670140.6	4341771	NonCancer	5.70E-04	7.69E-04	2.82E-07	6.81E-05	3.31E-08	6.38E-04	1.98E-03	5.70E-04	7.75E-09	0.00E+00	0.00E+00	4.56E-05	0.00E+00	0.00E+00	1.98E-03
133	ALL	670361.9	4341771	NonCancer	8.14E-04	1.03E-03	2.90E-07	7.62E-05	3.87E-08	8.90E-04	2.48E-03	8.14E-04	8.07E-09	0.00E+00	0.00E+00	4.89E-05	0.00E+00	0.00E+00	2.48E-03
134	ALL	670583.2	4341771	NonCancer	1.64E-03	1.98E-03	4.28E-07	1.24E-04	6.59E-08	1.77E-03	4.73E-03	1.64E-03	1.90E-08	0.00E+00	0.00E+00	7.79E-05	0.00E+00	0.00E+00	4.73E-03
135	ALL	670804.5	4341771	NonCancer	2.34E-03	2.79E-03	5.48E-07	1.66E-04	8.79E-08	2.51E-03	8.20E-03	2.34E-03	9.83E-08	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	8.20E-03
136	ALL	671025.8	4341771	NonCancer	1.60E-03	1.91E-03	4.00E-07	1.19E-04	5.90E-08	1.72E-03	8.86E-03	1.60E-03	5.80E-07	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	8.86E-03
137	ALL	671689.8	4341771	NonCancer	4.00E-04	5.30E-04	1.84E-07	4.53E-05	2.19E-08	4.46E-04	6.13E-03	4.00E-04	3.31E-08	0.00E+00	0.00E+00	3.58E-05	0.00E+00	0.00E+00	6.13E-03
138	ALL	671911.1	4341771	NonCancer	2.91E-04	3.99E-04	1.55E-07	3.69E-05	1.77E-08	3.28E-04	2.60E-03	2.91E-04	1.14E-08	0.00E+00	0.00E+00	2.62E-05	0.00E+00	0.00E+00	2.60E-03
139	ALL	672132.4	4341771	NonCancer	1.83E-04	2.56E-04	1.05E-07	2.47E-05	1.18E-08	2.08E-04	1.24E-03	1.83E-04	3.66E-09	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	1.24E-03
140	ALL	672353.7	4341771	NonCancer	1.37E-04	2.00E-04	9.19E-08	2.09E-05	9.84E-09	1.58E-04	8.70E-04	1.37E-04	2.21E-09	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	8.70E-04
141	ALL	672575	4341771	NonCancer	1.58E-04	2.35E-04	1.14E-07	2.57E-05	1.19E-08	1.84E-04	1.20E-03	1.58E-04	8.45E-09	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	1.20E-03
142	ALL	668148.8	4341936	NonCancer	5.21E-04	1.12E-03	9.30E-07	1.89E-04	8.27E-08	7.11E-04	4.37E-03	5.21E-04	2.55E-09	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	4.37E-03
143	ALL	668370.1	4341936	NonCancer	3.80E-04	7.75E-04	6.15E-07	1.26E-04	5.54E-08	5.06E-04	2.91E-03	3.80E-04	2.93E-09	0.00E+00	0.00E+00	8.94E-05	0.00E+00	0.00E+00	2.91E-03
144	ALL	668591.4	4341936	NonCancer	2.64E-04	4.89E-04	3.46E-07	7.21E-05	3.21E-08	3.37E-04	1.68E-03	2.64E-04	3.31E-09	0.00E+00	0.00E+00	5.10E-05	0.00E+00	0.00E+00	1.68E-03
145	ALL	668812.7	4341936	NonCancer	2.59E-04	4.54E-04	2.99E-07	6.31E-05	2.83E-08	3.22E-04	1.50E-03	2.59E-04	3.85E-09	0.00E+00	0.00E+00	4.44E-05	0.00E+00	0.00E+00	1.50E-03
146	ALL	669034	4341936	NonCancer	2.97E-04	5.14E-04	3.32E-07	7.02E-05	3.16E-08	3.68E-04	1.70E-03	2.97E-04	4.53E-09	0.00E+00	0.00E+00	4.93E-05	0.00E+00	0.00E+00	1.70E-03
147	ALL	669255.3	4341936	NonCancer	3.22E-04	5.58E-04	3.62E-07	7.67E-05	3.44E-08	3.99E-04	1.85E-03	3.22E-04	6.22E-09	0.00E+00	0.00E+00	5.42E-05	0.00E+00	0.00E+00	1.85E-03
148	ALL	669476.7	4341936	NonCancer	3.25E-04	5.52E-04	3.47E-07	7.38E-05	3.33E-08	3.99E-04	1.81E-03	3.25E-04	6.55E-09	0.00E+00	0.00E+00	5.22E-05	0.00E+00	0.00E+00	1.81E-03
149	ALL	669698	4341936	NonCancer	3.44E-04	5.53E-04	3.14E-07	6.82E-05	3.12E-08	4.13E-04	1.65E-03	3.44E-04	5.16E-09	0.00E+00	0.00E+00	4.76E-05	0.00E+00	0.00E+00	1.65E-03
150	ALL	669919.3	4341936	NonCancer	3.65E-04	5.51E-04	2.76E-07	6.15E-05	2.86E-08	4.27E-04	1.52E-03	3.65E-04	4.44E-09	0.00E+00	0.00E+00	4.23E-05	0.00E+00	0.00E+00	1.52E-03
151	ALL	670140.6	4341936	NonCancer	4.32E-04	6.16E-04	2.68E-07	6.19E-05	2.94E-08	4.94E-04	1.61E-03	4.32E-04	5.39E-09	0.00E+00	0.00E+00	4.20E-05	0.00E+00	0.00E+00	1.61E-03
152	ALL	670361.9	4341936	NonCancer	5.68E-04	7.78E-04	3.00E-07	7.15E-05	3.45E-08	6.40E-04	1.99E-03	5.68E-04	7.68E-09	0.00E+00	0.00E+00	4.80E-05	0.00E+00	0.00E+00	1.99E-03
153	ALL	670583.2	4341936	NonCancer	9.52E-04	1.26E-03	4.28E-07	1.06E-04	5.20E-08	1.06E-03	3.56E-03	9.52E-04	2.51E-08	0.00E+00	0.00E+00	7.29E-05	0.00E+00	0.00E+00	3.56E-03
154	ALL	670804.5	4341936	NonCancer	2.08E-03	2.59E-03	6.62E-07	1.80E-04	9.22E-08	2.27E-03	7.68E-03	2.08E-03	1.04E-07	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	7.68E-03
155	ALL	671468.4	4341936	NonCancer	1.12E-03	1.35E-03	2.94E-07	8.55E-05	4.35E-08	1.20E-03	2.17E-02	1.12E-03	2.56E-07	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	2.17E-02
156	ALL	671689.8	4341936	NonCancer	5.59E-04	7.07E-04	2.03E-07	5.31E-05	2.64E-08	6.12E-04	5.23E-03	5.59E-04	4.68E-08	0.00E+00	0.00E+00	4.24E-05	0.00E+00	0.00E+00	5.23E-03
157	ALL	671911.1	4341936	NonCancer	3.55E-04	4.73E-04	1.66E-07	4.07E-05	1.97E-08	3.96E-04	2.54E-03	3.55E-04	1.25E-08	0.00E+00	0.00E+00	2.83E-05	0.00E+00	0.00E+00	2.54E-03
158	ALL	672132.4	4341936	NonCancer	2.21E-04	3.04E-04	1.19E-07	2.83E-05	1.36E-08	2.49E-04	1.34E-03	2.21E-04	4.10E-09	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	1.34E-03
159	ALL	672353.7	4341936	NonCancer	1.56E-04	2.24E-04	1.00E-07	2.30E-05	1.08E-08	1.79E-04	9.21E-04	1.56E-04	2.28E-09	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	9.21E-04
160	ALL	672575	4341936	NonCancer	1.51E-04	2.27E-04	1.13E-07	2.53E-05	1.17E-08	1.76E-04	9.51E-04	1.51E-04	3.20E-09	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	9.51E-04
161	ALL	668148.8	4342101	NonCancer	6.83E-04	1.49E-03	1.27E-06	2.57E-04	1.13E-07	9.42E-04	5.93E-03	6.83E-04	2.76E-09	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	5.93E-03
162	ALL	668370.1	4342101	NonCancer	4.40E-04	9.15E-04	7.42E-07	1.51E-04	6.64E-08	5.92E-04	3.45E-03	4.40E-04	3.02E-09	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	3.45E-03
163	ALL	668591.4	4342101	NonCancer	3.08E-04	5.88E-04	4.34E-07	8.97E-05	3.98E-08	3.98E-04	2.06E-03	3.08E-04	3.42E-09	0.00E+00	0.00E+00	6.36E-05	0.00E+00	0.00E+00	2.06E-03
164	ALL	668812.7	4342101	NonCancer	2.91E-04	5.34E-04	3.75E-07	7.81E-05	3.48E-08	3.70E-04	1.82E-03	2.91E-04	3.95E-09	0.00E+00	0.00E+00	5.52E-05	0.00E+00	0.00E+00	1.82E-03
165	ALL	669034	4342101	NonCancer	3.32E-04	6.03E-04	4.17E-07	8.72E-05	3.89E-08	4.19E-04	2.02E-03	3.32E-04	4.65E-09	0.00E+00	0.00E+00	6.15E-05	0.00E+00	0.00E+00	2.02E-03
166	ALL	669255.3	4342101	NonCancer	3.66E-04	6.62E-04	4.57E-07	9.56E-05	4.27E-08	4.62E-04	2.23E-03	3.66E-04	5.56E-09	0.00E+00	0.00E+00	6.75E-05	0.00E+00	0.00E+00	2.23E-03
167	ALL	669476.7	4342101	NonCancer	3.45E-04	6.18E-04	4.19E-07	8.80E-05	3.94E-08	4.34E-04	2.09E-03	3.45E-04	7.77E-09	0.00E+00	0.00E+00	6.27E-05	0.00E+00	0.00E+00	2.09E-03
168	ALL	669698	4342101	NonCancer	3.43E-04	5.77E-04	3.57E-07	7.62E-05	3.45E-08	4.19E-04	1.85E-03	3.43E-04	8.22E-09	0.00E+00	0.00E+00	5.42E-05	0.00E+00	0.00E+00	1.85E-03
169	ALL	669919.3	4342101	NonCancer	3.66E-04	5.82E-04	3.25E-07	7.08E-05	3.24E-08	4.37E-04	1.76E-03	3.66E-04	9.17E-09	0.00E+00	0.00E+00	5.01E-05	0.00E+00	0.00E+00	1.76E-03
170	ALL	670140.6	4342101	NonCancer	4.20E-04	6.34E-04	3.18E-07	7.09E-05	3.29E-08	4.91E-04	1.76E-03	4.20E-04	8.53E-09	0.00E+00	0.00E+00	4.94E-05	0.00E+00	0.00E+00	1.76E-03
171	ALL	670361.9	4342101	NonCancer	5.24E-04	7.69E-04	3.60E-07	8.18E-05	3.81E-08	6.06E-04	2.53E-03	5.24E-04	2.71E-08	0.00E+00	0.00E+00	5.99E-05	0.00E+00	0.00E+00	2.53E-03
172	ALL	670583.2	4342101	NonCancer	7.56E-04	1.08E-03	4.71E-07	1.09E-04	5.09E-08	8.65E-04	3.53E-03	7.56E-04	4.04E-08	0.00E+00	0.00E+00	7.93E-05	0.00E+00	0.00E+00	3.53E-03
173	ALL	671468.4	4342101	NonCancer	1.37E-03	1.64E-03	3.39E-07	1.01E-04	5.21E-08	1.47E-03	9.92E-03	1.37E-03	1.17E-07	0.00E+00	0.00E+00	8.17E-05	0.00E+00	0.00E+00	9.92E-03
174	ALL	671689.8	4342101	NonCancer	6.48E-04	8.13E-04	2.23E-07	5.94E-05	2.97E-08	7.08E-04	4.19E-03	6.48E-04	2.99E-08	0.00E+00	0.00E+00	4.20E-05	0.00E+00	0.00E+00	4.19E-03
175	ALL	671911.1	4342101	NonCancer	3.92E-04	5.20E-04	1.80E-07	4.43E-05	2.15E-08	4.37E-04	2.39E-03	3.92E-04	1.10E-08	0.00E+00	0.00E+00	3.01E-05	0.00E+00	0.00E+00	2.39E-03
176	ALL	672132.4	4342101	NonCancer	2.51E-04	3.47E-04	1.37E-07	3.25E-05	1.56E-08	2.84E-04	1.43E-03	2.51E-04	4.43E-09	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	1.43E-03
177	ALL	672353.7	4342101	NonCancer	1.75E-04	2.51E-04	1.12E-07	2.57E-05	1.21E-08	2.01E-04	9.80E-04	1.75E-04	2.40E-09	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	9.80E-04
178	ALL	672575	4342101	NonCancer	1.57E-04	2.36E-04	1.18E-07	2.64E-05	1.22E-08	1.83E-04	9.41E-04	1.57E-04	2.98E-09	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	9.41E-04
179	ALL	668148.8	4342266	NonCancer	8.97E-04	1.99E-03	1.72E-06	3.46E-04	1.51E-07	1.24E-03	7.98E-03	8.97E-04	2.94E-09	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	7.98E-03
180	ALL	668370.1	4342266	NonCancer	6.17E-04	1.32E-03	1.11E-06	2.24E-04	9.82E-08	8.42E-04	5.11E-03	6.17E-04	3.13E-09	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	5.11E-03
181	ALL	668591.4	4342266	NonCancer	5.76E-04	1.22E-03	1.00E-06	2.04E-04	8.96E-08	7.81E-04	4.67E-03	5.76E-04	3.51E-09	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	4.67E-03
182	ALL	668812.7	4342266	NonCancer	4.28E-04	8.58E-04	6.70E-07	1.37E-04	6.06E-08	5.66E-04	3.13E-03	4.28E-04	4.00E-09	0.00E+00	0.00E+00	9.76E-05	0.00E+00	0.00E+00	3.13E-03
183	ALL	669034	4342266	NonCancer	4.22E-04	8.28E-04	6.32E-07	1.30E-04	5.74E-08	5.52E-04	2.97E-03	4.22E-04	4.67E-09	0.00E+00	0.00E+00	9.23E-05	0.00E+00	0.00E+00	2.97E-03
184	ALL	669255.3	4342266	NonCancer	4.38E-04	8.38E-04	6.20E-07	1.28E-04	5.68E-08	5.67E-04	2.97E-03	4.38E-04	5.64E-09	0.00E+00	0.00E+00	9.08E-05	0.00E+00	0.00E+00	2.97E-03
185	ALL	669476.7	4342266	NonCancer	4.30E-04	7.86E-04	5.48E-07	1.14E-04	5.10E-08	5.45E-04	2.69E-03	4.30E-04	6.91E-09	0.00E+00	0.00E+00	8.08E-05	0.00E+00	0.00E+00	2.69E-03
186	ALL	669698	4342266	NonCancer	4.30E-04	7.27E-04	4.53E-07	9.66E-05	4.35E-08	5.27E-04	2.31E-03	4.30E-04	8.71E-09	0.00E+00	0.00E+00	6.77E-05	0.00E+00	0.00E+00	2.31E-03
187	ALL	669919.3	4342266	NonCancer	4.53E-04	7.21E-04	4.06E-07	8.83E-05	4.01E-08	5.41E-04	2.23E-03	4.53E-04	1.12E-08	0.00E+00	0.00E+00	6.16E-05	0.00E+00	0.00E+00	2.23E-03
188	ALL	670140.6	4342266	NonCancer	4.87E-04	7.58E-04	4.08E-07	8.97E-05	4.10E-08	5.77E-04	2.38E-03	4.87E-04	2.16E-08	0.00E+00	0.00E+00	6.47E-05	0.00E+00	0.00E+00	2.38E-03
189	ALL	670361.9	4342266	NonCancer	6.30E-04	9.48E-04	4.75E-07	1.06E-04	4.88E-08	7.36E-04	2.89E-03	6.29E-04	2.14E-08	0.00E+00	0.00E+00	7.44E-05	0.00E+00	0.00E+00	2.89E-03
190	ALL	670583.2	4342266	NonCancer	8.89E-04	1.28E-03	5.75E-07	1.32E-04	6.15E-08	1.02E-03	3.86E-03	8.89E-04	3.57E-08	0.00E+00	0.00E+00	9.32E-05	0.00E+00	0.00E+00	3.86E-03
191	ALL	670804.5	4342266	NonCancer	1.51E-03	2.11E-03	8.65E-07	2.03E-04	9.59E-08	1.72E-03	6.24E-03	1.51E-03	7.73E-08	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	6.24E-03
192	ALL	671025.8	4342266	NonCancer	3.93E-03	5.46E-03	2.22E-06	5.23E-04	2.48E-07	4.45E-03	1.34E-02	3.93E-03	1.91E-07	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	1.34E-02
193	ALL	671247.1	4342266	NonCancer	3.84E-03	5.10E-03	1.79E-06	4.39E-04	2.10E-07	4.29E-03	1.74E-02	3.84E-03	2.79E-07	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	1.74E-02
194	ALL	671468.4	4342266	NonCancer	1.14E-03	1.42E-03	3.79E-07	1.02E-04	5.11E-08	1.24E-03	6.72E-03	1.14E-03	5.58E-08	0.00E+00	0.00E+00	7.21E-05	0.00E+00	0.00E+00	6.72E-03
195	ALL	671689.8	4342266	NonCancer	6.10E-04	7.89E-04	2.47E-07	6.28E-05	3.10E-08	6.73E-04	3.51E-03	6.10E-04	1.91E-08	0.00E+00	0.00E+00	4.28E-05	0.00E+00	0.00E+00	3.51E-03
196	ALL	671911.1	4342266	NonCancer	3.79E-04	5.10E-04	1.86E-07	4.51E-05	2.18E-08	4.25E-04	2.09E-03	3.79E-04	7.25E-09	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	2.09E-03
197	ALL	672132.4	4342266	NonCancer	2.66E-04	3.74E-04	1.57E-07	3.65E-05	1.73E-08	3.03E-04	1.48E-03	2.66E-04	4.50E-09	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	1.48E-03

198	ALL	672353.7	4342266	NonCancer	1.93E-04	2.81E-04	1.29E-07	2.94E-05	1.38E-08	2.23E-04	1.09E-03	1.93E-04	3.10E-09	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	1.09E-03
199	ALL	672575	4342266	NonCancer	1.84E-04	2.76E-04	1.37E-07	3.07E-05	1.42E-08	2.14E-04	1.23E-03	1.83E-04	8.10E-09	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	1.23E-03
200	ALL	668148.8	4342431	NonCancer	1.09E-03	2.43E-03	2.10E-06	4.24E-04	1.85E-07	1.51E-03	9.77E-03	1.09E-03	2.74E-09	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	9.77E-03
201	ALL	668370.1	4342431	NonCancer	1.22E-03	2.72E-03	2.36E-06	4.74E-04	2.07E-07	1.69E-03	1.09E-02	1.22E-03	3.43E-09	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	1.09E-02
202	ALL	668591.4	4342431	NonCancer	1.16E-03	2.57E-03	2.22E-06	4.48E-04	1.96E-07	1.61E-03	1.03E-02	1.16E-03	3.59E-09	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	1.03E-02
203	ALL	668812.7	4342431	NonCancer	1.00E-03	2.20E-03	1.87E-06	3.78E-04	1.65E-07	1.38E-03	8.67E-03	1.00E-03	4.10E-09	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	8.67E-03
204	ALL	669034	4342431	NonCancer	8.02E-04	1.71E-03	1.42E-06	2.88E-04	1.26E-07	1.09E-03	6.58E-03	8.02E-04	4.75E-09	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	6.58E-03
205	ALL	669255.3	4342431	NonCancer	6.38E-04	1.31E-03	1.05E-06	2.14E-04	9.41E-08	8.53E-04	4.85E-03	6.38E-04	5.45E-09	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	4.85E-03
206	ALL	669476.7	4342431	NonCancer	5.26E-04	1.02E-03	7.72E-07	1.59E-04	7.03E-08	6.86E-04	3.59E-03	5.26E-04	6.71E-09	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	3.59E-03
207	ALL	669698	4342431	NonCancer	4.74E-04	8.64E-04	6.03E-07	1.26E-04	5.61E-08	6.00E-04	2.85E-03	4.73E-04	8.28E-09	0.00E+00	0.00E+00	8.90E-05	0.00E+00	0.00E+00	2.85E-03
208	ALL	669919.3	4342431	NonCancer	5.07E-04	8.66E-04	5.48E-07	1.17E-04	5.24E-08	6.24E-04	2.70E-03	5.07E-04	1.06E-08	0.00E+00	0.00E+00	8.19E-05	0.00E+00	0.00E+00	2.70E-03
209	ALL	670140.6	4342431	NonCancer	5.92E-04	9.63E-04	5.64E-07	1.22E-04	5.51E-08	7.14E-04	2.89E-03	5.92E-04	1.35E-08	0.00E+00	0.00E+00	8.51E-05	0.00E+00	0.00E+00	2.89E-03
210	ALL	670361.9	4342431	NonCancer	7.23E-04	1.12E-03	5.99E-07	1.32E-04	6.04E-08	8.56E-04	3.25E-03	7.23E-04	1.81E-08	0.00E+00	0.00E+00	9.19E-05	0.00E+00	0.00E+00	3.25E-03
211	ALL	670583.2	4342431	NonCancer	1.04E-03	1.51E-03	7.00E-07	1.59E-04	7.44E-08	1.20E-03	4.22E-03	1.04E-03	3.92E-08	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	4.22E-03
212	ALL	670804.5	4342431	NonCancer	2.02E-03	2.79E-03	1.11E-06	2.63E-04	1.25E-07	2.29E-03	6.73E-03	2.02E-03	7.00E-08	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	6.73E-03
213	ALL	671025.8	4342431	NonCancer	4.19E-03	6.94E-03	4.17E-06	8.95E-04	4.06E-07	5.09E-03	1.13E-02	4.19E-03	1.28E-07	0.00E+00	0.00E+00	6.42E-04	0.00E+00	0.00E+00	1.13E-02
214	ALL	671247.1	4342431	NonCancer	2.17E-03	2.81E-03	8.80E-07	2.24E-04	1.10E-07	2.40E-03	8.18E-03	2.17E-03	1.22E-07	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	8.18E-03
215	ALL	671468.4	4342431	NonCancer	9.01E-04	1.16E-03	3.62E-07	9.22E-05	4.53E-08	9.94E-04	4.62E-03	9.01E-04	3.34E-08	0.00E+00	0.00E+00	6.36E-05	0.00E+00	0.00E+00	4.62E-03
216	ALL	671689.8	4342431	NonCancer	5.02E-04	6.73E-04	2.42E-07	5.89E-05	2.85E-08	5.62E-04	2.73E-03	5.02E-04	1.46E-08	0.00E+00	0.00E+00	4.05E-05	0.00E+00	0.00E+00	2.73E-03
217	ALL	671911.1	4342431	NonCancer	3.34E-04	4.65E-04	1.89E-07	4.45E-05	2.12E-08	3.79E-04	1.80E-03	3.34E-04	5.27E-09	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	1.80E-03
218	ALL	672132.4	4342431	NonCancer	2.51E-04	3.63E-04	1.64E-07	3.75E-05	1.77E-08	2.88E-04	1.38E-03	2.51E-04	3.84E-09	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	1.38E-03
219	ALL	672353.7	4342431	NonCancer	2.18E-04	3.27E-04	1.63E-07	3.64E-05	1.69E-08	2.54E-04	1.45E-03	2.18E-04	4.86E-09	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	1.45E-03
220	ALL	672575	4342431	NonCancer	1.87E-04	2.87E-04	1.49E-07	3.30E-05	1.52E-08	2.20E-04	1.21E-03	1.87E-04	7.53E-09	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	1.21E-03
221	ALL	668148.8	4342596	NonCancer	1.33E-03	3.00E-03	2.61E-06	5.26E-04	2.30E-07	1.86E-03	1.21E-02	1.33E-03	2.88E-09	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	1.21E-02
222	ALL	668370.1	4342596	NonCancer	1.66E-03	3.74E-03	3.27E-06	6.59E-04	2.88E-07	2.32E-03	1.52E-02	1.66E-03	3.26E-09	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	1.52E-02
223	ALL	668591.4	4342596	NonCancer	1.81E-03	4.09E-03	3.58E-06	7.20E-04	3.14E-07	2.54E-03	1.66E-02	1.81E-03	3.73E-09	0.00E+00	0.00E+00	5.15E-04	0.00E+00	0.00E+00	1.66E-02
224	ALL	668812.7	4342596	NonCancer	1.75E-03	3.92E-03	3.41E-06	6.87E-04	3.00E-07	2.44E-03	1.58E-02	1.75E-03	4.30E-09	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	1.58E-02
225	ALL	669034	4342596	NonCancer	1.36E-03	2.99E-03	2.57E-06	5.18E-04	2.27E-07	1.88E-03	1.18E-02	1.36E-03	4.95E-09	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	1.18E-02
226	ALL	669255.3	4342596	NonCancer	9.48E-04	2.02E-03	1.67E-06	3.39E-04	1.49E-07	1.29E-03	7.65E-03	9.48E-04	5.51E-09	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	7.65E-03
227	ALL	669476.7	4342596	NonCancer	7.55E-04	1.54E-03	1.22E-06	2.49E-04	1.10E-07	1.01E-03	5.55E-03	7.55E-04	6.37E-09	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	5.55E-03
228	ALL	669698	4342596	NonCancer	6.27E-04	1.19E-03	8.72E-07	1.81E-04	8.00E-08	8.08E-04	3.99E-03	6.27E-04	7.94E-09	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	3.99E-03
229	ALL	669919.3	4342596	NonCancer	6.28E-04	1.15E-03	8.00E-07	1.67E-04	7.44E-08	7.96E-04	3.66E-03	6.28E-04	9.49E-09	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	3.66E-03
230	ALL	670140.6	4342596	NonCancer	6.99E-04	1.19E-03	7.48E-07	1.59E-04	7.16E-08	8.58E-04	3.52E-03	6.99E-04	1.23E-08	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	3.52E-03
231	ALL	670361.9	4342596	NonCancer	9.23E-04	1.42E-03	7.46E-07	1.65E-04	7.58E-08	1.09E-03	3.82E-03	9.22E-04	1.57E-08	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	3.82E-03
232	ALL	670583.2	4342596	NonCancer	1.19E-03	1.73E-03	7.86E-07	1.80E-04	8.45E-08	1.37E-03	4.30E-03	1.19E-03	2.08E-08	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	4.30E-03
233	ALL	670804.5	4342596	NonCancer	1.81E-03	2.72E-03	1.34E-06	3.00E-04	1.40E-07	2.11E-03	5.83E-03	1.81E-03	4.21E-08	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	5.83E-03
234	ALL	671025.8	4342596	NonCancer	2.88E-03	4.75E-03	2.84E-06	6.10E-04	2.77E-07	3.49E-03	7.88E-03	2.88E-03	7.51E-08	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	7.88E-03
235	ALL	671247.1	4342596	NonCancer	1.60E-03	2.15E-03	7.65E-07	1.87E-04	9.06E-08	1.79E-03	5.93E-03	1.60E-03	7.86E-08	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	5.93E-03
236	ALL	671468.4	4342596	NonCancer	7.32E-04	9.69E-04	3.33E-07	8.23E-05	4.00E-08	8.14E-04	3.44E-03	7.32E-04	1.79E-08	0.00E+00	0.00E+00	5.54E-05	0.00E+00	0.00E+00	3.44E-03
237	ALL	671689.8	4342596	NonCancer	4.03E-04	5.60E-04	2.26E-07	5.32E-05	2.54E-08	4.56E-04	2.14E-03	4.03E-04	1.39E-08	0.00E+00	0.00E+00	3.76E-05	0.00E+00	0.00E+00	2.14E-03
238	ALL	671911.1	4342596	NonCancer	2.81E-04	4.05E-04	1.81E-07	4.14E-05	1.95E-08	3.23E-04	1.51E-03	2.81E-04	4.20E-09	0.00E+00	0.00E+00	2.82E-05	0.00E+00	0.00E+00	1.51E-03
239	ALL	672132.4	4342596	NonCancer	2.23E-04	3.31E-04	1.59E-07	3.58E-05	1.67E-08	2.59E-04	1.22E-03	2.23E-04	2.88E-09	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	1.22E-03
240	ALL	672353.7	4342596	NonCancer	1.97E-04	3.04E-04	1.61E-07	3.55E-05	1.64E-08	2.32E-04	1.20E-03	1.97E-04	3.49E-09	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	1.20E-03
241	ALL	672575	4342596	NonCancer	1.78E-04	2.76E-04	1.47E-07	3.24E-05	1.49E-08	2.10E-04	1.16E-03	1.78E-04	6.95E-09	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	1.16E-03
242	ALL	668148.8	4342761	NonCancer	1.60E-03	3.60E-03	3.15E-06	6.33E-04	2.77E-07	2.23E-03	1.46E-02	1.60E-03	3.33E-09	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	1.46E-02
243	ALL	668370.1	4342761	NonCancer	2.34E-03	5.33E-03	4.69E-06	9.42E-04	4.12E-07	3.29E-03	2.17E-02	2.34E-03	4.10E-09	0.00E+00	0.00E+00	6.74E-04	0.00E+00	0.00E+00	2.17E-02
244	ALL	668591.4	4342761	NonCancer	2.95E-03	6.73E-03	5.94E-06	1.19E-03	5.21E-07	4.15E-03	2.75E-02	2.95E-03	4.00E-09	0.00E+00	0.00E+00	8.54E-04	0.00E+00	0.00E+00	2.75E-02
245	ALL	668812.7	4342761	NonCancer	3.26E-03	7.44E-03	6.56E-06	1.32E-03	5.76E-07	4.59E-03	3.03E-02	3.26E-03	4.68E-09	0.00E+00	0.00E+00	9.43E-04	0.00E+00	0.00E+00	3.03E-02
246	ALL	669034	4342761	NonCancer	2.22E-03	5.00E-03	4.35E-06	8.76E-04	3.83E-07	3.11E-03	2.00E-02	2.22E-03	4.88E-09	0.00E+00	0.00E+00	6.26E-04	0.00E+00	0.00E+00	2.00E-02
247	ALL	669255.3	4342761	NonCancer	1.55E-03	3.39E-03	2.90E-06	5.85E-04	2.56E-07	2.13E-03	1.32E-02	1.55E-03	5.47E-09	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	1.32E-02
248	ALL	669476.7	4342761	NonCancer	1.19E-03	2.56E-03	2.13E-06	4.32E-04	1.89E-07	1.63E-03	9.56E-03	1.19E-03	6.20E-09	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	9.56E-03
249	ALL	669698	4342761	NonCancer	8.73E-04	1.73E-03	1.33E-06	2.73E-04	1.21E-07	1.15E-03	6.02E-03	8.73E-04	7.66E-09	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	6.02E-03
250	ALL	669919.3	4342761	NonCancer	8.17E-04	1.53E-03	1.10E-06	2.29E-04	1.02E-07	1.05E-03	4.90E-03	8.17E-04	9.04E-09	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	4.90E-03
251	ALL	670140.6	4342761	NonCancer	8.17E-04	1.42E-03	9.20E-07	1.95E-04	8.74E-08	1.01E-03	4.22E-03	8.17E-04	1.65E-08	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	4.22E-03
252	ALL	670361.9	4342761	NonCancer	1.01E-03	1.61E-03	9.17E-07	1.99E-04	9.10E-08	1.21E-03	4.29E-03	1.01E-03	1.98E-08	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	4.29E-03
253	ALL	670583.2	4342761	NonCancer	1.22E-03	1.86E-03	9.49E-07	2.11E-04	9.79E-08	1.43E-03	4.33E-03	1.22E-03	1.73E-08	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	4.33E-03
254	ALL	670804.5	4342761	NonCancer	2.12E-03	3.77E-03	2.52E-06	5.31E-04	2.38E-07	2.66E-03	5.69E-03	2.12E-03	2.66E-08	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	5.69E-03
255	ALL	671025.8	4342761	NonCancer	1.60E-03	2.43E-03	1.23E-06	2.73E-04	1.27E-07	1.88E-03	5.07E-03	1.60E-03	4.08E-08	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	5.07E-03
256	ALL	671247.1	4342761	NonCancer	1.06E-03	1.44E-03	5.31E-07	1.28E-04	6.21E-08	1.19E-03	4.03E-03	1.06E-03	4.15E-08	0.00E+00	0.00E+00	9.19E-05	0.00E+00	0.00E+00	4.03E-03
257	ALL	671468.4	4342761	NonCancer	6.27E-04	8.52E-04	3.20E-07	7.69E-05	3.71E-08	7.04E-04	2.84E-03	6.27E-04	1.21E-08	0.00E+00	0.00E+00	5.19E-05	0.00E+00	0.00E+00	2.84E-03
258	ALL	671689.8	4342761	NonCancer	3.71E-04	5.27E-04	2.27E-07	5.26E-05	2.49E-08	4.24E-04	1.92E-03	3.71E-04	1.12E-08	0.00E+00	0.00E+00	3.69E-05	0.00E+00	0.00E+00	1.92E-03
259	ALL	671911.1	4342761	NonCancer	2.43E-04	3.61E-04	1.76E-07	3.95E-05	1.84E-08	2.82E-04	1.34E-03	2.43E-04	4.65E-09	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	1.34E-03
260	ALL	672132.4	4342761	NonCancer	2.00E-04	3.03E-04	1.54E-07	3.42E-05	1.59E-08	2.34E-04	1.10E-03	2.00E-04	2.37E-09	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	1.10E-03
261	ALL	672353.7	4342761	NonCancer	1.78E-04	2.79E-04	1.53E-07	3.34E-05	1.54E-08	2.11E-04	1.02E-03	1.78E-04	2.69E-09	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	1.02E-03
262	ALL	672575	4342761	NonCancer	1.51E-04	2.44E-04	1.39E-07	3.02E-05	1.38E-08	1.82E-04	9.62E-04	1.51E-04	2.49E-09	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	9.62E-04
263	ALL	668148.8	4342926	NonCancer	1.62E-03	3.64E-03	3.18E-06	6.40E-04	2.80E-07	2.26E-03	1.48E-02	1.62E-03	3.44E-09	0.00E+00	0.00E+00	4.57E-04	0.00E+00	0.00E+00	1.48E-02
264	ALL	668370.1	4342926	NonCancer	2.78E-03	6.34E-03	5.59E-06	1.12E-03	4.91E-07	3.91E-03	2.59E-02	2.78E-03	4.33E-09	0.00E+00	0.00E+00	8.04E-04	0.00E+00	0.00E+00	2.59E-02
265	ALL	668591.4	4342926	NonCancer	4.11E-03	9.42E-03	8.35E-06	1.68E-03	7.32E-07	5.79E-03	3.86E-02	4.11E-03	5.04E-09	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	3.86E-02
266	ALL	668812.7	4342926	NonCancer	6.11E-03	1.41E-02	1.25E-05	2.51E-03	1.10E-06	8.64E-03	5.78E-02	6.11E-03	5.28E-09	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	5.78E-02
267	ALL	669034	4342926	NonCancer	8.11E-03	1.87E-02	1.67E-05	3.35E-03	1.46E-06	1.15E-02	7.70E-02	8.11E-03	5.04E-09	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	7.70E-02
268	ALL	669476.7	4342926	NonCancer	2.44E-03	5.46E-03	4.74E-06	9.55E-04	4.17E-07	3.40E-03	2.13E-02	2.44E-03	5.86E-09	0.00E+00	0.00E+00	6.82E-04	0.00E+00	0.00E+00	2.13E-02
269	ALL	669698	4342926	NonCancer	1.27E-03	2.64E-03	2.13E-06	4.34E-04	1.91E-07	1.71E-03	9.27E-03	1.27E-03	6.96E-09	0.00E+00	0.00E+00	3.09E-04	0.00E+00	0.00E+00	9.27E-03
270	ALL	669919.3	4342926	NonCancer	9.58E-04	1.84E-03	1.37E-06	2.83E-04	1.25E-07	1.24E-03	6.00E-03	9.58E-04	1.24E-08	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	6.00E-03
271	ALL	670140.6	4342926	NonCancer	9.08E-04	1.59E-03	1.04E-06	2.20E-04	9.87E-08	1.13E-03	4.76E-03	9.08E-04	1.36E-08	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	4.76E-03
272	ALL	670361.9	4342926	NonCancer	1.02E-03	1.69E-03	1.00E-06	2.16E-04	9.81E-08	1.24E-03	4.36E-03	1.02E-03	1.44E-08	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	4.36E-03
273	ALL	670583.2	4342926	NonCancer	1.82E-03	3.39E-03	2.41E-06	5.02E-04	2.24E-07	2.33E-03	5.20E-03	1.82E-03	1.81E-08	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	5.20E-03
274	ALL	670804.5	4342926	NonCancer	1.60E-03	2.79E-03	1.81E-06	3.84E-04	1.73E-07	1.99E-03	4.72E-03	1.60E-03	1.96E-08	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	4.72E-03
275	ALL	671025.8	4342926	NonCancer	9.98E-04	1.46E-03	6.73E-07	1.53E-04	7.21E-08	1.15E-03	3.55E-03	9.98E-04	2.12E-08	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	3.55E-03
276	ALL	671247.1	4342926	NonCancer	8.05E-04	1.12E-03	4.48E-07	1.06E-04	5.07E-08	9.11E-04	3.17E-03	8.05E-04	2.49E-08	0.00E+00	0.00E+00	7.46E-05	0.00E+00	0.00E+00	3.17E-03
277	ALL	671468.4	4342926	NonCancer	5.05E-04	7.06E-04	2.90E-07	6.80E-05	3.25E-08	5.73E-04	2.30E-03	5.05E-04	8.50E-09	0.00E+00	0.00E+00	4.62E-05	0.00E+00	0.00E+00	2.30E-03
278	ALL	671689.8	4342926	NonCancer	3.26E-04	4.73E-04	2.15E-07	4.92E-05	2.31E-08	3.76E-04	1.68E-03	3.26E-04	6.47E-09	0.00E+00	0.00E+00	3.40E-05	0.00E+00	0.00E+00	1.68E-03
279	ALL	671911.1	4342926	NonCancer	2.21E-04	3.35E-04	1.70E-07	3.78E-05	1.76E-08	2.59E-04	1.22E-03	2.21E-04	5.01E-09	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	1.22E-03
280	ALL	672132.4	4342926	NonCancer	1.65E-04	2.60E-04	1.42E-07	3.10E-05	1.43E-08	1.96E-04	9.44E-04	1.65E-04	1.90E-09	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	9.44E-04
281	ALL	672353.7	4342926	NonCancer	1.53E-04	2.42E-04	1.33E-07	2.90E-05	1.34E-08	1.83E-04	8.70E-04	1.53E-04	1.74E-09	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	8.70E-04
282	ALL	672575	4342926	NonCancer	1.35E-04	2.20E-04	1.28E-07	2.76E-05	1.26E-08	1.63E-04	7.97E-04	1.35E-04	1.79E-09	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	7.97E-04
283	ALL	668148.8	4343090	NonCancer	1.47E-03	3.30E-03	2.87E-06	5.78E-04	2.53E-07	2.05E-03	1.33E-02	1.47E-03	3.02E-09	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	1.33E-02
284	ALL	668370.1	4343090	NonCancer	2.75E-03	6.26E-03	5.52E-06	1.11E-03	4.85E-07	3.86E-03	2.56E-02	2.75E-03	3.65E-09	0.00E+00	0.00E+00	7.94E-04	0.00E+00	0.00E+00	2.56E-02
285	ALL	668591.4	4343090	NonCancer	5.58E-03	1.28E-02	1.14E-05	2.29E-03	1.00E-06	7.88E-03	5.29E-02	5.58E-03	5.52E-09	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	5.29E-02
286	ALL	669476.7	4343090	NonCancer	3.63E-03	8.22E-03	7.22E-06	1.45E-03	6.34E-07	5.09E-03	3.19E-02	3.62E-03	5.40E-09	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	3.19E-02
287	ALL	669698	4343090	NonCancer	1.60E-03	3.43E-03	2.87E-06	5.81E-04	2.55E-07	2.18E-03	1.15E-02	1.59E-03	6.09E-09	0.00E+00	0.00E+00	4.14E-04	0.00E+00	0.00E+00	1.15E-02
288	ALL	669919.3	4343090	NonCancer	1.20E-03	2.37E-03	1.83E-06	3.76E-04	1.66E-07	1.57E-03	6.71E-03	1.20E-03	6.99E-09	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	6.71E-03
289	ALL	670140.6	4343090	NonCancer	1.05E-03	1.90E-03	1.31E-06	2.75E-04	1.23E-07	1.33E-03	4.91E-03	1.05E-03	1.24E-08	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	4.91E-03
290	ALL	670361.9	4343090	NonCancer	1.59E-03	3.04E-03	2.25E-06	4.65E-04	2.06E-07	2.06E-03	4.95E-03	1.59E-03	8.84E-09	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	4.95E-03
291	ALL	670583.2	4343090	NonCancer	1.45E-03	2.69E-03	1.91E-06	3.98E-04	1.78E-07	1.85E-03	4.37E-03	1.45E-03	1.11E-08	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	4.37E-03
292	ALL	670804.5	4343090	NonCancer	1.06E-03	1.70E-03	9.79E-07	2.12E-04	9.70E-08	1.27E-03	3.64E-03	1.06E-03	1.48E-08	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	3.64E-03
293	ALL	671025.8	4343090	NonCancer	7.49E-04	1.10E-03	5.16E-07	1.17E-04	5.50E-08	8.66E-04	2.85E-03	7.49E-04	1.32E-08	0.00E+00	0.00E+00	8.12E-05	0.00E+00	0.00E+00	2.85E-03
294	ALL	671247.1	4343090	NonCancer	6.24E-04	8.83E-04	3.75E-07	8.72E-05	4.15E-08	7.11E-04	2.54E-03	6.24E-04	1.51E-08	0.00E+00	0.00E+00	6.09E-05	0.00E+00	0.00E+00	2.54E-03
295	ALL	671468.4	4343090	NonCancer	4.25E-04	6.06E-04	2.63E-07	6.08E-05	2.88E-08	4.86E-04	1.94E-03	4.25E-04	6.41E-09	0.00E+00	0.00E+00	4.15E-05	0.00E+00	0.00E+00	1.94E-03
296	ALL	671689.8	4343090	NonCancer	2.86E-04	4.21E-04	1.99E-07	4.49E-05	2.11E-08	3.31E-04	1.46E-03	2.86E-04	4.03E-09	0.00E+00	0.00E+00	3.08E-05	0.00E+00	0.00E+00	1.46E-03

297	ALL	671911.1	4343090	NonCancer	1.99E-04	3.06E-04	1.59E-07	3.52E-05	1.63E-08	2.35E-04	1.10E-03	1.99E-04	4.19E-09	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	1.10E-03
298	ALL	672132.4	4343090	NonCancer	1.52E-04	2.41E-04	1.34E-07	2.93E-05	1.34E-08	1.81E-04	8.75E-04	1.52E-04	2.02E-09	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	8.75E-04
299	ALL	672353.7	4343090	NonCancer	1.20E-04	1.96E-04	1.15E-07	2.48E-05	1.13E-08	1.45E-04	7.09E-04	1.20E-04	1.10E-09	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	7.09E-04
300	ALL	672575	4343090	NonCancer	1.12E-04	1.83E-04	1.08E-07	2.32E-05	1.06E-08	1.35E-04	6.54E-04	1.12E-04	1.06E-09	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	6.54E-04
301	ALL	668148.8	4343255	NonCancer	1.22E-03	2.70E-03	2.33E-06	4.70E-04	2.06E-07	1.69E-03	1.08E-02	1.22E-03	2.99E-09	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	1.08E-02
302	ALL	668370.1	4343255	NonCancer	2.31E-03	5.26E-03	4.62E-06	9.30E-04	4.06E-07	3.25E-03	2.14E-02	2.31E-03	3.62E-09	0.00E+00	0.00E+00	6.65E-04	0.00E+00	0.00E+00	2.14E-02
303	ALL	668591.4	4343255	NonCancer	8.50E-03	1.97E-02	1.76E-05	3.52E-03	1.54E-06	1.20E-02	8.12E-02	8.50E-03	4.86E-09	0.00E+00	0.00E+00	2.52E-03	0.00E+00	0.00E+00	8.12E-02
304	ALL	669476.7	4343255	NonCancer	3.04E-03	6.85E-03	5.98E-06	1.20E-03	5.26E-07	4.25E-03	2.42E-02	3.04E-03	5.12E-09	0.00E+00	0.00E+00	8.59E-04	0.00E+00	0.00E+00	2.42E-02
305	ALL	669698	4343255	NonCancer	2.81E-03	6.26E-03	5.40E-06	1.09E-03	4.76E-07	3.91E-03	1.14E-02	2.81E-03	5.51E-09	0.00E+00	0.00E+00	7.77E-04	0.00E+00	0.00E+00	1.14E-02
306	ALL	669919.3	4343255	NonCancer	2.10E-03	4.50E-03	3.76E-06	7.62E-04	3.34E-07	2.87E-03	7.10E-03	2.10E-03	6.11E-09	0.00E+00	0.00E+00	5.43E-04	0.00E+00	0.00E+00	7.10E-03
307	ALL	670140.6	4343255	NonCancer	2.06E-03	4.33E-03	3.54E-06	7.19E-04	3.16E-07	2.79E-03	5.80E-03	2.06E-03	6.72E-09	0.00E+00	0.00E+00	5.12E-04	0.00E+00	0.00E+00	5.80E-03
308	ALL	670361.9	4343255	NonCancer	1.39E-03	2.73E-03	2.07E-06	4.26E-04	1.89E-07	1.82E-03	4.31E-03	1.39E-03	7.36E-09	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	4.31E-03
309	ALL	670583.2	4343255	NonCancer	9.53E-04	1.68E-03	1.11E-06	2.35E-04	1.05E-07	1.19E-03	3.38E-03	9.53E-04	8.29E-09	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	3.38E-03
310	ALL	670804.5	4343255	NonCancer	8.30E-04	1.32E-03	7.40E-07	1.61E-04	7.40E-08	9.92E-04	3.02E-03	8.30E-04	1.11E-08	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	3.02E-03
311	ALL	671025.8	4343255	NonCancer	5.93E-04	8.74E-04	4.14E-07	9.37E-05	4.40E-08	6.87E-04	2.34E-03	5.93E-04	8.88E-09	0.00E+00	0.00E+00	6.47E-05	0.00E+00	0.00E+00	2.34E-03
312	ALL	671247.1	4343255	NonCancer	4.87E-04	6.99E-04	3.10E-07	7.12E-05	3.37E-08	5.58E-04	2.04E-03	4.87E-04	8.99E-09	0.00E+00	0.00E+00	4.93E-05	0.00E+00	0.00E+00	2.04E-03
313	ALL	671468.4	4343255	NonCancer	3.66E-04	5.26E-04	2.34E-07	5.37E-05	2.54E-08	4.20E-04	1.67E-03	3.66E-04	5.02E-09	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	1.67E-03
314	ALL	671689.8	4343255	NonCancer	2.50E-04	3.70E-04	1.77E-07	4.00E-05	1.87E-08	2.90E-04	1.26E-03	2.50E-04	3.03E-09	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	1.26E-03
315	ALL	671911.1	4343255	NonCancer	1.79E-04	2.75E-04	1.43E-07	3.17E-05	1.47E-08	2.11E-04	9.77E-04	1.79E-04	2.80E-09	0.00E+00	0.00E+00	2.20E-05	0.00E+00	0.00E+00	9.77E-04
316	ALL	672132.4	4343255	NonCancer	1.37E-04	2.18E-04	1.22E-07	2.65E-05	1.22E-08	1.64E-04	7.85E-04	1.37E-04	2.00E-09	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	7.85E-04
317	ALL	672353.7	4343255	NonCancer	1.11E-04	1.80E-04	1.06E-07	2.28E-05	1.04E-08	1.33E-04	6.51E-04	1.11E-04	1.08E-09	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	6.51E-04
318	ALL	672575	4343255	NonCancer	9.01E-05	1.51E-04	9.23E-08	1.97E-05	8.97E-09	1.10E-04	5.44E-04	9.01E-05	7.54E-10	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	5.44E-04
319	ALL	668148.8	4343420	NonCancer	1.07E-03	2.36E-03	2.03E-06	4.10E-04	1.79E-07	1.48E-03	9.45E-03	1.07E-03	3.01E-09	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	9.45E-03
320	ALL	668370.1	4343420	NonCancer	2.29E-03	5.21E-03	4.59E-06	9.22E-04	4.03E-07	3.22E-03	2.12E-02	2.29E-03	3.60E-09	0.00E+00	0.00E+00	6.59E-04	0.00E+00	0.00E+00	2.12E-02
321	ALL	668591.4	4343420	NonCancer	7.97E-03	1.84E-02	1.65E-05	3.30E-03	1.44E-06	1.13E-02	7.61E-02	7.96E-03	4.77E-09	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	7.61E-02
322	ALL	668812.7	4343420	NonCancer	2.40E-02	5.59E-02	5.01E-05	1.00E-02	4.38E-06	3.41E-02	2.31E-01	2.40E-02	9.05E-09	0.00E+00	0.00E+00	7.19E-03	0.00E+00	0.00E+00	2.31E-01
323	ALL	669034	4343420	NonCancer	3.18E-02	7.41E-02	6.65E-05	1.33E-02	5.81E-06	4.52E-02	3.07E-01	3.18E-02	6.61E-08	0.00E+00	0.00E+00	9.55E-03	0.00E+00	0.00E+00	3.07E-01
324	ALL	669255.3	4343420	NonCancer	1.28E-02	2.97E-02	2.65E-05	5.32E-03	2.32E-06	1.82E-02	1.20E-01	1.28E-02	8.79E-09	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	1.20E-01
325	ALL	669476.7	4343420	NonCancer	3.35E-03	7.56E-03	6.62E-06	1.33E-03	5.82E-07	4.69E-03	2.37E-02	3.35E-03	4.98E-09	0.00E+00	0.00E+00	9.52E-04	0.00E+00	0.00E+00	2.37E-02
326	ALL	669698	4343420	NonCancer	1.38E-03	2.91E-03	2.39E-06	4.85E-04	2.13E-07	1.87E-03	7.50E-03	1.38E-03	4.98E-09	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	7.50E-03
327	ALL	669919.3	4343420	NonCancer	1.17E-03	2.36E-03	1.86E-06	3.80E-04	1.68E-07	1.55E-03	4.97E-03	1.17E-03	5.32E-09	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	4.97E-03
328	ALL	670140.6	4343420	NonCancer	9.64E-04	1.85E-03	1.38E-06	2.85E-04	1.26E-07	1.25E-03	3.84E-03	9.64E-04	5.57E-09	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	3.84E-03
329	ALL	670361.9	4343420	NonCancer	8.24E-04	1.49E-03	1.03E-06	2.15E-04	9.63E-08	1.04E-03	3.12E-03	8.24E-04	6.13E-09	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	3.12E-03
330	ALL	670583.2	4343420	NonCancer	7.12E-04	1.21E-03	7.63E-07	1.62E-04	7.34E-08	8.76E-04	2.69E-03	7.12E-04	6.79E-09	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.69E-03
331	ALL	670804.5	4343420	NonCancer	6.49E-04	1.02E-03	5.49E-07	1.20E-04	5.55E-08	7.70E-04	2.45E-03	6.49E-04	8.44E-09	0.00E+00	0.00E+00	8.36E-05	0.00E+00	0.00E+00	2.45E-03
332	ALL	671025.8	4343420	NonCancer	5.23E-04	7.74E-04	3.70E-07	8.35E-05	3.91E-08	6.07E-04	2.09E-03	5.23E-04	7.58E-09	0.00E+00	0.00E+00	5.76E-05	0.00E+00	0.00E+00	2.09E-03
333	ALL	671247.1	4343420	NonCancer	4.28E-04	6.17E-04	2.76E-07	6.33E-05	3.00E-08	4.92E-04	1.79E-03	4.28E-04	6.53E-09	0.00E+00	0.00E+00	4.35E-05	0.00E+00	0.00E+00	1.79E-03
334	ALL	671468.4	4343420	NonCancer	3.06E-04	4.44E-04	2.02E-07	4.60E-05	2.17E-08	3.52E-04	1.40E-03	3.06E-04	3.95E-09	0.00E+00	0.00E+00	3.15E-05	0.00E+00	0.00E+00	1.40E-03
335	ALL	671689.8	4343420	NonCancer	2.23E-04	3.31E-04	1.59E-07	3.58E-05	1.68E-08	2.59E-04	1.11E-03	2.23E-04	2.54E-09	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	1.11E-03
336	ALL	671911.1	4343420	NonCancer	1.63E-04	2.50E-04	1.29E-07	2.86E-05	1.33E-08	1.92E-04	8.74E-04	1.63E-04	2.00E-09	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	8.74E-04
337	ALL	672132.4	4343420	NonCancer	1.24E-04	1.97E-04	1.09E-07	2.38E-05	1.10E-08	1.48E-04	7.04E-04	1.24E-04	1.79E-09	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	7.04E-04
338	ALL	672353.7	4343420	NonCancer	9.91E-05	1.62E-04	9.51E-08	2.05E-05	9.37E-09	1.20E-04	5.84E-04	9.91E-05	1.02E-09	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	5.84E-04
339	ALL	672575	4343420	NonCancer	8.25E-05	1.38E-04	8.40E-08	1.80E-05	8.17E-09	1.01E-04	4.96E-04	8.25E-05	6.97E-10	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	4.96E-04
340	ALL	668148.8	4343585	NonCancer	8.60E-04	1.88E-03	1.60E-06	3.23E-04	1.41E-07	1.18E-03	7.42E-03	8.60E-04	2.80E-09	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	7.42E-03
341	ALL	668370.1	4343585	NonCancer	1.85E-03	4.19E-03	3.67E-06	7.38E-04	3.22E-07	2.59E-03	1.70E-02	1.85E-03	3.36E-09	0.00E+00	0.00E+00	5.28E-04	0.00E+00	0.00E+00	1.70E-02
342	ALL	668591.4	4343585	NonCancer	5.85E-03	1.35E-02	1.20E-05	2.41E-03	1.05E-06	8.28E-03	5.56E-02	5.85E-03	4.46E-09	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	5.56E-02
343	ALL	668812.7	4343585	NonCancer	1.11E-02	2.58E-02	2.30E-05	4.62E-03	2.02E-06	1.58E-02	1.06E-01	1.11E-02	6.86E-09	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	1.06E-01
344	ALL	669034	4343585	NonCancer	1.15E-02	2.66E-02	2.38E-05	4.77E-03	2.08E-06	1.63E-02	1.10E-01	1.15E-02	7.79E-09	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	1.10E-01
345	ALL	669255.3	4343585	NonCancer	6.09E-03	1.40E-02	1.24E-05	2.49E-03	1.09E-06	8.60E-03	5.62E-02	6.09E-03	4.80E-09	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	5.62E-02
346	ALL	669476.7	4343585	NonCancer	2.15E-03	4.77E-03	4.11E-06	8.28E-04	3.62E-07	2.98E-03	1.72E-02	2.15E-03	4.27E-09	0.00E+00	0.00E+00	5.91E-04	0.00E+00	0.00E+00	1.72E-02
347	ALL	669698	4343585	NonCancer	1.12E-03	2.34E-03	1.90E-06	3.86E-04	1.70E-07	1.51E-03	7.20E-03	1.12E-03	4.35E-09	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	7.20E-03
348	ALL	669919.3	4343585	NonCancer	8.39E-04	1.64E-03	1.24E-06	2.56E-04	1.13E-07	1.10E-03	4.36E-03	8.39E-04	4.54E-09	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	4.36E-03
349	ALL	670140.6	4343585	NonCancer	7.16E-04	1.32E-03	9.35E-07	1.95E-04	8.69E-08	9.11E-04	3.21E-03	7.16E-04	4.81E-09	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	3.21E-03
350	ALL	670361.9	4343585	NonCancer	6.32E-04	1.11E-03	7.27E-07	1.53E-04	6.91E-08	7.87E-04	2.59E-03	6.32E-04	5.16E-09	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	2.59E-03
351	ALL	670583.2	4343585	NonCancer	5.70E-04	9.48E-04	5.73E-07	1.23E-04	5.59E-08	6.94E-04	2.23E-03	5.70E-04	5.88E-09	0.00E+00	0.00E+00	8.59E-05	0.00E+00	0.00E+00	2.23E-03
352	ALL	670804.5	4343585	NonCancer	5.22E-04	8.26E-04	4.56E-07	9.97E-05	4.58E-08	6.22E-04	2.02E-03	5.22E-04	6.66E-09	0.00E+00	0.00E+00	6.94E-05	0.00E+00	0.00E+00	2.02E-03
353	ALL	671025.8	4343585	NonCancer	4.67E-04	7.03E-04	3.49E-07	7.81E-05	3.64E-08	5.46E-04	1.86E-03	4.67E-04	7.80E-09	0.00E+00	0.00E+00	5.42E-05	0.00E+00	0.00E+00	1.86E-03
354	ALL	671247.1	4343585	NonCancer	3.58E-04	5.17E-04	2.32E-07	5.30E-05	2.51E-08	4.11E-04	1.50E-03	3.58E-04	4.80E-09	0.00E+00	0.00E+00	3.63E-05	0.00E+00	0.00E+00	1.50E-03
355	ALL	671468.4	4343585	NonCancer	2.77E-04	4.01E-04	1.81E-07	4.13E-05	1.96E-08	3.19E-04	1.24E-03	2.77E-04	3.41E-09	0.00E+00	0.00E+00	2.83E-05	0.00E+00	0.00E+00	1.24E-03
356	ALL	671689.8	4343585	NonCancer	2.13E-04	3.13E-04	1.47E-07	3.34E-05	1.57E-08	2.46E-04	1.02E-03	2.13E-04	2.37E-09	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	1.02E-03
357	ALL	671911.1	4343585	NonCancer	1.55E-04	2.35E-04	1.20E-07	2.66E-05	1.24E-08	1.82E-04	8.10E-04	1.55E-04	1.72E-09	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	8.10E-04
358	ALL	672132.4	4343585	NonCancer	1.19E-04	1.88E-04	1.03E-07	2.25E-05	1.03E-08	1.42E-04	6.64E-04	1.19E-04	1.53E-09	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	6.64E-04
359	ALL	672353.7	4343585	NonCancer	9.38E-05	1.53E-04	8.93E-08	1.93E-05	8.80E-09	1.13E-04	5.48E-04	9.38E-05	1.02E-09	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	5.48E-04
360	ALL	672575	4343585	NonCancer	7.82E-05	1.31E-04	7.97E-08	1.71E-05	7.76E-09	9.54E-05	4.71E-04	7.82E-05	6.83E-10	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	4.71E-04
361	ALL	668148.8	4343750	NonCancer	1.05E-03	2.33E-03	2.01E-06	4.05E-04	1.77E-07	1.46E-03	9.31E-03	1.05E-03	2.82E-09	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	9.31E-03
362	ALL	668370.1	4343750	NonCancer	1.75E-03	3.94E-03	3.44E-06	6.92E-04	3.03E-07	2.44E-03	1.59E-02	1.75E-03	2.87E-09	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	1.59E-02
363	ALL	668591.4	4343750	NonCancer	3.92E-03	9.00E-03	7.98E-06	1.60E-03	6.99E-07	5.53E-03	3.69E-02	3.92E-03	3.50E-09	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	3.69E-02
364	ALL	668812.7	4343750	NonCancer	6.68E-03	1.54E-02	1.37E-05	2.76E-03	1.20E-06	9.45E-03	6.34E-02	6.68E-03	4.53E-09	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	6.34E-02
365	ALL	669034	4343750	NonCancer	6.12E-03	1.41E-02	1.25E-05	2.51E-03	1.09E-06	8.64E-03	5.75E-02	6.11E-03	4.35E-09	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	5.75E-02
366	ALL	669255.3	4343750	NonCancer	3.71E-03	8.41E-03	7.40E-06	1.49E-03	6.50E-07	5.20E-03	3.37E-02	3.71E-03	3.96E-09	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	3.37E-02
367	ALL	669476.7	4343750	NonCancer	1.72E-03	3.76E-03	3.20E-06	6.46E-04	2.83E-07	2.37E-03	1.40E-02	1.72E-03	3.81E-09	0.00E+00	0.00E+00	4.61E-04	0.00E+00	0.00E+00	1.40E-02
368	ALL	669698	4343750	NonCancer	9.43E-04	1.93E-03	1.54E-06	3.14E-04	1.38E-07	1.26E-03	6.32E-03	9.43E-04	3.88E-09	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	6.32E-03
369	ALL	669919.3	4343750	NonCancer	6.98E-04	1.34E-03	9.86E-07	2.04E-04	9.06E-08	9.03E-04	3.85E-03	6.98E-04	4.02E-09	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.85E-03
370	ALL	670140.6	4343750	NonCancer	5.94E-04	1.07E-03	7.39E-07	1.55E-04	6.93E-08	7.50E-04	2.85E-03	5.94E-04	4.23E-09	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	2.85E-03
371	ALL	670361.9	4343750	NonCancer	5.30E-04	9.09E-04	5.78E-07	1.23E-04	5.54E-08	6.53E-04	2.28E-03	5.30E-04	4.54E-09	0.00E+00	0.00E+00	8.59E-05	0.00E+00	0.00E+00	2.28E-03
372	ALL	670583.2	4343750	NonCancer	4.77E-04	7.86E-04	4.69E-07	1.01E-04	4.59E-08	5.78E-04	1.97E-03	4.77E-04	5.02E-09	0.00E+00	0.00E+00	7.03E-05	0.00E+00	0.00E+00	1.97E-03
373	ALL	670804.5	4343750	NonCancer	4.32E-04	6.86E-04	3.81E-07	8.31E-05	3.82E-08	5.15E-04	1.75E-03	4.32E-04	5.51E-09	0.00E+00	0.00E+00	5.79E-05	0.00E+00	0.00E+00	1.75E-03
374	ALL	671025.8	4343750	NonCancer	3.89E-04	5.97E-04	3.10E-07	6.86E-05	3.18E-08	4.58E-04	1.58E-03	3.89E-04	6.10E-09	0.00E+00	0.00E+00	4.78E-05	0.00E+00	0.00E+00	1.58E-03
375	ALL	671247.1	4343750	NonCancer	3.28E-04	4.83E-04	2.27E-07	5.15E-05	2.42E-08	3.80E-04	1.39E-03	3.28E-04	4.74E-09	0.00E+00	0.00E+00	3.54E-05	0.00E+00	0.00E+00	1.39E-03
376	ALL	671468.4	4343750	NonCancer	2.75E-04	4.04E-04	1.90E-07	4.31E-05	2.02E-08	3.18E-04	1.21E-03	2.75E-04	3.87E-09	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	1.21E-03
377	ALL	671689.8	4343750	NonCancer	2.23E-04	3.31E-04	1.60E-07	3.59E-05	1.68E-08	2.59E-04	1.01E-03	2.23E-04	2.82E-09	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	1.01E-03
378	ALL	671911.1	4343750	NonCancer	1.67E-04	2.47E-04	1.18E-07	2.66E-05	1.25E-08	1.93E-04	8.09E-04	1.67E-04	1.90E-09	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	8.09E-04
379	ALL	672132.4	4343750	NonCancer	1.21E-04	1.85E-04	9.61E-08	2.13E-05	9.86E-09	1.42E-04	6.38E-04	1.21E-04	1.41E-09	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	6.38E-04
380	ALL	672353.7	4343750	NonCancer	9.08E-05	1.46E-04	8.24E-08	1.79E-05	8.21E-09	1.09E-04	5.16E-04	9.08E-05	1.05E-09	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	5.16E-04
381	ALL	672575	4343750	NonCancer	7.59E-05	1.25E-04	7.48E-08	1.61E-05	7.33E-09	9.21E-05	4.48E-04	7.59E-05	7.04E-10	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	4.48E-04
382	ALL	668148.8	4343915	NonCancer	1.24E-03	2.78E-03	2.41E-06	4.85E-04	2.12E-07	1.73E-03	1.12E-02	1.24E-03	2.80E-09	0.00E+00	0.00E+00	3.47E-04	0.00E+00	0.00E+00	1.12E-02
383	ALL	668370.1	4343915	NonCancer	1.78E-03	4.02E-03	3.52E-06	7.08E-04	3.09E-07	2.50E-03	1.63E-02	1.78E-03	2.78E-09	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	1.63E-02
384	ALL	668591.4	4343915	NonCancer	2.99E-03	6.80E-03	6.00E-06	1.21E-03	5.26E-07	4.20E-03	2.78E-02	2.98E-03	3.07E-09	0.00E+00	0.00E+00	8.62E-04	0.00E+00	0.00E+00	2.78E-02
385	ALL	668812.7	4343915	NonCancer	4.36E-03	9.99E-03	8.85E-06	1.78E-03	7.75E-07	6.14E-03	4.08E-02	4.36E-03	3.44E-09	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	4.08E-02
386	ALL	669034	4343915	NonCancer	4.13E-03	9.43E-03	8.33E-06	1.67E-03	7.30E-07	5.82E-03	3.84E-02	4.13E-03	3.54E-09	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	3.84E-02
387	ALL	669255.3	4343915	NonCancer	2.65E-03	5.93E-03	5.16E-06	1.04E-03	4.54E-07	3.69E-03	2.36E-02	2.64E-03	3.48E-09	0.00E+00	0.00E+00	7.42E-04	0.00E+00	0.00E+00	2.36E-02
388	ALL	669476.7	4343915	NonCancer	1.40E-03	3.01E-03	2.52E-06	5.10E-04	2.24E-07	1.91E-03	1.13E-02	1.40E-03	3.44E-09	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	1.13E-02
389	ALL	669698	4343915	NonCancer	8.30E-04	1.68E-03	1.32E-06	2.70E-04	1.19E-07	1.10E-03	5.72E-03	8.29E-04	3.49E-09	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	5.72E-03
390	ALL	669919.3	4343915	NonCancer	6.08E-04	1.15E-03	8.37E-07	1.73E-04	7.72E-08	7.82E-04	3.49E-03	6.08E-04	3.59E-09	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	3.49E-03
391	ALL	670140.6	4343915	NonCancer	5.12E-04	9.13E-04	6.15E-07	1.29E-04	5.80E-08	6.42E-04	2.56E-03	5.12E-04	3.77E-09	0.00E+00	0.00E+00	9.08E-05	0.00E+00	0.00E+00	2.56E-03
392	ALL	670361.9	4343915	NonCancer	4.57E-04	7.81E-04	4.94E-07	1.05E-04	4.74E-08	5.62E-04	2.09E-03	4.57E-04	3.99E-09	0.00E+00	0.00E+00	7.34E-05	0.00E+00	0.00E+00	2.09E-03
393	ALL	670583.2	4343915	NonCancer	4.15E-04	6.80E-04	4.01E-07	8.64E-05	3.94E-08	5.02E-04	1.79E-03	4.15E-04	4.35E-09	0.00E+00	0.00E+00	6.03E-05	0.00E+00	0.00E+00	1.79E-03
394	ALL	670804.5	4343915	NonCancer	3.76E-04	5.95E-04	3.29E-07	7.18E-05	3.30E-08	4.48E-04	1.57E-03	3.76E-04	4.81E-09	0.00E+00	0.00E+00	5.00E-05	0.00E+00	0.00E+00	1.57E-03
395	ALL	671025.8	4343915	NonCancer	3.38E-04	5.15E-04	2.63E-07	5.85E-05	2.72E-08	3.96E-04	1.39E-03	3.38E-04	5.11E-09	0.00E+00	0.00E+00	4.06E-05	0.00E+00	0.00E+00	1.39E-03

396	ALL	671247.1	4343915	NonCancer	2.94E-04	4.46E-04	2.26E-07	5.03E-05	2.34E-08	3.45E-04	1.26E-03	2.94E-04	5.12E-09	0.00E+00	0.00E+00	3.51E-05	0.00E+00	0.00E+00	1.26E-03
397	ALL	671468.4	4343915	NonCancer	2.38E-04	3.49E-04	1.63E-07	3.70E-05	1.74E-08	2.75E-04	1.02E-03	2.38E-04	3.28E-09	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	1.02E-03
398	ALL	671689.8	4343915	NonCancer	1.87E-04	2.71E-04	1.24E-07	2.82E-05	1.33E-08	2.15E-04	8.44E-04	1.87E-04	2.23E-09	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	8.44E-04
399	ALL	671911.1	4343915	NonCancer	1.48E-04	2.17E-04	1.01E-07	2.29E-05	1.08E-08	1.71E-04	6.99E-04	1.48E-04	1.66E-09	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	6.99E-04
400	ALL	672132.4	4343915	NonCancer	1.21E-04	1.80E-04	8.78E-08	1.97E-05	9.23E-09	1.41E-04	6.00E-04	1.21E-04	1.38E-09	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	6.00E-04
401	ALL	672353.7	4343915	NonCancer	9.46E-05	1.46E-04	7.67E-08	1.69E-05	7.84E-09	1.12E-04	5.03E-04	9.46E-05	1.17E-09	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	5.03E-04
402	ALL	672575	4343915	NonCancer	7.62E-05	1.22E-04	6.87E-08	1.49E-05	6.86E-09	9.13E-05	4.27E-04	7.62E-05	7.86E-10	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	4.27E-04
403	ALL	668148.8	4344080	NonCancer	1.16E-03	2.59E-03	2.24E-06	4.52E-04	1.98E-07	1.62E-03	1.04E-02	1.16E-03	2.50E-09	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	1.04E-02
404	ALL	668370.1	4344080	NonCancer	1.69E-03	3.81E-03	3.33E-06	6.69E-04	2.93E-07	2.37E-03	1.54E-02	1.69E-03	2.68E-09	0.00E+00	0.00E+00	4.79E-04	0.00E+00	0.00E+00	1.54E-02
405	ALL	668591.4	4344080	NonCancer	2.46E-03	5.59E-03	4.91E-06	9.86E-04	4.31E-07	3.46E-03	2.27E-02	2.46E-03	2.82E-09	0.00E+00	0.00E+00	7.05E-04	0.00E+00	0.00E+00	2.27E-02
406	ALL	668812.7	4344080	NonCancer	3.17E-03	7.22E-03	6.35E-06	1.28E-03	5.58E-07	4.46E-03	2.94E-02	3.17E-03	2.95E-09	0.00E+00	0.00E+00	9.13E-04	0.00E+00	0.00E+00	2.94E-02
407	ALL	669034	4344080	NonCancer	2.99E-03	6.77E-03	5.93E-06	1.19E-03	5.21E-07	4.19E-03	2.74E-02	2.99E-03	3.07E-09	0.00E+00	0.00E+00	8.53E-04	0.00E+00	0.00E+00	2.74E-02
408	ALL	669255.3	4344080	NonCancer	2.04E-03	4.52E-03	3.89E-06	7.84E-04	3.43E-07	2.83E-03	1.79E-02	2.04E-03	3.10E-09	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	1.79E-02
409	ALL	669476.7	4344080	NonCancer	1.21E-03	2.59E-03	2.16E-06	4.38E-04	1.92E-07	1.65E-03	9.82E-03	1.21E-03	3.11E-09	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	9.82E-03
410	ALL	669698	4344080	NonCancer	7.44E-04	1.49E-03	1.17E-06	2.39E-04	1.06E-07	9.84E-04	5.21E-03	7.44E-04	3.14E-09	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	5.21E-03
411	ALL	669919.3	4344080	NonCancer	5.39E-04	1.01E-03	7.25E-07	1.50E-04	6.71E-08	6.90E-04	3.18E-03	5.39E-04	3.24E-09	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	3.18E-03
412	ALL	670140.6	4344080	NonCancer	4.54E-04	7.91E-04	5.15E-07	1.09E-04	4.91E-08	5.63E-04	2.29E-03	4.54E-04	3.42E-09	0.00E+00	0.00E+00	7.63E-05	0.00E+00	0.00E+00	2.29E-03
413	ALL	670361.9	4344080	NonCancer	4.02E-04	6.86E-04	4.33E-07	9.20E-05	4.16E-08	4.95E-04	1.92E-03	4.02E-04	3.57E-09	0.00E+00	0.00E+00	6.44E-05	0.00E+00	0.00E+00	1.92E-03
414	ALL	670583.2	4344080	NonCancer	3.66E-04	6.02E-04	3.56E-07	7.66E-05	3.49E-08	4.43E-04	1.65E-03	3.66E-04	3.81E-09	0.00E+00	0.00E+00	5.35E-05	0.00E+00	0.00E+00	1.65E-03
415	ALL	670804.5	4344080	NonCancer	3.35E-04	5.27E-04	2.87E-07	6.28E-05	2.89E-08	3.98E-04	1.44E-03	3.35E-04	4.25E-09	0.00E+00	0.00E+00	4.37E-05	0.00E+00	0.00E+00	1.44E-03
416	ALL	671025.8	4344080	NonCancer	2.81E-04	4.22E-04	2.09E-07	4.68E-05	2.18E-08	3.28E-04	1.19E-03	2.81E-04	3.47E-09	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	1.19E-03
417	ALL	671247.1	4344080	NonCancer	2.61E-04	3.95E-04	1.99E-07	4.44E-05	2.07E-08	3.06E-04	1.14E-03	2.61E-04	4.38E-09	0.00E+00	0.00E+00	3.09E-05	0.00E+00	0.00E+00	1.14E-03
418	ALL	671468.4	4344080	NonCancer	2.24E-04	3.33E-04	1.61E-07	3.63E-05	1.70E-08	2.60E-04	1.01E-03	2.24E-04	4.28E-09	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	1.01E-03
419	ALL	671689.8	4344080	NonCancer	1.62E-04	2.34E-04	1.05E-07	2.40E-05	1.14E-08	1.86E-04	7.26E-04	1.62E-04	1.82E-09	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	7.26E-04
420	ALL	671911.1	4344080	NonCancer	1.22E-04	1.79E-04	8.27E-08	1.88E-05	8.85E-09	1.41E-04	5.78E-04	1.22E-04	1.34E-09	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	5.78E-04
421	ALL	672132.4	4344080	NonCancer	9.63E-05	1.44E-04	7.07E-08	1.59E-05	7.41E-09	1.12E-04	4.83E-04	9.63E-05	1.03E-09	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	4.83E-04
422	ALL	672353.7	4344080	NonCancer	8.07E-05	1.24E-04	6.40E-08	1.42E-05	6.58E-09	9.49E-05	4.23E-04	8.07E-05	9.08E-10	0.00E+00	0.00E+00	9.79E-06	0.00E+00	0.00E+00	4.23E-04
423	ALL	672575	4344080	NonCancer	6.66E-05	1.05E-04	5.81E-08	1.27E-05	5.84E-09	7.93E-05	3.67E-04	6.66E-05	7.15E-10	0.00E+00	0.00E+00	8.81E-06	0.00E+00	0.00E+00	3.67E-04
424	ALL	671464.7	4342094	NonCancer	1.42E-03	1.69E-03	3.44E-07	1.03E-04	5.32E-08	1.52E-03	1.04E-02	1.42E-03	1.25E-07	0.00E+00	0.00E+00	8.43E-05	0.00E+00	0.00E+00	1.04E-02
425	ALL	671482.2	4342064	NonCancer	1.33E-03	1.58E-03	3.22E-07	9.63E-05	4.98E-08	1.42E-03	1.07E-02	1.33E-03	1.31E-07	0.00E+00	0.00E+00	8.20E-05	0.00E+00	0.00E+00	1.07E-02
426	ALL	671498.6	4342030	NonCancer	1.21E-03	1.45E-03	2.98E-07	8.87E-05	4.57E-08	1.30E-03	1.09E-02	1.21E-03	1.34E-07	0.00E+00	0.00E+00	7.88E-05	0.00E+00	0.00E+00	1.09E-02
427	ALL	671513.8	4341992	NonCancer	1.07E-03	1.29E-03	2.76E-07	8.07E-05	4.13E-08	1.16E-03	1.13E-02	1.07E-03	1.42E-07	0.00E+00	0.00E+00	7.67E-05	0.00E+00	0.00E+00	1.13E-02
428	ALL	671541.8	4341965	NonCancer	9.03E-04	1.10E-03	2.51E-07	7.15E-05	3.63E-08	9.75E-04	1.03E-02	9.03E-04	1.24E-07	0.00E+00	0.00E+00	6.85E-05	0.00E+00	0.00E+00	1.03E-02
429	ALL	671575.6	4341974	NonCancer	8.07E-04	9.85E-04	2.34E-07	6.56E-05	3.33E-08	8.73E-04	7.99E-03	8.07E-04	9.16E-08	0.00E+00	0.00E+00	5.83E-05	0.00E+00	0.00E+00	7.99E-03
430	ALL	671460.8	4342163	NonCancer	1.32E-03	1.59E-03	3.57E-07	1.03E-04	5.26E-08	1.42E-03	8.51E-03	1.32E-03	7.86E-08	0.00E+00	0.00E+00	7.52E-05	0.00E+00	0.00E+00	8.51E-03
431	ALL	671451	4342187	NonCancer	1.33E-03	1.62E-03	3.73E-07	1.06E-04	5.41E-08	1.44E-03	8.32E-03	1.33E-03	7.15E-08	0.00E+00	0.00E+00	7.58E-05	0.00E+00	0.00E+00	8.32E-03
432	ALL	671510.7	4342220	NonCancer	1.03E-03	1.27E-03	3.28E-07	8.93E-05	4.51E-08	1.12E-03	6.28E-03	1.03E-03	5.43E-08	0.00E+00	0.00E+00	6.44E-05	0.00E+00	0.00E+00	6.28E-03
433	ALL	671524.1	4342193	NonCancer	9.97E-04	1.23E-03	3.10E-07	8.50E-05	4.31E-08	1.08E-03	6.24E-03	9.97E-04	5.82E-08	0.00E+00	0.00E+00	6.27E-05	0.00E+00	0.00E+00	6.24E-03
434	ALL	671522.9	4342251	NonCancer	9.52E-04	1.19E-03	3.25E-07	8.67E-05	4.34E-08	1.04E-03	5.72E-03	9.52E-04	4.67E-08	0.00E+00	0.00E+00	6.18E-05	0.00E+00	0.00E+00	5.72E-03
435	ALL	671599.1	4342253	NonCancer	7.70E-04	9.75E-04	2.81E-07	7.34E-05	3.65E-08	8.43E-04	4.53E-03	7.70E-04	3.48E-08	0.00E+00	0.00E+00	5.20E-05	0.00E+00	0.00E+00	4.53E-03
436	ALL	671627.8	4342257	NonCancer	7.11E-04	9.07E-04	2.69E-07	6.95E-05	3.45E-08	7.80E-04	4.16E-03	7.11E-04	2.91E-08	0.00E+00	0.00E+00	4.87E-05	0.00E+00	0.00E+00	4.16E-03
437	ALL	671583.9	4342116	NonCancer	8.33E-04	1.02E-03	2.52E-07	6.98E-05	3.55E-08	9.03E-04	5.48E-03	8.33E-04	4.96E-08	0.00E+00	0.00E+00	5.17E-05	0.00E+00	0.00E+00	5.48E-03
438	ALL	671595.5	4342072	NonCancer	8.08E-04	9.89E-04	2.38E-07	6.65E-05	3.39E-08	8.75E-04	5.62E-03	8.08E-04	5.30E-08	0.00E+00	0.00E+00	5.03E-05	0.00E+00	0.00E+00	5.62E-03
439	ALL	671663.1	4342056	NonCancer	6.80E-04	8.44E-04	2.20E-07	5.95E-05	3.00E-08	7.40E-04	4.70E-03	6.80E-04	4.01E-08	0.00E+00	0.00E+00	4.39E-05	0.00E+00	0.00E+00	4.70E-03
440	ALL	671600.9	4342030	NonCancer	7.95E-04	9.71E-04	2.32E-07	6.49E-05	3.30E-08	8.60E-04	6.09E-03	7.95E-04	6.37E-08	0.00E+00	0.00E+00	5.16E-05	0.00E+00	0.00E+00	6.09E-03
441	ALL	671526.6	4342156	NonCancer	1.00E-03	1.23E-03	2.96E-07	8.26E-05	4.21E-08	1.09E-03	6.50E-03	1.00E-03	6.64E-08	0.00E+00	0.00E+00	6.26E-05	0.00E+00	0.00E+00	6.50E-03
442	ALL	671629	4342292	NonCancer	6.78E-04	8.74E-04	2.71E-07	6.91E-05	3.41E-08	7.47E-04	3.94E-03	6.78E-04	2.68E-08	0.00E+00	0.00E+00	4.83E-05	0.00E+00	0.00E+00	3.94E-03
443	ALL	671641.8	4341981	NonCancer	6.71E-04	8.30E-04	2.13E-07	5.80E-05	2.92E-08	7.29E-04	5.74E-03	6.70E-04	5.75E-08	0.00E+00	0.00E+00	4.69E-05	0.00E+00	0.00E+00	5.74E-03
444	ALL	671666.8	4342019	NonCancer	6.59E-04	8.18E-04	2.13E-07	5.77E-05	2.91E-08	7.17E-04	4.92E-03	6.59E-04	4.51E-08	0.00E+00	0.00E+00	4.40E-05	0.00E+00	0.00E+00	4.92E-03
445	ALL	671407.1	4342220	NonCancer	1.57E-03	1.91E-03	4.44E-07	1.26E-04	6.40E-08	1.70E-03	9.30E-03	1.57E-03	8.60E-08	0.00E+00	0.00E+00	8.96E-05	0.00E+00	0.00E+00	9.30E-03
446	ALL	671415.6	4342183	NonCancer	1.62E-03	1.95E-03	4.26E-07	1.24E-04	6.34E-08	1.74E-03	1.00E-02	1.62E-03	9.03E-08	0.00E+00	0.00E+00	8.84E-05	0.00E+00	0.00E+00	1.00E-02
447	ALL	671635.1	4341706	NonCancer	3.87E-04	5.20E-04	1.89E-07	4.59E-05	2.21E-08	4.33E-04	1.02E-02	3.87E-04	3.27E-08	0.00E+00	0.00E+00	3.63E-05	0.00E+00	0.00E+00	1.02E-02
448	ALL	671693.6	4341710	NonCancer	3.63E-04	4.90E-04	1.83E-07	4.41E-05	2.11E-08	4.07E-04	7.21E-03	3.63E-04	2.86E-08	0.00E+00	0.00E+00	3.43E-05	0.00E+00	0.00E+00	7.21E-03
449	ALL	671719.8	4341736	NonCancer	3.70E-04	5.00E-04	1.85E-07	4.46E-05	2.14E-08	4.15E-04	6.36E-03	3.70E-04	2.89E-08	0.00E+00	0.00E+00	3.47E-05	0.00E+00	0.00E+00	6.36E-03
450	ALL	671673.5	4341630	NonCancer	3.51E-04	4.78E-04	1.83E-07	4.38E-05	2.08E-08	3.95E-04	9.31E-03	3.51E-04	3.01E-08	0.00E+00	0.00E+00	3.44E-05	0.00E+00	0.00E+00	9.31E-03
451	ALL	671888	4341936	NonCancer	3.74E-04	4.97E-04	1.74E-07	4.27E-05	2.07E-08	4.17E-04	2.74E-03	3.74E-04	1.44E-08	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	2.74E-03
452	ALL	671977.6	4341952	NonCancer	3.10E-04	4.16E-04	1.49E-07	3.64E-05	1.76E-08	3.47E-04	2.06E-03	3.10E-04	8.56E-09	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	2.06E-03
453	ALL	672039.2	4341895	NonCancer	2.52E-04	3.42E-04	1.28E-07	3.09E-05	1.49E-08	2.83E-04	1.67E-03	2.52E-04	6.08E-09	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	1.67E-03
454	ALL	671858.2	4341754	NonCancer	3.26E-04	4.44E-04	1.70E-07	4.07E-05	1.95E-08	3.67E-04	4.09E-03	3.26E-04	1.68E-08	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	4.09E-03
455	ALL	671922.8	4341634	NonCancer	2.28E-04	3.19E-04	1.33E-07	3.11E-05	1.48E-08	2.59E-04	2.10E-03	2.27E-04	8.66E-09	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	2.10E-03
456	ALL	671613.7	4341791	NonCancer	4.66E-04	6.09E-04	1.99E-07	5.00E-05	2.43E-08	5.16E-04	1.03E-02	4.66E-04	5.28E-08	0.00E+00	0.00E+00	4.30E-05	0.00E+00	0.00E+00	1.03E-02
457	ALL	671853.3	4341731	NonCancer	3.13E-04	4.29E-04	1.67E-07	3.97E-05	1.90E-08	3.53E-04	4.15E-03	3.13E-04	1.65E-08	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	4.15E-03
458	ALL	671783.8	4341586	NonCancer	2.83E-04	3.93E-04	1.60E-07	3.76E-05	1.78E-08	3.20E-04	4.65E-03	2.83E-04	1.88E-08	0.00E+00	0.00E+00	2.83E-05	0.00E+00	0.00E+00	4.65E-03
459	ALL	671783.2	4341547	NonCancer	2.65E-04	3.71E-04	1.54E-07	3.60E-05	1.70E-08	3.02E-04	4.22E-03	2.65E-04	1.69E-08	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	4.22E-03
460	ALL	671769.2	4341461	NonCancer	2.48E-04	3.47E-04	1.44E-07	3.36E-05	1.59E-08	2.82E-04	3.46E-03	2.48E-04	1.73E-08	0.00E+00	0.00E+00	2.55E-05	0.00E+00	0.00E+00	3.46E-03
461	ALL	671800.9	4341421	NonCancer	2.18E-04	3.08E-04	1.31E-07	3.05E-05	1.44E-08	2.48E-04	2.76E-03	2.18E-04	1.23E-08	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	2.76E-03
462	ALL	671880.1	4341427	NonCancer	1.76E-04	2.55E-04	1.15E-07	2.63E-05	1.23E-08	2.03E-04	1.56E-03	1.76E-04	5.76E-09	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	1.56E-03
463	ALL	672012.4	4341505	NonCancer	1.47E-04	2.11E-04	9.36E-08	2.15E-05	1.02E-08	1.68E-04	1.05E-03	1.47E-04	3.07E-09	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	1.05E-03
464	ALL	672084.3	4341548	NonCancer	1.53E-04	2.18E-04	9.47E-08	2.19E-05	1.04E-08	1.75E-04	1.08E-03	1.53E-04	3.31E-09	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	1.08E-03
465	ALL	671915.5	4341478	NonCancer	1.74E-04	2.52E-04	1.13E-07	2.60E-05	1.22E-08	2.00E-04	1.48E-03	1.74E-04	5.00E-09	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	1.48E-03
466	ALL	671903.3	4341564	NonCancer	2.06E-04	2.93E-04	1.28E-07	2.95E-05	1.39E-08	2.35E-04	1.94E-03	2.06E-04	7.47E-09	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	1.94E-03
467	ALL	671863.1	4341522	NonCancer	2.10E-04	3.00E-04	1.32E-07	3.04E-05	1.43E-08	2.41E-04	2.16E-03	2.10E-04	8.14E-09	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	2.16E-03
468	ALL	671830.1	4341336	NonCancer	1.88E-04	2.68E-04	1.18E-07	2.72E-05	1.28E-08	2.15E-04	1.83E-03	1.88E-04	9.34E-09	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	1.83E-03
469	ALL	671835.6	4341288	NonCancer	1.76E-04	2.52E-04	1.11E-07	2.57E-05	1.20E-08	2.02E-04	1.53E-03	1.76E-04	8.14E-09	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	1.53E-03
470	ALL	671825.9	4341275	NonCancer	1.75E-04	2.50E-04	1.11E-07	2.55E-05	1.19E-08	2.00E-04	1.51E-03	1.75E-04	8.16E-09	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	1.51E-03
471	ALL	672136.7	4341371	NonCancer	1.02E-04	1.53E-04	7.51E-08	1.68E-05	7.85E-09	1.19E-04	6.62E-04	1.02E-04	1.58E-09	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	6.62E-04
472	ALL	671920.3	4341307	NonCancer	1.47E-04	2.12E-04	9.56E-08	2.19E-05	1.03E-08	1.69E-04	1.12E-03	1.47E-04	4.23E-09	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	1.12E-03
473	ALL	671695.4	4341257	NonCancer	1.76E-04	2.47E-04	1.03E-07	2.41E-05	1.14E-08	2.00E-04	1.40E-03	1.76E-04	1.05E-08	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	1.40E-03
474	ALL	671682	4341176	NonCancer	1.53E-04	2.14E-04	8.79E-08	2.06E-05	9.80E-09	1.74E-04	1.09E-03	1.53E-04	6.02E-09	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	1.09E-03
475	ALL	671991.7	4341196	NonCancer	1.26E-04	1.84E-04	8.53E-08	1.94E-05	9.09E-09	1.46E-04	9.02E-04	1.26E-04	3.35E-09	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	9.02E-04
476	ALL	672022.1	4341232	NonCancer	1.21E-04	1.78E-04	8.37E-08	1.90E-05	8.86E-09	1.40E-04	8.47E-04	1.21E-04	2.72E-09	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	8.47E-04
477	ALL	671992.3	4341178	NonCancer	1.21E-04	1.76E-04	8.09E-08	1.84E-05	8.65E-09	1.39E-04	8.25E-04	1.21E-04	2.89E-09	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	8.25E-04
478	ALL	671540.6	4341238	NonCancer	1.64E-04	2.24E-04	8.58E-08	2.05E-05	9.85E-09	1.84E-04	1.09E-03	1.64E-04	7.27E-09	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	1.09E-03
479	ALL	671575.3	4341178	NonCancer	1.42E-04	1.95E-04	7.75E-08	1.83E-05	8.78E-09	1.60E-04	8.86E-04	1.42E-04	5.59E-09	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	8.86E-04
480	ALL	671454.7	4341196	NonCancer	1.75E-04	2.35E-04	8.46E-08	2.06E-05	9.95E-09	1.96E-04	1.05E-03	1.75E-04	9.73E-09	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	1.05E-03
481	ALL	671523.5	4341116	NonCancer	1.37E-04	1.89E-04	7.33E-08	1.74E-05	8.36E-09	1.55E-04	8.07E-04	1.37E-04	6.21E-09	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	8.07E-04
482	ALL	671413.2	4341127	NonCancer	1.71E-04	2.28E-04	8.07E-08	1.97E-05	9.59E-09	1.90E-04	9.44E-04	1.71E-04	9.30E-09	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	9.44E-04
483	ALL	671471.1	4341065	NonCancer	1.41E-04	1.91E-04	7.19E-08	1.73E-05	8.32E-09	1.58E-04	7.76E-04	1.41E-04	6.94E-09	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	7.76E-04
484	ALL	671601.6	4341051	NonCancer	1.30E-04	1.81E-04	7.37E-08	1.73E-05	8.26E-09	1.47E-04	8.24E-04	1.30E-04	4.57E-09	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	8.24E-04
485	ALL	671198.6	4341254	NonCancer	2.32E-04	3.01E-04	9.56E-08	2.42E-05	1.19E-08	2.56E-04	1.37E-03	2.32E-04	2.80E-08	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	1.37E-03
486	ALL	671278.5	4341212	NonCancer	2.19E-04	2.87E-04	9.33E-08	2.34E-05	1.15E-08	2.43E-04	1.23E-03	2.19E-04	1.44E-08	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	1.23E-03
487	ALL	671230.3	4341133	NonCancer	1.88E-04	2.47E-04	8.33E-08	2.07E-05	1.01E-08	2.09E-04	1.00E-03	1.88E-04	1.57E-08	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	1.00E-03
488	ALL	671073.1	4341272	NonCancer	2.49E-04	3.20E-04	9.93E-08	2.53E-05	1.25E-08	2.74E-04	1.51E-03	2.49E-04	3.05E-08	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	1.51E-03
489	ALL	671122.5	4341374	NonCancer	3.13E-04	3.98E-04	1.17E-07	3.03E-05	1.51E-08	3.43E-04	2.10E-03	3.13E-04	4.08E-08	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	2.10E-03
490	ALL	671118.8	4341397	NonCancer	3.32E-04	4.22E-04	1.23E-07	3.19E-05	1.59E-08	3.64E-04	2.29E-03	3.32E-04	4.40E-08	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	2.29E-03
491	ALL	670978.4	4341324	NonCancer	3.19E-04	4.03E-04	1.14E-07	2.99E-05	1.50E-08	3.49E-04	1.87E-03	3.19E-04	4.16E-08	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	1.87E-03
492	ALL	670932.9	4341394	NonCancer	3.99E-04	4.97E-04	1.31E-07	3.53E-05	1.79E-08	4.35E-04	2.26E-03	3.99E-04	4.37E-08	0.00E+00	0.00E+00	3.12E-05	0.00E+00	0.00E+00	2.26E-03
493	ALL	670935.2	4341367	NonCancer	3.74E-04	4.68E-04	1.26E-07	3.37E-05	1.70E-08	4.08E-04	2.15E-03	3.74E-04	4.32E-08	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	2.15E-03
494	ALL	671108	4340976	NonCancer	1.77E-04	2.33E-04	7.85E-08	1.95E-05	9.55E-09	1.97E-04	8.78E-04	1.77E-04	1.71E-08	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	8.78E-04

495	ALL	671286.7	4340979	NonCancer	1.50E-04	2.01E-04	7.17E-08	1.75E-05	8.50E-09	1.68E-04	7.60E-04	1.50E-04	7.34E-09	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	7.60E-04
496	ALL	671675.4	4342489	NonCancer	4.76E-04	6.44E-04	2.40E-07	5.78E-05	2.78E-08	5.34E-04	2.55E-03	4.76E-04	1.59E-08	0.00E+00	0.00E+00	4.03E-05	0.00E+00	0.00E+00	2.55E-03
497	ALL	671091.4	4342277	NonCancer	5.23E-03	7.72E-03	3.68E-06	8.32E-04	3.88E-07	6.06E-03	1.73E-02	5.23E-03	2.27E-07	0.00E+00	0.00E+00	6.02E-04	0.00E+00	0.00E+00	1.73E-02
498	ALL	671051.8	4342332	NonCancer	4.10E-03	5.86E-03	2.56E-06	5.90E-04	2.79E-07	4.70E-03	1.29E-02	4.10E-03	1.65E-07	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	1.29E-02
499	ALL	671051.8	4342369	NonCancer	4.10E-03	6.18E-03	3.09E-06	6.90E-04	3.20E-07	4.79E-03	1.24E-02	4.10E-03	1.51E-07	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	1.24E-02
500	ALL	670953	4342361	NonCancer	2.91E-03	4.03E-03	1.61E-06	3.81E-04	1.82E-07	3.29E-03	9.52E-03	2.91E-03	1.19E-07	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	9.52E-03
501	ALL	670695.7	4342236	NonCancer	1.17E-03	1.62E-03	6.62E-07	1.56E-04	7.35E-08	1.32E-03	4.93E-03	1.17E-03	5.97E-08	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	4.93E-03
502	ALL	670545.5	4342319	NonCancer	8.87E-04	1.29E-03	5.92E-07	1.35E-04	6.28E-08	1.02E-03	3.78E-03	8.87E-04	3.00E-08	0.00E+00	0.00E+00	9.43E-05	0.00E+00	0.00E+00	3.78E-03
503	ALL	670711.7	4342488	NonCancer	1.57E-03	2.21E-03	9.21E-07	2.15E-04	1.02E-07	1.79E-03	5.47E-03	1.57E-03	3.87E-08	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	5.47E-03
504	ALL	670648.3	4342502	NonCancer	1.33E-03	1.88E-03	8.05E-07	1.87E-04	8.85E-08	1.52E-03	4.77E-03	1.33E-03	2.93E-08	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	4.77E-03
505	ALL	670648.3	4342631	NonCancer	1.29E-03	1.82E-03	7.66E-07	1.78E-04	8.50E-08	1.47E-03	4.32E-03	1.29E-03	1.99E-08	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	4.32E-03
506	ALL	670806.3	4342728	NonCancer	1.89E-03	3.16E-03	1.93E-06	4.14E-04	1.88E-07	2.31E-03	5.44E-03	1.89E-03	2.86E-08	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	5.44E-03
507	ALL	670688.2	4342739	NonCancer	1.24E-03	1.82E-03	8.55E-07	1.94E-04	9.10E-08	1.43E-03	4.18E-03	1.24E-03	1.77E-08	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	4.18E-03
508	ALL	670804.9	4342428	NonCancer	2.03E-03	2.80E-03	1.11E-06	2.62E-04	1.25E-07	2.29E-03	6.76E-03	2.03E-03	7.03E-08	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	6.76E-03
509	ALL	670439.5	4342472	NonCancer	8.88E-04	1.33E-03	6.65E-07	1.49E-04	6.86E-08	1.04E-03	3.68E-03	8.88E-04	1.99E-08	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	3.68E-03
510	ALL	670358.4	4342579	NonCancer	8.90E-04	1.38E-03	7.30E-07	1.61E-04	7.38E-08	1.05E-03	3.74E-03	8.90E-04	1.59E-08	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	3.74E-03
511	ALL	670546.6	4342662	NonCancer	1.19E-03	1.78E-03	8.75E-07	1.96E-04	9.13E-08	1.39E-03	4.40E-03	1.19E-03	2.13E-08	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	4.40E-03
512	ALL	670537	4342595	NonCancer	1.12E-03	1.64E-03	7.75E-07	1.75E-04	8.21E-08	1.29E-03	4.23E-03	1.12E-03	2.21E-08	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	4.23E-03
513	ALL	670483.5	4342777	NonCancer	1.13E-03	1.78E-03	9.63E-07	2.11E-04	9.71E-08	1.35E-03	4.33E-03	1.13E-03	1.75E-08	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	4.33E-03
514	ALL	670508.2	4342755	NonCancer	1.17E-03	1.80E-03	9.55E-07	2.10E-04	9.71E-08	1.38E-03	4.36E-03	1.17E-03	1.80E-08	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	4.36E-03
515	ALL	670517.8	4342869	NonCancer	1.19E-03	1.93E-03	1.12E-06	2.42E-04	1.10E-07	1.44E-03	4.40E-03	1.19E-03	1.61E-08	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	4.40E-03
516	ALL	670545.3	4342851	NonCancer	1.20E-03	1.91E-03	1.07E-06	2.33E-04	1.07E-07	1.43E-03	4.34E-03	1.20E-03	1.56E-08	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.34E-03
517	ALL	670582.4	4342878	NonCancer	1.30E-03	2.14E-03	1.28E-06	2.75E-04	1.25E-07	1.57E-03	4.46E-03	1.30E-03	1.60E-08	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	4.46E-03
518	ALL	670304.9	4342689	NonCancer	8.98E-04	1.44E-03	8.18E-07	1.78E-04	8.10E-08	1.08E-03	3.94E-03	8.98E-04	2.03E-08	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	3.94E-03
519	ALL	670039.7	4342661	NonCancer	7.20E-04	1.28E-03	8.62E-07	1.81E-04	8.10E-08	9.02E-04	3.92E-03	7.20E-04	1.06E-08	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.92E-03
520	ALL	670156.5	4342673	NonCancer	8.01E-04	1.35E-03	8.42E-07	1.80E-04	8.10E-08	9.81E-04	3.89E-03	8.01E-04	1.19E-08	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	3.89E-03
521	ALL	670236.2	4342649	NonCancer	8.42E-04	1.36E-03	7.87E-07	1.70E-04	7.74E-08	1.01E-03	3.81E-03	8.42E-04	1.31E-08	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	3.81E-03
522	ALL	670071.3	4342738	NonCancer	8.39E-04	1.46E-03	9.59E-07	2.02E-04	9.08E-08	1.04E-03	4.31E-03	8.38E-04	1.05E-08	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	4.31E-03
523	ALL	669990.2	4342753	NonCancer	8.18E-04	1.48E-03	1.03E-06	2.15E-04	9.57E-08	1.03E-03	4.59E-03	8.18E-04	9.64E-09	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	4.59E-03
524	ALL	669928.4	4342742	NonCancer	7.91E-04	1.48E-03	1.06E-06	2.20E-04	9.79E-08	1.01E-03	4.73E-03	7.91E-04	9.19E-09	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	4.73E-03
525	ALL	669815.8	4342673	NonCancer	7.07E-04	1.34E-03	9.80E-07	2.03E-04	9.00E-08	9.11E-04	4.43E-03	7.07E-04	8.68E-09	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	4.43E-03
526	ALL	669743	4342656	NonCancer	6.90E-04	1.31E-03	9.66E-07	2.00E-04	8.85E-08	8.91E-04	4.40E-03	6.90E-04	8.28E-09	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	4.40E-03
527	ALL	669791	4342745	NonCancer	8.15E-04	1.57E-03	1.18E-06	2.43E-04	1.08E-07	1.06E-03	5.30E-03	8.15E-04	8.27E-09	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	5.30E-03
528	ALL	669696.3	4342731	NonCancer	8.16E-04	1.60E-03	1.22E-06	2.51E-04	1.11E-07	1.07E-03	5.54E-03	8.16E-04	7.76E-09	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	5.54E-03
529	ALL	669536.9	4342553	NonCancer	6.49E-04	1.29E-03	9.94E-07	2.04E-04	9.00E-08	8.54E-04	4.53E-03	6.49E-04	6.70E-09	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	4.53E-03
530	ALL	669228.6	4343290	NonCancer	3.10E-02	7.21E-02	6.47E-05	1.30E-02	5.65E-06	4.40E-02	2.91E-01	3.10E-02	6.63E-09	0.00E+00	0.00E+00	9.28E-03	0.00E+00	0.00E+00	2.91E-01
531	ALL	669170.4	4343325	NonCancer	3.37E-02	7.83E-02	7.02E-05	1.41E-02	6.14E-06	4.78E-02	3.22E-01	3.36E-02	1.38E-08	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	3.22E-01
532	ALL	669284.8	4343340	NonCancer	1.83E-02	4.25E-02	3.80E-05	7.63E-03	3.33E-06	2.60E-02	1.64E-01	1.83E-02	6.01E-09	0.00E+00	0.00E+00	5.46E-03	0.00E+00	0.00E+00	1.64E-01
533	ALL	669324.1	4343251	NonCancer	1.78E-02	4.12E-02	3.69E-05	7.40E-03	3.22E-06	2.52E-02	1.64E-01	1.78E-02	5.31E-09	0.00E+00	0.00E+00	5.29E-03	0.00E+00	0.00E+00	1.64E-01
534	ALL	669359.8	4343290	NonCancer	8.50E-03	1.96E-02	1.75E-05	3.50E-03	1.53E-06	1.20E-02	7.27E-02	8.50E-03	5.16E-09	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	7.27E-02
535	ALL	669370.4	4343387	NonCancer	6.80E-03	1.56E-02	1.39E-05	2.79E-03	1.22E-06	9.61E-03	5.56E-02	6.80E-03	5.31E-09	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	5.56E-02
536	ALL	669423.9	4343410	NonCancer	4.45E-03	1.01E-02	8.95E-06	1.80E-03	7.85E-07	6.26E-03	3.38E-02	4.45E-03	5.04E-09	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	3.38E-02
537	ALL	669488.1	4343420	NonCancer	3.18E-03	7.16E-03	6.26E-06	1.26E-03	5.50E-07	4.44E-03	2.20E-02	3.18E-03	4.93E-09	0.00E+00	0.00E+00	9.00E-04	0.00E+00	0.00E+00	2.20E-02
538	ALL	669649.9	4343378	NonCancer	1.78E-03	3.86E-03	3.25E-06	6.58E-04	2.89E-07	2.44E-03	9.52E-03	1.78E-03	5.03E-09	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	9.52E-03
539	ALL	669720.5	4343374	NonCancer	1.56E-03	3.32E-03	2.75E-06	5.57E-04	2.45E-07	2.12E-03	7.63E-03	1.56E-03	5.19E-09	0.00E+00	0.00E+00	3.97E-04	0.00E+00	0.00E+00	7.63E-03
540	ALL	669770.4	4343323	NonCancer	2.19E-03	4.77E-03	4.04E-06	8.16E-04	3.58E-07	3.01E-03	8.24E-03	2.19E-03	5.47E-09	0.00E+00	0.00E+00	5.82E-04	0.00E+00	0.00E+00	8.24E-03
541	ALL	669764	4343211	NonCancer	1.80E-03	3.88E-03	3.25E-06	6.58E-04	2.89E-07	2.47E-03	9.14E-03	1.80E-03	5.83E-09	0.00E+00	0.00E+00	4.69E-04	0.00E+00	0.00E+00	9.14E-03
542	ALL	669764.7	4343112	NonCancer	1.44E-03	3.04E-03	2.50E-06	5.07E-04	2.23E-07	1.95E-03	9.43E-03	1.44E-03	6.24E-09	0.00E+00	0.00E+00	3.61E-04	0.00E+00	0.00E+00	9.43E-03
543	ALL	669888.7	4343142	NonCancer	1.31E-03	2.68E-03	2.12E-06	4.34E-04	1.91E-07	1.75E-03	7.08E-03	1.31E-03	6.55E-09	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	7.08E-03
544	ALL	669888.7	4343250	NonCancer	2.04E-03	4.38E-03	3.65E-06	7.40E-04	3.25E-07	2.79E-03	7.36E-03	2.04E-03	6.04E-09	0.00E+00	0.00E+00	5.28E-04	0.00E+00	0.00E+00	7.36E-03
545	ALL	669864.5	4343261	NonCancer	2.41E-03	5.24E-03	4.44E-06	8.97E-04	3.93E-07	3.31E-03	8.00E-03	2.41E-03	5.93E-09	0.00E+00	0.00E+00	6.40E-04	0.00E+00	0.00E+00	8.00E-03
546	ALL	669088.8	4343481	NonCancer	1.85E-02	4.29E-02	3.84E-05	7.70E-03	3.36E-06	2.62E-02	1.77E-01	1.85E-02	1.87E-08	0.00E+00	0.00E+00	5.51E-03	0.00E+00	0.00E+00	1.77E-01
547	ALL	668973.4	4343427	NonCancer	2.90E-02	6.76E-02	6.06E-05	1.21E-02	5.30E-06	4.13E-02	2.80E-01	2.90E-02	2.93E-08	0.00E+00	0.00E+00	8.70E-03	0.00E+00	0.00E+00	2.80E-01
548	ALL	669006.2	4343427	NonCancer	2.99E-02	6.96E-02	6.24E-05	1.25E-02	5.45E-06	4.25E-02	2.88E-01	2.99E-02	4.35E-08	0.00E+00	0.00E+00	8.96E-03	0.00E+00	0.00E+00	2.88E-01
549	ALL	668940.6	4343516	NonCancer	1.59E-02	3.69E-02	3.31E-05	6.63E-03	2.89E-06	2.26E-02	1.53E-01	1.59E-02	1.00E-08	0.00E+00	0.00E+00	4.75E-03	0.00E+00	0.00E+00	1.53E-01
550	ALL	668922	4343557	NonCancer	1.28E-02	2.98E-02	2.67E-05	5.34E-03	2.33E-06	1.82E-02	1.23E-01	1.28E-02	7.39E-09	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	1.23E-01
551	ALL	668475.6	4343142	NonCancer	3.47E-03	7.93E-03	7.02E-06	1.41E-03	6.16E-07	4.88E-03	3.25E-02	3.47E-03	4.76E-09	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	3.25E-02
552	ALL	668572	4343208	NonCancer	6.12E-03	1.41E-02	1.26E-05	2.52E-03	1.10E-06	8.65E-03	5.81E-02	6.12E-03	5.35E-09	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	5.81E-02
553	ALL	668567	4343041	NonCancer	4.37E-03	1.00E-02	8.91E-06	1.79E-03	7.80E-07	6.17E-03	4.11E-02	4.37E-03	4.99E-09	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	4.11E-02
554	ALL	669299	4342841	NonCancer	2.38E-03	5.35E-03	4.66E-06	9.37E-04	4.10E-07	3.33E-03	2.12E-02	2.38E-03	5.47E-09	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	2.12E-02
555	ALL	669377.8	4342728	NonCancer	1.24E-03	2.67E-03	2.25E-06	4.54E-04	1.99E-07	1.70E-03	1.02E-02	1.24E-03	5.86E-09	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	1.02E-02
556	ALL	669384.5	4342770	NonCancer	1.46E-03	3.20E-03	2.71E-06	5.48E-04	2.40E-07	2.02E-03	1.23E-02	1.46E-03	5.83E-09	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	1.23E-02
557	ALL	669341.7	4342653	NonCancer	9.98E-04	2.11E-03	1.75E-06	3.54E-04	1.56E-07	1.35E-03	7.94E-03	9.98E-04	5.82E-09	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	7.94E-03
558	ALL	669307.3	4342655	NonCancer	1.04E-03	2.21E-03	1.84E-06	3.72E-04	1.63E-07	1.41E-03	8.36E-03	1.04E-03	5.70E-09	0.00E+00	0.00E+00	2.65E-04	0.00E+00	0.00E+00	8.36E-03
559	ALL	670048.3	4342946	NonCancer	9.29E-04	1.69E-03	1.18E-06	2.46E-04	1.10E-07	1.18E-03	5.26E-03	9.29E-04	1.34E-08	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	5.26E-03
560	ALL	670299.6	4342854	NonCancer	9.58E-04	1.58E-03	9.36E-07	2.01E-04	9.16E-08	1.16E-03	4.31E-03	9.58E-04	1.49E-08	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	4.31E-03
561	ALL	670426.4	4342917	NonCancer	1.11E-03	1.83E-03	1.09E-06	2.35E-04	1.07E-07	1.35E-03	4.42E-03	1.11E-03	1.59E-08	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	4.42E-03
562	ALL	671174.9	4342280	NonCancer	5.27E-03	7.79E-03	3.73E-06	8.43E-04	3.91E-07	6.12E-03	1.94E-02	5.27E-03	2.78E-07	0.00E+00	0.00E+00	6.17E-04	0.00E+00	0.00E+00	1.94E-02
563	ALL	671068.4	4342170	NonCancer	5.16E-03	8.36E-03	4.85E-06	1.05E-03	4.76E-07	6.22E-03	2.42E-02	5.16E-03	3.51E-07	0.00E+00	0.00E+00	7.89E-04	0.00E+00	0.00E+00	2.42E-02
564	ALL	670965.7	4342179	NonCancer	2.76E-03	4.01E-03	1.84E-06	4.19E-04	1.95E-07	3.18E-03	1.25E-02	2.76E-03	2.27E-07	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	1.25E-02
565	ALL	670815.5	4342198	NonCancer	1.40E-03	1.97E-03	8.23E-07	1.92E-04	9.04E-08	1.60E-03	6.28E-03	1.40E-03	9.86E-08	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	6.28E-03
566	ALL	670737.6	4342098	NonCancer	9.77E-04	1.38E-03	5.91E-07	1.37E-04	6.44E-08	1.12E-03	4.73E-03	9.77E-04	8.17E-08	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	4.73E-03
567	ALL	670762.3	4342069	NonCancer	1.09E-03	1.51E-03	6.10E-07	1.44E-04	6.81E-08	1.23E-03	5.15E-03	1.09E-03	9.04E-08	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	5.15E-03
568	ALL	670817.4	4342041	NonCancer	1.33E-03	1.81E-03	6.88E-07	1.65E-04	7.90E-08	1.50E-03	6.23E-03	1.33E-03	1.19E-07	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	6.23E-03
569	ALL	670895.4	4342025	NonCancer	1.95E-03	2.60E-03	9.07E-07	2.23E-04	1.08E-07	2.18E-03	8.79E-03	1.95E-03	1.83E-07	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	8.79E-03
570	ALL	670979	4341915	NonCancer	2.06E-03	2.61E-03	7.63E-07	1.99E-04	9.69E-08	2.26E-03	9.92E-03	2.06E-03	2.36E-07	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	9.92E-03
571	ALL	671115.9	4341864	NonCancer	2.65E-03	3.15E-03	6.53E-07	1.95E-04	9.61E-08	2.84E-03	1.33E-02	2.65E-03	8.98E-07	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	1.33E-02
572	ALL	671199.6	4341771	NonCancer	1.22E-03	1.52E-03	4.14E-07	1.11E-04	5.42E-08	1.33E-03	1.14E-02	1.22E-03	7.72E-07	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	1.14E-02
573	ALL	671222.4	4341377	NonCancer	3.21E-04	4.11E-04	1.24E-07	3.20E-05	1.58E-08	3.53E-04	2.56E-03	3.21E-04	4.23E-08	0.00E+00	0.00E+00	2.95E-05	0.00E+00	0.00E+00	2.56E-03
574	ALL	671714.8	4341392	NonCancer	2.33E-04	3.25E-04	1.34E-07	3.15E-05	1.49E-08	2.64E-04	3.11E-03	2.33E-04	1.64E-08	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	3.11E-03
575	ALL	671366.9	4341999	NonCancer	3.91E-03	4.42E-03	5.91E-07	2.17E-04	1.13E-07	4.13E-03	5.25E-02	3.91E-03	8.08E-07	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	5.25E-02
576	ALL	671226.2	4342236	NonCancer	4.54E-03	5.98E-03	2.05E-06	5.07E-04	2.42E-07	5.05E-03	2.18E-02	4.54E-03	3.48E-07	0.00E+00	0.00E+00	3.82E-04	0.00E+00	0.00E+00	2.18E-02
577	ALL	669098.4	4343412	NonCancer	3.08E-02	7.16E-02	6.42E-05	1.29E-02	5.61E-06	4.37E-02	2.96E-01	3.08E-02	7.63E-08	0.00E+00	0.00E+00	9.23E-03	0.00E+00	0.00E+00	2.96E-01
578	ALL	668908.6	4343365	NonCancer	4.76E-02	1.11E-01	9.95E-05	1.99E-02	8.69E-06	6.76E-02	4.60E-01	4.76E-02	1.76E-08	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	4.60E-01
579	ALL	668851.5	4343360	NonCancer	4.43E-02	1.03E-01	9.27E-05	1.86E-02	8.10E-06	6.30E-02	4.28E-01	4.43E-02	1.13E-08	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	4.28E-01
580	ALL	668831.4	4343371	NonCancer	3.68E-02	8.58E-02	7.70E-05	1.54E-02	6.73E-06	5.24E-02	3.56E-01	3.68E-02	1.01E-08	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	3.56E-01
581	ALL	668733.9	4343302	NonCancer	5.06E-02	1.18E-01	1.06E-04	2.12E-02	9.24E-06	7.19E-02	4.89E-01	5.06E-02	6.69E-09	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	4.89E-01
582	ALL	668686.9	4343200	NonCancer	3.43E-02	7.99E-02	7.17E-05	1.44E-02	6.27E-06	4.88E-02	3.31E-01	3.43E-02	6.96E-09	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	3.31E-01
583	ALL	668671.8	4343089	NonCancer	1.27E-02	2.93E-02	2.63E-05	5.27E-03	2.30E-06	1.79E-02	1.21E-01	1.27E-02	6.66E-09	0.00E+00	0.00E+00	3.77E-03	0.00E+00	0.00E+00	1.21E-01
584	ALL	668806.2	4343002	NonCancer	1.28E-02	2.96E-02	2.65E-05	5.32E-03	2.32E-06	1.81E-02	1.23E-01	1.28E-02	6.23E-09	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	1.23E-01
585	ALL	668918.7	4343025	NonCancer	1.48E-02	3.42E-02	3.06E-05	6.14E-03	2.68E-06	2.09E-02	1.42E-01	1.47E-02	5.81E-09	0.00E+00	0.00E+00	4.40E-03	0.00E+00	0.00E+00	1.42E-01
586	ALL	669024.5	4342943	NonCancer	1.06E-02	2.46E-02	2.19E-05	4.40E-03	1.92E-06	1.50E-02	1.01E-01	1.06E-02	5.18E-09	0.00E+00	0.00E+00	3.15E-03	0.00E+00	0.00E+00	1.01E-01
587	ALL	669288.2	4342916	NonCancer	6.29E-03	1.45E-02	1.29E-05	2.58E-03	1.13E-06	8.88E-03	5.90E-02	6.29E-03	5.33E-09	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	5.90E-02
588	ALL	669333.6	4342923	NonCancer	5.37E-03	1.23E-02	1.09E-05	2.19E-03	9.57E-07	7.57E-03	5.00E-02	5.37E-03	5.44E-09	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	5.00E-02
589	ALL	669365.5	4342978	NonCancer	8.12E-03	1.87E-02	1.67E-05	3.34E-03	1.46E-06	1.15E-02	7.64E-02	8.12E-03	5.43E-09	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	7.64E-02
590	ALL	669337	4343151	NonCancer	2.04E-02	4.73E-02	4.23E-05	8.49E-03	3.70E-06	2.89E-02	1.94E-01	2.04E-02	5.24E-09	0.00E+00	0.00E+00	6.08E-03	0.00E+00	0.00E+00	1.94E-01
591	ALL	669303.4	4343304	NonCancer	2.06E-02	4.79E-02	4.29E-05	8.60E-03	3.75E-06	2.93E-02	1.88E-01	2.06E-02	5.59E-09	0.00E+00	0.00E+00	6.16E-03	0.00E+00	0.00E+00	1.88E-01
592	ALL	669222.7	4343235	NonCancer	6.50E-02	1.51E-01	1.36E-04	2.73E-02	1.19E-05	9.24E-02	6.24E-01	6.50E-02	6.27E-09	0.00E+00	0.00E+00	1.95E-02	0.00E+00	0.00E+00	6.24E-01
593	ALL	669135.4	4343306	NonCancer	6.75E-02	1.57E-01	1.41E-04	2.83E-02	1.23E-05	9.60E-02	6.51E-01	6.75E-02	3.24E-08	0.00E+00	0.00E+00	2.03E-02	0.00E+00	0.00E+00	6.51E-01

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISI	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		668148.8	4340781	2.92E-09	6YrCancerI	2.81E-09	7.63E-11	3.03E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		668370.1	4340781	3.43E-09	6YrCancerI	3.31E-09	9.10E-11	3.62E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		668591.4	4340781	4.00E-09	6YrCancerI	3.85E-09	1.07E-10	4.23E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		668812.7	4340781	4.64E-09	6YrCancerI	4.47E-09	1.22E-10	4.86E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		669034	4340781	5.49E-09	6YrCancerI	5.29E-09	1.44E-10	5.74E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		669255.3	4340781	6.56E-09	6YrCancerI	6.32E-09	1.73E-10	6.86E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		669476.7	4340781	7.70E-09	6YrCancerI	7.43E-09	1.97E-10	7.81E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		669698	4340781	9.22E-09	6YrCancerI	8.89E-09	2.30E-10	9.15E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		669919.3	4340781	1.16E-08	6YrCancerI	1.13E-08	2.70E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		670140.6	4340781	1.36E-08	6YrCancerI	1.32E-08	2.89E-10	1.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		670361.9	4340781	1.44E-08	6YrCancerI	1.40E-08	2.86E-10	1.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		670583.2	4340781	1.21E-08	6YrCancerI	1.17E-08	2.34E-10	9.31E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		670804.5	4340781	9.62E-09	6YrCancerI	9.36E-09	1.88E-10	7.46E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		671025.8	4340781	6.06E-09	6YrCancerI	5.89E-09	1.22E-10	4.85E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		671247.1	4340781	5.38E-09	6YrCancerI	5.23E-09	1.07E-10	4.26E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		671468.4	4340781	5.97E-09	6YrCancerI	5.80E-09	1.18E-10	4.67E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		671689.8	4340781	6.74E-09	6YrCancerI	6.56E-09	1.28E-10	5.09E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		671911.1	4340781	6.02E-09	6YrCancerI	5.86E-09	1.15E-10	4.55E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		672132.4	4340781	4.49E-09	6YrCancerI	4.37E-09	8.56E-11	3.40E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		672353.7	4340781	4.30E-09	6YrCancerI	4.19E-09	8.25E-11	3.28E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		672575	4340781	4.06E-09	6YrCancerI	3.95E-09	7.74E-11	3.08E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		668148.8	4340946	2.63E-09	6YrCancerI	2.53E-09	6.75E-11	2.68E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		668370.1	4340946	3.10E-09	6YrCancerI	2.98E-09	8.07E-11	3.21E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		668591.4	4340946	3.64E-09	6YrCancerI	3.51E-09	9.57E-11	3.80E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		668812.7	4340946	4.29E-09	6YrCancerI	4.14E-09	1.13E-10	4.48E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		669034	4340946	5.23E-09	6YrCancerI	5.04E-09	1.39E-10	5.53E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		669255.3	4340946	6.32E-09	6YrCancerI	6.09E-09	1.67E-10	6.65E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		669476.7	4340946	7.59E-09	6YrCancerI	7.32E-09	1.96E-10	7.78E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		669698	4340946	9.65E-09	6YrCancerI	9.30E-09	2.48E-10	9.85E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		669919.3	4340946	1.20E-08	6YrCancerI	1.15E-08	2.90E-10	1.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		670140.6	4340946	1.52E-08	6YrCancerI	1.47E-08	3.40E-10	1.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		670361.9	4340946	1.77E-08	6YrCancerI	1.71E-08	3.60E-10	1.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		670583.2	4340946	1.88E-08	6YrCancerI	1.83E-08	3.58E-10	1.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		670804.5	4340946	1.48E-08	6YrCancerI	1.45E-08	2.83E-10	1.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		671025.8	4340946	8.70E-09	6YrCancerI	8.46E-09	1.70E-10	6.77E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		671247.1	4340946	6.47E-09	6YrCancerI	6.29E-09	1.27E-10	5.06E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		671468.4	4340946	7.17E-09	6YrCancerI	6.97E-09	1.38E-10	5.50E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		671689.8	4340946	9.59E-09	6YrCancerI	9.34E-09	1.79E-10	7.13E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		671911.1	4340946	9.46E-09	6YrCancerI	9.22E-09	1.77E-10	7.02E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		672132.4	4340946	4.79E-09	6YrCancerI	4.66E-09	9.14E-11	3.63E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		672353.7	4340946	4.74E-09	6YrCancerI	4.62E-09	9.02E-11	3.58E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		672575	4340946	5.48E-09	6YrCancerI	5.34E-09	1.03E-10	4.09E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		668148.8	4341111	2.38E-09	6YrCancerI	2.30E-09	6.07E-11	2.41E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		668370.1	4341111	2.75E-09	6YrCancerI	2.65E-09	7.04E-11	2.80E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		668591.4	4341111	3.27E-09	6YrCancerI	3.15E-09	8.55E-11	3.40E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		668812.7	4341111	3.89E-09	6YrCancerI	3.75E-09	1.02E-10	4.07E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		669034	4341111	4.73E-09	6YrCancerI	4.55E-09	1.25E-10	4.98E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		669255.3	4341111	5.71E-09	6YrCancerI	5.50E-09	1.50E-10	5.95E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		669476.7	4341111	7.20E-09	6YrCancerI	6.93E-09	1.89E-10	7.52E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		669698	4341111	9.34E-09	6YrCancerI	9.00E-09	2.46E-10	9.79E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		669919.3	4341111	1.19E-08	6YrCancerI	1.14E-08	3.04E-10	1.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		670140.6	4341111	1.50E-08	6YrCancerI	1.45E-08	3.61E-10	1.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		670361.9	4341111	1.77E-08	6YrCancerI	1.71E-08	3.91E-10	1.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		670583.2	4341111	2.01E-08	6YrCancerI	1.95E-08	3.96E-10	1.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		670804.5	4341111	1.90E-08	6YrCancerI	1.85E-08	3.60E-10	1.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		671025.8	4341111	1.29E-08	6YrCancerI	1.25E-08	2.46E-10	9.76E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		671247.1	4341111	9.79E-09	6YrCancerI	9.53E-09	1.88E-10	7.46E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		671468.4	4341111	1.08E-08	6YrCancerI	1.06E-08	2.03E-10	8.08E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		671689.8	4341111	1.59E-08	6YrCancerI	1.55E-08	2.93E-10	1.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		671911.1	4341111	1.27E-08	6YrCancerI	1.24E-08	2.35E-10	9.32E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		672132.4	4341111	6.48E-09	6YrCancerI	6.31E-09	1.22E-10	4.83E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		672353.7	4341111	5.99E-09	6YrCancerI	5.83E-09	1.12E-10	4.45E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		672575	4341111	7.60E-09	6YrCancerI	7.40E-09	1.41E-10	5.61E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		668148.8	4341276	2.20E-09	6YrCancerI	2.12E-09	5.54E-11	2.20E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL		668370.1	4341276	2.51E-09	6YrCancerI	2.42E-09	6.40E-11	2.54E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL		668591.4	4341276	2.94E-09	6YrCancerI	2.83E-09	7.62E-11	3.03E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL		668812.7	4341276	3.51E-09	6YrCancerI	3.38E-09	9.28E-11	3.69E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		669034	4341276	4.32E-09	6YrCancerI	4.16E-09	1.18E-10	4.69E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		669255.3	4341276	5.22E-09	6YrCancerI	5.02E-09	1.41E-10	5.59E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		669476.7	4341276	6.44E-09	6YrCancerI	6.20E-09	1.71E-10	6.80E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL		669698	4341276	8.33E-09	6YrCancerI	8.02E-09	2.23E-10	8.84E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL		669919.3	4341276	1.11E-08	6YrCancerI	1.07E-08	2.91E-10	1.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		670140.6	4341276	1.25E-08	6YrCancerI	1.20E-08	3.40E-10	1.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL		670361.9	4341276	1.56E-08	6YrCancerI	1.51E-08	3.96E-10	1.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL		670583.2	4341276	1.80E-08	6YrCancerI	1.74E-08	3.90E-10	1.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL		670804.5	4341276	2.37E-08	6YrCancerI	2.31E-08	4.45E-10	1.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		671025.8	4341276	2.36E-08	6YrCancerI	2.30E-08	4.38E-10	1.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL		671247.1	4341276	2.01E-08	6YrCancerI	1.96E-08	3.72E-10	1.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL		671468.4	4341276	2.98E-08	6YrCancerI	2.90E-08	5.37E-10	2.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL		671689.8	4341276	3.05E-08	6YrCancerI	2.97E-08	5.51E-10	2.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		671911.1	4341276	1.88E-08	6YrCancerI	1.83E-08	3.44E-10	1.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		672132.4	4341276	1.11E-08	6YrCancerI	1.08E-08	2.04E-10	8.09E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		672353.7	4341276	8.40E-09	6YrCancerI	8.18E-09	1.55E-10	6.17E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL		672575	4341276	9.65E-09	6YrCancerI	9.40E-09	1.79E-10	7.10E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		668148.8	4341441	2.09E-09	6YrCancerI	2.01E-09	5.14E-11	2.04E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL		668370.1	4341441	2.36E-09	6YrCancerI	2.28E-09	5.91E-11	2.35E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL		668591.4	4341441	2.71E-09	6YrCancerI	2.62E-09	6.90E-11	2.74E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL		668812.7	4341441	3.22E-09	6YrCancerI	3.10E-09	8.43E-11	3.35E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL		669034	4341441	3.87E-09	6YrCancerI	3.72E-09	1.04E-10	4.13E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL		669255.3	4341441	4.56E-09	6YrCancerI	4.39E-09	1.20E-10	4.76E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

91	ALL	669476.7	4341441	5.66E-09	6YrCancerI	5.45E-09	1.51E-10	5.98E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	669698	4341441	7.33E-09	6YrCancerI	7.05E-09	1.99E-10	7.91E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	669919.3	4341441	8.03E-09	6YrCancerI	7.70E-09	2.32E-10	9.22E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	670140.6	4341441	9.56E-09	6YrCancerI	9.15E-09	2.96E-10	1.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	670361.9	4341441	1.30E-08	6YrCancerI	1.25E-08	3.95E-10	1.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	670583.2	4341441	1.59E-08	6YrCancerI	1.53E-08	4.21E-10	1.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	670804.5	4341441	2.69E-08	6YrCancerI	2.62E-08	5.30E-10	2.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	671025.8	4341441	3.87E-08	6YrCancerI	3.77E-08	7.08E-10	2.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	671689.8	4341441	8.59E-08	6YrCancerI	8.38E-08	1.52E-09	6.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	671911.1	4341441	3.70E-08	6YrCancerI	3.61E-08	6.69E-10	2.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	672132.4	4341441	1.86E-08	6YrCancerI	1.81E-08	3.40E-10	1.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	672353.7	4341441	1.36E-08	6YrCancerI	1.32E-08	2.51E-10	9.95E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	672575	4341441	1.38E-08	6YrCancerI	1.34E-08	2.54E-10	1.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	668148.8	4341606	2.08E-09	6YrCancerI	2.00E-09	5.03E-11	2.00E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	668370.1	4341606	2.31E-09	6YrCancerI	2.23E-09	5.74E-11	2.28E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	668591.4	4341606	2.62E-09	6YrCancerI	2.53E-09	6.59E-11	2.62E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	668812.7	4341606	3.03E-09	6YrCancerI	2.92E-09	7.69E-11	3.05E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	669034	4341606	3.52E-09	6YrCancerI	3.40E-09	8.94E-11	3.55E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	669255.3	4341606	4.19E-09	6YrCancerI	4.04E-09	1.06E-10	4.23E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	669476.7	4341606	5.12E-09	6YrCancerI	4.94E-09	1.32E-10	5.26E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	669698	4341606	6.04E-09	6YrCancerI	5.81E-09	1.61E-10	6.39E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	669919.3	4341606	6.27E-09	6YrCancerI	6.02E-09	1.82E-10	7.22E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	670140.6	4341606	7.89E-09	6YrCancerI	7.54E-09	2.49E-10	9.92E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	670361.9	4341606	1.01E-08	6YrCancerI	9.60E-09	3.49E-10	1.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	670583.2	4341606	1.44E-08	6YrCancerI	1.37E-08	4.88E-10	1.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	670804.5	4341606	2.63E-08	6YrCancerI	2.54E-08	6.34E-10	2.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	671025.8	4341606	4.49E-08	6YrCancerI	4.38E-08	8.00E-10	3.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	671689.8	4341606	2.13E-07	6YrCancerI	2.08E-07	3.80E-09	1.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	671911.1	4341606	6.43E-08	6YrCancerI	6.27E-08	1.16E-09	4.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	672132.4	4341606	2.96E-08	6YrCancerI	2.88E-08	5.41E-10	2.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	672353.7	4341606	1.81E-08	6YrCancerI	1.77E-08	3.35E-10	1.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	672575	4341606	1.55E-08	6YrCancerI	1.51E-08	2.88E-10	1.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	668148.8	4341771	2.06E-09	6YrCancerI	1.99E-09	4.75E-11	1.89E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	668370.1	4341771	2.29E-09	6YrCancerI	2.21E-09	5.54E-11	2.20E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	668591.4	4341771	2.54E-09	6YrCancerI	2.46E-09	6.12E-11	2.43E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	668812.7	4341771	2.91E-09	6YrCancerI	2.81E-09	7.08E-11	2.81E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	669034	4341771	3.39E-09	6YrCancerI	3.27E-09	8.35E-11	3.32E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	669255.3	4341771	4.05E-09	6YrCancerI	3.91E-09	1.02E-10	4.04E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	669476.7	4341771	4.70E-09	6YrCancerI	4.53E-09	1.16E-10	4.60E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	669698	4341771	5.20E-09	6YrCancerI	5.01E-09	1.29E-10	5.14E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	669919.3	4341771	5.40E-09	6YrCancerI	5.20E-09	1.46E-10	5.79E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	670140.6	4341771	6.36E-09	6YrCancerI	6.10E-09	1.86E-10	7.39E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	670361.9	4341771	7.67E-09	6YrCancerI	7.31E-09	2.52E-10	1.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	670583.2	4341771	1.46E-08	6YrCancerI	1.38E-08	5.08E-10	2.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	670804.5	4341771	3.24E-08	6YrCancerI	3.11E-08	9.17E-10	3.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	671025.8	4341771	6.82E-08	6YrCancerI	6.63E-08	1.31E-09	5.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	671689.8	4341771	1.76E-07	6YrCancerI	1.71E-07	3.14E-09	1.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	671911.1	4341771	6.66E-08	6YrCancerI	6.49E-08	1.21E-09	4.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	672132.4	4341771	2.78E-08	6YrCancerI	2.71E-08	5.13E-10	2.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	672353.7	4341771	1.62E-08	6YrCancerI	1.57E-08	3.00E-10	1.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	672575	4341771	1.54E-08	6YrCancerI	1.50E-08	2.87E-10	1.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	668148.8	4341936	2.01E-09	6YrCancerI	1.95E-09	4.50E-11	1.79E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	668370.1	4341936	2.26E-09	6YrCancerI	2.18E-09	5.10E-11	2.03E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	668591.4	4341936	2.51E-09	6YrCancerI	2.43E-09	5.88E-11	2.34E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	668812.7	4341936	2.85E-09	6YrCancerI	2.76E-09	6.85E-11	2.72E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	669034	4341936	3.32E-09	6YrCancerI	3.21E-09	8.08E-11	3.21E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	669255.3	4341936	3.77E-09	6YrCancerI	3.64E-09	9.03E-11	3.59E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	669476.7	4341936	4.01E-09	6YrCancerI	3.87E-09	9.66E-11	3.84E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	669698	4341936	3.73E-09	6YrCancerI	3.60E-09	9.73E-11	3.87E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	669919.3	4341936	3.79E-09	6YrCancerI	3.64E-09	1.05E-10	4.18E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	670140.6	4341936	4.70E-09	6YrCancerI	4.51E-09	1.33E-10	5.29E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	670361.9	4341936	6.71E-09	6YrCancerI	6.45E-09	1.89E-10	7.51E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	670583.2	4341936	1.47E-08	6YrCancerI	1.41E-08	3.84E-10	1.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	670804.5	4341936	4.31E-08	6YrCancerI	4.16E-08	1.06E-09	4.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	671468.4	4341936	3.77E-07	6YrCancerI	3.68E-07	6.74E-09	2.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	671689.8	4341936	1.07E-07	6YrCancerI	1.05E-07	1.96E-09	7.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	671911.1	4341936	4.97E-08	6YrCancerI	4.84E-08	9.20E-10	3.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	672132.4	4341936	2.36E-08	6YrCancerI	2.30E-08	4.43E-10	1.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	672353.7	4341936	1.40E-08	6YrCancerI	1.36E-08	2.64E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	672575	4341936	1.35E-08	6YrCancerI	1.32E-08	2.55E-10	1.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	668148.8	4342101	2.05E-09	6YrCancerI	1.98E-09	4.43E-11	1.76E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	668370.1	4342101	2.29E-09	6YrCancerI	2.22E-09	5.07E-11	2.01E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	668591.4	4342101	2.51E-09	6YrCancerI	2.43E-09	5.86E-11	2.33E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	668812.7	4342101	2.82E-09	6YrCancerI	2.72E-09	6.65E-11	2.64E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	669034	4342101	3.26E-09	6YrCancerI	3.15E-09	7.82E-11	3.10E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	669255.3	4342101	3.63E-09	6YrCancerI	3.50E-09	8.70E-11	3.46E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	669476.7	4342101	3.75E-09	6YrCancerI	3.62E-09	8.87E-11	3.52E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	669698	4342101	4.10E-09	6YrCancerI	3.96E-09	9.92E-11	3.94E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	669919.3	4342101	4.97E-09	6YrCancerI	4.80E-09	1.21E-10	4.81E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	670140.6	4342101	5.74E-09	6YrCancerI	5.54E-09	1.43E-10	5.70E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	670361.9	4342101	1.26E-08	6YrCancerI	1.22E-08	2.80E-10	1.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	670583.2	4342101	2.16E-08	6YrCancerI	2.10E-08	4.70E-10	1.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	671468.4	4342101	1.59E-07	6YrCancerI	1.55E-07	2.98E-09	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	671689.8	4342101	6.98E-08	6YrCancerI	6.79E-08	1.31E-09	5.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	671911.1	4342101	3.71E-08	6YrCancerI	3.61E-08	7.04E-10	2.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	672132.4	4342101	2.10E-08	6YrCancerI	2.04E-08	4.00E-10	1.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	672353.7	4342101	1.30E-08	6YrCancerI	1.27E-08	2.49E-10	9.89E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	672575	4342101	1.23E-08	6YrCancerI	1.19E-08	2.33E-10	9.24E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	668148.8	4342266	2.14E-09	6YrCancerI	2.08E-09	4.45E-11	1.77E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	668370.1	4342266	2.37E-09	6YrCancerI	2.30E-09	5.10E-11	2.03E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	668591.4	4342266	2.59E-09	6YrCancerI	2.52E-09	5.61E-11	2.23E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

182	ALL	668812.7	4342266	2.87E-09	6YrCancerI	2.78E-09	6.43E-11	2.56E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	669034	4342266	3.27E-09	6YrCancerI	3.16E-09	7.42E-11	2.95E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	669255.3	4342266	3.86E-09	6YrCancerI	3.74E-09	8.96E-11	3.56E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	669476.7	4342266	4.67E-09	6YrCancerI	4.52E-09	1.09E-10	4.34E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	669698	4342266	5.74E-09	6YrCancerI	5.54E-09	1.37E-10	5.45E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	669919.3	4342266	7.43E-09	6YrCancerI	7.18E-09	1.76E-10	6.97E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	670140.6	4342266	9.67E-09	6YrCancerI	9.36E-09	2.20E-10	8.75E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	670361.9	4342266	1.41E-08	6YrCancerI	1.37E-08	3.20E-10	1.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	670583.2	4342266	2.17E-08	6YrCancerI	2.10E-08	4.90E-10	1.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	670804.5	4342266	3.82E-08	6YrCancerI	3.70E-08	8.62E-10	3.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	671025.8	4342266	6.83E-08	6YrCancerI	6.60E-08	1.69E-09	6.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	671247.1	4342266	1.24E-07	6YrCancerI	1.20E-07	2.65E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	671468.4	4342266	9.96E-08	6YrCancerI	9.70E-08	1.89E-09	7.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	671689.8	4342266	5.33E-08	6YrCancerI	5.19E-08	1.02E-09	4.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	671911.1	4342266	2.84E-08	6YrCancerI	2.77E-08	5.50E-10	2.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	672132.4	4342266	1.87E-08	6YrCancerI	1.82E-08	3.62E-10	1.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	672353.7	4342266	1.28E-08	6YrCancerI	1.25E-08	2.48E-10	9.84E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	672575	4342266	1.17E-08	6YrCancerI	1.14E-08	2.24E-10	8.90E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	668148.8	4342431	2.11E-09	6YrCancerI	2.05E-09	4.43E-11	1.76E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	668370.1	4342431	2.50E-09	6YrCancerI	2.43E-09	5.10E-11	2.02E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	668591.4	4342431	2.78E-09	6YrCancerI	2.70E-09	5.64E-11	2.24E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	668812.7	4342431	3.19E-09	6YrCancerI	3.10E-09	6.44E-11	2.56E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	669034	4342431	3.67E-09	6YrCancerI	3.56E-09	7.44E-11	2.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	669255.3	4342431	4.18E-09	6YrCancerI	4.06E-09	8.79E-11	3.49E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	669476.7	4342431	4.83E-09	6YrCancerI	4.68E-09	1.09E-10	4.31E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	669698	4342431	5.90E-09	6YrCancerI	5.71E-09	1.34E-10	5.31E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	669919.3	4342431	7.58E-09	6YrCancerI	7.33E-09	1.75E-10	6.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	670140.6	4342431	9.93E-09	6YrCancerI	9.61E-09	2.32E-10	9.19E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	670361.9	4342431	1.39E-08	6YrCancerI	1.35E-08	3.22E-10	1.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	670583.2	4342431	2.13E-08	6YrCancerI	2.06E-08	4.97E-10	1.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	670804.5	4342431	3.59E-08	6YrCancerI	3.47E-08	8.97E-10	3.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	671025.8	4342431	5.50E-08	6YrCancerI	5.31E-08	1.34E-09	5.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	671247.1	4342431	6.83E-08	6YrCancerI	6.62E-08	1.49E-09	5.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	671468.4	4342431	6.36E-08	6YrCancerI	6.19E-08	1.23E-09	4.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	671689.8	4342431	3.94E-08	6YrCancerI	3.84E-08	7.53E-10	2.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	671911.1	4342431	2.27E-08	6YrCancerI	2.21E-08	4.40E-10	1.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	672132.4	4342431	1.56E-08	6YrCancerI	1.52E-08	3.04E-10	1.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	672353.7	4342431	1.35E-08	6YrCancerI	1.31E-08	2.59E-10	1.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	672575	4342431	1.06E-08	6YrCancerI	1.03E-08	2.05E-10	8.15E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	668148.8	4342596	2.28E-09	6YrCancerI	2.21E-09	4.66E-11	1.85E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	668370.1	4342596	2.66E-09	6YrCancerI	2.59E-09	5.22E-11	2.08E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	668591.4	4342596	3.16E-09	6YrCancerI	3.07E-09	5.96E-11	2.37E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	668812.7	4342596	3.75E-09	6YrCancerI	3.66E-09	6.88E-11	2.73E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	669034	4342596	4.34E-09	6YrCancerI	4.23E-09	7.98E-11	3.17E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	669255.3	4342596	4.76E-09	6YrCancerI	4.63E-09	9.40E-11	3.73E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	669476.7	4342596	5.26E-09	6YrCancerI	5.11E-09	1.11E-10	4.42E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	669698	4342596	6.09E-09	6YrCancerI	5.89E-09	1.41E-10	5.59E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	669919.3	4342596	7.43E-09	6YrCancerI	7.19E-09	1.72E-10	6.83E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	670140.6	4342596	1.00E-08	6YrCancerI	9.69E-09	2.36E-10	9.36E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	670361.9	4342596	1.43E-08	6YrCancerI	1.38E-08	3.52E-10	1.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	670583.2	4342596	1.76E-08	6YrCancerI	1.70E-08	4.49E-10	1.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	670804.5	4342596	2.69E-08	6YrCancerI	2.59E-08	6.75E-10	2.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	671025.8	4342596	4.10E-08	6YrCancerI	3.97E-08	9.74E-10	3.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	671247.1	4342596	4.98E-08	6YrCancerI	4.83E-08	1.08E-09	4.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	671468.4	4342596	4.27E-08	6YrCancerI	4.15E-08	8.41E-10	3.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	671689.8	4342596	2.86E-08	6YrCancerI	2.78E-08	5.46E-10	2.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	671911.1	4342596	1.76E-08	6YrCancerI	1.71E-08	3.40E-10	1.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	672132.4	4342596	1.26E-08	6YrCancerI	1.22E-08	2.46E-10	9.76E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	672353.7	4342596	1.12E-08	6YrCancerI	1.09E-08	2.16E-10	8.57E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	672575	4342596	9.43E-09	6YrCancerI	9.17E-09	1.83E-10	7.26E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	668148.8	4342761	2.52E-09	6YrCancerI	2.45E-09	5.01E-11	1.99E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	668370.1	4342761	3.20E-09	6YrCancerI	3.12E-09	5.69E-11	2.26E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	668591.4	4342761	3.84E-09	6YrCancerI	3.75E-09	6.39E-11	2.54E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	668812.7	4342761	4.77E-09	6YrCancerI	4.67E-09	7.36E-11	2.93E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	669034	4342761	5.14E-09	6YrCancerI	5.02E-09	8.59E-11	3.41E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	669255.3	4342761	5.27E-09	6YrCancerI	5.13E-09	9.96E-11	3.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	669476.7	4342761	5.59E-09	6YrCancerI	5.43E-09	1.14E-10	4.53E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	669698	4342761	6.36E-09	6YrCancerI	6.15E-09	1.49E-10	5.92E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	669919.3	4342761	7.80E-09	6YrCancerI	7.54E-09	1.86E-10	7.38E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	670140.6	4342761	9.92E-09	6YrCancerI	9.59E-09	2.38E-10	9.47E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	670361.9	4342761	1.40E-08	6YrCancerI	1.35E-08	3.44E-10	1.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	670583.2	4342761	1.59E-08	6YrCancerI	1.54E-08	4.10E-10	1.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	670804.5	4342761	2.15E-08	6YrCancerI	2.08E-08	5.35E-10	2.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	671025.8	4342761	2.95E-08	6YrCancerI	2.86E-08	6.86E-10	2.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	671247.1	4342761	3.39E-08	6YrCancerI	3.29E-08	7.32E-10	2.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	671468.4	4342761	3.13E-08	6YrCancerI	3.05E-08	6.29E-10	2.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	671689.8	4342761	2.33E-08	6YrCancerI	2.27E-08	4.49E-10	1.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	671911.1	4342761	1.44E-08	6YrCancerI	1.40E-08	2.78E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	672132.4	4342761	1.04E-08	6YrCancerI	1.01E-08	2.03E-10	8.08E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	672353.7	4342761	9.23E-09	6YrCancerI	8.98E-09	1.80E-10	7.13E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	672575	4342761	7.68E-09	6YrCancerI	7.47E-09	1.49E-10	5.91E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	668148.8	4342926	2.69E-09	6YrCancerI	2.62E-09	5.29E-11	2.10E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	668370.1	4342926	3.53E-09	6YrCancerI	3.45E-09	5.95E-11	2.37E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	668591.4	4342926	5.10E-09	6YrCancerI	5.00E-09	6.77E-11	2.69E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	668812.7	4342926	7.06E-09	6YrCancerI	6.96E-09	7.57E-11	3.01E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	669034	4342926	1.08E-08	6YrCancerI	1.07E-08	8.57E-11	3.40E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	669476.7	4342926	6.19E-09	6YrCancerI	6.03E-09	1.14E-10	4.55E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	669698	4342926	6.53E-09	6YrCancerI	6.32E-09	1.53E-10	6.06E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	669919.3	4342926	7.68E-09	6YrCancerI	7.42E-09	1.84E-10	7.32E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	670140.6	4342926	9.78E-09	6YrCancerI	9.45E-09	2.40E-10	9.55E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	670361.9	4342926	1.26E-08	6YrCancerI	1.21E-08	3.13E-10	1.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

273	ALL	670583.2	4342926	1.61E-08	6YrCancerI	1.56E-08	4.00E-10	1.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	670804.5	4342926	1.94E-08	6YrCancerI	1.87E-08	4.66E-10	1.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	671025.8	4342926	2.12E-08	6YrCancerI	2.05E-08	4.85E-10	1.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	671247.1	4342926	2.57E-08	6YrCancerI	2.49E-08	5.52E-10	2.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	671468.4	4342926	2.32E-08	6YrCancerI	2.26E-08	4.70E-10	1.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	671689.8	4342926	1.85E-08	6YrCancerI	1.80E-08	3.60E-10	1.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	671911.1	4342926	1.24E-08	6YrCancerI	1.20E-08	2.39E-10	9.50E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	672132.4	4342926	8.33E-09	6YrCancerI	8.11E-09	1.62E-10	6.43E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	672353.7	4342926	7.06E-09	6YrCancerI	6.87E-09	1.39E-10	5.51E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	672575	4342926	6.38E-09	6YrCancerI	6.20E-09	1.24E-10	4.94E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	668148.8	4343090	2.63E-09	6YrCancerI	2.56E-09	5.34E-11	2.12E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	668370.1	4343090	3.49E-09	6YrCancerI	3.41E-09	5.93E-11	2.36E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	668591.4	4343090	6.41E-09	6YrCancerI	6.32E-09	6.74E-11	2.68E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	669476.7	4343090	6.96E-09	6YrCancerI	6.80E-09	1.14E-10	4.51E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	669698	4343090	6.45E-09	6YrCancerI	6.25E-09	1.43E-10	5.68E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	669919.3	4343090	7.78E-09	6YrCancerI	7.51E-09	1.89E-10	7.51E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	670140.6	4343090	1.01E-08	6YrCancerI	9.71E-09	2.49E-10	9.89E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	670361.9	4343090	1.16E-08	6YrCancerI	1.12E-08	2.95E-10	1.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	670583.2	4343090	1.36E-08	6YrCancerI	1.31E-08	3.32E-10	1.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	670804.5	4343090	1.67E-08	6YrCancerI	1.61E-08	3.93E-10	1.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	671025.8	4343090	1.70E-08	6YrCancerI	1.64E-08	3.82E-10	1.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	671247.1	4343090	2.00E-08	6YrCancerI	1.94E-08	4.27E-10	1.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	671468.4	4343090	1.83E-08	6YrCancerI	1.78E-08	3.72E-10	1.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	671689.8	4343090	1.49E-08	6YrCancerI	1.45E-08	2.93E-10	1.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	671911.1	4343090	1.06E-08	6YrCancerI	1.03E-08	2.06E-10	8.19E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	672132.4	4343090	7.49E-09	6YrCancerI	7.29E-09	1.45E-10	5.78E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	672353.7	4343090	5.32E-09	6YrCancerI	5.18E-09	1.04E-10	4.13E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	672575	4343090	4.61E-09	6YrCancerI	4.48E-09	9.09E-11	3.61E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	668148.8	4343255	2.60E-09	6YrCancerI	2.52E-09	5.34E-11	2.12E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	668370.1	4343255	3.40E-09	6YrCancerI	3.32E-09	5.83E-11	2.32E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	668591.4	4343255	6.91E-09	6YrCancerI	6.82E-09	6.46E-11	2.57E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	669476.7	4343255	6.34E-09	6YrCancerI	6.18E-09	1.17E-10	4.67E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	669698	4343255	6.35E-09	6YrCancerI	6.15E-09	1.44E-10	5.73E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	669919.3	4343255	7.48E-09	6YrCancerI	7.23E-09	1.82E-10	7.22E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	670140.6	4343255	8.87E-09	6YrCancerI	8.57E-09	2.20E-10	8.74E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	670361.9	4343255	1.01E-08	6YrCancerI	9.77E-09	2.47E-10	9.84E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	670583.2	4343255	1.16E-08	6YrCancerI	1.12E-08	2.77E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	670804.5	4343255	1.42E-08	6YrCancerI	1.37E-08	3.31E-10	1.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	671025.8	4343255	1.41E-08	6YrCancerI	1.37E-08	3.14E-10	1.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	671247.1	4343255	1.58E-08	6YrCancerI	1.53E-08	3.35E-10	1.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	671468.4	4343255	1.50E-08	6YrCancerI	1.45E-08	3.06E-10	1.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	671689.8	4343255	1.23E-08	6YrCancerI	1.19E-08	2.43E-10	9.66E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	671911.1	4343255	9.19E-09	6YrCancerI	8.94E-09	1.79E-10	7.12E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	672132.4	4343255	6.66E-09	6YrCancerI	6.47E-09	1.29E-10	5.14E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	672353.7	4343255	4.93E-09	6YrCancerI	4.79E-09	9.61E-11	3.82E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	672575	4343255	3.69E-09	6YrCancerI	3.58E-09	7.22E-11	2.87E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	668148.8	4343420	2.58E-09	6YrCancerI	2.50E-09	5.31E-11	2.11E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	668370.1	4343420	3.32E-09	6YrCancerI	3.24E-09	5.73E-11	2.28E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	668591.4	4343420	5.67E-09	6YrCancerI	5.59E-09	6.25E-11	2.48E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	668812.7	4343420	1.20E-08	6YrCancerI	1.19E-08	7.08E-11	2.81E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	669034	4343420	1.44E-08	6YrCancerI	1.43E-08	8.11E-11	3.22E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	669255.3	4343420	9.14E-09	6YrCancerI	9.01E-09	9.52E-11	3.78E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	669476.7	4343420	6.42E-09	6YrCancerI	6.26E-09	1.13E-10	4.51E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	669698	4343420	6.17E-09	6YrCancerI	5.97E-09	1.44E-10	5.71E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	669919.3	4343420	7.03E-09	6YrCancerI	6.80E-09	1.70E-10	6.74E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	670140.6	4343420	7.85E-09	6YrCancerI	7.59E-09	1.89E-10	7.52E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	670361.9	4343420	8.83E-09	6YrCancerI	8.53E-09	2.12E-10	8.42E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	670583.2	4343420	1.01E-08	6YrCancerI	9.81E-09	2.38E-10	9.46E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	670804.5	4343420	1.22E-08	6YrCancerI	1.18E-08	2.80E-10	1.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	671025.8	4343420	1.29E-08	6YrCancerI	1.25E-08	2.85E-10	1.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	671247.1	4343420	1.38E-08	6YrCancerI	1.34E-08	2.93E-10	1.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	671468.4	4343420	1.22E-08	6YrCancerI	1.19E-08	2.50E-10	9.95E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	671689.8	4343420	1.04E-08	6YrCancerI	1.01E-08	2.08E-10	8.25E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	671911.1	4343420	8.08E-09	6YrCancerI	7.86E-09	1.58E-10	6.29E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	672132.4	4343420	5.89E-09	6YrCancerI	5.72E-09	1.15E-10	4.56E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	672353.7	4343420	4.41E-09	6YrCancerI	4.29E-09	8.60E-11	3.42E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	672575	4343420	3.39E-09	6YrCancerI	3.30E-09	6.63E-11	2.63E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	668148.8	4343585	2.62E-09	6YrCancerI	2.54E-09	5.31E-11	2.11E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	668370.1	4343585	3.40E-09	6YrCancerI	3.31E-09	5.78E-11	2.30E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	668591.4	4343585	4.92E-09	6YrCancerI	4.83E-09	6.28E-11	2.49E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	668812.7	4343585	8.01E-09	6YrCancerI	7.91E-09	7.22E-11	2.87E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	669034	4343585	8.64E-09	6YrCancerI	8.53E-09	8.40E-11	3.34E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	669255.3	4343585	6.68E-09	6YrCancerI	6.54E-09	9.79E-11	3.89E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	669476.7	4343585	5.65E-09	6YrCancerI	5.49E-09	1.15E-10	4.57E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	669698	4343585	5.89E-09	6YrCancerI	5.71E-09	1.32E-10	5.25E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	669919.3	4343585	6.42E-09	6YrCancerI	6.21E-09	1.51E-10	6.02E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	670140.6	4343585	7.05E-09	6YrCancerI	6.82E-09	1.69E-10	6.70E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	670361.9	4343585	7.84E-09	6YrCancerI	7.58E-09	1.86E-10	7.40E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	670583.2	4343585	8.99E-09	6YrCancerI	8.69E-09	2.08E-10	8.28E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	670804.5	4343585	1.05E-08	6YrCancerI	1.01E-08	2.36E-10	9.37E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	671025.8	4343585	1.20E-08	6YrCancerI	1.16E-08	2.62E-10	1.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	671247.1	4343585	1.17E-08	6YrCancerI	1.13E-08	2.47E-10	9.82E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	671468.4	4343585	1.06E-08	6YrCancerI	1.03E-08	2.20E-10	8.72E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	671689.8	4343585	9.37E-09	6YrCancerI	9.10E-09	1.89E-10	7.49E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	671911.1	4343585	7.38E-09	6YrCancerI	7.17E-09	1.46E-10	5.79E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	672132.4	4343585	5.49E-09	6YrCancerI	5.34E-09	1.08E-10	4.29E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	672353.7	4343585	4.11E-09	6YrCancerI	3.99E-09	8.04E-11	3.19E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	672575	4343585	3.18E-09	6YrCancerI	3.09E-09	6.22E-11	2.47E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	668148.8	4343750	2.65E-09	6YrCancerI	2.58E-09	5.22E-11	2.07E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	668370.1	4343750	3.29E-09	6YrCancerI	3.21E-09	5.89E-11	2.34E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	668591.4	4343750	4.60E-09	6YrCancerI	4.51E-09	6.54E-11	2.60E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

364	ALL	668812.7	4343750	6.10E-09	6YrCancerI	6.00E-09	7.36E-11	2.92E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	669034	4343750	6.33E-09	6YrCancerI	6.21E-09	8.81E-11	3.50E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	669255.3	4343750	5.71E-09	6YrCancerI	5.56E-09	1.01E-10	4.02E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	669476.7	4343750	5.33E-09	6YrCancerI	5.17E-09	1.13E-10	4.50E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	669698	4343750	5.53E-09	6YrCancerI	5.35E-09	1.27E-10	5.05E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	669919.3	4343750	5.92E-09	6YrCancerI	5.73E-09	1.40E-10	5.56E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	670140.6	4343750	6.40E-09	6YrCancerI	6.18E-09	1.52E-10	6.05E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	670361.9	4343750	7.11E-09	6YrCancerI	6.88E-09	1.68E-10	6.67E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	670583.2	4343750	7.99E-09	6YrCancerI	7.73E-09	1.83E-10	7.29E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	670804.5	4343750	9.10E-09	6YrCancerI	8.82E-09	2.03E-10	8.05E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	671025.8	4343750	1.03E-08	6YrCancerI	9.95E-09	2.22E-10	8.80E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	671247.1	4343750	1.09E-08	6YrCancerI	1.06E-08	2.30E-10	9.13E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	671468.4	4343750	1.02E-08	6YrCancerI	9.87E-09	2.10E-10	8.35E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	671689.8	4343750	9.33E-09	6YrCancerI	9.06E-09	1.89E-10	7.51E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	671911.1	4343750	7.43E-09	6YrCancerI	7.22E-09	1.49E-10	5.92E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	672132.4	4343750	5.39E-09	6YrCancerI	5.24E-09	1.07E-10	4.25E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	672353.7	4343750	3.95E-09	6YrCancerI	3.84E-09	7.77E-11	3.09E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	672575	4343750	3.08E-09	6YrCancerI	3.00E-09	6.06E-11	2.41E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	668148.8	4343915	2.62E-09	6YrCancerI	2.55E-09	5.15E-11	2.05E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	668370.1	4343915	3.25E-09	6YrCancerI	3.16E-09	5.90E-11	2.34E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	668591.4	4343915	4.13E-09	6YrCancerI	4.04E-09	6.77E-11	2.69E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	668812.7	4343915	5.06E-09	6YrCancerI	4.95E-09	7.62E-11	3.03E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	669034	4343915	5.36E-09	6YrCancerI	5.24E-09	8.90E-11	3.54E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	669255.3	4343915	5.18E-09	6YrCancerI	5.03E-09	1.02E-10	4.05E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	669476.7	4343915	5.07E-09	6YrCancerI	4.91E-09	1.12E-10	4.45E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	669698	4343915	5.18E-09	6YrCancerI	5.01E-09	1.20E-10	4.78E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	669919.3	4343915	5.43E-09	6YrCancerI	5.25E-09	1.28E-10	5.11E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	670140.6	4343915	5.84E-09	6YrCancerI	5.65E-09	1.39E-10	5.51E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	670361.9	4343915	6.42E-09	6YrCancerI	6.21E-09	1.50E-10	5.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	670583.2	4343915	7.19E-09	6YrCancerI	6.96E-09	1.64E-10	6.52E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	670804.5	4343915	8.08E-09	6YrCancerI	7.83E-09	1.79E-10	7.13E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	671025.8	4343915	8.98E-09	6YrCancerI	8.71E-09	1.94E-10	7.72E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	671247.1	4343915	9.31E-09	6YrCancerI	9.04E-09	1.96E-10	7.77E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	671468.4	4343915	8.69E-09	6YrCancerI	8.44E-09	1.80E-10	7.16E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	671689.8	4343915	7.87E-09	6YrCancerI	7.65E-09	1.60E-10	6.36E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	671911.1	4343915	6.56E-09	6YrCancerI	6.37E-09	1.32E-10	5.25E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	672132.4	4343915	5.23E-09	6YrCancerI	5.08E-09	1.05E-10	4.17E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	672353.7	4343915	4.10E-09	6YrCancerI	3.98E-09	8.14E-11	3.23E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	672575	4343915	3.18E-09	6YrCancerI	3.10E-09	6.30E-11	2.50E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	668148.8	4344080	2.63E-09	6YrCancerI	2.55E-09	5.23E-11	2.08E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	668370.1	4344080	3.16E-09	6YrCancerI	3.08E-09	5.89E-11	2.34E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	668591.4	4344080	3.83E-09	6YrCancerI	3.73E-09	6.75E-11	2.68E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	668812.7	4344080	4.47E-09	6YrCancerI	4.36E-09	7.74E-11	3.08E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	669034	4344080	4.78E-09	6YrCancerI	4.66E-09	8.88E-11	3.53E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	669255.3	4344080	4.80E-09	6YrCancerI	4.66E-09	1.00E-10	3.98E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	669476.7	4344080	4.74E-09	6YrCancerI	4.60E-09	1.06E-10	4.20E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	669698	4344080	4.82E-09	6YrCancerI	4.66E-09	1.12E-10	4.46E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	669919.3	4344080	5.01E-09	6YrCancerI	4.84E-09	1.19E-10	4.72E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	670140.6	4344080	5.43E-09	6YrCancerI	5.24E-09	1.30E-10	5.16E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	670361.9	4344080	5.84E-09	6YrCancerI	5.65E-09	1.35E-10	5.38E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	670583.2	4344080	6.48E-09	6YrCancerI	6.27E-09	1.47E-10	5.84E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	670804.5	4344080	7.25E-09	6YrCancerI	7.02E-09	1.61E-10	6.40E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	671025.8	4344080	7.74E-09	6YrCancerI	7.51E-09	1.67E-10	6.62E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	671247.1	4344080	8.15E-09	6YrCancerI	7.91E-09	1.72E-10	6.82E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	671468.4	4344080	7.84E-09	6YrCancerI	7.62E-09	1.63E-10	6.47E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	671689.8	4344080	6.67E-09	6YrCancerI	6.48E-09	1.36E-10	5.41E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	671911.1	4344080	5.50E-09	6YrCancerI	5.34E-09	1.11E-10	4.39E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	672132.4	4344080	4.43E-09	6YrCancerI	4.30E-09	8.82E-11	3.50E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	672353.7	4344080	3.53E-09	6YrCancerI	3.43E-09	7.02E-11	2.79E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	672575	4344080	2.84E-09	6YrCancerI	2.76E-09	5.63E-11	2.24E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	671464.7	4342094	1.66E-07	6YrCancerI	1.62E-07	3.12E-09	1.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	671482.2	4342064	1.78E-07	6YrCancerI	1.74E-07	3.32E-09	1.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	671498.6	4342030	1.91E-07	6YrCancerI	1.86E-07	3.52E-09	1.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	671513.8	4341992	2.10E-07	6YrCancerI	2.04E-07	3.82E-09	1.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	671541.8	4341965	2.01E-07	6YrCancerI	1.96E-07	3.64E-09	1.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	671575.6	4341974	1.56E-07	6YrCancerI	1.52E-07	2.84E-09	1.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	671460.8	4342163	1.31E-07	6YrCancerI	1.28E-07	2.48E-09	9.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	671451	4342187	1.25E-07	6YrCancerI	1.22E-07	2.37E-09	9.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	671510.7	4342220	9.94E-08	6YrCancerI	9.68E-08	1.88E-09	7.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	671524.1	4342193	1.01E-07	6YrCancerI	9.84E-08	1.91E-09	7.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	671522.9	4342251	9.00E-08	6YrCancerI	8.76E-08	1.70E-09	6.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	671599.1	4342253	7.18E-08	6YrCancerI	6.99E-08	1.36E-09	5.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	671627.8	4342257	6.53E-08	6YrCancerI	6.36E-08	1.24E-09	4.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	671583.9	4342116	9.37E-08	6YrCancerI	9.12E-08	1.76E-09	6.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	671595.5	4342072	9.89E-08	6YrCancerI	9.64E-08	1.85E-09	7.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	671663.1	4342056	8.23E-08	6YrCancerI	8.02E-08	1.54E-09	6.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	671600.9	4342030	1.12E-07	6YrCancerI	1.09E-07	2.06E-09	8.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	671526.6	4342156	1.08E-07	6YrCancerI	1.05E-07	2.03E-09	8.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	671629	4342292	6.13E-08	6YrCancerI	5.96E-08	1.16E-09	4.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	671641.8	4341981	1.11E-07	6YrCancerI	1.08E-07	2.03E-09	8.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	671666.8	4342019	8.98E-08	6YrCancerI	8.75E-08	1.66E-09	6.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	671407.1	4342220	1.25E-07	6YrCancerI	1.22E-07	2.40E-09	9.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	671415.6	4342183	1.39E-07	6YrCancerI	1.35E-07	2.65E-09	1.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	671635.1	4341706	3.03E-07	6YrCancerI	2.96E-07	5.40E-09	2.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	671693.6	4341710	2.05E-07	6YrCancerI	2.00E-07	3.66E-09	1.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	671719.8	4341736	1.71E-07	6YrCancerI	1.66E-07	3.05E-09	1.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	671673.5	4341630	2.48E-07	6YrCancerI	2.42E-07	4.41E-09	1.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	671888	4341936	5.39E-08	6YrCancerI	5.25E-08	9.96E-10	3.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	671977.6	4341952	3.87E-08	6YrCancerI	3.77E-08	7.21E-10	2.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	672039.2	4341895	3.33E-08	6YrCancerI	3.25E-08	6.18E-10	2.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	671858.2	4341754	8.93E-08	6YrCancerI	8.70E-08	1.61E-09	6.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

455	ALL	671922.8	4341634	6.35E-08	6YrCancerI	6.19E-08	1.15E-09	4.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	671613.7	4341791	2.67E-07	6YrCancerI	2.60E-07	4.76E-09	1.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	671853.3	4341731	9.29E-08	6YrCancerI	9.05E-08	1.68E-09	6.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	671783.8	4341586	1.17E-07	6YrCancerI	1.14E-07	2.09E-09	8.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	671783.2	4341547	1.03E-07	6YrCancerI	1.01E-07	1.84E-09	7.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	671769.2	4341461	7.25E-08	6YrCancerI	7.07E-08	1.29E-09	5.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	671800.9	4341421	5.22E-08	6YrCancerI	5.09E-08	9.36E-10	3.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	671880.1	4341427	3.88E-08	6YrCancerI	3.79E-08	7.01E-10	2.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	672012.4	4341505	3.05E-08	6YrCancerI	2.98E-08	5.55E-10	2.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	672084.3	4341548	2.96E-08	6YrCancerI	2.89E-08	5.40E-10	2.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	671915.5	4341478	4.23E-08	6YrCancerI	4.13E-08	7.64E-10	3.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	671903.3	4341564	6.05E-08	6YrCancerI	5.89E-08	1.09E-09	4.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	671863.1	4341522	6.36E-08	6YrCancerI	6.20E-08	1.14E-09	4.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	671830.1	4341336	3.24E-08	6YrCancerI	3.16E-08	5.85E-10	2.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	671835.6	4341288	2.71E-08	6YrCancerI	2.64E-08	4.91E-10	1.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	671825.9	4341275	2.71E-08	6YrCancerI	2.64E-08	4.91E-10	1.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	672136.7	4341371	1.45E-08	6YrCancerI	1.41E-08	2.65E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	671920.3	4341307	1.99E-08	6YrCancerI	1.94E-08	3.63E-10	1.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	671695.4	4341257	2.77E-08	6YrCancerI	2.70E-08	5.02E-10	1.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	671682	4341176	1.90E-08	6YrCancerI	1.85E-08	3.47E-10	1.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	671991.7	4341196	1.28E-08	6YrCancerI	1.24E-08	2.36E-10	9.37E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	672022.1	4341232	1.30E-08	6YrCancerI	1.27E-08	2.40E-10	9.53E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	671992.3	4341178	1.15E-08	6YrCancerI	1.12E-08	2.14E-10	8.50E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	671540.6	4341238	1.95E-08	6YrCancerI	1.90E-08	3.55E-10	1.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	671575.3	4341178	1.45E-08	6YrCancerI	1.41E-08	2.67E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	671454.7	4341196	1.57E-08	6YrCancerI	1.53E-08	2.89E-10	1.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	671523.5	4341116	1.15E-08	6YrCancerI	1.12E-08	2.14E-10	8.52E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	671413.2	4341127	1.18E-08	6YrCancerI	1.15E-08	2.22E-10	8.84E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	671471.1	4341065	9.53E-09	6YrCancerI	9.28E-09	1.80E-10	7.16E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	671601.6	4341051	1.19E-08	6YrCancerI	1.16E-08	2.21E-10	8.80E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	671198.6	4341254	1.73E-08	6YrCancerI	1.68E-08	3.20E-10	1.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	671278.5	4341212	1.44E-08	6YrCancerI	1.40E-08	2.71E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	671230.3	4341133	1.01E-08	6YrCancerI	9.83E-09	1.93E-10	7.67E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	671073.1	4341272	2.20E-08	6YrCancerI	2.15E-08	4.08E-10	1.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	671122.5	4341374	3.71E-08	6YrCancerI	3.62E-08	6.76E-10	2.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	671118.8	4341397	4.18E-08	6YrCancerI	4.08E-08	7.60E-10	3.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	670978.4	4341324	2.81E-08	6YrCancerI	2.73E-08	5.20E-10	2.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	670932.9	4341394	3.15E-08	6YrCancerI	3.06E-08	5.80E-10	2.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	670935.2	4341367	3.05E-08	6YrCancerI	2.97E-08	5.63E-10	2.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	671108	4340976	7.51E-09	6YrCancerI	7.30E-09	1.48E-10	5.88E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL	671286.7	4340979	7.01E-09	6YrCancerI	6.81E-09	1.37E-10	5.45E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	671675.4	4342489	3.63E-08	6YrCancerI	3.53E-08	6.93E-10	2.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	671091.4	4342277	8.52E-08	6YrCancerI	8.23E-08	2.08E-09	8.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	671051.8	4342332	6.55E-08	6YrCancerI	6.32E-08	1.64E-09	6.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	671051.8	4342369	6.24E-08	6YrCancerI	6.02E-08	1.54E-09	6.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	670953	4342361	4.86E-08	6YrCancerI	4.69E-08	1.23E-09	4.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	670695.7	4342236	2.91E-08	6YrCancerI	2.82E-08	6.60E-10	2.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	670545.5	4342319	2.01E-08	6YrCancerI	1.94E-08	4.60E-10	1.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	670711.7	4342488	2.61E-08	6YrCancerI	2.52E-08	6.55E-10	2.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	670648.3	4342502	2.17E-08	6YrCancerI	2.10E-08	5.45E-10	2.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	670648.3	4342631	1.76E-08	6YrCancerI	1.69E-08	4.66E-10	1.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	670806.3	4342728	2.22E-08	6YrCancerI	2.14E-08	5.55E-10	2.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	670688.2	4342739	1.64E-08	6YrCancerI	1.58E-08	4.30E-10	1.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	670804.9	4342428	3.61E-08	6YrCancerI	3.49E-08	9.02E-10	3.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	670439.5	4342472	1.63E-08	6YrCancerI	1.57E-08	3.88E-10	1.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	670358.4	4342579	1.41E-08	6YrCancerI	1.37E-08	3.45E-10	1.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	670546.6	4342662	1.73E-08	6YrCancerI	1.67E-08	4.36E-10	1.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	670537	4342595	1.71E-08	6YrCancerI	1.65E-08	4.28E-10	1.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	670483.5	4342777	1.50E-08	6YrCancerI	1.45E-08	3.79E-10	1.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	670508.2	4342755	1.56E-08	6YrCancerI	1.50E-08	3.95E-10	1.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	670517.8	4342869	1.48E-08	6YrCancerI	1.43E-08	3.73E-10	1.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	670545.3	4342851	1.48E-08	6YrCancerI	1.43E-08	3.77E-10	1.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	670582.4	4342878	1.52E-08	6YrCancerI	1.46E-08	3.82E-10	1.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	670304.9	4342689	1.28E-08	6YrCancerI	1.24E-08	3.14E-10	1.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	670039.7	4342661	8.81E-09	6YrCancerI	8.52E-09	2.08E-10	8.25E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	670156.5	4342673	1.04E-08	6YrCancerI	1.01E-08	2.53E-10	1.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	670236.2	4342649	1.17E-08	6YrCancerI	1.13E-08	2.89E-10	1.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	670071.3	4342738	9.40E-09	6YrCancerI	9.08E-09	2.32E-10	9.20E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	669990.2	4342753	8.48E-09	6YrCancerI	8.19E-09	2.05E-10	8.15E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	669928.4	4342742	7.84E-09	6YrCancerI	7.58E-09	1.86E-10	7.37E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	669815.8	4342673	6.91E-09	6YrCancerI	6.69E-09	1.61E-10	6.39E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	669743	4342656	6.48E-09	6YrCancerI	6.26E-09	1.51E-10	6.00E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	669791	4342745	6.86E-09	6YrCancerI	6.64E-09	1.62E-10	6.41E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	669696.3	4342731	6.32E-09	6YrCancerI	6.11E-09	1.48E-10	5.87E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	669536.9	4342553	5.34E-09	6YrCancerI	5.17E-09	1.15E-10	4.58E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	669228.6	4343290	1.60E-08	6YrCancerI	1.59E-08	9.37E-11	3.72E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	669170.4	4343325	1.57E-08	6YrCancerI	1.55E-08	8.92E-11	3.55E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	669284.8	4343340	1.04E-08	6YrCancerI	1.03E-08	9.82E-11	3.90E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	669324.1	4343251	1.51E-08	6YrCancerI	1.50E-08	1.01E-10	4.01E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	669359.8	4343290	8.87E-09	6YrCancerI	8.72E-09	1.05E-10	4.16E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	669370.4	4343387	7.49E-09	6YrCancerI	7.35E-09	1.05E-10	4.16E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	669423.9	4343410	6.72E-09	6YrCancerI	6.57E-09	1.09E-10	4.34E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	669488.1	4343420	6.35E-09	6YrCancerI	6.19E-09	1.15E-10	4.56E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	669649.9	4343378	6.06E-09	6YrCancerI	5.87E-09	1.37E-10	5.46E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	669720.5	4343374	6.33E-09	6YrCancerI	6.12E-09	1.49E-10	5.92E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	669770.4	4343323	6.61E-09	6YrCancerI	6.39E-09	1.57E-10	6.23E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	669764	4343211	6.66E-09	6YrCancerI	6.44E-09	1.54E-10	6.12E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	669764.7	4343112	6.73E-09	6YrCancerI	6.52E-09	1.54E-10	6.13E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	669888.7	4343142	7.46E-09	6YrCancerI	7.21E-09	1.79E-10	7.10E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	669888.7	4343250	7.30E-09	6YrCancerI	7.06E-09	1.76E-10	7.00E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	669864.5	4343261	7.14E-09	6YrCancerI	6.90E-09	1.71E-10	6.81E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

546	ALL	669088.8	4343481	1.06E-08	6YrCancerI	1.05E-08	8.49E-11	3.37E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	668973.4	4343427	1.44E-08	6YrCancerI	1.43E-08	7.82E-11	3.11E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	669006.2	4343427	1.44E-08	6YrCancerI	1.43E-08	7.98E-11	3.17E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	668940.6	4343516	1.06E-08	6YrCancerI	1.05E-08	7.83E-11	3.11E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	668922	4343557	9.34E-09	6YrCancerI	9.23E-09	7.82E-11	3.11E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	668475.6	4343142	4.51E-09	6YrCancerI	4.42E-09	6.31E-11	2.51E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	668572	4343208	6.38E-09	6YrCancerI	6.29E-09	6.49E-11	2.58E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	668567	4343041	5.49E-09	6YrCancerI	5.39E-09	6.74E-11	2.68E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	669299	4342841	6.36E-09	6YrCancerI	6.22E-09	1.01E-10	4.03E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	669377.8	4342728	5.38E-09	6YrCancerI	5.23E-09	1.07E-10	4.23E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	669384.5	4342770	5.65E-09	6YrCancerI	5.50E-09	1.07E-10	4.25E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	669341.7	4342653	4.96E-09	6YrCancerI	4.82E-09	1.03E-10	4.10E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	669307.3	4342655	4.90E-09	6YrCancerI	4.76E-09	1.01E-10	4.00E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL	670048.3	4342946	9.04E-09	6YrCancerI	8.74E-09	2.20E-10	8.73E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL	670299.6	4342854	1.17E-08	6YrCancerI	1.13E-08	2.92E-10	1.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	670426.4	4342917	1.39E-08	6YrCancerI	1.34E-08	3.45E-10	1.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	ALL	671174.9	4342280	1.09E-07	6YrCancerI	1.06E-07	2.46E-09	9.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL	671068.4	4342170	1.10E-07	6YrCancerI	1.07E-07	2.31E-09	9.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL	670965.7	4342179	7.04E-08	6YrCancerI	6.83E-08	1.53E-09	6.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	ALL	670815.5	4342198	4.03E-08	6YrCancerI	3.91E-08	8.80E-10	3.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL	670737.6	4342098	3.20E-08	6YrCancerI	3.11E-08	6.73E-10	2.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL	670762.3	4342069	3.47E-08	6YrCancerI	3.37E-08	7.37E-10	2.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL	670817.4	4342041	4.21E-08	6YrCancerI	4.08E-08	8.96E-10	3.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	ALL	670895.4	4342025	5.76E-08	6YrCancerI	5.59E-08	1.25E-09	4.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL	670979	4341915	7.98E-08	6YrCancerI	7.74E-08	1.66E-09	6.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL	671115.9	4341864	1.87E-07	6YrCancerI	1.82E-07	3.63E-09	1.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	ALL	671199.6	4341771	4.68E-07	6YrCancerI	4.57E-07	8.41E-09	3.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	ALL	671222.4	4341377	4.54E-08	6YrCancerI	4.43E-08	8.17E-10	3.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	ALL	671714.8	4341392	5.83E-08	6YrCancerI	5.68E-08	1.04E-09	4.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	ALL	671366.9	4341999	4.45E-07	6YrCancerI	4.34E-07	8.37E-09	3.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL	671226.2	4342236	1.38E-07	6YrCancerI	1.34E-07	2.97E-09	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	ALL	669098.4	4343412	1.38E-08	6YrCancerI	1.37E-08	8.46E-11	3.36E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	ALL	668908.6	4343365	1.87E-08	6YrCancerI	1.86E-08	7.46E-11	2.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	ALL	668851.5	4343360	1.75E-08	6YrCancerI	1.74E-08	7.20E-11	2.86E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	ALL	668831.4	4343371	1.51E-08	6YrCancerI	1.50E-08	7.12E-11	2.83E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	ALL	668733.9	4343302	1.62E-08	6YrCancerI	1.61E-08	6.82E-11	2.71E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	ALL	668686.9	4343200	1.63E-08	6YrCancerI	1.62E-08	6.83E-11	2.71E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	ALL	668671.8	4343089	1.41E-08	6YrCancerI	1.40E-08	6.94E-11	2.76E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL	668806.2	4343002	1.45E-08	6YrCancerI	1.44E-08	7.46E-11	2.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	ALL	668918.7	4343025	1.88E-08	6YrCancerI	1.87E-08	7.92E-11	3.15E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586	ALL	669024.5	4342943	1.47E-08	6YrCancerI	1.46E-08	8.47E-11	3.36E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	ALL	669288.2	4342916	1.14E-08	6YrCancerI	1.13E-08	9.97E-11	3.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL	669333.6	4342923	9.25E-09	6YrCancerI	9.11E-09	1.03E-10	4.08E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	ALL	669365.5	4342978	1.37E-08	6YrCancerI	1.35E-08	1.04E-10	4.13E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	ALL	669337	4343151	1.65E-08	6YrCancerI	1.63E-08	1.01E-10	4.01E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL	669303.4	4343304	1.22E-08	6YrCancerI	1.21E-08	9.95E-11	3.95E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	ALL	669222.7	4343235	2.23E-08	6YrCancerI	2.21E-08	9.29E-11	3.69E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	ALL	669135.4	4343306	2.30E-08	6YrCancerI	2.29E-08	8.67E-11	3.44E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE\	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		668148.8	4340781	NonCancer	3.96E-06	1.28E-05	3.21E-05	0.00E+00	0.00E+00	1.49E-05	1.43E-05	0.00E+00	4.65E-07	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	3.21E-05
2	ALL		668370.1	4340781	NonCancer	4.76E-06	1.49E-05	3.62E-05	0.00E+00	0.00E+00	1.70E-05	1.72E-05	0.00E+00	5.26E-07	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	3.62E-05
3	ALL		668591.4	4340781	NonCancer	5.35E-06	1.66E-05	3.99E-05	0.00E+00	0.00E+00	1.89E-05	2.00E-05	0.00E+00	5.80E-07	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	3.99E-05
4	ALL		668812.7	4340781	NonCancer	5.87E-06	1.81E-05	4.37E-05	0.00E+00	0.00E+00	2.07E-05	2.23E-05	0.00E+00	6.36E-07	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	4.37E-05
5	ALL		669034	4340781	NonCancer	6.89E-06	2.08E-05	4.91E-05	0.00E+00	0.00E+00	2.36E-05	2.59E-05	0.00E+00	7.14E-07	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	4.91E-05
6	ALL		669255.3	4340781	NonCancer	7.66E-06	2.34E-05	5.58E-05	0.00E+00	0.00E+00	2.65E-05	3.06E-05	0.00E+00	8.12E-07	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	5.58E-05
7	ALL		669476.7	4340781	NonCancer	8.71E-06	2.63E-05	6.17E-05	0.00E+00	0.00E+00	2.97E-05	3.25E-05	0.00E+00	9.00E-07	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	6.17E-05
8	ALL		669698	4340781	NonCancer	1.01E-05	2.96E-05	6.74E-05	0.00E+00	0.00E+00	3.30E-05	3.55E-05	0.00E+00	9.87E-07	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	6.74E-05
9	ALL		669919.3	4340781	NonCancer	1.40E-05	4.71E-05	1.32E-04	0.00E+00	0.00E+00	6.52E-05	3.39E-05	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	1.32E-04
10	ALL		670140.6	4340781	NonCancer	1.75E-05	6.94E-05	2.09E-04	0.00E+00	0.00E+00	9.34E-05	3.12E-05	0.00E+00	2.91E-06	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	2.09E-04
11	ALL		670361.9	4340781	NonCancer	1.77E-05	7.05E-05	2.13E-04	0.00E+00	0.00E+00	9.48E-05	2.34E-05	0.00E+00	2.95E-06	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	2.13E-04
12	ALL		670583.2	4340781	NonCancer	1.49E-05	5.74E-05	2.97E-04	0.00E+00	0.00E+00	2.05E-04	1.86E-05	0.00E+00	2.74E-06	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	2.97E-04
13	ALL		670804.5	4340781	NonCancer	1.49E-05	5.72E-05	3.06E-04	0.00E+00	0.00E+00	2.15E-04	1.67E-05	0.00E+00	2.76E-06	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	3.06E-04
14	ALL		671025.8	4340781	NonCancer	1.30E-05	4.69E-05	2.71E-04	0.00E+00	0.00E+00	2.02E-04	1.41E-05	0.00E+00	2.26E-06	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	2.71E-04
15	ALL		671247.1	4340781	NonCancer	1.24E-05	4.47E-05	1.67E-04	0.00E+00	0.00E+00	9.99E-05	1.14E-05	0.00E+00	1.88E-06	0.00E+00	0.00E+00	5.54E-05	0.00E+00	0.00E+00	1.67E-04
16	ALL		671468.4	4340781	NonCancer	1.49E-05	5.99E-05	2.13E-04	0.00E+00	0.00E+00	1.13E-04	1.19E-05	0.00E+00	2.62E-06	0.00E+00	0.00E+00	5.29E-05	0.00E+00	0.00E+00	2.13E-04
17	ALL		671689.8	4340781	NonCancer	2.11E-05	9.67E-05	3.24E-04	0.00E+00	0.00E+00	1.44E-04	1.16E-05	0.00E+00	4.38E-06	0.00E+00	0.00E+00	4.77E-05	0.00E+00	0.00E+00	3.24E-04
18	ALL		671911.1	4340781	NonCancer	2.06E-05	1.04E-04	3.36E-04	0.00E+00	0.00E+00	1.30E-04	1.17E-05	0.00E+00	4.83E-06	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	3.36E-04
19	ALL		672132.4	4340781	NonCancer	1.32E-05	6.57E-05	2.06E-04	0.00E+00	0.00E+00	7.70E-05	8.10E-06	0.00E+00	3.01E-06	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	2.06E-04
20	ALL		672353.7	4340781	NonCancer	2.19E-05	1.10E-04	3.42E-04	0.00E+00	0.00E+00	1.26E-04	1.06E-05	0.00E+00	5.05E-06	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	3.42E-04
21	ALL		672575	4340781	NonCancer	2.36E-05	1.11E-04	3.40E-04	0.00E+00	0.00E+00	1.31E-04	9.65E-06	0.00E+00	4.95E-06	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	3.40E-04
22	ALL		668148.8	4340946	NonCancer	3.89E-06	1.25E-05	3.11E-05	0.00E+00	0.00E+00	1.45E-05	1.25E-05	0.00E+00	4.50E-07	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	3.11E-05
23	ALL		668370.1	4340946	NonCancer	4.55E-06	1.44E-05	3.55E-05	0.00E+00	0.00E+00	1.67E-05	1.49E-05	0.00E+00	5.14E-07	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	3.55E-05
24	ALL		668591.4	4340946	NonCancer	5.27E-06	1.63E-05	3.95E-05	0.00E+00	0.00E+00	1.88E-05	1.76E-05	0.00E+00	5.73E-07	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	3.95E-05
25	ALL		668812.7	4340946	NonCancer	5.94E-06	1.82E-05	4.38E-05	0.00E+00	0.00E+00	2.09E-05	2.05E-05	0.00E+00	6.35E-07	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	4.38E-05
26	ALL		669034	4340946	NonCancer	7.22E-06	2.16E-05	5.04E-05	0.00E+00	0.00E+00	2.45E-05	2.53E-05	0.00E+00	7.33E-07	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	5.04E-05
27	ALL		669255.3	4340946	NonCancer	8.39E-06	2.47E-05	5.72E-05	0.00E+00	0.00E+00	2.80E-05	2.99E-05	0.00E+00	8.32E-07	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	5.72E-05
28	ALL		669476.7	4340946	NonCancer	8.75E-06	2.67E-05	6.37E-05	0.00E+00	0.00E+00	3.04E-05	3.28E-05	0.00E+00	9.26E-07	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	6.37E-05
29	ALL		669698	4340946	NonCancer	1.10E-05	3.24E-05	7.45E-05	0.00E+00	0.00E+00	3.66E-05	4.12E-05	0.00E+00	1.09E-06	0.00E+00	0.00E+00	4.20E-06	0.00E+00	0.00E+00	7.45E-05
30	ALL		669919.3	4340946	NonCancer	1.77E-05	6.88E-05	2.05E-04	0.00E+00	0.00E+00	9.18E-05	4.55E-05	0.00E+00	2.85E-06	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	2.05E-04
31	ALL		670140.6	4340946	NonCancer	1.85E-05	7.10E-05	2.12E-04	0.00E+00	0.00E+00	9.61E-05	3.93E-05	0.00E+00	2.93E-06	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	2.12E-04
32	ALL		670361.9	4340946	NonCancer	1.93E-05	7.74E-05	2.37E-04	0.00E+00	0.00E+00	1.06E-04	3.16E-05	0.00E+00	3.26E-06	0.00E+00	0.00E+00	2.88E-05	0.00E+00	0.00E+00	2.37E-04
33	ALL		670583.2	4340946	NonCancer	1.90E-05	7.81E-05	3.88E-04	0.00E+00	0.00E+00	2.55E-04	2.35E-05	0.00E+00	3.77E-06	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	3.88E-04
34	ALL		670804.5	4340946	NonCancer	1.54E-05	5.91E-05	3.22E-04	0.00E+00	0.00E+00	2.27E-04	1.96E-05	0.00E+00	2.87E-06	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	3.22E-04
35	ALL		671025.8	4340946	NonCancer	1.31E-05	4.56E-05	2.81E-04	0.00E+00	0.00E+00	2.15E-04	1.60E-05	0.00E+00	2.23E-06	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	2.81E-04
36	ALL		671247.1	4340946	NonCancer	1.24E-05	4.31E-05	1.64E-04	0.00E+00	0.00E+00	1.01E-04	1.23E-05	0.00E+00	1.79E-06	0.00E+00	0.00E+00	5.82E-05	0.00E+00	0.00E+00	1.64E-04
37	ALL		671468.4	4340946	NonCancer	1.37E-05	5.14E-05	1.88E-04	0.00E+00	0.00E+00	1.08E-04	1.13E-05	0.00E+00	2.19E-06	0.00E+00	0.00E+00	5.64E-05	0.00E+00	0.00E+00	1.88E-04
38	ALL		671689.8	4340946	NonCancer	2.74E-05	1.29E-04	4.31E-04	0.00E+00	0.00E+00	1.88E-04	1.44E-05	0.00E+00	5.86E-06	0.00E+00	0.00E+00	5.96E-05	0.00E+00	0.00E+00	4.31E-04
39	ALL		671911.1	4340946	NonCancer	3.30E-05	1.64E-04	5.33E-04	0.00E+00	0.00E+00	2.13E-04	1.57E-05	0.00E+00	7.55E-06	0.00E+00	0.00E+00	4.92E-05	0.00E+00	0.00E+00	5.33E-04
40	ALL		672132.4	4340946	NonCancer	1.19E-05	5.73E-05	1.76E-04	0.00E+00	0.00E+00	6.65E-05	7.98E-06	0.00E+00	2.59E-06	0.00E+00	0.00E+00	9.23E-06	0.00E+00	0.00E+00	1.76E-04
41	ALL		672353.7	4340946	NonCancer	1.84E-05	8.91E-05	2.73E-04	0.00E+00	0.00E+00	1.02E-04	9.33E-06	0.00E+00	4.03E-06	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	2.73E-04
42	ALL		672575	4340946	NonCancer	2.40E-05	1.11E-04	3.40E-04	0.00E+00	0.00E+00	1.33E-04	9.92E-06	0.00E+00	4.94E-06	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	3.40E-04
43	ALL		668148.8	4341111	NonCancer	3.97E-06	1.27E-05	3.15E-05	0.00E+00	0.00E+00	1.47E-05	1.12E-05	0.00E+00	4.55E-07	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	3.15E-05
44	ALL		668370.1	4341111	NonCancer	4.46E-06	1.41E-05	3.46E-05	0.00E+00	0.00E+00	1.64E-05	1.29E-05	0.00E+00	5.00E-07	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	3.46E-05
45	ALL		668591.4	4341111	NonCancer	5.36E-06	1.65E-05	3.98E-05	0.00E+00	0.00E+00	1.91E-05	1.56E-05	0.00E+00	5.76E-07	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	3.98E-05
46	ALL		668812.7	4341111	NonCancer	6.19E-06	1.87E-05	4.44E-05	0.00E+00	0.00E+00	2.15E-05	1.86E-05	0.00E+00	6.44E-07	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	4.44E-05
47	ALL		669034	4341111	NonCancer	7.38E-06	2.18E-05	5.06E-05	0.00E+00	0.00E+00	2.49E-05	2.28E-05	0.00E+00	7.34E-07	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	5.06E-05
48	ALL		669255.3	4341111	NonCancer	8.11E-06	2.42E-05	5.65E-05	0.00E+00	0.00E+00	2.76E-05	2.65E-05	0.00E+00	8.20E-07	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	5.65E-05
49	ALL		669476.7	4341111	NonCancer	9.61E-06	2.83E-05	6.57E-05	0.00E+00	0.00E+00	3.23E-05	3.29E-05	0.00E+00	9.54E-07	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	6.57E-05
50	ALL		669698	4341111	NonCancer	1.17E-05	3.39E-05	7.71E-05	0.00E+00	0.00E+00	3.84E-05	4.28E-05	0.00E+00	1.12E-06	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	7.71E-05
51	ALL		669919.3	4341111	NonCancer	1.25E-05	3.75E-05	8.86E-05	0.00E+00	0.00E+00	4.28E-05	4.95E-05	0.00E+00	1.29E-06	0.00E+00	0.00E+00	5.31E-06	0.00E+00	0.00E+00	8.86E-05
52	ALL		670140.6	4341111	NonCancer	1.97E-05	7.80E-05	2.36E-04	0.00E+00	0.00E+00	1.06E-04	5.41E-05	0.00E+00	3.26E-06	0.00E+00	0.00E+00	2.84E-05	0.00E+00	0.00E+00	2.36E-04
53	ALL		670361.9	4341111	NonCancer	1.92E-05	7.66E-05	2.34E-04	0.00E+00	0.00E+00	1.06E-04	4.71E-05	0.00E+00	3.22E-06	0.00E+00	0.00E+00	2.92E-05	0.00E+00	0.00E+00	2.34E-04
54	ALL		670583.2	4341111	NonCancer	1.67E-05	6.35E-05	1.89E-04	0.00E+00	0.00E+00	8.65E-05	3.15E-05	0.00E+00	2.60E-06	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	1.89E-04
55	ALL		670804.5	4341111	NonCancer	1.35E-05	4.81E-05	2.81E-04	0.00E+00	0.00E+00	2.10E-04	2.27E-05	0.00E+00	2.33E-06	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	2.81E-04
56	ALL		671025.8	4341111	NonCancer	1.21E-05	4.12E-05	2.62E-04	0.00E+00	0.00E+00	2.05E-04	1.75E-05	0.00E+00	2.01E-06	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	2.62E-04
57	ALL		671247.1	4341111	NonCancer	1.38E-05	4.80E-05	2.05E-04	0.00E+00	0.00E+00	1.35E-04	1.53E-05	0.00E+00	2.06E-06	0.00E+00	0.00E+00	8.75E-05	0.00E+00	0.00E+00	2.05E-04
58	ALL		671468.4	4341111	NonCancer	1.55E-05	5.85E-05	2.13E-04	0.00E+00	0.00E+00	1.21E-04	1.27E-05	0.00E+00	2.50E-06	0.00E+00	0.00E+00	6.26E-05	0.00E+00	0.00E+00	2.13E-04
59	ALL		671689.8	4341111	NonCancer	4.23E-05	2.04E-04	7.11E-04	0.00E+00	0.00E+00	3.19E-04	2.04E-05	0.00E+00	9.46E-06	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	7.11E-04
60	ALL		671911.1	4341111	NonCancer	4.01E-05	1.98E-04	6.30E-04	0.00E+00	0.00E+00	2.43E-04	1.85E-05	0.00E+00	9.09E-06	0.00E+00	0.00E+00	4.54E-05	0.00E+00	0.00E+00	6.30E-04
61	ALL		672132.4	4341111	NonCancer	1.40E-05	6.36E-05	1.91E-04	0.00E+00	0.00E+00	7.33E-05	8.40E-06	0.00E+00	2.80E-06	0.00E+00	0.00E+00	9.67E-06	0.00E+00	0.00E+00	1.91E-04
62	ALL		672353.7	4341111	NonCancer	1.20E-05	5.33E-05	1.60E-04	0.00E+00	0.00E+00	6.25E-05	7.16E-06	0.00E+00	2.33E-06	0.00E+00	0.00E+00	9.27E-06	0.00E+00	0.00E+00	1.60E-04
63	ALL		672575	4341111	NonCancer	2.38E-05	1.10E-04	3.39E-04	0.00E+00	0.00E+00	1.33E-04	1.04E-05	0.00E+00	4.90E-06	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	3.39E-04
64	ALL		668148.8	4341276	NonCancer	4.01E-06	1.29E-05	3.22E-05	0.00E+00	0.00E+00	1.51E-05	9.98E-06	0.00E+00	4.64E-07	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	3.22E-05
65	ALL		668370.1	4341276	NonCancer	4.61E-06	1.45E-05	3.56E-05	0.00E+00	0.00E+00	1.69E-05	1.15E-05	0.00E+00	5.14E-07	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	3.56E-05
66	ALL		668591.4	4341276	NonCancer	5.51E-06	1.68E-05	4.03E-05	0.00E+00	0.00E+00	1.94E-05	1.36E-05	0.00E+00	5.84E-07	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	4.03E-05
67	ALL		668812.7	4341276	NonCancer	6.82E-06	2.00E-05	4.61E-05	0.00E+00	0.00E+00	2.28E-05	1.67E-05	0.00E+00	6.69E-07	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	4.61E-05
68	ALL		669034	4341276	NonCancer	8.51E-06	2.41E-05	5.35E-05	0.00E+00	0.00E+00	2.72E-05	2.23E-05	0.00E+00	7.78E-07	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	5.35E-05
69	ALL		669255.3	4341276	NonCancer	9.46E-06	2.68E-05	5.97E-05	0.00E+00	0.00E+00	3.04E-05	2.57E-05	0.00E+00	8.67E-07	0.00E+00	0.00E+00	3.57E-06	0.00E+00	0.00E+00	5.97E-05
70	ALL		669476.7	4341276	NonCancer	1.02E-05	2.95E-05	6.69E-05	0.00E+00	0.00E+00	3.36E-05	3.04E-05	0.00E+00	9.71E-07	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	6.69E-05
71	ALL		669698	4341276	NonCancer	1.15E-05	3.36E-05	7.74E-05	0.00E+00	0.00E+00	3.83E-05	3.98E-05	0.00E+00	1.12E-06	0.00E+00	0.00E+00	4.79E-06	0.00E+00	0.00E+00	7.74E-05
72	ALL		669919.3	4341276	NonCancer	1.87E-05	7.33E-05	2.21E-04	0.00E+00	0.00E+00	1.01E-04	5.47E-05	0.00E+00	3.05E-06	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	2.21E-04
73	ALL		670140.6	4341276	NonCancer	1.77E-05	6.95E-05	2.12E-04	0.00E+00	0.00E+00	9.60E-05	7.16E-05	0.00E+00	2.91E-06	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	2.12E-04
74	ALL		670361.9	4341276	NonCancer	1.73E-05	6.54E-05	1.94E-04	0.00E+00	0.00E+00	8.93E-05	6.77E-05	0.00E+00	2.67E-06	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	1.94E-04
75	ALL		670583.2	4341276	NonCancer	1.35E-05	4.64E-05	1.33E-04	0.00E+00	0.00E+00	6.59E-05	4.54E-05	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.96E-05	0.00E+00	0.00E+00	1.33E-04
76	ALL		670804.5	4341276	NonCancer	1.32E-05	4.66E-05	2.48E-04	0.00E+00	0.00E+00	1.80E-04	2.76E-05	0.00E+00	2.17E-06	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	2.48E-04
77	ALL		671025.8	4341276	NonCancer	1.29E-05	4.53E-05	2.82E-04	0.00E+00	0.00E+00	2.16E-04	2.15E-05	0.00E+00	2.23E-06	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	2.82E-04
78	ALL		671247.1	4341276	NonCancer	1.67E-05	6.08E-05	3.07E-04	0.00E+00	0.00E+00	2.15E-04	2.06E-05	0.00E+00	2.81E-06	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	3.07E-04
79	ALL		671468.4	4341276	NonCancer	3.61E-05	1.60E-04	5.43E-04	0.00E+00	0.00E+00	2.52E-04	2.13E-05	0.00E+00	7.19E-06	0.00E+00	0.00E+00	9.16E-05	0.00E+00	0.00E+00	5.43E-04
80	ALL		671689.8	4341276	NonCancer	6.45E-05	3.21E-04	1.15E-03	0.00E+00	0.00E+00	5.26E-04	2.90E-05	0.00E+00	1.52E-05	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	1.15E-03
81	ALL		671911.1	4341276	NonCancer	5.26E-05	2.60E-04	8.29E-04	0.00E+00	0.00E+00	3.23E-04	2.30E-05	0.00E+00	1.19E-05	0.00E+00	0.00E+00	6.32E-05	0.00E+00	0.00E+00	8.29E-04
82	ALL		672132.4	4341276	NonCancer	1.52E-05	6.52E-05	1.92E-04	0.00E+00	0.00E+00	7.61E-05	9.26E-06	0.00E+00	2.79E-06	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.92E-04
83	ALL		672353.7	4341276	NonCancer	1.01E-05	4.03E-05	1.15E-04	0.00E+00	0.00E+00	4.75E-05	6.69E-06	0.00E+00	1.67E-06	0.00E+00	0.00E+00	7.18E-06	0.00E+00	0.00E+00	1.15E-04
84	ALL		672575	4341276	NonCancer	2.50E-05	1.16E-04	3.61E-04	0.00E+00	0.00E+00	1.42E-04	1.15E-05	0.00E+00	5.21E-06	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	3.61E-04
85	ALL		668148.8	4341441	NonCancer	4.08E-06	1.30E-05	3.24E-05	0.00E+00	0.00E+00	1.53E-05	8.96E-06	0.00E+00	4.67E-07	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	3.24E-05
86	ALL		668370.1	4341441	NonCancer	4.73E-06	1.48E-05	3.63E-05	0.00E+00	0.00E+00	1.73E-05	1.02E-05	0.00E+00	5.23E-07	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	3.63E-05
87	ALL		668591.4	4341441	NonCancer	5.58E-06	1.71E-05	4.09E-05	0.00E+00	0.00E+00	1.97E-05	1.19E-05	0.00E+00	5.92E-07	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	4.09E-05
88	ALL		668812.7	4341441	NonCancer	7.07E-06	2.06E-05	4.71E-05	0.00E+00	0.00E+00	2.35E-05	1.48E-05	0.00E+00	6.84E-07	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	4.71E-05
89	ALL		669034	4341441	NonCancer	8.65E-06	2.43E-05	5.38E-05	0.00E+00	0.00E+00	2.75E-05	1.90E-05	0.00E+00	7.81E-07	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	5.38E-05
90	ALL		669255.3	4341441	NonCancer	9.38E-06	2.67E-05	5.98E-05	0.00E+00	0.00E+00	3.04E-05	2.06E-05	0.00E+00	8.67E-07	0.00E+00	0.00E+00	3.70E-06	0.00E+00	0.00E+00	5.98E-05
91	ALL		669476.7	4341441	NonCancer	1.08E-05	3.05E-05	6.83E-05	0.00E+00	0.00E+00	3.48E-05	2.64E-05	0.00E+00	9.90E-07	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	6.83E-05
92	ALL		669698	4341441	NonCancer	1.24E-05	3.54E-05	7.95E-05	0.00E+00	0.00E+00	4.04E-05	3.67E-05	0.00E+00	1.15E-06	0.00E+00	0.00E+00	5.02E-06	0.00E+00	0.00E+00	7.95E-05
93	ALL		669919.3	4341441	NonCancer	1.95E-05	7.69E-05	2.34E-04	0.00E+00	0.00E+00	1.06E-04	5.47E-05	0.00E+00	3.22E-06	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	2.34E-04
94	ALL		670140.6	4341441	NonCancer	1.70E-05	6.45E-05	1.92E-04	0.00E+00	0.00E+00	8.86E-05	7.70E-05	0.00E+00	2.65E-06	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	1.92E-04
95	ALL		670361.9	4341441	NonCancer	1.57E-05	5.72E-05	1.69E-04	0.00E+00	0.00E+00	8.06E-05	9.72E-05	0.00E+00	2.30E-06	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	1.69E-04
96	ALL		670583.2	4341441	NonCancer	1.36E-05	4.51E-05	1.30E-04	0.00E+00	0.00E+00	6.76E-05	7.58E-05	0.00E+00	1.72E-06	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	1.30E-04
97	ALL		670804.5	4341441	NonCancer	1.66E-05	5.77E-05	1.89E-04	0.00E+00	0.00E+00	1.05E-04	4.29E-05	0.00E+00	2.31E-06	0.00E+00	0.00E+00	4.76E-05	0.00E+00	0.00E+00	1.89E-04
98	ALL		671025.8	4341441	NonCancer	1.61E-05	5.72E-05	3.17E-04	0.00E+00	0.00E+00	2.32E-04	3.08E-05	0.00E+00	2.71E-06	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	3.17E-04

99	ALL	671689.8	4341441	NonCancer	4.06E-05	1.60E-04	6.70E-04	0.00E+00	0.00E+00	0.00E+00	4.08E-04	2.24E-05	0.00E+00	7.21E-06	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	6.70E-04
100	ALL	671911.1	4341441	NonCancer	5.16E-05	2.56E-04	8.10E-04	0.00E+00	0.00E+00	0.00E+00	3.10E-04	2.40E-05	0.00E+00	1.17E-05	0.00E+00	0.00E+00	5.46E-05	0.00E+00	0.00E+00	8.10E-04
101	ALL	672132.4	4341441	NonCancer	1.60E-05	6.47E-05	1.88E-04	0.00E+00	0.00E+00	0.00E+00	7.80E-05	1.07E-05	0.00E+00	2.70E-06	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	1.88E-04
102	ALL	672353.7	4341441	NonCancer	1.59E-05	6.53E-05	1.91E-04	0.00E+00	0.00E+00	0.00E+00	7.89E-05	1.03E-05	0.00E+00	2.75E-06	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	1.91E-04
103	ALL	672575	4341441	NonCancer	1.57E-05	4.34E-05	1.02E-04	0.00E+00	0.00E+00	0.00E+00	5.72E-05	7.86E-06	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	1.02E-04
104	ALL	668148.8	4341606	NonCancer	4.34E-06	1.37E-05	3.38E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-05	8.40E-06	0.00E+00	4.89E-07	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	3.38E-05
105	ALL	668370.1	4341606	NonCancer	5.10E-06	1.57E-05	3.76E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-05	9.45E-06	0.00E+00	5.44E-07	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	3.76E-05
106	ALL	668591.4	4341606	NonCancer	5.98E-06	1.79E-05	4.19E-05	0.00E+00	0.00E+00	0.00E+00	2.05E-05	1.08E-05	0.00E+00	6.06E-07	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	4.19E-05
107	ALL	668812.7	4341606	NonCancer	7.01E-06	2.05E-05	4.72E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-05	1.25E-05	0.00E+00	6.84E-07	0.00E+00	0.00E+00	2.94E-06	0.00E+00	0.00E+00	4.72E-05
108	ALL	669034	4341606	NonCancer	8.08E-06	2.34E-05	5.34E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-05	1.43E-05	0.00E+00	7.75E-07	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	5.34E-05
109	ALL	669255.3	4341606	NonCancer	9.33E-06	2.69E-05	6.09E-05	0.00E+00	0.00E+00	0.00E+00	3.06E-05	1.69E-05	0.00E+00	8.82E-07	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	6.09E-05
110	ALL	669476.7	4341606	NonCancer	1.09E-05	3.10E-05	6.96E-05	0.00E+00	0.00E+00	0.00E+00	3.54E-05	2.15E-05	0.00E+00	1.01E-06	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	6.96E-05
111	ALL	669698	4341606	NonCancer	1.28E-05	3.61E-05	8.06E-05	0.00E+00	0.00E+00	0.00E+00	4.13E-05	2.85E-05	0.00E+00	1.17E-06	0.00E+00	0.00E+00	5.21E-06	0.00E+00	0.00E+00	8.06E-05
112	ALL	669919.3	4341606	NonCancer	1.91E-05	7.57E-05	2.30E-04	0.00E+00	0.00E+00	0.00E+00	1.04E-04	4.41E-05	0.00E+00	3.17E-06	0.00E+00	0.00E+00	2.83E-05	0.00E+00	0.00E+00	2.30E-04
113	ALL	670140.6	4341606	NonCancer	1.84E-05	7.08E-05	2.13E-04	0.00E+00	0.00E+00	0.00E+00	9.76E-05	6.80E-05	0.00E+00	2.93E-06	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	2.13E-04
114	ALL	670361.9	4341606	NonCancer	1.53E-05	5.30E-05	1.54E-04	0.00E+00	0.00E+00	0.00E+00	7.59E-05	1.03E-04	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	1.54E-04
115	ALL	670583.2	4341606	NonCancer	1.53E-05	4.96E-05	1.50E-04	0.00E+00	0.00E+00	0.00E+00	8.29E-05	1.35E-04	0.00E+00	1.89E-06	0.00E+00	0.00E+00	3.34E-05	0.00E+00	0.00E+00	1.50E-04
116	ALL	670804.5	4341606	NonCancer	2.38E-05	8.47E-05	3.13E-04	0.00E+00	0.00E+00	0.00E+00	1.86E-04	9.03E-05	0.00E+00	3.55E-06	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	3.13E-04
117	ALL	671025.8	4341606	NonCancer	2.15E-05	7.61E-05	3.80E-04	0.00E+00	0.00E+00	0.00E+00	2.68E-04	4.55E-05	0.00E+00	3.47E-06	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	3.80E-04
118	ALL	671689.8	4341606	NonCancer	5.81E-05	2.61E-04	9.21E-04	0.00E+00	0.00E+00	0.00E+00	4.40E-04	3.19E-05	0.00E+00	1.19E-05	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	9.21E-04
119	ALL	671911.1	4341606	NonCancer	4.80E-05	2.36E-04	7.87E-04	0.00E+00	0.00E+00	0.00E+00	3.29E-04	2.61E-05	0.00E+00	1.09E-05	0.00E+00	0.00E+00	9.30E-05	0.00E+00	0.00E+00	7.87E-04
120	ALL	672132.4	4341606	NonCancer	2.78E-05	1.18E-04	3.53E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04	1.66E-05	0.00E+00	5.06E-06	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	3.53E-04
121	ALL	672353.7	4341606	NonCancer	2.13E-05	8.77E-05	2.57E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04	1.28E-05	0.00E+00	3.70E-06	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	2.57E-04
122	ALL	672575	4341606	NonCancer	1.56E-05	4.35E-05	9.35E-05	0.00E+00	0.00E+00	0.00E+00	4.74E-05	8.93E-06	0.00E+00	1.38E-06	0.00E+00	0.00E+00	3.95E-06	0.00E+00	0.00E+00	9.35E-05
123	ALL	668148.8	4341771	NonCancer	4.20E-06	1.34E-05	3.34E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-05	7.54E-06	0.00E+00	4.80E-07	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	3.34E-05
124	ALL	668370.1	4341771	NonCancer	5.25E-06	1.60E-05	3.81E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-05	8.61E-06	0.00E+00	5.53E-07	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	3.81E-05
125	ALL	668591.4	4341771	NonCancer	5.68E-06	1.73E-05	4.15E-05	0.00E+00	0.00E+00	0.00E+00	2.01E-05	9.29E-06	0.00E+00	6.01E-07	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	4.15E-05
126	ALL	668812.7	4341771	NonCancer	6.75E-06	2.01E-05	4.70E-05	0.00E+00	0.00E+00	0.00E+00	2.31E-05	1.06E-05	0.00E+00	6.80E-07	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	4.70E-05
127	ALL	669034	4341771	NonCancer	8.19E-06	2.37E-05	5.40E-05	0.00E+00	0.00E+00	0.00E+00	2.71E-05	1.22E-05	0.00E+00	7.82E-07	0.00E+00	0.00E+00	3.37E-06	0.00E+00	0.00E+00	5.40E-05
128	ALL	669255.3	4341771	NonCancer	1.00E-05	2.83E-05	6.26E-05	0.00E+00	0.00E+00	0.00E+00	3.20E-05	1.54E-05	0.00E+00	9.09E-07	0.00E+00	0.00E+00	3.80E-06	0.00E+00	0.00E+00	6.26E-05
129	ALL	669476.7	4341771	NonCancer	1.15E-05	3.25E-05	7.99E-05	0.00E+00	0.00E+00	0.00E+00	4.50E-05	1.68E-05	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	7.99E-05
130	ALL	669698	4341771	NonCancer	1.92E-05	7.75E-05	2.35E-04	0.00E+00	0.00E+00	0.00E+00	1.04E-04	2.38E-05	0.00E+00	3.27E-06	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	2.35E-04
131	ALL	669919.3	4341771	NonCancer	1.83E-05	7.32E-05	2.22E-04	0.00E+00	0.00E+00	0.00E+00	9.89E-05	3.28E-05	0.00E+00	3.08E-06	0.00E+00	0.00E+00	2.58E-05	0.00E+00	0.00E+00	2.22E-04
132	ALL	670140.6	4341771	NonCancer	1.71E-05	6.56E-05	1.96E-04	0.00E+00	0.00E+00	0.00E+00	8.96E-05	4.68E-05	0.00E+00	2.70E-06	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	1.96E-04
133	ALL	670361.9	4341771	NonCancer	1.43E-05	4.86E-05	1.40E-04	0.00E+00	0.00E+00	0.00E+00	7.02E-05	7.21E-05	0.00E+00	1.88E-06	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	1.40E-04
134	ALL	670583.2	4341771	NonCancer	1.96E-05	7.13E-05	2.27E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04	1.55E-04	0.00E+00	2.92E-06	0.00E+00	0.00E+00	4.54E-05	0.00E+00	0.00E+00	2.27E-04
135	ALL	670804.5	4341771	NonCancer	3.44E-05	1.39E-04	5.65E-04	0.00E+00	0.00E+00	0.00E+00	3.28E-04	1.91E-04	0.00E+00	6.33E-06	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	5.65E-04
136	ALL	671025.8	4341771	NonCancer	4.56E-05	1.85E-04	9.75E-04	0.00E+00	0.00E+00	0.00E+00	6.64E-04	4.82E-05	0.00E+00	9.05E-06	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	9.75E-04
137	ALL	671689.8	4341771	NonCancer	6.93E-05	3.46E-04	1.26E-03	0.00E+00	0.00E+00	0.00E+00	5.84E-04	4.37E-05	0.00E+00	1.64E-05	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	1.26E-03
138	ALL	671911.1	4341771	NonCancer	4.89E-05	2.18E-04	7.27E-04	0.00E+00	0.00E+00	0.00E+00	3.29E-04	2.94E-05	0.00E+00	9.76E-06	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	7.27E-04
139	ALL	672132.4	4341771	NonCancer	1.89E-05	6.90E-05	1.96E-04	0.00E+00	0.00E+00	0.00E+00	8.97E-05	1.55E-05	0.00E+00	2.75E-06	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	1.96E-04
140	ALL	672353.7	4341771	NonCancer	1.38E-05	4.69E-05	1.24E-04	0.00E+00	0.00E+00	0.00E+00	5.70E-05	1.10E-05	0.00E+00	1.77E-06	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	1.24E-04
141	ALL	672575	4341771	NonCancer	1.61E-05	4.49E-05	9.68E-05	0.00E+00	0.00E+00	0.00E+00	4.93E-05	9.96E-06	0.00E+00	1.42E-06	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	9.68E-05
142	ALL	668148.8	4341936	NonCancer	4.02E-06	1.28E-05	3.16E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05	6.82E-06	0.00E+00	4.59E-07	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	3.16E-05
143	ALL	668370.1	4341936	NonCancer	4.67E-06	1.47E-05	3.65E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-05	7.50E-06	0.00E+00	5.25E-07	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	3.65E-05
144	ALL	668591.4	4341936	NonCancer	5.60E-06	1.73E-05	4.17E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-05	8.37E-06	0.00E+00	6.02E-07	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	4.17E-05
145	ALL	668812.7	4341936	NonCancer	6.88E-06	2.05E-05	4.77E-05	0.00E+00	0.00E+00	0.00E+00	2.35E-05	9.54E-06	0.00E+00	6.92E-07	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	4.77E-05
146	ALL	669034	4341936	NonCancer	8.50E-06	2.44E-05	5.50E-05	0.00E+00	0.00E+00	0.00E+00	2.78E-05	1.11E-05	0.00E+00	7.99E-07	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	5.50E-05
147	ALL	669255.3	4341936	NonCancer	1.03E-05	2.90E-05	7.15E-05	0.00E+00	0.00E+00	0.00E+00	4.05E-05	1.19E-05	0.00E+00	9.50E-07	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	7.15E-05
148	ALL	669476.7	4341936	NonCancer	1.83E-05	7.42E-05	2.23E-04	0.00E+00	0.00E+00	0.00E+00	9.72E-05	1.66E-05	0.00E+00	3.13E-06	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	2.23E-04
149	ALL	669698	4341936	NonCancer	1.70E-05	6.79E-05	2.03E-04	0.00E+00	0.00E+00	0.00E+00	8.87E-05	2.14E-05	0.00E+00	2.84E-06	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	2.03E-04
150	ALL	669919.3	4341936	NonCancer	1.42E-05	5.25E-05	1.51E-04	0.00E+00	0.00E+00	0.00E+00	6.92E-05	2.52E-05	0.00E+00	2.11E-06	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	1.51E-04
151	ALL	670140.6	4341936	NonCancer	1.45E-05	5.21E-05	1.50E-04	0.00E+00	0.00E+00	0.00E+00	7.08E-05	3.20E-05	0.00E+00	2.06E-06	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	1.50E-04
152	ALL	670361.9	4341936	NonCancer	1.60E-05	5.88E-05	1.74E-04	0.00E+00	0.00E+00	0.00E+00	8.27E-05	4.43E-05	0.00E+00	2.36E-06	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	1.74E-04
153	ALL	670583.2	4341936	NonCancer	2.78E-05	1.17E-04	3.95E-04	0.00E+00	0.00E+00	0.00E+00	1.90E-04	7.86E-05	0.00E+00	5.14E-06	0.00E+00	0.00E+00	7.38E-05	0.00E+00	0.00E+00	3.95E-04
154	ALL	670804.5	4341936	NonCancer	3.07E-05	1.10E-04	4.53E-04	0.00E+00	0.00E+00	0.00E+00	2.86E-04	1.74E-04	0.00E+00	4.78E-06	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	4.53E-04
155	ALL	671468.4	4341936	NonCancer	8.81E-05	4.06E-04	1.59E-03	0.00E+00	0.00E+00	0.00E+00	8.35E-04	7.98E-05	0.00E+00	1.91E-05	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	1.59E-03
156	ALL	671689.8	4341936	NonCancer	4.52E-05	1.80E-04	6.92E-04	0.00E+00	0.00E+00	0.00E+00	3.93E-04	4.35E-05	0.00E+00	7.98E-06	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	6.92E-04
157	ALL	671911.1	4341936	NonCancer	3.67E-05	1.49E-04	4.92E-04	0.00E+00	0.00E+00	0.00E+00	2.39E-04	2.98E-05	0.00E+00	6.42E-06	0.00E+00	0.00E+00	9.04E-05	0.00E+00	0.00E+00	4.92E-04
158	ALL	672132.4	4341936	NonCancer	1.69E-05	5.67E-05	1.55E-04	0.00E+00	0.00E+00	0.00E+00	7.51E-05	1.72E-05	0.00E+00	2.14E-06	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	1.55E-04
159	ALL	672353.7	4341936	NonCancer	1.13E-05	3.70E-05	9.56E-05	0.00E+00	0.00E+00	0.00E+00	4.50E-05	1.17E-05	0.00E+00	1.36E-06	0.00E+00	0.00E+00	8.02E-06	0.00E+00	0.00E+00	9.56E-05
160	ALL	672575	4341936	NonCancer	2.24E-05	9.36E-05	2.84E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04	1.36E-05	0.00E+00	4.01E-06	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	2.84E-04
161	ALL	668148.8	4342101	NonCancer	4.03E-06	1.29E-05	3.23E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-05	6.58E-06	0.00E+00	4.64E-07	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	3.23E-05
162	ALL	668370.1	4342101	NonCancer	4.80E-06	1.51E-05	3.72E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-05	7.26E-06	0.00E+00	5.36E-07	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	3.72E-05
163	ALL	668591.4	4342101	NonCancer	5.96E-06	1.80E-05	4.25E-05	0.00E+00	0.00E+00	0.00E+00	2.07E-05	8.15E-06	0.00E+00	6.16E-07	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	4.25E-05
164	ALL	668812.7	4342101	NonCancer	6.96E-06	2.06E-05	4.79E-05	0.00E+00	0.00E+00	0.00E+00	2.36E-05	8.94E-06	0.00E+00	6.94E-07	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	4.79E-05
165	ALL	669034	4342101	NonCancer	8.57E-06	2.46E-05	5.53E-05	0.00E+00	0.00E+00	0.00E+00	2.79E-05	1.03E-05	0.00E+00	8.02E-07	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	5.53E-05
166	ALL	669255.3	4342101	NonCancer	1.01E-05	2.86E-05	6.36E-05	0.00E+00	0.00E+00	0.00E+00	3.25E-05	1.10E-05	0.00E+00	9.23E-07	0.00E+00	0.00E+00	3.85E-06	0.00E+00	0.00E+00	6.36E-05
167	ALL	669476.7	4342101	NonCancer	1.82E-05	7.34E-05	2.19E-04	0.00E+00	0.00E+00	0.00E+00	9.54E-05	1.46E-05	0.00E+00	3.08E-06	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	2.19E-04
168	ALL	669698	4342101	NonCancer	1.99E-05	8.31E-05	2.53E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04	1.87E-05	0.00E+00	3.55E-06	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	2.53E-04
169	ALL	669919.3	4342101	NonCancer	2.04E-05	8.50E-05	2.59E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-04	2.27E-05	0.00E+00	3.64E-06	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	2.59E-04
170	ALL	670140.6	4342101	NonCancer	1.84E-05	7.30E-05	2.17E-04	0.00E+00	0.00E+00	0.00E+00	9.54E-05	2.79E-05	0.00E+00	3.05E-06	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	2.17E-04
171	ALL	670361.9	4342101	NonCancer	2.64E-05	1.13E-04	3.64E-04	0.00E+00	0.00E+00	0.00E+00	1.64E-04	3.26E-05	0.00E+00	4.95E-06	0.00E+00	0.00E+00	5.10E-05	0.00E+00	0.00E+00	3.64E-04
172	ALL	670583.2	4342101	NonCancer	2.06E-05	7.61E-05	2.36E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04	3.93E-05	0.00E+00	3.11E-06	0.00E+00	0.00E+00	4.07E-05	0.00E+00	0.00E+00	2.36E-04
173	ALL	671468.4	4342101	NonCancer	3.89E-05	1.61E-04	8.02E-04	0.00E+00	0.00E+00	0.00E+00	5.26E-04	9.30E-05	0.00E+00	7.78E-06	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	8.02E-04
174	ALL	671689.8	4342101	NonCancer	2.48E-05	9.53E-05	4.12E-04	0.00E+00	0.00E+00	0.00E+00	2.58E-04	4.74E-05	0.00E+00	4.30E-06	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	4.12E-04
175	ALL	671911.1	4342101	NonCancer	2.52E-05	1.02E-04	3.48E-04	0.00E+00	0.00E+00	0.00E+00	1.75E-04	3.04E-05	0.00E+00	4.43E-06	0.00E+00	0.00E+00	7.27E-05	0.00E+00	0.00E+00	3.48E-04
176	ALL	672132.4	4342101	NonCancer	1.61E-05	6.05E-05	1.80E-04	0.00E+00	0.00E+00	0.00E+00	8.41E-05	1.95E-05	0.00E+00	2.46E-06	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	1.80E-04
177	ALL	672353.7	4342101	NonCancer	1.11E-05	3.83E-05	1.04E-04	0.00E+00	0.00E+00	0.00E+00	4.87E-05	1.32E-05	0.00E+00	1.47E-06	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-04
178	ALL	672575	4342101	NonCancer	2.13E-05	8.82E-05	2.68E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04	1.37E-05	0.00E+00	3.76E-06	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	2.68E-04
179	ALL	668148.8	4342266	NonCancer	4.06E-06	1.30E-05	3.28E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-05	6.71E-06	0.00E+00	4.69E-07	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	3.28E-05
180	ALL	668370.1	4342266	NonCancer	4.86E-06	1.52E-05	3.74E-05	0.00E+00	0.00E+00	0.00E+00	1.78E-05	7.39E-06	0.00E+00	5.39E-07	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	3.74E-05
181	ALL	668591.4	4342266	NonCancer	5.34E-06	1.65E-05	4.06E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-05	7.82E-06	0.00E+00	5.82E-07	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	4.06E-05
182	ALL	668812.7	4342266	NonCancer	6.10E-06	1.88E-05	4.58E-05	0.00E+00	0.00E+00	0.00E+00	2.21E-05	8.52E-06	0.00E+00	6.58E-07	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	4.58E-05
183	ALL	669034	4342266	NonCancer	7.05E-06	2.16E-05	5.20E-05	0.00E+00	0.00E+00	0.00E+00	2.52E-05	9.07E-06	0.00E+00	7.51E-07	0.00E+00	0.00E+00	3.54E-06	0.00E+00	0.00E+00	5.20E-05
184	ALL	669255.3	4342266	NonCancer	8.76E-06	2.61E-05	6.11E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-05	1.01E-05	0.00E+00	8.85E-07	0.00E+00	0.00E+00	3.87E-06	0.00E+00	0.00E+00	6.11E-05
185	ALL	669476.7	4342266	NonCancer	1.05E-05	3.07E-05	7.08E-05	0.00E+00	0.00E+00	0.00E+00	3.52E-05	1.14E-05	0.00E+00	1.03E-06	0.00E+00	0.00E+00	4.43E-06	0.00E+00	0.00E+00	7.08E-05
186	ALL	669698	4342266	NonCancer	1.29E-05	3.73E-05	8.46E-05	0.00E+00	0.00E+00	0.00E+00	4.25E-05	1.43E-05	0.00E+00	1.23E-06	0.00E+00	0.00E+00	5.26E-06	0.00E+00	0.00E+00	8.46E-05
187	ALL	669919.3	4342266	NonCancer	1.44E-05	4.30E-05	1.01E-04	0.00E+00	0.00E+00	0.00E+00	4.94E-05	1.68E-05	0.00E+00	1.46E-06	0.00E+00	0.00E+00	6.37E-06	0.00E+00	0.00E+00	1.01E-04
188	ALL	670140.6	4342266	NonCancer	1.70E-05	5.59E-05	1.58E-04	0.00E+00	0.00E+00	0.00E+00	8.14E-05	2.08E-05	0.00E+00	2.10E-06	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	1.58E-04
189	ALL	670361.9	4342266	NonCancer	1.79E-05	6.06E-05	1.59E-04	0.00E+00	0.00E+00	0.00E+00	7.29E-05	2.64E-05	0.00E+00	2.28E-06	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	1.59E-04
190	ALL	670583.2	4342266	NonCancer	2.11E-05	7.75E-05	2.30E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04	4.27E-05	0.00E+00	3.12E-06	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	2.30E-04
191	ALL	670804.5	4342266	NonCancer	3.24E-05	1.22E-04	4.28E-04	0.00E+00	0.00E+00	0.00E+00	2.34E-04	8.09E-05	0.00E+00	5.17E-06	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	4.28E-04
192	ALL	671025.8	4342266	NonCancer	9.93E-05	4.71E-04	1.63E-03	0.00E+00	0.00E+00	0.00E+00	7.34E-04	2.56E-04	0.00E+00	2.18E-05	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	1.63E-03
193	ALL	671247.1	4342266	NonCancer	9.40E-05	4.53E-04	1.51E-03	0.00E+00	0.00E+00	0.00E+00	6.41E-04	1.78E-04	0.00E+00	2.08E-05	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	1.51E-03
194	ALL	671468.4	4342266	NonCancer	3.42E-05	1.39E-04	7.48E-04	0.00E+00	0.00E+00	0.00E+00	5.14E-04	7.75E-05	0.00E+00	6.85E-06	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	7.48E-04
195	ALL	671689.8	4342266	NonCancer	2.53E-05	9.80E-05	3.71E-04	0.00E+00	0.00E+00	0.00E+00	2.11E-04	4.57E-05	0.00E+00	4.28E-06	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	3.71E-04
196	ALL	671911.1	4342266	NonCancer	2.08E-05	7.94E-05	2.56E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-04	2.89E-05	0.00E+00	3.31E-06	0.00E+00	0.00E+00	4.89E-05	0.00E+00	0.00E+00	2.56E-04
197	ALL	672132.4	4342266	NonCancer	2.02E-05	8.22E-05	2.56E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04	2.10E-05	0.00E+00	3.50E-06	0.00E+00	0.00E+00	3.37E-05	0.00E+00	0.00E+00	2.56E-04

198	ALL	672353.7	4342266	NonCancer	1.77E-05	7.02E-05	2.12E-04	0.00E+00	0.00E+00	0.00E+00	9.46E-05	1.55E-05	0.00E+00	2.94E-06	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	2.12E-04
199	ALL	672575	4342266	NonCancer	1.26E-05	3.62E-05	8.11E-05	0.00E+00	0.00E+00	0.00E+00	4.04E-05	1.12E-05	0.00E+00	1.18E-06	0.00E+00	0.00E+00	4.20E-06	0.00E+00	0.00E+00	8.11E-05
200	ALL	668148.8	4342431	NonCancer	3.82E-06	1.22E-05	3.02E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	6.92E-06	0.00E+00	4.38E-07	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	3.02E-05
201	ALL	668370.1	4342431	NonCancer	4.45E-06	1.42E-05	3.59E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-05	7.57E-06	0.00E+00	5.12E-07	0.00E+00	0.00E+00	2.94E-06	0.00E+00	0.00E+00	3.59E-05
202	ALL	668591.4	4342431	NonCancer	4.98E-06	1.54E-05	3.72E-05	0.00E+00	0.00E+00	0.00E+00	1.77E-05	8.05E-06	0.00E+00	5.40E-07	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	3.72E-05
203	ALL	668812.7	4342431	NonCancer	5.69E-06	1.74E-05	4.14E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-05	8.73E-06	0.00E+00	6.01E-07	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	4.14E-05
204	ALL	669034	4342431	NonCancer	6.58E-06	1.99E-05	4.69E-05	0.00E+00	0.00E+00	0.00E+00	2.27E-05	9.22E-06	0.00E+00	6.80E-07	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	4.69E-05
205	ALL	669255.3	4342431	NonCancer	7.64E-06	2.30E-05	5.50E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-05	9.74E-06	0.00E+00	7.89E-07	0.00E+00	0.00E+00	4.18E-06	0.00E+00	0.00E+00	5.50E-05
206	ALL	669476.7	4342431	NonCancer	9.13E-06	2.78E-05	6.64E-05	0.00E+00	0.00E+00	0.00E+00	3.22E-05	1.07E-05	0.00E+00	9.59E-07	0.00E+00	0.00E+00	4.47E-06	0.00E+00	0.00E+00	6.64E-05
207	ALL	669698	4342431	NonCancer	1.04E-05	3.20E-05	7.71E-05	0.00E+00	0.00E+00	0.00E+00	3.71E-05	1.22E-05	0.00E+00	1.11E-06	0.00E+00	0.00E+00	5.07E-06	0.00E+00	0.00E+00	7.71E-05
208	ALL	669919.3	4342431	NonCancer	1.24E-05	3.86E-05	9.37E-05	0.00E+00	0.00E+00	0.00E+00	4.46E-05	1.59E-05	0.00E+00	1.36E-06	0.00E+00	0.00E+00	5.99E-06	0.00E+00	0.00E+00	9.37E-05
209	ALL	670140.6	4342431	NonCancer	1.40E-05	4.52E-05	1.13E-04	0.00E+00	0.00E+00	0.00E+00	5.24E-05	2.15E-05	0.00E+00	1.64E-06	0.00E+00	0.00E+00	7.23E-06	0.00E+00	0.00E+00	1.13E-04
210	ALL	670361.9	4342431	NonCancer	1.66E-05	5.65E-05	1.47E-04	0.00E+00	0.00E+00	0.00E+00	6.63E-05	3.06E-05	0.00E+00	2.13E-06	0.00E+00	0.00E+00	9.85E-06	0.00E+00	0.00E+00	1.47E-04
211	ALL	670583.2	4342431	NonCancer	2.79E-05	1.08E-04	3.35E-04	0.00E+00	0.00E+00	0.00E+00	1.60E-04	5.80E-05	0.00E+00	4.48E-06	0.00E+00	0.00E+00	5.24E-05	0.00E+00	0.00E+00	3.35E-04
212	ALL	670804.5	4342431	NonCancer	3.79E-05	1.49E-04	5.64E-04	0.00E+00	0.00E+00	0.00E+00	3.17E-04	1.34E-04	0.00E+00	6.57E-06	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	5.64E-04
213	ALL	671025.8	4342431	NonCancer	6.78E-05	2.90E-04	1.01E-03	0.00E+00	0.00E+00	0.00E+00	4.95E-04	2.03E-04	0.00E+00	1.29E-05	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	1.01E-03
214	ALL	671247.1	4342431	NonCancer	3.57E-05	1.47E-04	5.12E-04	0.00E+00	0.00E+00	0.00E+00	2.57E-04	1.51E-04	0.00E+00	6.48E-06	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	5.12E-04
215	ALL	671468.4	4342431	NonCancer	2.53E-05	1.02E-04	5.52E-04	0.00E+00	0.00E+00	0.00E+00	3.83E-04	6.15E-05	0.00E+00	5.01E-06	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	5.52E-04
216	ALL	671689.8	4342431	NonCancer	2.06E-05	7.44E-05	2.34E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04	3.60E-05	0.00E+00	3.01E-06	0.00E+00	0.00E+00	4.57E-05	0.00E+00	0.00E+00	2.34E-04
217	ALL	671911.1	4342431	NonCancer	1.72E-05	6.32E-05	1.89E-04	0.00E+00	0.00E+00	0.00E+00	9.13E-05	2.45E-05	0.00E+00	2.55E-06	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	1.89E-04
218	ALL	672132.4	4342431	NonCancer	1.89E-05	7.74E-05	2.40E-04	0.00E+00	0.00E+00	0.00E+00	1.07E-04	1.96E-05	0.00E+00	3.30E-06	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	2.40E-04
219	ALL	672353.7	4342431	NonCancer	1.48E-05	4.85E-05	1.39E-04	0.00E+00	0.00E+00	0.00E+00	7.26E-05	1.44E-05	0.00E+00	1.83E-06	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	1.39E-04
220	ALL	672575	4342431	NonCancer	1.20E-05	3.36E-05	7.37E-05	0.00E+00	0.00E+00	0.00E+00	3.76E-05	1.11E-05	0.00E+00	1.07E-06	0.00E+00	0.00E+00	4.00E-06	0.00E+00	0.00E+00	7.37E-05
221	ALL	668148.8	4342596	NonCancer	3.80E-06	1.22E-05	3.04E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	7.37E-06	0.00E+00	4.41E-07	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	3.04E-05
222	ALL	668370.1	4342596	NonCancer	4.28E-06	1.35E-05	3.31E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-05	7.93E-06	0.00E+00	4.80E-07	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	3.31E-05
223	ALL	668591.4	4342596	NonCancer	4.91E-06	1.52E-05	3.67E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-05	8.60E-06	0.00E+00	5.33E-07	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	3.67E-05
224	ALL	668812.7	4342596	NonCancer	5.64E-06	1.72E-05	4.12E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-05	9.38E-06	0.00E+00	5.98E-07	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	4.12E-05
225	ALL	669034	4342596	NonCancer	6.49E-06	1.97E-05	4.68E-05	0.00E+00	0.00E+00	0.00E+00	2.26E-05	1.00E-05	0.00E+00	6.79E-07	0.00E+00	0.00E+00	2.90E-06	0.00E+00	0.00E+00	4.68E-05
226	ALL	669255.3	4342596	NonCancer	7.39E-06	2.26E-05	5.50E-05	0.00E+00	0.00E+00	0.00E+00	2.71E-05	1.06E-05	0.00E+00	7.85E-07	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	5.50E-05
227	ALL	669476.7	4342596	NonCancer	8.51E-06	2.57E-05	6.17E-05	0.00E+00	0.00E+00	0.00E+00	3.04E-05	1.15E-05	0.00E+00	8.85E-07	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	6.17E-05
228	ALL	669698	4342596	NonCancer	1.02E-05	3.13E-05	7.54E-05	0.00E+00	0.00E+00	0.00E+00	3.62E-05	1.37E-05	0.00E+00	1.09E-06	0.00E+00	0.00E+00	4.91E-06	0.00E+00	0.00E+00	7.54E-05
229	ALL	669919.3	4342596	NonCancer	1.14E-05	3.56E-05	8.67E-05	0.00E+00	0.00E+00	0.00E+00	4.13E-05	1.59E-05	0.00E+00	1.25E-06	0.00E+00	0.00E+00	5.70E-06	0.00E+00	0.00E+00	8.67E-05
230	ALL	670140.6	4342596	NonCancer	1.45E-05	4.57E-05	1.12E-04	0.00E+00	0.00E+00	0.00E+00	5.25E-05	2.37E-05	0.00E+00	1.62E-06	0.00E+00	0.00E+00	6.79E-06	0.00E+00	0.00E+00	1.12E-04
231	ALL	670361.9	4342596	NonCancer	1.85E-05	5.76E-05	1.39E-04	0.00E+00	0.00E+00	0.00E+00	6.56E-05	4.35E-05	0.00E+00	2.02E-06	0.00E+00	0.00E+00	8.06E-06	0.00E+00	0.00E+00	1.39E-04
232	ALL	670583.2	4342596	NonCancer	3.85E-05	1.76E-04	5.39E-04	0.00E+00	0.00E+00	0.00E+00	2.10E-04	8.51E-05	0.00E+00	7.82E-06	0.00E+00	0.00E+00	3.41E-05	0.00E+00	0.00E+00	5.39E-04
233	ALL	670804.5	4342596	NonCancer	5.74E-05	2.66E-04	8.65E-04	0.00E+00	0.00E+00	0.00E+00	3.65E-04	1.19E-04	0.00E+00	1.20E-05	0.00E+00	0.00E+00	9.91E-05	0.00E+00	0.00E+00	8.65E-04
234	ALL	671025.8	4342596	NonCancer	6.10E-05	2.81E-04	9.57E-04	0.00E+00	0.00E+00	0.00E+00	4.31E-04	1.53E-04	0.00E+00	1.28E-05	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	9.57E-04
235	ALL	671247.1	4342596	NonCancer	4.30E-05	1.97E-04	6.71E-04	0.00E+00	0.00E+00	0.00E+00	3.03E-04	1.18E-04	0.00E+00	8.97E-06	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	6.71E-04
236	ALL	671468.4	4342596	NonCancer	1.81E-05	6.83E-05	4.22E-04	0.00E+00	0.00E+00	0.00E+00	3.15E-04	5.14E-05	0.00E+00	3.45E-06	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	4.22E-04
237	ALL	671689.8	4342596	NonCancer	1.35E-05	4.77E-05	1.83E-04	0.00E+00	0.00E+00	0.00E+00	1.12E-04	2.80E-05	0.00E+00	2.01E-06	0.00E+00	0.00E+00	6.48E-05	0.00E+00	0.00E+00	1.83E-04
238	ALL	671911.1	4342596	NonCancer	1.20E-05	4.02E-05	1.08E-04	0.00E+00	0.00E+00	0.00E+00	5.13E-05	1.94E-05	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.08E-04
239	ALL	672132.4	4342596	NonCancer	1.44E-05	5.33E-05	1.54E-04	0.00E+00	0.00E+00	0.00E+00	7.08E-05	1.61E-05	0.00E+00	2.14E-06	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	1.54E-04
240	ALL	672353.7	4342596	NonCancer	1.74E-05	6.77E-05	2.07E-04	0.00E+00	0.00E+00	0.00E+00	9.65E-05	1.42E-05	0.00E+00	2.82E-06	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	2.07E-04
241	ALL	672575	4342596	NonCancer	1.20E-05	3.32E-05	7.14E-05	0.00E+00	0.00E+00	0.00E+00	3.69E-05	1.04E-05	0.00E+00	1.04E-06	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	7.14E-05
242	ALL	668148.8	4342761	NonCancer	3.81E-06	1.24E-05	3.15E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05	7.94E-06	0.00E+00	4.52E-07	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	3.15E-05
243	ALL	668370.1	4342761	NonCancer	4.32E-06	1.39E-05	3.57E-05	0.00E+00	0.00E+00	0.00E+00	1.71E-05	8.65E-06	0.00E+00	5.06E-07	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	3.57E-05
244	ALL	668591.4	4342761	NonCancer	4.82E-06	1.52E-05	3.71E-05	0.00E+00	0.00E+00	0.00E+00	1.75E-05	9.33E-06	0.00E+00	5.38E-07	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	3.71E-05
245	ALL	668812.7	4342761	NonCancer	5.36E-06	1.70E-05	4.31E-05	0.00E+00	0.00E+00	0.00E+00	2.09E-05	1.02E-05	0.00E+00	6.09E-07	0.00E+00	0.00E+00	3.97E-06	0.00E+00	0.00E+00	4.31E-05
246	ALL	669034	4342761	NonCancer	6.28E-06	1.98E-05	4.97E-05	0.00E+00	0.00E+00	0.00E+00	2.40E-05	1.09E-05	0.00E+00	7.07E-07	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	4.97E-05
247	ALL	669255.3	4342761	NonCancer	7.34E-06	2.29E-05	5.62E-05	0.00E+00	0.00E+00	0.00E+00	2.70E-05	1.14E-05	0.00E+00	8.07E-07	0.00E+00	0.00E+00	4.17E-06	0.00E+00	0.00E+00	5.62E-05
248	ALL	669476.7	4342761	NonCancer	8.28E-06	2.55E-05	6.24E-05	0.00E+00	0.00E+00	0.00E+00	3.04E-05	1.17E-05	0.00E+00	8.92E-07	0.00E+00	0.00E+00	4.89E-06	0.00E+00	0.00E+00	6.24E-05
249	ALL	669698	4342761	NonCancer	1.13E-05	3.36E-05	7.80E-05	0.00E+00	0.00E+00	0.00E+00	3.82E-05	1.55E-05	0.00E+00	1.13E-06	0.00E+00	0.00E+00	4.67E-06	0.00E+00	0.00E+00	7.80E-05
250	ALL	669919.3	4342761	NonCancer	1.27E-05	3.83E-05	9.01E-05	0.00E+00	0.00E+00	0.00E+00	4.35E-05	2.01E-05	0.00E+00	1.31E-06	0.00E+00	0.00E+00	5.23E-06	0.00E+00	0.00E+00	9.01E-05
251	ALL	670140.6	4342761	NonCancer	2.30E-05	9.04E-05	2.67E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04	3.24E-05	0.00E+00	3.75E-06	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	2.67E-04
252	ALL	670361.9	4342761	NonCancer	3.44E-05	1.52E-04	4.62E-04	0.00E+00	0.00E+00	0.00E+00	1.87E-04	5.59E-05	0.00E+00	6.64E-06	0.00E+00	0.00E+00	3.49E-05	0.00E+00	0.00E+00	4.62E-04
253	ALL	670583.2	4342761	NonCancer	3.35E-05	1.54E-04	4.78E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-04	8.24E-05	0.00E+00	6.88E-06	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	4.78E-04
254	ALL	670804.5	4342761	NonCancer	4.44E-05	2.05E-04	6.84E-04	0.00E+00	0.00E+00	0.00E+00	3.00E-04	9.90E-05	0.00E+00	9.31E-06	0.00E+00	0.00E+00	9.55E-05	0.00E+00	0.00E+00	6.84E-04
255	ALL	671025.8	4342761	NonCancer	4.24E-05	1.95E-04	6.76E-04	0.00E+00	0.00E+00	0.00E+00	3.14E-04	1.09E-04	0.00E+00	8.89E-06	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	6.76E-04
256	ALL	671247.1	4342761	NonCancer	2.13E-05	8.60E-05	3.15E-04	0.00E+00	0.00E+00	0.00E+00	1.69E-04	8.09E-05	0.00E+00	3.80E-06	0.00E+00	0.00E+00	8.37E-05	0.00E+00	0.00E+00	3.15E-04
257	ALL	671468.4	4342761	NonCancer	1.49E-05	5.62E-05	2.53E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04	4.52E-05	0.00E+00	2.55E-06	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	2.53E-04
258	ALL	671689.8	4342761	NonCancer	1.23E-05	4.43E-05	1.71E-04	0.00E+00	0.00E+00	0.00E+00	1.04E-04	2.55E-05	0.00E+00	1.89E-06	0.00E+00	0.00E+00	5.98E-05	0.00E+00	0.00E+00	1.71E-04
259	ALL	671911.1	4342761	NonCancer	9.67E-06	3.25E-05	1.11E-04	0.00E+00	0.00E+00	0.00E+00	6.52E-05	1.61E-05	0.00E+00	1.29E-06	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	1.11E-04
260	ALL	672132.4	4342761	NonCancer	1.09E-05	3.73E-05	1.02E-04	0.00E+00	0.00E+00	0.00E+00	4.89E-05	1.37E-05	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	1.02E-04
261	ALL	672353.7	4342761	NonCancer	1.91E-05	7.64E-05	2.31E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04	1.35E-05	0.00E+00	3.21E-06	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	2.31E-04
262	ALL	672575	4342761	NonCancer	1.54E-05	5.62E-05	1.64E-04	0.00E+00	0.00E+00	0.00E+00	7.76E-05	1.05E-05	0.00E+00	2.25E-06	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	1.64E-04
263	ALL	668148.8	4342926	NonCancer	3.68E-06	1.21E-05	3.14E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05	8.52E-06	0.00E+00	4.49E-07	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	3.14E-05
264	ALL	668370.1	4342926	NonCancer	4.09E-06	1.34E-05	3.50E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-05	9.20E-06	0.00E+00	4.95E-07	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	3.50E-05
265	ALL	668591.4	4342926	NonCancer	4.67E-06	1.52E-05	3.96E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-05	9.88E-06	0.00E+00	5.58E-07	0.00E+00	0.00E+00	3.89E-06	0.00E+00	0.00E+00	3.96E-05
266	ALL	668812.7	4342926	NonCancer	5.25E-06	1.68E-05	4.40E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-05	1.04E-05	0.00E+00	6.12E-07	0.00E+00	0.00E+00	4.96E-06	0.00E+00	0.00E+00	4.40E-05
267	ALL	669034	4342926	NonCancer	6.04E-06	1.91E-05	4.90E-05	0.00E+00	0.00E+00	0.00E+00	2.41E-05	1.08E-05	0.00E+00	6.87E-07	0.00E+00	0.00E+00	5.02E-06	0.00E+00	0.00E+00	4.90E-05
268	ALL	669476.7	4342926	NonCancer	7.83E-06	2.48E-05	6.16E-05	0.00E+00	0.00E+00	0.00E+00	2.92E-05	1.23E-05	0.00E+00	8.87E-07	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	6.16E-05
269	ALL	669698	4342926	NonCancer	1.07E-05	3.19E-05	7.45E-05	0.00E+00	0.00E+00	0.00E+00	3.61E-05	1.80E-05	0.00E+00	1.09E-06	0.00E+00	0.00E+00	4.23E-06	0.00E+00	0.00E+00	7.45E-05
270	ALL	669919.3	4342926	NonCancer	1.65E-05	5.73E-05	1.61E-04	0.00E+00	0.00E+00	0.00E+00	7.75E-05	2.43E-05	0.00E+00	2.21E-06	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	1.61E-04
271	ALL	670140.6	4342926	NonCancer	2.92E-05	1.31E-04	4.00E-04	0.00E+00	0.00E+00	0.00E+00	1.59E-04	4.20E-05	0.00E+00	5.77E-06	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	4.00E-04
272	ALL	670361.9	4342926	NonCancer	3.36E-05	1.55E-04	4.74E-04	0.00E+00	0.00E+00	0.00E+00	1.85E-04	5.77E-05	0.00E+00	6.88E-06	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	4.74E-04
273	ALL	670583.2	4342926	NonCancer	3.35E-05	1.38E-04	4.33E-04	0.00E+00	0.00E+00	0.00E+00	1.94E-04	6.66E-05	0.00E+00	5.93E-06	0.00E+00	0.00E+00	5.63E-05	0.00E+00	0.00E+00	4.33E-04
274	ALL	670804.5	4342926	NonCancer	4.38E-05	1.99E-04	6.49E-04	0.00E+00	0.00E+00	0.00E+00	2.82E-04	8.07E-05	0.00E+00	8.90E-06	0.00E+00	0.00E+00	8.33E-05	0.00E+00	0.00E+00	6.49E-04
275	ALL	671025.8	4342926	NonCancer	1.94E-05	7.76E-05	2.87E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04	7.25E-05	0.00E+00	3.42E-06	0.00E+00	0.00E+00	7.98E-05	0.00E+00	0.00E+00	2.87E-04
276	ALL	671247.1	4342926	NonCancer	1.81E-05	7.04E-05	2.63E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-04	6.14E-05	0.00E+00	3.08E-06	0.00E+00	0.00E+00	7.77E-05	0.00E+00	0.00E+00	2.63E-04
277	ALL	671468.4	4342926	NonCancer	1.22E-05	4.42E-05	1.60E-04	0.00E+00	0.00E+00	0.00E+00	9.22E-05	3.65E-05	0.00E+00	1.86E-06	0.00E+00	0.00E+00	4.81E-05	0.00E+00	0.00E+00	1.60E-04
278	ALL	671689.8	4342926	NonCancer	1.07E-05	3.72E-05	1.14E-04	0.00E+00	0.00E+00	0.00E+00	5.94E-05	2.23E-05	0.00E+00	1.47E-06	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	1.14E-04
279	ALL	671911.1	4342926	NonCancer	8.75E-06	2.95E-05	1.19E-04	0.00E+00	0.00E+00	0.00E+00	7.76E-05	1.46E-05	0.00E+00	1.23E-06	0.00E+00	0.00E+00	4.83E-05	0.00E+00	0.00E+00	1.19E-04
280	ALL	672132.4	4342926	NonCancer	7.96E-06	2.51E-05	6.43E-05	0.00E+00	0.00E+00	0.00E+00	3.18E-05	1.04E-05	0.00E+00	9.00E-07	0.00E+00	0.00E+00	6.68E-06	0.00E+00	0.00E+00	6.43E-05
281	ALL	672353.7	4342926	NonCancer	1.22E-05	4.43E-05	1.25E-04	0.00E+00	0.00E+00	0.00E+00	5.77E-05	1.09E-05	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	1.25E-04
282	ALL	672575	4342926	NonCancer	1.70E-05	6.66E-05	1.96E-04	0.00E+00	0.00E+00	0.00E+00	8.67E-05	1.04E-05	0.00E+00	2.75E-06	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	1.96E-04
283	ALL	668148.8	4343090	NonCancer	3.53E-06	1.15E-05	2.90E-05	0.00E+00	0.00E+00	0.00E+00	1.34E-05	8.77E-06	0.00E+00	4.21E-07	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	2.90E-05
284	ALL	668370.1	4343090	NonCancer	3.91E-06	1.27E-05	3.22E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-05	9.23E-06	0.00E+00	4.65E-07	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	3.22E-05
285	ALL	668591.4	4343090	NonCancer	4.51E-06	1.48E-05	3.93E-05	0.00E+00	0.00E+00	0.00E+00	1.91E-05	9.71E-06	0.00E+00	5.46E-07	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	3.93E-05
286	ALL	669476.7	4343090	NonCancer	7.12E-06	2.27E-05	5.71E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-05	1.32E-05	0.00E+00	8.17E-07	0.00E+00	0.00E+00	4.53E-06	0.00E+00	0.00E+00	5.71E-05
287	ALL	669698	4343090	NonCancer	8.40E-06	2.61E-05	6.34E-05	0.00E+00	0.00E+00	0.00E+00	3.01E-05	1.75E-05	0.00E+00	9.19E-07	0.00E+00	0.00E+00	3.97E-06	0.00E+00	0.00E+00	6.34E-05
288	ALL	669919.3	4343090	NonCancer	1.03E-05	3.15E-05	7.50E-05	0.00E+00	0.00E+00	0.00E+00	3.57E-05	2.65E-05	0.00E+00	1.09E-06	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	7.50E-05
289	ALL	670140.6	4343090	NonCancer	1.68E-05	5.63E-05	1.56E-04	0.00E+00	0.00E+00	0.00E+00	7.71E-05	3.77E-05	0.00E+00	2.14E-06	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	1.56E-04
290	ALL	670361.9	4343090	NonCancer	1.39E-05	4.23E-05	1.01E-04	0.00E+00	0.00E+00	0.00E+00	4.86E-05	4.78E-05	0.00E+00	1.47E-06	0.00E+00	0.00E+00	6.31E-06	0.00E+00	0.00E+00	1.01E-04
291	ALL	670583.2	4343090	NonCancer	1.45E-05	4.59E-05	1.37E-04	0.00E+00	0.00E+00	0.00E+00	7.73E-05	5.17E-05	0.00E+00	1.71E-06	0.00E+00	0.00E+00	3.15E-05	0.00E+00	0.00E+00	1.37E-04
292	ALL	670804.5	4343090	NonCancer	2.94E-05	1.19E-04	4.19E-04	0.00E+00	0.00E+00	0.00E+00	2.17E-04	6.27E-05	0.00E+00	5.23E-06	0.00E+00	0.00E+00	9.74E-05	0.00E+00	0.00E+00	4.19E-04
293	ALL	671025.8	4343090	NonCancer	1.49E-05	5.73E-05	2.16E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04	5.42E-05	0.00E+00	2.50E-06	0.00E+00	0.00E+00	6.57E-05	0.00E+00	0.00E+00	2.16E-04
294	ALL	671247.1	4343090	NonCancer	1.44E-05	5.34E-05	2.03E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04	4.72E-05	0.00E+00	2.29E-06	0.00E+00	0.00E+00	6.66E-05	0.00E+00	0.00E+00	2.03E-04
295	ALL	671468.4	4343090	NonCancer	1.08E-05	3.86E-05	1.16E-04	0.00E+00	0.00E+00	0.00E+00	5.74E-05	3.08E-05	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.89E-05	0.00E+00	0.00E+00	1.16E-04
296	ALL	671689.8	4343090	NonCancer	9.25E-06	3.17E-05	8.54E-05	0.00E+00	0.00E+00	0.00E+00	3.97E-05	1.96E-05	0.00E+00	1.21E-06	0.00E+00	0.00E+00	8.02E-06	0.00E+00	0.00E+00	8.54E-05

297	ALL	671911.1	4343090	NonCancer	8.07E-06	2.66E-05	1.08E-04	0.00E+00	0.00E+00	7.17E-05	1.31E-05	0.00E+00	1.10E-06	0.00E+00	0.00E+00	4.52E-05	0.00E+00	0.00E+00	1.08E-04
298	ALL	672132.4	4343090	NonCancer	6.85E-06	2.26E-05	7.87E-05	0.00E+00	0.00E+00	4.78E-05	9.62E-06	0.00E+00	8.94E-07	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	7.87E-05
299	ALL	672353.7	4343090	NonCancer	6.39E-06	1.98E-05	4.92E-05	0.00E+00	0.00E+00	2.40E-05	7.20E-06	0.00E+00	6.99E-07	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	4.92E-05
300	ALL	672575	4343090	NonCancer	7.85E-06	2.64E-05	7.11E-05	0.00E+00	0.00E+00	3.40E-05	7.31E-06	0.00E+00	9.91E-07	0.00E+00	0.00E+00	7.70E-06	0.00E+00	0.00E+00	7.11E-05
301	ALL	668148.8	4343255	NonCancer	3.43E-06	1.13E-05	2.86E-05	0.00E+00	0.00E+00	1.31E-05	8.63E-06	0.00E+00	4.15E-07	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	2.86E-05
302	ALL	668370.1	4343255	NonCancer	3.80E-06	1.24E-05	3.15E-05	0.00E+00	0.00E+00	1.46E-05	8.84E-06	0.00E+00	4.55E-07	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	3.15E-05
303	ALL	668591.4	4343255	NonCancer	4.29E-06	1.40E-05	3.57E-05	0.00E+00	0.00E+00	1.67E-05	9.10E-06	0.00E+00	5.12E-07	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	3.57E-05
304	ALL	669476.7	4343255	NonCancer	6.80E-06	2.16E-05	5.37E-05	0.00E+00	0.00E+00	2.54E-05	1.53E-05	0.00E+00	7.74E-07	0.00E+00	0.00E+00	3.82E-06	0.00E+00	0.00E+00	5.37E-05
305	ALL	669698	4343255	NonCancer	7.47E-06	2.41E-05	6.03E-05	0.00E+00	0.00E+00	2.78E-05	1.99E-05	0.00E+00	8.75E-07	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	6.03E-05
306	ALL	669919.3	4343255	NonCancer	9.12E-06	2.86E-05	6.97E-05	0.00E+00	0.00E+00	3.26E-05	2.69E-05	0.00E+00	1.02E-06	0.00E+00	0.00E+00	3.96E-06	0.00E+00	0.00E+00	6.97E-05
307	ALL	670140.6	4343255	NonCancer	1.01E-05	3.22E-05	7.93E-05	0.00E+00	0.00E+00	3.66E-05	3.42E-05	0.00E+00	1.16E-06	0.00E+00	0.00E+00	4.38E-06	0.00E+00	0.00E+00	7.93E-05
308	ALL	670361.9	4343255	NonCancer	1.09E-05	3.51E-05	9.27E-05	0.00E+00	0.00E+00	4.54E-05	3.84E-05	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	9.27E-05
309	ALL	670583.2	4343255	NonCancer	1.16E-05	3.78E-05	1.07E-04	0.00E+00	0.00E+00	5.52E-05	4.16E-05	0.00E+00	1.41E-06	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	1.07E-04
310	ALL	670804.5	4343255	NonCancer	1.56E-05	4.68E-05	1.73E-04	0.00E+00	0.00E+00	1.17E-04	4.84E-05	0.00E+00	1.78E-06	0.00E+00	0.00E+00	7.05E-05	0.00E+00	0.00E+00	1.73E-04
311	ALL	671025.8	4343255	NonCancer	1.34E-05	5.28E-05	1.96E-04	0.00E+00	0.00E+00	1.09E-04	4.33E-05	0.00E+00	2.31E-06	0.00E+00	0.00E+00	5.60E-05	0.00E+00	0.00E+00	1.96E-04
312	ALL	671247.1	4343255	NonCancer	1.20E-05	4.38E-05	1.68E-04	0.00E+00	0.00E+00	1.00E-04	3.66E-05	0.00E+00	1.88E-06	0.00E+00	0.00E+00	5.65E-05	0.00E+00	0.00E+00	1.68E-04
313	ALL	671468.4	4343255	NonCancer	1.01E-05	3.61E-05	1.09E-04	0.00E+00	0.00E+00	5.48E-05	2.69E-05	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	1.09E-04
314	ALL	671689.8	4343255	NonCancer	8.16E-06	2.78E-05	7.37E-05	0.00E+00	0.00E+00	3.36E-05	1.74E-05	0.00E+00	1.05E-06	0.00E+00	0.00E+00	5.84E-06	0.00E+00	0.00E+00	7.37E-05
315	ALL	671911.1	4343255	NonCancer	7.07E-06	2.34E-05	8.64E-05	0.00E+00	0.00E+00	5.44E-05	1.19E-05	0.00E+00	9.41E-07	0.00E+00	0.00E+00	3.12E-05	0.00E+00	0.00E+00	8.64E-05
316	ALL	672132.4	4343255	NonCancer	6.41E-06	2.10E-05	8.18E-05	0.00E+00	0.00E+00	5.35E-05	8.78E-06	0.00E+00	8.52E-07	0.00E+00	0.00E+00	3.27E-05	0.00E+00	0.00E+00	8.18E-05
317	ALL	672353.7	4343255	NonCancer	6.06E-06	1.92E-05	4.87E-05	0.00E+00	0.00E+00	2.36E-05	6.82E-06	0.00E+00	6.90E-07	0.00E+00	0.00E+00	4.41E-06	0.00E+00	0.00E+00	4.87E-05
318	ALL	672575	4343255	NonCancer	5.17E-06	1.61E-05	4.01E-05	0.00E+00	0.00E+00	1.96E-05	5.29E-06	0.00E+00	5.69E-07	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	4.01E-05
319	ALL	668148.8	4343420	NonCancer	3.42E-06	1.14E-05	2.92E-05	0.00E+00	0.00E+00	1.33E-05	8.25E-06	0.00E+00	4.23E-07	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	2.92E-05
320	ALL	668370.1	4343420	NonCancer	3.70E-06	1.23E-05	3.15E-05	0.00E+00	0.00E+00	1.44E-05	8.42E-06	0.00E+00	4.55E-07	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	3.15E-05
321	ALL	668591.4	4343420	NonCancer	3.98E-06	1.32E-05	3.41E-05	0.00E+00	0.00E+00	1.58E-05	8.77E-06	0.00E+00	4.89E-07	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	3.41E-05
322	ALL	668812.7	4343420	NonCancer	4.39E-06	1.45E-05	3.87E-05	0.00E+00	0.00E+00	1.85E-05	9.59E-06	0.00E+00	5.42E-07	0.00E+00	0.00E+00	3.96E-06	0.00E+00	0.00E+00	3.87E-05
323	ALL	669034	4343420	NonCancer	4.73E-06	1.54E-05	5.29E-05	0.00E+00	0.00E+00	3.22E-05	1.09E-05	0.00E+00	6.03E-07	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	5.29E-05
324	ALL	669255.3	4343420	NonCancer	5.34E-06	1.71E-05	4.79E-05	0.00E+00	0.00E+00	2.54E-05	1.30E-05	0.00E+00	6.30E-07	0.00E+00	0.00E+00	8.36E-06	0.00E+00	0.00E+00	4.79E-05
325	ALL	669476.7	4343420	NonCancer	5.76E-06	1.88E-05	4.98E-05	0.00E+00	0.00E+00	2.43E-05	1.61E-05	0.00E+00	6.93E-07	0.00E+00	0.00E+00	5.54E-06	0.00E+00	0.00E+00	4.98E-05
326	ALL	669698	4343420	NonCancer	7.08E-06	2.30E-05	5.76E-05	0.00E+00	0.00E+00	2.64E-05	2.14E-05	0.00E+00	8.37E-07	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	5.76E-05
327	ALL	669919.3	4343420	NonCancer	7.87E-06	2.56E-05	6.41E-05	0.00E+00	0.00E+00	2.93E-05	2.59E-05	0.00E+00	9.33E-07	0.00E+00	0.00E+00	3.71E-06	0.00E+00	0.00E+00	6.41E-05
328	ALL	670140.6	4343420	NonCancer	8.07E-06	2.68E-05	6.85E-05	0.00E+00	0.00E+00	3.10E-05	2.90E-05	0.00E+00	9.95E-07	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	6.85E-05
329	ALL	670361.9	4343420	NonCancer	8.97E-06	2.98E-05	7.90E-05	0.00E+00	0.00E+00	3.75E-05	3.25E-05	0.00E+00	1.11E-06	0.00E+00	0.00E+00	7.75E-06	0.00E+00	0.00E+00	7.90E-05
330	ALL	670583.2	4343420	NonCancer	9.81E-06	3.27E-05	1.04E-04	0.00E+00	0.00E+00	5.86E-05	3.51E-05	0.00E+00	1.27E-06	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	1.04E-04
331	ALL	670804.5	4343420	NonCancer	1.36E-05	4.12E-05	1.42E-04	0.00E+00	0.00E+00	9.13E-05	3.98E-05	0.00E+00	1.55E-06	0.00E+00	0.00E+00	5.03E-05	0.00E+00	0.00E+00	1.42E-04
332	ALL	671025.8	4343420	NonCancer	2.45E-05	1.10E-04	3.78E-04	0.00E+00	0.00E+00	1.77E-04	4.10E-05	0.00E+00	4.96E-06	0.00E+00	0.00E+00	6.78E-05	0.00E+00	0.00E+00	3.78E-04
333	ALL	671247.1	4343420	NonCancer	1.51E-05	6.12E-05	2.25E-04	0.00E+00	0.00E+00	1.21E-04	3.35E-05	0.00E+00	2.70E-06	0.00E+00	0.00E+00	6.04E-05	0.00E+00	0.00E+00	2.25E-04
334	ALL	671468.4	4343420	NonCancer	8.81E-06	3.13E-05	1.10E-04	0.00E+00	0.00E+00	6.37E-05	2.27E-05	0.00E+00	1.29E-06	0.00E+00	0.00E+00	3.25E-05	0.00E+00	0.00E+00	1.10E-04
335	ALL	671689.8	4343420	NonCancer	7.14E-06	2.51E-05	6.73E-05	0.00E+00	0.00E+00	3.00E-05	1.58E-05	0.00E+00	9.66E-07	0.00E+00	0.00E+00	5.00E-06	0.00E+00	0.00E+00	6.73E-05
336	ALL	671911.1	4343420	NonCancer	6.46E-06	2.13E-05	6.07E-05	0.00E+00	0.00E+00	3.12E-05	1.09E-05	0.00E+00	8.05E-07	0.00E+00	0.00E+00	9.93E-06	0.00E+00	0.00E+00	6.07E-05
337	ALL	672132.4	4343420	NonCancer	5.60E-06	1.84E-05	7.46E-05	0.00E+00	0.00E+00	4.95E-05	8.02E-06	0.00E+00	7.61E-07	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	7.46E-05
338	ALL	672353.7	4343420	NonCancer	5.11E-06	1.64E-05	5.48E-05	0.00E+00	0.00E+00	3.33E-05	6.13E-06	0.00E+00	6.31E-07	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	5.48E-05
339	ALL	672575	4343420	NonCancer	4.43E-06	1.45E-05	3.74E-05	0.00E+00	0.00E+00	1.77E-05	4.91E-06	0.00E+00	5.32E-07	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	3.74E-05
340	ALL	668148.8	4343585	NonCancer	3.44E-06	1.16E-05	3.04E-05	0.00E+00	0.00E+00	1.41E-05	8.08E-06	0.00E+00	4.33E-07	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	3.04E-05
341	ALL	668370.1	4343585	NonCancer	3.69E-06	1.24E-05	3.30E-05	0.00E+00	0.00E+00	1.54E-05	8.46E-06	0.00E+00	4.68E-07	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	3.30E-05
342	ALL	668591.4	4343585	NonCancer	3.78E-06	1.27E-05	3.30E-05	0.00E+00	0.00E+00	1.51E-05	8.96E-06	0.00E+00	4.75E-07	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	3.30E-05
343	ALL	668812.7	4343585	NonCancer	4.10E-06	1.35E-05	3.78E-05	0.00E+00	0.00E+00	1.91E-05	1.02E-05	0.00E+00	5.09E-07	0.00E+00	0.00E+00	5.60E-06	0.00E+00	0.00E+00	3.78E-05
344	ALL	669034	4343585	NonCancer	4.64E-06	1.52E-05	4.09E-05	0.00E+00	0.00E+00	2.01E-05	1.21E-05	0.00E+00	5.66E-07	0.00E+00	0.00E+00	4.90E-06	0.00E+00	0.00E+00	4.09E-05
345	ALL	669255.3	4343585	NonCancer	4.97E-06	1.65E-05	4.39E-05	0.00E+00	0.00E+00	2.09E-05	1.44E-05	0.00E+00	6.17E-07	0.00E+00	0.00E+00	4.36E-06	0.00E+00	0.00E+00	4.39E-05
346	ALL	669476.7	4343585	NonCancer	5.54E-06	1.83E-05	4.79E-05	0.00E+00	0.00E+00	2.24E-05	1.73E-05	0.00E+00	6.82E-07	0.00E+00	0.00E+00	4.09E-06	0.00E+00	0.00E+00	4.79E-05
347	ALL	669698	4343585	NonCancer	6.10E-06	2.00E-05	5.17E-05	0.00E+00	0.00E+00	2.43E-05	2.00E-05	0.00E+00	7.36E-07	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	5.17E-05
348	ALL	669919.3	4343585	NonCancer	6.53E-06	2.18E-05	5.67E-05	0.00E+00	0.00E+00	2.59E-05	2.32E-05	0.00E+00	8.15E-07	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	5.67E-05
349	ALL	670140.6	4343585	NonCancer	7.23E-06	2.41E-05	6.26E-05	0.00E+00	0.00E+00	2.86E-05	2.61E-05	0.00E+00	9.00E-07	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	6.26E-05
350	ALL	670361.9	4343585	NonCancer	7.93E-06	2.65E-05	6.92E-05	0.00E+00	0.00E+00	3.20E-05	2.84E-05	0.00E+00	9.90E-07	0.00E+00	0.00E+00	5.49E-06	0.00E+00	0.00E+00	6.92E-05
351	ALL	670583.2	4343585	NonCancer	9.23E-06	2.99E-05	9.34E-05	0.00E+00	0.00E+00	5.33E-05	3.03E-05	0.00E+00	1.14E-06	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	9.34E-05
352	ALL	670804.5	4343585	NonCancer	1.06E-05	3.37E-05	1.09E-04	0.00E+00	0.00E+00	6.47E-05	3.15E-05	0.00E+00	1.28E-06	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	1.09E-04
353	ALL	671025.8	4343585	NonCancer	1.26E-05	3.81E-05	1.38E-04	0.00E+00	0.00E+00	9.12E-05	3.13E-05	0.00E+00	1.45E-06	0.00E+00	0.00E+00	5.33E-05	0.00E+00	0.00E+00	1.38E-04
354	ALL	671247.1	4343585	NonCancer	1.49E-05	6.24E-05	2.25E-04	0.00E+00	0.00E+00	1.17E-04	2.88E-05	0.00E+00	2.78E-06	0.00E+00	0.00E+00	5.46E-05	0.00E+00	0.00E+00	2.25E-04
355	ALL	671468.4	4343585	NonCancer	9.04E-06	3.36E-05	1.23E-04	0.00E+00	0.00E+00	7.02E-05	2.12E-05	0.00E+00	1.43E-06	0.00E+00	0.00E+00	3.66E-05	0.00E+00	0.00E+00	1.23E-04
356	ALL	671689.8	4343585	NonCancer	7.72E-06	2.75E-05	7.43E-05	0.00E+00	0.00E+00	3.30E-05	1.57E-05	0.00E+00	1.07E-06	0.00E+00	0.00E+00	5.53E-06	0.00E+00	0.00E+00	7.43E-05
357	ALL	671911.1	4343585	NonCancer	6.17E-06	2.14E-05	5.64E-05	0.00E+00	0.00E+00	2.51E-05	1.07E-05	0.00E+00	8.14E-07	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	5.64E-05
358	ALL	672132.4	4343585	NonCancer	5.54E-06	1.86E-05	6.89E-05	0.00E+00	0.00E+00	4.30E-05	7.94E-06	0.00E+00	7.54E-07	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	6.89E-05
359	ALL	672353.7	4343585	NonCancer	4.55E-06	1.52E-05	5.71E-05	0.00E+00	0.00E+00	3.60E-05	5.89E-06	0.00E+00	6.19E-07	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.71E-05
360	ALL	672575	4343585	NonCancer	3.70E-06	1.33E-05	3.64E-05	0.00E+00	0.00E+00	1.62E-05	4.71E-06	0.00E+00	5.21E-07	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	3.64E-05
361	ALL	668148.8	4343750	NonCancer	3.32E-06	1.12E-05	2.95E-05	0.00E+00	0.00E+00	1.37E-05	7.99E-06	0.00E+00	4.20E-07	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	2.95E-05
362	ALL	668370.1	4343750	NonCancer	3.63E-06	1.21E-05	3.13E-05	0.00E+00	0.00E+00	1.44E-05	8.85E-06	0.00E+00	4.50E-07	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	3.13E-05
363	ALL	668591.4	4343750	NonCancer	3.75E-06	1.24E-05	3.22E-05	0.00E+00	0.00E+00	1.51E-05	9.73E-06	0.00E+00	4.58E-07	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	3.22E-05
364	ALL	668812.7	4343750	NonCancer	4.03E-06	1.33E-05	3.52E-05	0.00E+00	0.00E+00	1.68E-05	1.10E-05	0.00E+00	4.96E-07	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	3.52E-05
365	ALL	669034	4343750	NonCancer	4.70E-06	1.53E-05	3.89E-05	0.00E+00	0.00E+00	1.81E-05	1.37E-05	0.00E+00	5.61E-07	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	3.89E-05
366	ALL	669255.3	4343750	NonCancer	5.07E-06	1.67E-05	4.25E-05	0.00E+00	0.00E+00	1.95E-05	1.59E-05	0.00E+00	6.14E-07	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	4.25E-05
367	ALL	669476.7	4343750	NonCancer	5.26E-06	1.75E-05	4.54E-05	0.00E+00	0.00E+00	2.09E-05	1.77E-05	0.00E+00	6.51E-07	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	4.54E-05
368	ALL	669698	4343750	NonCancer	5.57E-06	1.87E-05	4.90E-05	0.00E+00	0.00E+00	2.25E-05	1.99E-05	0.00E+00	7.03E-07	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	4.90E-05
369	ALL	669919.3	4343750	NonCancer	6.06E-06	2.04E-05	5.29E-05	0.00E+00	0.00E+00	2.41E-05	2.20E-05	0.00E+00	7.62E-07	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	5.29E-05
370	ALL	670140.6	4343750	NonCancer	6.62E-06	2.23E-05	5.77E-05	0.00E+00	0.00E+00	2.61E-05	2.39E-05	0.00E+00	8.34E-07	0.00E+00	0.00E+00	3.87E-06	0.00E+00	0.00E+00	5.77E-05
371	ALL	670361.9	4343750	NonCancer	7.30E-06	2.46E-05	6.38E-05	0.00E+00	0.00E+00	2.88E-05	2.57E-05	0.00E+00	9.23E-07	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	6.38E-05
372	ALL	670583.2	4343750	NonCancer	8.08E-06	2.61E-05	7.67E-05	0.00E+00	0.00E+00	4.16E-05	2.61E-05	0.00E+00	9.82E-07	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	7.67E-05
373	ALL	670804.5	4343750	NonCancer	9.04E-06	2.91E-05	9.72E-05	0.00E+00	0.00E+00	5.83E-05	2.61E-05	0.00E+00	1.13E-06	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	9.72E-05
374	ALL	671025.8	4343750	NonCancer	1.00E-05	3.17E-05	1.11E-04	0.00E+00	0.00E+00	7.01E-05	2.52E-05	0.00E+00	1.23E-06	0.00E+00	0.00E+00	3.84E-05	0.00E+00	0.00E+00	1.11E-04
375	ALL	671247.1	4343750	NonCancer	1.38E-05	4.37E-05	1.63E-04	0.00E+00	0.00E+00	1.06E-04	2.38E-05	0.00E+00	1.73E-06	0.00E+00	0.00E+00	6.29E-05	0.00E+00	0.00E+00	1.63E-04
376	ALL	671468.4	4343750	NonCancer	1.43E-05	5.26E-05	1.87E-04	0.00E+00	0.00E+00	1.06E-04	2.09E-05	0.00E+00	2.21E-06	0.00E+00	0.00E+00	5.35E-05	0.00E+00	0.00E+00	1.87E-04
377	ALL	671689.8	4343750	NonCancer	1.70E-05	6.91E-05	2.05E-04	0.00E+00	0.00E+00	8.73E-05	1.81E-05	0.00E+00	2.91E-06	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	2.05E-04
378	ALL	671911.1	4343750	NonCancer	1.15E-05	4.64E-05	1.35E-04	0.00E+00	0.00E+00	5.67E-05	1.35E-05	0.00E+00	1.94E-06	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.35E-04
379	ALL	672132.4	4343750	NonCancer	5.88E-06	2.17E-05	7.24E-05	0.00E+00	0.00E+00	3.87E-05	8.63E-06	0.00E+00	8.99E-07	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	7.24E-05
380	ALL	672353.7	4343750	NonCancer	4.33E-06	1.57E-05	5.97E-05	0.00E+00	0.00E+00	3.59E-05	6.00E-06	0.00E+00	6.66E-07	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	5.97E-05
381	ALL	672575	4343750	NonCancer	4.23E-06	1.45E-05	4.65E-05	0.00E+00	0.00E+00	2.56E-05	4.77E-06	0.00E+00	5.74E-07	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	4.65E-05
382	ALL	668148.8	4343915	NonCancer	3.06E-06	1.03E-05	2.73E-05	0.00E+00	0.00E+00	1.28E-05	8.06E-06	0.00E+00	3.86E-07	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	2.73E-05
383	ALL	668370.1	4343915	NonCancer	3.40E-06	1.12E-05	2.88E-05	0.00E+00	0.00E+00	1.34E-05	9.19E-06	0.00E+00	4.12E-07	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.88E-05
384	ALL	668591.4	4343915	NonCancer	3.85E-06	1.25E-05	3.16E-05	0.00E+00	0.00E+00	1.47E-05	1.07E-05	0.00E+00	4.55E-07	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	3.16E-05
385	ALL	668812.7	4343915	NonCancer	4.06E-06	1.33E-05	3.41E-05	0.00E+00	0.00E+00	1.58E-05	1.22E-05	0.00E+00	4.90E-07	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	3.41E-05
386	ALL	669034	4343915	NonCancer	4.63E-06	1.50E-05	3.76E-05	0.00E+00	0.00E+00	1.74E-05	1.46E-05	0.00E+00	5.44E-07	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	3.76E-05
387	ALL	669255.3	4343915	NonCancer	5.05E-06	1.63E-05	4.08E-05	0.00E+00	0.00E+00	1.89E-05	1.69E-05	0.00E+00	5.92E-07	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	4.08E-05
388	ALL	669476.7	4343915	NonCancer	5.15E-06	1.71E-05	4.36E-05	0.00E+00	0.00E+00	1.98E-05	1.82E-05	0.00E+00	6.32E-07	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	4.36E-05
389	ALL	669698	4343915	NonCancer	5.28E-06	1.78E-05	4.63E-05	0.00E+00	0.00E+00	2.10E-05	1.93E-05	0.00E+00	6.68E-07	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	4.63E-05
390	ALL	669919.3	4343915	NonCancer	5.63E-06	1.90E-05	4.93E-05	0.00E+00	0.00E+00	2.24E-05	2.05E-05	0.00E+00	7.10E-07	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	4.93E-05
391	ALL	670140.6	4343915	NonCancer	6.15E-06	2.08E-05	5.37E-05	0.00E+00	0.00E+00	2.41E-05	2.20E-05	0.00E+00	7.79E-07	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	5.37E-05
392	ALL	670361.9	4343915	NonCancer	6.61E-06	2.24E-05	6.16E-05	0.00E+00	0.00E+00	2.96E-05	2.27E-05	0.00E+00	8.52E-07	0.00E+00	0.00E+00	7.22E-06	0.00E+00	0.00E+00	6.16E-05
393	ALL	670583.2	4343915	NonCancer	7.45E-06	2.45E-05	6.92E-05	0.00E+00	0.00E+00	3.55E-05	2.32E-05	0.00E+00	9.23E-07	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	6.92E-05
394	ALL	670804.5	4343915	NonCancer	8.46E-06	2.71E-05	8.84E-05	0.00E+00	0.00E+00	5.27E-05	2.30E-05	0.00E+00	1.04E-06	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	8.84E-05
395	ALL	671025.8	4343915	NonCancer	9.55E-06	2.96E-05	9.76E-05	0.00E+00	0.00E+00	6.02E-05	2.23E-05	0.00E+00	1.12E-06	0.00E+00	0.00E+00	3.07E-05	0.00E+00	0.00E+00	9.76E-05

396	ALL	671247.1	4343915	NonCancer	9.55E-06	2.96E-05	1.09E-04	0.00E+00	0.00E+00	0.00E+00	7.18E-05	1.97E-05	0.00E+00	1.15E-06	0.00E+00	0.00E+00	4.24E-05	0.00E+00	0.00E+00	1.09E-04
397	ALL	671468.4	4343915	NonCancer	1.52E-05	6.01E-05	2.05E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-04	1.91E-05	0.00E+00	2.58E-06	0.00E+00	0.00E+00	4.52E-05	0.00E+00	0.00E+00	2.05E-04
398	ALL	671689.8	4343915	NonCancer	1.57E-05	6.72E-05	2.02E-04	0.00E+00	0.00E+00	0.00E+00	8.21E-05	1.65E-05	0.00E+00	2.90E-06	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	2.02E-04
399	ALL	671911.1	4343915	NonCancer	9.41E-06	3.82E-05	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.65E-05	1.22E-05	0.00E+00	1.61E-06	0.00E+00	0.00E+00	8.32E-06	0.00E+00	0.00E+00	1.12E-04
400	ALL	672132.4	4343915	NonCancer	8.30E-06	3.29E-05	9.58E-05	0.00E+00	0.00E+00	0.00E+00	4.10E-05	9.67E-06	0.00E+00	1.36E-06	0.00E+00	0.00E+00	8.16E-06	0.00E+00	0.00E+00	9.58E-05
401	ALL	672353.7	4343915	NonCancer	6.29E-06	2.38E-05	8.39E-05	0.00E+00	0.00E+00	0.00E+00	4.61E-05	7.09E-06	0.00E+00	1.01E-06	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	8.39E-05
402	ALL	672575	4343915	NonCancer	4.79E-06	1.82E-05	6.36E-05	0.00E+00	0.00E+00	0.00E+00	3.45E-05	5.37E-06	0.00E+00	7.73E-07	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	6.36E-05
403	ALL	668148.8	4344080	NonCancer	2.96E-06	9.82E-06	2.57E-05	0.00E+00	0.00E+00	0.00E+00	1.21E-05	8.45E-06	0.00E+00	3.65E-07	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.57E-05
404	ALL	668370.1	4344080	NonCancer	3.25E-06	1.07E-05	2.78E-05	0.00E+00	0.00E+00	0.00E+00	1.29E-05	9.53E-06	0.00E+00	3.97E-07	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.78E-05
405	ALL	668591.4	4344080	NonCancer	3.64E-06	1.19E-05	3.02E-05	0.00E+00	0.00E+00	0.00E+00	1.40E-05	1.11E-05	0.00E+00	4.36E-07	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	3.02E-05
406	ALL	668812.7	4344080	NonCancer	4.07E-06	1.32E-05	3.31E-05	0.00E+00	0.00E+00	0.00E+00	1.53E-05	1.30E-05	0.00E+00	4.79E-07	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	3.31E-05
407	ALL	669034	4344080	NonCancer	4.50E-06	1.44E-05	3.59E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-05	1.52E-05	0.00E+00	5.21E-07	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	3.59E-05
408	ALL	669255.3	4344080	NonCancer	4.92E-06	1.58E-05	3.92E-05	0.00E+00	0.00E+00	0.00E+00	1.81E-05	1.72E-05	0.00E+00	5.70E-07	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	3.92E-05
409	ALL	669476.7	4344080	NonCancer	4.80E-06	1.60E-05	4.10E-05	0.00E+00	0.00E+00	0.00E+00	1.86E-05	1.74E-05	0.00E+00	5.95E-07	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	4.10E-05
410	ALL	669698	4344080	NonCancer	5.01E-06	1.68E-05	4.35E-05	0.00E+00	0.00E+00	0.00E+00	1.97E-05	1.83E-05	0.00E+00	6.30E-07	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	4.35E-05
411	ALL	669919.3	4344080	NonCancer	5.36E-06	1.81E-05	4.65E-05	0.00E+00	0.00E+00	0.00E+00	2.09E-05	1.93E-05	0.00E+00	6.75E-07	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	4.65E-05
412	ALL	670140.6	4344080	NonCancer	6.23E-06	2.04E-05	5.13E-05	0.00E+00	0.00E+00	0.00E+00	2.33E-05	2.12E-05	0.00E+00	7.48E-07	0.00E+00	0.00E+00	2.84E-06	0.00E+00	0.00E+00	5.13E-05
413	ALL	670361.9	4344080	NonCancer	6.09E-06	2.04E-05	5.48E-05	0.00E+00	0.00E+00	0.00E+00	2.61E-05	2.02E-05	0.00E+00	7.67E-07	0.00E+00	0.00E+00	5.73E-06	0.00E+00	0.00E+00	5.48E-05
414	ALL	670583.2	4344080	NonCancer	6.75E-06	2.24E-05	6.08E-05	0.00E+00	0.00E+00	0.00E+00	2.95E-05	2.06E-05	0.00E+00	8.42E-07	0.00E+00	0.00E+00	7.12E-06	0.00E+00	0.00E+00	6.08E-05
415	ALL	670804.5	4344080	NonCancer	8.21E-06	2.56E-05	7.85E-05	0.00E+00	0.00E+00	0.00E+00	4.59E-05	2.09E-05	0.00E+00	9.50E-07	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	7.85E-05
416	ALL	671025.8	4344080	NonCancer	1.67E-05	6.94E-05	2.23E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04	2.17E-05	0.00E+00	3.00E-06	0.00E+00	0.00E+00	3.29E-05	0.00E+00	0.00E+00	2.23E-04
417	ALL	671247.1	4344080	NonCancer	9.11E-06	2.76E-05	9.69E-05	0.00E+00	0.00E+00	0.00E+00	6.33E-05	1.77E-05	0.00E+00	1.05E-06	0.00E+00	0.00E+00	3.57E-05	0.00E+00	0.00E+00	9.69E-05
418	ALL	671468.4	4344080	NonCancer	8.03E-06	2.46E-05	8.26E-05	0.00E+00	0.00E+00	0.00E+00	5.23E-05	1.55E-05	0.00E+00	9.23E-07	0.00E+00	0.00E+00	2.78E-05	0.00E+00	0.00E+00	8.26E-05
419	ALL	671689.8	4344080	NonCancer	1.04E-05	4.50E-05	1.35E-04	0.00E+00	0.00E+00	0.00E+00	5.45E-05	1.39E-05	0.00E+00	1.95E-06	0.00E+00	0.00E+00	9.52E-06	0.00E+00	0.00E+00	1.35E-04
420	ALL	671911.1	4344080	NonCancer	5.21E-06	2.05E-05	5.94E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-05	9.53E-06	0.00E+00	8.49E-07	0.00E+00	0.00E+00	4.85E-06	0.00E+00	0.00E+00	5.94E-05
421	ALL	672132.4	4344080	NonCancer	4.42E-06	1.66E-05	4.57E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-05	7.17E-06	0.00E+00	6.63E-07	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	4.57E-05
422	ALL	672353.7	4344080	NonCancer	4.01E-06	1.55E-05	5.25E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-05	5.90E-06	0.00E+00	6.61E-07	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	5.25E-05
423	ALL	672575	4344080	NonCancer	3.39E-06	1.35E-05	4.77E-05	0.00E+00	0.00E+00	0.00E+00	2.51E-05	4.68E-06	0.00E+00	5.89E-07	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	4.77E-05
424	ALL	671464.7	4342094	NonCancer	4.05E-05	1.68E-04	8.31E-04	0.00E+00	0.00E+00	0.00E+00	5.41E-04	9.48E-05	0.00E+00	8.14E-06	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	8.31E-04
425	ALL	671482.2	4342064	NonCancer	4.18E-05	1.75E-04	8.38E-04	0.00E+00	0.00E+00	0.00E+00	5.33E-04	8.71E-05	0.00E+00	8.43E-06	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	8.38E-04
426	ALL	671498.6	4342030	NonCancer	4.94E-05	1.91E-04	8.37E-04	0.00E+00	0.00E+00	0.00E+00	5.26E-04	7.84E-05	0.00E+00	8.70E-06	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	8.37E-04
427	ALL	671513.8	4341992	NonCancer	5.27E-05	2.09E-04	9.27E-04	0.00E+00	0.00E+00	0.00E+00	5.81E-04	7.02E-05	0.00E+00	9.61E-06	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	9.27E-04
428	ALL	671541.8	4341965	NonCancer	5.13E-05	2.03E-04	8.85E-04	0.00E+00	0.00E+00	0.00E+00	5.48E-04	6.17E-05	0.00E+00	9.32E-06	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	8.85E-04
429	ALL	671575.6	4341974	NonCancer	4.39E-05	1.63E-04	7.12E-04	0.00E+00	0.00E+00	0.00E+00	4.57E-04	5.61E-05	0.00E+00	7.30E-06	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	7.12E-04
430	ALL	671460.8	4342163	NonCancer	3.52E-05	1.42E-04	6.48E-04	0.00E+00	0.00E+00	0.00E+00	4.08E-04	9.08E-05	0.00E+00	6.66E-06	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	6.48E-04
431	ALL	671451	4342187	NonCancer	3.50E-05	1.41E-04	5.69E-04	0.00E+00	0.00E+00	0.00E+00	3.31E-04	9.13E-05	0.00E+00	6.37E-06	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	5.69E-04
432	ALL	671510.7	4342220	NonCancer	2.99E-05	1.18E-04	5.27E-04	0.00E+00	0.00E+00	0.00E+00	3.32E-04	7.30E-05	0.00E+00	5.43E-06	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	5.27E-04
433	ALL	671524.1	4342193	NonCancer	2.94E-05	1.14E-04	5.34E-04	0.00E+00	0.00E+00	0.00E+00	3.49E-04	7.13E-05	0.00E+00	5.28E-06	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	5.34E-04
434	ALL	671522.9	4342251	NonCancer	3.05E-05	1.19E-04	5.00E-04	0.00E+00	0.00E+00	0.00E+00	3.04E-04	6.71E-05	0.00E+00	5.38E-06	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	5.00E-04
435	ALL	671599.1	4342253	NonCancer	2.73E-05	1.03E-04	4.19E-04	0.00E+00	0.00E+00	0.00E+00	2.57E-04	5.59E-05	0.00E+00	4.52E-06	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	4.19E-04
436	ALL	671627.8	4342257	NonCancer	2.66E-05	1.00E-04	4.06E-04	0.00E+00	0.00E+00	0.00E+00	2.47E-04	5.21E-05	0.00E+00	4.42E-06	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	4.06E-04
437	ALL	671583.9	4342116	NonCancer	2.58E-05	9.83E-05	4.78E-04	0.00E+00	0.00E+00	0.00E+00	3.21E-04	6.06E-05	0.00E+00	4.59E-06	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	4.78E-04
438	ALL	671595.5	4342072	NonCancer	2.62E-05	1.01E-04	4.92E-04	0.00E+00	0.00E+00	0.00E+00	3.30E-04	5.81E-05	0.00E+00	4.73E-06	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	4.92E-04
439	ALL	671663.1	4342056	NonCancer	2.60E-05	9.78E-05	4.41E-04	0.00E+00	0.00E+00	0.00E+00	2.86E-04	4.89E-05	0.00E+00	4.43E-06	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	4.41E-04
440	ALL	671600.9	4342030	NonCancer	3.20E-05	1.17E-04	5.57E-04	0.00E+00	0.00E+00	0.00E+00	3.76E-04	5.60E-05	0.00E+00	5.34E-06	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	5.57E-04
441	ALL	671526.6	4342156	NonCancer	2.90E-05	1.13E-04	5.67E-04	0.00E+00	0.00E+00	0.00E+00	3.81E-04	7.19E-05	0.00E+00	5.39E-06	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	5.67E-04
442	ALL	671629	4342292	NonCancer	2.73E-05	1.04E-04	3.95E-04	0.00E+00	0.00E+00	0.00E+00	2.28E-04	4.93E-05	0.00E+00	4.54E-06	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	3.95E-04
443	ALL	671641.8	4341981	NonCancer	3.62E-05	1.34E-04	5.63E-04	0.00E+00	0.00E+00	0.00E+00	3.54E-04	4.81E-05	0.00E+00	5.92E-06	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	5.63E-04
444	ALL	671666.8	4342019	NonCancer	3.12E-05	1.13E-04	4.76E-04	0.00E+00	0.00E+00	0.00E+00	3.03E-04	4.73E-05	0.00E+00	4.95E-06	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	4.76E-04
445	ALL	671407.1	4342220	NonCancer	3.87E-05	1.61E-04	1.10E-03	0.00E+00	0.00E+00	0.00E+00	8.29E-04	1.02E-04	0.00E+00	8.74E-06	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	1.10E-03
446	ALL	671415.6	4342183	NonCancer	3.95E-05	1.65E-04	1.17E-03	0.00E+00	0.00E+00	0.00E+00	8.90E-04	1.07E-04	0.00E+00	9.06E-06	0.00E+00	0.00E+00	7.27E-04	0.00E+00	0.00E+00	1.17E-03
447	ALL	671635.1	4341706	NonCancer	1.03E-04	5.44E-04	1.94E-03	0.00E+00	0.00E+00	0.00E+00	8.41E-04	5.33E-05	0.00E+00	2.61E-05	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	1.94E-03
448	ALL	671693.6	4341710	NonCancer	6.73E-05	3.34E-04	1.24E-03	0.00E+00	0.00E+00	0.00E+00	5.91E-04	3.96E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	1.24E-03
449	ALL	671719.8	4341736	NonCancer	5.99E-05	2.91E-04	1.10E-03	0.00E+00	0.00E+00	0.00E+00	5.33E-04	3.78E-05	0.00E+00	1.38E-05	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	1.10E-03
450	ALL	671673.5	4341630	NonCancer	6.55E-05	3.10E-04	1.13E-03	0.00E+00	0.00E+00	0.00E+00	5.45E-04	3.53E-05	0.00E+00	1.44E-05	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	1.13E-03
451	ALL	671888	4341936	NonCancer	3.89E-05	1.61E-04	5.41E-04	0.00E+00	0.00E+00	0.00E+00	2.65E-04	3.14E-05	0.00E+00	6.99E-06	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	5.41E-04
452	ALL	671977.6	4341952	NonCancer	2.94E-05	1.13E-04	3.54E-04	0.00E+00	0.00E+00	0.00E+00	1.70E-04	2.55E-05	0.00E+00	4.71E-06	0.00E+00	0.00E+00	5.67E-05	0.00E+00	0.00E+00	3.54E-04
453	ALL	672039.2	4341895	NonCancer	2.24E-05	8.28E-05	2.49E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04	2.05E-05	0.00E+00	3.36E-06	0.00E+00	0.00E+00	3.64E-05	0.00E+00	0.00E+00	2.49E-04
454	ALL	671858.2	4341754	NonCancer	4.54E-05	1.81E-04	6.25E-04	0.00E+00	0.00E+00	0.00E+00	3.23E-04	2.83E-05	0.00E+00	7.81E-06	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	6.25E-04
455	ALL	671922.8	4341634	NonCancer	4.68E-05	2.30E-04	7.69E-04	0.00E+00	0.00E+00	0.00E+00	3.22E-04	2.65E-05	0.00E+00	1.06E-05	0.00E+00	0.00E+00	9.29E-05	0.00E+00	0.00E+00	7.69E-04
456	ALL	671613.7	4341791	NonCancer	8.37E-05	4.25E-04	1.56E-03	0.00E+00	0.00E+00	0.00E+00	7.17E-04	5.19E-05	0.00E+00	2.03E-05	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	1.56E-03
457	ALL	671853.3	4341731	NonCancer	4.17E-05	1.77E-04	6.39E-04	0.00E+00	0.00E+00	0.00E+00	3.26E-04	2.76E-05	0.00E+00	7.94E-06	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	6.39E-04
458	ALL	671783.8	4341586	NonCancer	3.91E-05	1.66E-04	5.87E-04	0.00E+00	0.00E+00	0.00E+00	2.95E-04	2.34E-05	0.00E+00	7.38E-06	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	5.87E-04
459	ALL	671783.2	4341547	NonCancer	3.80E-05	1.61E-04	5.57E-04	0.00E+00	0.00E+00	0.00E+00	2.75E-04	2.20E-05	0.00E+00	7.11E-06	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	5.57E-04
460	ALL	671769.2	4341461	NonCancer	3.94E-05	1.54E-04	6.03E-04	0.00E+00	0.00E+00	0.00E+00	3.51E-04	2.05E-05	0.00E+00	6.80E-06	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	6.03E-04
461	ALL	671800.9	4341421	NonCancer	3.86E-05	1.54E-04	5.74E-04	0.00E+00	0.00E+00	0.00E+00	3.19E-04	1.93E-05	0.00E+00	6.76E-06	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	5.74E-04
462	ALL	671880.1	4341427	NonCancer	5.84E-05	2.93E-04	9.32E-04	0.00E+00	0.00E+00	0.00E+00	3.56E-04	2.62E-05	0.00E+00	1.35E-05	0.00E+00	0.00E+00	6.34E-05	0.00E+00	0.00E+00	9.32E-04
463	ALL	672012.4	4341505	NonCancer	2.33E-05	1.01E-04	3.10E-04	0.00E+00	0.00E+00	0.00E+00	1.27E-04	1.48E-05	0.00E+00	4.42E-06	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	3.10E-04
464	ALL	672084.3	4341548	NonCancer	2.45E-05	1.08E-04	3.31E-04	0.00E+00	0.00E+00	0.00E+00	1.35E-04	1.57E-05	0.00E+00	4.74E-06	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	3.31E-04
465	ALL	671915.5	4341478	NonCancer	5.07E-05	2.49E-04	7.90E-04	0.00E+00	0.00E+00	0.00E+00	3.05E-04	2.41E-05	0.00E+00	1.14E-05	0.00E+00	0.00E+00	5.60E-05	0.00E+00	0.00E+00	7.90E-04
466	ALL	671903.3	4341564	NonCancer	5.08E-05	2.47E-04	8.06E-04	0.00E+00	0.00E+00	0.00E+00	3.30E-04	2.57E-05	0.00E+00	1.13E-05	0.00E+00	0.00E+00	8.35E-05	0.00E+00	0.00E+00	8.06E-04
467	ALL	671863.1	4341522	NonCancer	5.69E-05	2.80E-04	9.13E-04	0.00E+00	0.00E+00	0.00E+00	3.67E-04	2.73E-05	0.00E+00	1.29E-05	0.00E+00	0.00E+00	8.67E-05	0.00E+00	0.00E+00	9.13E-04
468	ALL	671830.1	4341336	NonCancer	4.92E-05	2.27E-04	7.69E-04	0.00E+00	0.00E+00	0.00E+00	3.47E-04	2.26E-05	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	7.69E-04
469	ALL	671835.6	4341288	NonCancer	5.44E-05	2.60E-04	8.54E-04	0.00E+00	0.00E+00	0.00E+00	3.57E-04	2.40E-05	0.00E+00	1.19E-05	0.00E+00	0.00E+00	9.78E-05	0.00E+00	0.00E+00	8.54E-04
470	ALL	671825.9	4341275	NonCancer	5.44E-05	2.63E-04	8.63E-04	0.00E+00	0.00E+00	0.00E+00	3.57E-04	2.41E-05	0.00E+00	1.20E-05	0.00E+00	0.00E+00	9.46E-05	0.00E+00	0.00E+00	8.63E-04
471	ALL	672136.7	4341371	NonCancer	1.45E-05	5.99E-05	1.74E-04	0.00E+00	0.00E+00	0.00E+00	7.09E-05	9.44E-06	0.00E+00	2.53E-06	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.74E-04
472	ALL	671920.3	4341307	NonCancer	4.82E-05	2.37E-04	7.52E-04	0.00E+00	0.00E+00	0.00E+00	2.93E-04	2.18E-05	0.00E+00	1.08E-05	0.00E+00	0.00E+00	5.62E-05	0.00E+00	0.00E+00	7.52E-04
473	ALL	671695.4	4341257	NonCancer	6.13E-05	3.05E-04	1.09E-03	0.00E+00	0.00E+00	0.00E+00	4.94E-04	2.78E-05	0.00E+00	1.44E-05	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	1.09E-03
474	ALL	671682	4341176	NonCancer	4.38E-05	2.12E-04	7.41E-04	0.00E+00	0.00E+00	0.00E+00	3.34E-04	2.17E-05	0.00E+00	9.83E-06	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	7.41E-04
475	ALL	671991.7	4341196	NonCancer	4.26E-05	2.10E-04	6.59E-04	0.00E+00	0.00E+00	0.00E+00	2.49E-04	1.91E-05	0.00E+00	9.60E-06	0.00E+00	0.00E+00	3.94E-05	0.00E+00	0.00E+00	6.59E-04
476	ALL	672022.1	4341232	NonCancer	3.62E-05	1.77E-04	5.48E-04	0.00E+00	0.00E+00	0.00E+00	2.04E-04	1.70E-05	0.00E+00	8.05E-06	0.00E+00	0.00E+00	2.70E-05	0.00E+00	0.00E+00	5.48E-04
477	ALL	671992.3	4341178	NonCancer	3.60E-05	1.77E-04	5.55E-04	0.00E+00	0.00E+00	0.00E+00	2.09E-04	1.73E-05	0.00E+00	8.10E-06	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	5.55E-04
478	ALL	671540.6	4341238	NonCancer	2.33E-05	9.59E-05	3.39E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04	1.58E-05	0.00E+00	4.22E-06	0.00E+00	0.00E+00	7.86E-05	0.00E+00	0.00E+00	3.39E-04
479	ALL	671575.3	4341178	NonCancer	2.01E-05	8.27E-05	2.94E-04	0.00E+00	0.00E+00	0.00E+00	1.53E-04	1.38E-05	0.00E+00	3.64E-06	0.00E+00	0.00E+00	7.03E-05	0.00E+00	0.00E+00	2.94E-04
480	ALL	671454.7	4341196	NonCancer	1.86E-05	7.17E-05	2.57E-04	0.00E+00	0.00E+00	0.00E+00	1.41E-04	1.50E-05	0.00E+00	3.08E-06	0.00E+00	0.00E+00	6.98E-05	0.00E+00	0.00E+00	2.57E-04
481	ALL	671523.5	4341116	NonCancer	1.68E-05	6.55E-05	2.38E-04	0.00E+00	0.00E+00	0.00E+00	1.31E-04	1.23E-05	0.00E+00	2.84E-06	0.00E+00	0.00E+00	6.52E-05	0.00E+00	0.00E+00	2.38E-04
482	ALL	671413.2	4341127	NonCancer	1.63E-05	6.08E-05	2.23E-04	0.00E+00	0.00E+00	0.00E+00	1.27E-04	1.47E-05	0.00E+00	2.59E-06	0.00E+00	0.00E+00	6.68E-05	0.00E+00	0.00E+00	2.23E-04
483	ALL	671471.1	4341065	NonCancer	1.50E-05	5.65E-05	2.07E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04	1.22E-05	0.00E+00	2.41E-06	0.00E+00	0.00E+00	6.12E-05	0.00E+00	0.00E+00	2.07E-04
484	ALL	671601.6	4341051	NonCancer	2.44E-05	1.08E-04	3.71E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-04	1.42E-05	0.00E+00	4.83E-06	0.00E+00	0.00E+00	6.91E-05	0.00E+00	0.00E+00	3.71E-04
485	ALL	671198.6	4341254	NonCancer	1.44E-05	5.01E-05	3.10E-04	0.00E+00	0.00E+00	0.00E+00	2.38E-04	1.88E-05	0.00E+00	2.45E-06	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	3.10E-04
486	ALL	671278.5	4341212	NonCancer	1.58E-05	5.67E-05	2.09E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04	1.83E-05	0.00E+00	2.38E-06	0.00E+00	0.00E+00	6.65E-05	0.00E+00	0.00E+00	2.09E-04
487	ALL	671230.3	4341133	NonCancer	1.34E-05	4.63E-05	2.57E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-04	1.55E-05	0.00E+00	2.16E-06	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	2.57E-04
488	ALL	671073.1	4341272	NonCancer	1.29E-05	4.50E-05	2.80E-04	0.00E+00	0.00E+00	0.00E+00	2.15E-04	1.96E-05	0.00E+00	2.20E-06	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	2.80E-04
489	ALL	671122.5	4341374	NonCancer	1.65E-05	5.98E-05	3.38E-04	0.00E+00	0.00E+00	0.00E+00	2.48E-04	2.48E-05	0.00E+00	2.87E-06	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	3.38E-04
490	ALL	671118.8	4341397	NonCancer	1.75E-05	6.37E-05	3.52E-04	0.00E+00	0.00E+00	0.00E+00	2.56E-04	2.62E-05	0.00E+00	3.04E-06	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	3.52E-04
491	ALL	670978.4	4341324	NonCancer	1.35E-05	4.80E-05	2.83E-04	0.00E+00	0.00E+00	0.00E+00	2.13E-04	2.55E-05	0.00E+00	2.32E-06	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	2.83E-04
492	ALL	670932.9	4341394	NonCancer	1.51E-05	5.27E-05	3.02E-04	0.00E+00	0.00E+00	0.00E+00	2.26E-04	3.09E-05	0.00E+00	2.51E-06	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	3.02E-04
493	ALL	670935.2	4341367	NonCancer	1.48E-05	5.18E-05	2.97E-04	0.00E+00	0.00E+00	0.00E+00	2.22E-04	2.93E-05	0.00E+00	2.47E-06	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	2.97E-04
494	ALL	671108	4340976	NonCancer	1.22E-05	4.19E-05	2.67E-04	0.00E+00	0.00E+00	0.00E+00	2.09E-04	1.48E-05	0.00E+00	2.06E-06	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	2.67E-04

495	ALL	671286.7	4340979	NonCancer	1.27E-05	4.50E-05	1.69E-04	0.00E+00	0.00E+00	1.03E-04	1.27E-05	0.00E+00	1.89E-06	0.00E+00	0.00E+00	5.80E-05	0.00E+00	0.00E+00	1.69E-04
496	ALL	671675.4	4342489	NonCancer	1.72E-05	6.16E-05	2.28E-04	0.00E+00	0.00E+00	1.35E-04	3.34E-05	0.00E+00	2.58E-06	0.00E+00	0.00E+00	7.34E-05	0.00E+00	0.00E+00	2.28E-04
497	ALL	671091.4	4342277	NonCancer	1.18E-04	5.68E-04	1.89E-03	0.00E+00	0.00E+00	8.00E-04	3.12E-04	0.00E+00	2.61E-05	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	1.89E-03
498	ALL	671051.8	4342332	NonCancer	9.52E-05	4.53E-04	1.52E-03	0.00E+00	0.00E+00	6.53E-04	2.75E-04	0.00E+00	2.07E-05	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	1.52E-03
499	ALL	671051.8	4342369	NonCancer	9.28E-05	4.42E-04	1.48E-03	0.00E+00	0.00E+00	6.40E-04	2.53E-04	0.00E+00	2.03E-05	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	1.48E-03
500	ALL	670953	4342361	NonCancer	8.19E-05	3.89E-04	1.34E-03	0.00E+00	0.00E+00	5.96E-04	2.02E-04	0.00E+00	1.79E-05	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	1.34E-03
501	ALL	670695.7	4342236	NonCancer	2.69E-05	1.00E-04	3.32E-04	0.00E+00	0.00E+00	1.75E-04	6.03E-05	0.00E+00	4.16E-06	0.00E+00	0.00E+00	7.48E-05	0.00E+00	0.00E+00	3.32E-04
502	ALL	670545.5	4342319	NonCancer	2.09E-05	7.50E-05	2.12E-04	0.00E+00	0.00E+00	9.83E-05	4.19E-05	0.00E+00	2.95E-06	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	2.12E-04
503	ALL	670711.7	4342488	NonCancer	5.17E-05	2.45E-04	7.93E-04	0.00E+00	0.00E+00	3.27E-04	1.14E-04	0.00E+00	1.11E-05	0.00E+00	0.00E+00	8.24E-05	0.00E+00	0.00E+00	7.93E-04
504	ALL	670648.3	4342502	NonCancer	4.59E-05	2.14E-04	6.61E-04	0.00E+00	0.00E+00	2.60E-04	9.59E-05	0.00E+00	9.55E-06	0.00E+00	0.00E+00	4.63E-05	0.00E+00	0.00E+00	6.61E-04
505	ALL	670648.3	4342631	NonCancer	2.97E-05	1.30E-04	4.10E-04	0.00E+00	0.00E+00	1.75E-04	9.83E-05	0.00E+00	5.71E-06	0.00E+00	0.00E+00	4.50E-05	0.00E+00	0.00E+00	4.10E-04
506	ALL	670806.3	4342728	NonCancer	4.53E-05	2.10E-04	7.01E-04	0.00E+00	0.00E+00	3.09E-04	1.03E-04	0.00E+00	9.51E-06	0.00E+00	0.00E+00	9.99E-05	0.00E+00	0.00E+00	7.01E-04
507	ALL	670688.2	4342739	NonCancer	2.68E-05	1.19E-04	3.70E-04	0.00E+00	0.00E+00	1.54E-04	8.89E-05	0.00E+00	5.23E-06	0.00E+00	0.00E+00	3.53E-05	0.00E+00	0.00E+00	3.70E-04
508	ALL	670804.9	4342428	NonCancer	3.77E-05	1.48E-04	5.59E-04	0.00E+00	0.00E+00	3.15E-04	1.34E-04	0.00E+00	6.50E-06	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	5.59E-04
509	ALL	670439.5	4342472	NonCancer	2.00E-05	6.59E-05	1.67E-04	0.00E+00	0.00E+00	7.66E-05	4.17E-05	0.00E+00	2.43E-06	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.67E-04
510	ALL	670358.4	4342579	NonCancer	1.84E-05	5.80E-05	1.41E-04	0.00E+00	0.00E+00	6.61E-05	4.06E-05	0.00E+00	2.05E-06	0.00E+00	0.00E+00	8.14E-06	0.00E+00	0.00E+00	1.41E-04
511	ALL	670546.6	4342662	NonCancer	4.05E-05	1.87E-04	5.82E-04	0.00E+00	0.00E+00	2.31E-04	8.00E-05	0.00E+00	8.38E-06	0.00E+00	0.00E+00	4.33E-05	0.00E+00	0.00E+00	5.82E-04
512	ALL	670537	4342595	NonCancer	4.05E-05	1.87E-04	5.72E-04	0.00E+00	0.00E+00	2.23E-04	7.70E-05	0.00E+00	8.30E-06	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	5.72E-04
513	ALL	670483.5	4342777	NonCancer	3.69E-05	1.71E-04	5.27E-04	0.00E+00	0.00E+00	2.08E-04	7.10E-05	0.00E+00	7.61E-06	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	5.27E-04
514	ALL	670508.2	4342755	NonCancer	3.74E-05	1.73E-04	5.36E-04	0.00E+00	0.00E+00	2.12E-04	7.50E-05	0.00E+00	7.72E-06	0.00E+00	0.00E+00	3.89E-05	0.00E+00	0.00E+00	5.36E-04
515	ALL	670517.8	4342869	NonCancer	3.70E-05	1.72E-04	5.27E-04	0.00E+00	0.00E+00	2.06E-04	7.09E-05	0.00E+00	7.65E-06	0.00E+00	0.00E+00	3.41E-05	0.00E+00	0.00E+00	5.27E-04
516	ALL	670545.3	4342851	NonCancer	3.50E-05	1.63E-04	5.00E-04	0.00E+00	0.00E+00	1.94E-04	7.42E-05	0.00E+00	7.26E-06	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	5.00E-04
517	ALL	670582.4	4342878	NonCancer	3.72E-05	1.73E-04	5.32E-04	0.00E+00	0.00E+00	2.07E-04	7.36E-05	0.00E+00	7.72E-06	0.00E+00	0.00E+00	3.45E-05	0.00E+00	0.00E+00	5.32E-04
518	ALL	670304.9	4342689	NonCancer	2.05E-05	6.84E-05	1.90E-04	0.00E+00	0.00E+00	9.49E-05	4.20E-05	0.00E+00	2.58E-06	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	1.90E-04
519	ALL	670039.7	4342661	NonCancer	1.32E-05	4.11E-05	9.97E-05	0.00E+00	0.00E+00	4.71E-05	2.16E-05	0.00E+00	1.45E-06	0.00E+00	0.00E+00	6.04E-06	0.00E+00	0.00E+00	9.97E-05
520	ALL	670156.5	4342673	NonCancer	1.55E-05	4.72E-05	1.12E-04	0.00E+00	0.00E+00	5.34E-05	2.88E-05	0.00E+00	1.63E-06	0.00E+00	0.00E+00	6.23E-06	0.00E+00	0.00E+00	1.12E-04
521	ALL	670236.2	4342649	NonCancer	1.68E-05	5.12E-05	1.21E-04	0.00E+00	0.00E+00	5.78E-05	3.44E-05	0.00E+00	1.76E-06	0.00E+00	0.00E+00	6.71E-06	0.00E+00	0.00E+00	1.21E-04
522	ALL	670071.3	4342738	NonCancer	1.48E-05	4.38E-05	1.01E-04	0.00E+00	0.00E+00	4.93E-05	2.75E-05	0.00E+00	1.48E-06	0.00E+00	0.00E+00	5.55E-06	0.00E+00	0.00E+00	1.01E-04
523	ALL	669990.2	4342753	NonCancer	1.35E-05	4.06E-05	9.51E-05	0.00E+00	0.00E+00	4.60E-05	2.31E-05	0.00E+00	1.39E-06	0.00E+00	0.00E+00	5.38E-06	0.00E+00	0.00E+00	9.51E-05
524	ALL	669928.4	4342742	NonCancer	1.25E-05	3.81E-05	9.07E-05	0.00E+00	0.00E+00	4.35E-05	1.97E-05	0.00E+00	1.32E-06	0.00E+00	0.00E+00	5.36E-06	0.00E+00	0.00E+00	9.07E-05
525	ALL	669815.8	4342673	NonCancer	1.15E-05	3.51E-05	8.39E-05	0.00E+00	0.00E+00	4.02E-05	1.57E-05	0.00E+00	1.22E-06	0.00E+00	0.00E+00	5.16E-06	0.00E+00	0.00E+00	8.39E-05
526	ALL	669743	4342656	NonCancer	1.11E-05	3.37E-05	8.02E-05	0.00E+00	0.00E+00	3.87E-05	1.46E-05	0.00E+00	1.16E-06	0.00E+00	0.00E+00	4.97E-06	0.00E+00	0.00E+00	8.02E-05
527	ALL	669791	4342745	NonCancer	1.16E-05	3.50E-05	8.27E-05	0.00E+00	0.00E+00	4.00E-05	1.67E-05	0.00E+00	1.20E-06	0.00E+00	0.00E+00	4.93E-06	0.00E+00	0.00E+00	8.27E-05
528	ALL	669696.3	4342731	NonCancer	1.12E-05	3.35E-05	7.82E-05	0.00E+00	0.00E+00	3.81E-05	1.50E-05	0.00E+00	1.14E-06	0.00E+00	0.00E+00	4.68E-06	0.00E+00	0.00E+00	7.82E-05
529	ALL	669536.9	4342553	NonCancer	8.89E-06	2.68E-05	6.41E-05	0.00E+00	0.00E+00	3.15E-05	1.16E-05	0.00E+00	9.20E-07	0.00E+00	0.00E+00	4.76E-06	0.00E+00	0.00E+00	6.41E-05
530	ALL	669228.6	4343290	NonCancer	5.57E-06	1.80E-05	5.07E-05	0.00E+00	0.00E+00	2.66E-05	1.20E-05	0.00E+00	6.69E-07	0.00E+00	0.00E+00	8.62E-06	0.00E+00	0.00E+00	5.07E-05
531	ALL	669170.4	4343325	NonCancer	5.28E-06	1.71E-05	5.77E-05	0.00E+00	0.00E+00	3.48E-05	1.16E-05	0.00E+00	6.65E-07	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	5.77E-05
532	ALL	669284.8	4343340	NonCancer	5.61E-06	1.80E-05	4.92E-05	0.00E+00	0.00E+00	2.53E-05	1.29E-05	0.00E+00	6.62E-07	0.00E+00	0.00E+00	7.32E-06	0.00E+00	0.00E+00	4.92E-05
533	ALL	669324.1	4343251	NonCancer	5.97E-06	1.91E-05	5.01E-05	0.00E+00	0.00E+00	2.48E-05	1.27E-05	0.00E+00	6.95E-07	0.00E+00	0.00E+00	5.74E-06	0.00E+00	0.00E+00	5.01E-05
534	ALL	669359.8	4343290	NonCancer	6.05E-06	1.93E-05	4.97E-05	0.00E+00	0.00E+00	2.41E-05	1.35E-05	0.00E+00	7.01E-07	0.00E+00	0.00E+00	4.74E-06	0.00E+00	0.00E+00	4.97E-05
535	ALL	669370.4	4343387	NonCancer	5.75E-06	1.84E-05	4.97E-05	0.00E+00	0.00E+00	2.52E-05	1.43E-05	0.00E+00	6.76E-07	0.00E+00	0.00E+00	6.77E-06	0.00E+00	0.00E+00	4.97E-05
536	ALL	669423.9	4343410	NonCancer	5.62E-06	1.84E-05	4.98E-05	0.00E+00	0.00E+00	2.45E-05	1.53E-05	0.00E+00	6.85E-07	0.00E+00	0.00E+00	6.13E-06	0.00E+00	0.00E+00	4.98E-05
537	ALL	669488.1	4343420	NonCancer	5.80E-06	1.89E-05	5.02E-05	0.00E+00	0.00E+00	2.44E-05	1.62E-05	0.00E+00	6.99E-07	0.00E+00	0.00E+00	5.53E-06	0.00E+00	0.00E+00	5.02E-05
538	ALL	669649.9	4343378	NonCancer	6.89E-06	2.25E-05	5.67E-05	0.00E+00	0.00E+00	2.61E-05	1.99E-05	0.00E+00	8.22E-07	0.00E+00	0.00E+00	3.58E-06	0.00E+00	0.00E+00	5.67E-05
539	ALL	669720.5	4343374	NonCancer	7.53E-06	2.42E-05	5.99E-05	0.00E+00	0.00E+00	2.76E-05	2.21E-05	0.00E+00	8.72E-07	0.00E+00	0.00E+00	3.48E-06	0.00E+00	0.00E+00	5.99E-05
540	ALL	669770.4	4343323	NonCancer	7.97E-06	2.54E-05	6.27E-05	0.00E+00	0.00E+00	2.91E-05	2.31E-05	0.00E+00	9.12E-07	0.00E+00	0.00E+00	3.67E-06	0.00E+00	0.00E+00	6.27E-05
541	ALL	669764	4343211	NonCancer	7.96E-06	2.56E-05	6.36E-05	0.00E+00	0.00E+00	2.95E-05	2.12E-05	0.00E+00	9.24E-07	0.00E+00	0.00E+00	3.88E-06	0.00E+00	0.00E+00	6.36E-05
542	ALL	669764.7	4343112	NonCancer	8.64E-06	2.70E-05	6.58E-05	0.00E+00	0.00E+00	3.10E-05	1.99E-05	0.00E+00	9.56E-07	0.00E+00	0.00E+00	4.00E-06	0.00E+00	0.00E+00	6.58E-05
543	ALL	669888.7	4343142	NonCancer	9.32E-06	2.92E-05	7.12E-05	0.00E+00	0.00E+00	3.33E-05	2.51E-05	0.00E+00	1.04E-06	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	7.12E-05
544	ALL	669888.7	4343250	NonCancer	8.84E-06	2.79E-05	6.83E-05	0.00E+00	0.00E+00	3.18E-05	2.58E-05	0.00E+00	9.95E-07	0.00E+00	0.00E+00	3.90E-06	0.00E+00	0.00E+00	6.83E-05
545	ALL	669864.5	4343261	NonCancer	8.62E-06	2.74E-05	6.72E-05	0.00E+00	0.00E+00	3.12E-05	2.50E-05	0.00E+00	9.79E-07	0.00E+00	0.00E+00	3.85E-06	0.00E+00	0.00E+00	6.72E-05
546	ALL	669088.8	4343481	NonCancer	4.77E-06	1.55E-05	5.27E-05	0.00E+00	0.00E+00	3.18E-05	1.18E-05	0.00E+00	6.06E-07	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	5.27E-05
547	ALL	668973.4	4343427	NonCancer	4.60E-06	1.51E-05	4.46E-05	0.00E+00	0.00E+00	2.38E-05	1.05E-05	0.00E+00	5.75E-07	0.00E+00	0.00E+00	8.74E-06	0.00E+00	0.00E+00	4.46E-05
548	ALL	669006.2	4343427	NonCancer	4.67E-06	1.52E-05	4.72E-05	0.00E+00	0.00E+00	2.65E-05	1.07E-05	0.00E+00	5.84E-07	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	4.72E-05
549	ALL	668940.6	4343516	NonCancer	4.46E-06	1.46E-05	4.06E-05	0.00E+00	0.00E+00	2.05E-05	1.08E-05	0.00E+00	5.48E-07	0.00E+00	0.00E+00	5.84E-06	0.00E+00	0.00E+00	4.06E-05
550	ALL	668922	4343557	NonCancer	4.43E-06	1.46E-05	3.91E-05	0.00E+00	0.00E+00	1.90E-05	1.10E-05	0.00E+00	5.43E-07	0.00E+00	0.00E+00	4.47E-06	0.00E+00	0.00E+00	3.91E-05
551	ALL	668475.6	4343142	NonCancer	4.16E-06	1.37E-05	3.65E-05	0.00E+00	0.00E+00	1.77E-05	9.38E-06	0.00E+00	5.08E-07	0.00E+00	0.00E+00	4.05E-06	0.00E+00	0.00E+00	3.65E-05
552	ALL	668572	4343208	NonCancer	4.31E-06	1.41E-05	3.77E-05	0.00E+00	0.00E+00	1.85E-05	9.26E-06	0.00E+00	5.22E-07	0.00E+00	0.00E+00	4.45E-06	0.00E+00	0.00E+00	3.77E-05
553	ALL	668567	4343041	NonCancer	4.55E-06	1.49E-05	3.88E-05	0.00E+00	0.00E+00	1.85E-05	9.82E-06	0.00E+00	5.48E-07	0.00E+00	0.00E+00	3.62E-06	0.00E+00	0.00E+00	3.88E-05
554	ALL	669299	4342841	NonCancer	7.37E-06	2.30E-05	5.67E-05	0.00E+00	0.00E+00	2.73E-05	1.13E-05	0.00E+00	8.13E-07	0.00E+00	0.00E+00	4.30E-06	0.00E+00	0.00E+00	5.67E-05
555	ALL	669377.8	4342728	NonCancer	7.86E-06	2.42E-05	5.94E-05	0.00E+00	0.00E+00	2.90E-05	1.15E-05	0.00E+00	8.49E-07	0.00E+00	0.00E+00	4.75E-06	0.00E+00	0.00E+00	5.94E-05
556	ALL	669384.5	4342770	NonCancer	7.84E-06	2.42E-05	5.93E-05	0.00E+00	0.00E+00	2.89E-05	1.16E-05	0.00E+00	8.47E-07	0.00E+00	0.00E+00	4.74E-06	0.00E+00	0.00E+00	5.93E-05
557	ALL	669341.7	4342653	NonCancer	7.83E-06	2.41E-05	5.88E-05	0.00E+00	0.00E+00	2.86E-05	1.13E-05	0.00E+00	8.42E-07	0.00E+00	0.00E+00	4.56E-06	0.00E+00	0.00E+00	5.88E-05
558	ALL	669307.3	4342655	NonCancer	7.66E-06	2.36E-05	5.77E-05	0.00E+00	0.00E+00	2.81E-05	1.12E-05	0.00E+00	8.26E-07	0.00E+00	0.00E+00	4.57E-06	0.00E+00	0.00E+00	5.77E-05
559	ALL	670048.3	4342946	NonCancer	2.52E-05	1.07E-04	3.21E-04	0.00E+00	0.00E+00	1.32E-04	3.49E-05	0.00E+00	4.61E-06	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	3.21E-04
560	ALL	670299.6	4342854	NonCancer	3.29E-05	1.50E-04	4.59E-04	0.00E+00	0.00E+00	1.80E-04	5.35E-05	0.00E+00	6.67E-06	0.00E+00	0.00E+00	2.92E-05	0.00E+00	0.00E+00	4.59E-04
561	ALL	670426.4	4342917	NonCancer	3.59E-05	1.64E-04	5.01E-04	0.00E+00	0.00E+00	1.98E-04	6.17E-05	0.00E+00	7.25E-06	0.00E+00	0.00E+00	3.41E-05	0.00E+00	0.00E+00	5.01E-04
562	ALL	671174.9	4342280	NonCancer	1.10E-04	5.31E-04	1.76E-03	0.00E+00	0.00E+00	7.42E-04	2.71E-04	0.00E+00	2.44E-05	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	1.76E-03
563	ALL	671068.4	4342170	NonCancer	9.06E-05	3.95E-04	1.48E-03	0.00E+00	0.00E+00	7.76E-04	1.90E-04	0.00E+00	1.80E-05	0.00E+00	0.00E+00	3.82E-04	0.00E+00	0.00E+00	1.48E-03
564	ALL	670965.7	4342179	NonCancer	5.30E-05	2.07E-04	8.46E-04	0.00E+00	0.00E+00	5.07E-04	1.34E-04	0.00E+00	9.26E-06	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	8.46E-04
565	ALL	670815.5	4342198	NonCancer	3.22E-05	1.23E-04	4.57E-04	0.00E+00	0.00E+00	2.60E-04	6.93E-05	0.00E+00	5.32E-06	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	4.57E-04
566	ALL	670737.6	4342098	NonCancer	2.60E-05	9.73E-05	3.56E-04	0.00E+00	0.00E+00	2.02E-04	5.05E-05	0.00E+00	4.16E-06	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	3.56E-04
567	ALL	670762.3	4342069	NonCancer	2.69E-05	1.01E-04	3.78E-04	0.00E+00	0.00E+00	2.19E-04	6.17E-05	0.00E+00	4.34E-06	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	3.78E-04
568	ALL	670817.4	4342041	NonCancer	2.98E-05	1.12E-04	4.52E-04	0.00E+00	0.00E+00	2.75E-04	8.24E-05	0.00E+00	4.93E-06	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	4.52E-04
569	ALL	670895.4	4342025	NonCancer	3.49E-05	1.33E-04	5.79E-04	0.00E+00	0.00E+00	3.64E-04	1.34E-04	0.00E+00	6.03E-06	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	5.79E-04
570	ALL	670979	4341915	NonCancer	3.92E-05	1.48E-04	7.01E-04	0.00E+00	0.00E+00	4.65E-04	9.06E-05	0.00E+00	6.84E-06	0.00E+00	0.00E+00	3.18E-04	0.00E+00	0.00E+00	7.01E-04
571	ALL	671115.9	4341864	NonCancer	5.60E-05	2.29E-04	1.26E-03	0.00E+00	0.00E+00	8.78E-04	5.13E-05	0.00E+00	1.14E-05	0.00E+00	0.00E+00	6.52E-04	0.00E+00	0.00E+00	1.26E-03
572	ALL	671199.6	4341771	NonCancer	7.83E-05	3.72E-04	1.90E-03	0.00E+00	0.00E+00	1.20E-03	6.53E-05	0.00E+00	1.90E-05	0.00E+00	0.00E+00	8.28E-04	0.00E+00	0.00E+00	1.90E-03
573	ALL	671222.4	4341377	NonCancer	2.17E-05	8.52E-05	4.54E-04	0.00E+00	0.00E+00	3.15E-04	2.63E-05	0.00E+00	4.14E-06	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	4.54E-04
574	ALL	671714.8	4341392	NonCancer	3.87E-05	1.52E-04	6.11E-04	0.00E+00	0.00E+00	3.60E-04	2.03E-05	0.00E+00	6.80E-06	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	6.11E-04
575	ALL	671366.9	4341999	NonCancer	2.02E-04	9.71E-04	3.83E-03	0.00E+00	0.00E+00	1.96E-03	1.46E-04	0.00E+00	4.64E-05	0.00E+00	0.00E+00	9.97E-04	0.00E+00	0.00E+00	3.83E-03
576	ALL	671226.2	4342236	NonCancer	1.14E-04	5.46E-04	1.81E-03	0.00E+00	0.00E+00	7.64E-04	1.89E-04	0.00E+00	2.51E-05	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	1.81E-03
577	ALL	669098.4	4343412	NonCancer	4.85E-06	1.56E-05	5.26E-05	0.00E+00	0.00E+00	3.18E-05	1.14E-05	0.00E+00	6.07E-07	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	5.26E-05
578	ALL	668908.6	4343365	NonCancer	4.65E-06	1.53E-05	4.24E-05	0.00E+00	0.00E+00	2.15E-05	9.91E-06	0.00E+00	5.72E-07	0.00E+00	0.00E+00	6.21E-06	0.00E+00	0.00E+00	4.24E-05
579	ALL	668851.5	4343360	NonCancer	4.56E-06	1.50E-05	4.02E-05	0.00E+00	0.00E+00	1.96E-05	9.62E-06	0.00E+00	5.57E-07	0.00E+00	0.00E+00	4.65E-06	0.00E+00	0.00E+00	4.02E-05
580	ALL	668831.4	4343371	NonCancer	4.50E-06	1.48E-05	3.94E-05	0.00E+00	0.00E+00	1.91E-05	9.54E-06	0.00E+00	5.50E-07	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	3.94E-05
581	ALL	668733.9	4343302	NonCancer	4.39E-06	1.45E-05	3.78E-05	0.00E+00	0.00E+00	1.78E-05	9.24E-06	0.00E+00	5.37E-07	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	3.78E-05
582	ALL	668686.9	4343200	NonCancer	4.57E-06	1.49E-05	4.02E-05	0.00E+00	0.00E+00	2.01E-05	9.41E-06	0.00E+00	5.50E-07	0.00E+00	0.00E+00	5.27E-06	0.00E+00	0.00E+00	4.02E-05
583	ALL	668671.8	4343089	NonCancer	4.65E-06	1.51E-05	4.05E-05	0.00E+00	0.00E+00	2.01E-05	9.76E-06	0.00E+00	5.58E-07	0.00E+00	0.00E+00	4.95E-06	0.00E+00	0.00E+00	4.05E-05
584	ALL	668806.2	4343002	NonCancer	5.11E-06	1.64E-05	4.34E-05	0.00E+00	0.00E+00	2.17E-05	1.02E-05	0.00E+00	5.98E-07	0.00E+00	0.00E+00	5.30E-06	0.00E+00	0.00E+00	4.34E-05
585	ALL	668918.7	4343025	NonCancer	5.47E-06	1.75E-05	4.65E-05	0.00E+00	0.00E+00	2.34E-05	1.03E-05	0.00E+00	6.36E-07	0.00E+00	0.00E+00	6.00E-06	0.00E+00	0.00E+00	4.65E-05
586	ALL	669024.5	4342943	NonCancer	5.94E-06	1.88E-05	4.88E-05	0.00E+00	0.00E+00	2.42E-05	1.07E-05	0.00E+00	6.78E-07	0.00E+00	0.00E+00	5.46E-06	0.00E+00	0.00E+00	4.88E-05
587	ALL	669288.2	4342916	NonCancer	7.16E-06	2.24E-05	5.56E-05	0.00E+00	0.00E+00	2.69E-05	1.12E-05	0.00E+00	7.94E-07	0.00E+00	0.00E+00	4.55E-06	0.00E+00	0.00E+00	5.56E-05
588	ALL	669333.6	4342923	NonCancer	7.39E-06	2.30E-05	5.69E-05	0.00E+00	0.00E+00	2.76E-05	1.14E-05	0.00E+00	8.13E-07	0.00E+00	0.00E+00	4.58E-06	0.00E+00	0.00E+00	5.69E-05
589	ALL	669365.5	4342978	NonCancer	7.07E-06	2.25E-05	5.71E-05	0.00E+00	0.00E+00	2.73E-05	1.16E-05	0.00E+00	8.13E-07	0.00E+00	0.00E+00	4.81E-06	0.00E+00	0.00E+00	5.71E-05
590	ALL	669337	4343151	NonCancer	6.31E-06	2.04E-05	5.38E-05	0.00E+00	0.00E+00	2.64E-05	1.21E-05	0.00E+00	7.48E-07	0.00E+00	0.00E+00	5.97E-06	0.00E+00	0.00E+00	5.38E-05
591	ALL	669303.4	4343304	NonCancer	5.76E-06	1.84E-05	4.91E-05	0.00E+00	0.00E+00	2.48E-05	1.29E-05	0.00E+00	6.73E-07	0.00E+00	0.00E+00	6.37E-06	0.00E+00	0.00E+00	4.91E-05
592	ALL	669222.7	4343235	NonCancer	5.71E-06	1.85E-05	5.26E-05	0.00E+00	0.00E+00	2.76E-05	1.16E-05	0.00E+00	6.93E-07	0.00E+00	0.00E+00	9.07E-06	0.00E+00	0.00E+00	5.26E-05
593	ALL	669135.4	4343306	NonCancer	5.24E-06	1.70E-05	4.88E-05	0.00E+00	0.00E+00	2.58E-05	1.12E-05	0.00E+00	6.37E-07	0.00E+00	0.00E+00	8.84E-06	0.00E+00	0.00E+00	4.88E-05

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		668148.8	4340781	NonCancer	3.19E-04	5.55E-04	3.60E-07	7.61E-05	3.43E-08	3.96E-04	1.90E-03	3.19E-04	2.43E-09	0.00E+00	0.00E+00	5.33E-05	0.00E+00	0.00E+00	1.90E-03
2	ALL		668370.1	4340781	NonCancer	3.81E-04	6.59E-04	4.25E-07	8.99E-05	4.06E-08	4.71E-04	2.24E-03	3.81E-04	2.76E-09	0.00E+00	0.00E+00	6.28E-05	0.00E+00	0.00E+00	2.24E-03
3	ALL		668591.4	4340781	NonCancer	4.46E-04	7.71E-04	4.97E-07	1.05E-04	4.75E-08	5.52E-04	2.63E-03	4.46E-04	3.11E-09	0.00E+00	0.00E+00	7.35E-05	0.00E+00	0.00E+00	2.63E-03
4	ALL		668812.7	4340781	NonCancer	5.11E-04	8.92E-04	5.82E-07	1.23E-04	5.54E-08	6.35E-04	3.06E-03	5.11E-04	3.50E-09	0.00E+00	0.00E+00	8.59E-05	0.00E+00	0.00E+00	3.06E-03
5	ALL		669034	4340781	NonCancer	6.04E-04	1.06E-03	6.93E-07	1.46E-04	6.59E-08	7.52E-04	3.64E-03	6.04E-04	3.99E-09	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	3.64E-03
6	ALL		669255.3	4340781	NonCancer	7.22E-04	1.27E-03	8.33E-07	1.76E-04	7.90E-08	8.99E-04	4.36E-03	7.22E-04	4.56E-09	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	4.36E-03
7	ALL		669476.7	4340781	NonCancer	8.22E-04	1.47E-03	9.97E-07	2.09E-04	9.38E-08	1.03E-03	5.15E-03	8.22E-04	5.16E-09	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	5.15E-03
8	ALL		669698	4340781	NonCancer	9.63E-04	1.75E-03	1.21E-06	2.53E-04	1.13E-07	1.22E-03	6.20E-03	9.63E-04	5.88E-09	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	6.20E-03
9	ALL		669919.3	4340781	NonCancer	1.13E-03	2.14E-03	1.56E-06	3.23E-04	1.44E-07	1.45E-03	7.79E-03	1.13E-03	1.38E-08	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	7.79E-03
10	ALL		670140.6	4340781	NonCancer	1.21E-03	2.40E-03	1.85E-06	3.79E-04	1.68E-07	1.59E-03	8.99E-03	1.21E-03	1.39E-08	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	8.99E-03
11	ALL		670361.9	4340781	NonCancer	1.20E-03	2.47E-03	1.98E-06	4.04E-04	1.78E-07	1.60E-03	9.48E-03	1.20E-03	1.13E-08	0.00E+00	0.00E+00	2.88E-04	0.00E+00	0.00E+00	9.48E-03
12	ALL		670583.2	4340781	NonCancer	9.79E-04	2.05E-03	1.67E-06	3.40E-04	1.50E-07	1.32E-03	7.95E-03	9.79E-04	1.69E-08	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	7.95E-03
13	ALL		670804.5	4340781	NonCancer	7.84E-04	1.64E-03	1.33E-06	2.71E-04	1.19E-07	1.06E-03	6.34E-03	7.84E-04	1.32E-08	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	6.34E-03
14	ALL		671025.8	4340781	NonCancer	5.10E-04	1.03E-03	8.05E-07	1.65E-04	7.27E-08	6.76E-04	3.89E-03	5.10E-04	1.26E-08	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	3.89E-03
15	ALL		671247.1	4340781	NonCancer	4.48E-04	9.16E-04	7.30E-07	1.49E-04	6.57E-08	5.97E-04	3.51E-03	4.48E-04	6.39E-09	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	3.51E-03
16	ALL		671468.4	4340781	NonCancer	4.91E-04	1.02E-03	8.33E-07	1.69E-04	7.46E-08	6.61E-04	3.97E-03	4.91E-04	4.22E-09	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	3.97E-03
17	ALL		671689.8	4340781	NonCancer	5.35E-04	1.16E-03	9.76E-07	1.97E-04	8.66E-08	7.33E-04	4.59E-03	5.35E-04	2.70E-09	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	4.59E-03
18	ALL		671911.1	4340781	NonCancer	4.79E-04	1.04E-03	8.76E-07	1.77E-04	7.77E-08	6.57E-04	4.13E-03	4.79E-04	1.80E-09	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	4.13E-03
19	ALL		672132.4	4340781	NonCancer	3.58E-04	7.76E-04	6.55E-07	1.33E-04	5.81E-08	4.91E-04	3.09E-03	3.58E-04	1.08E-09	0.00E+00	0.00E+00	9.46E-05	0.00E+00	0.00E+00	3.09E-03
20	ALL		672353.7	4340781	NonCancer	3.44E-04	7.42E-04	6.23E-07	1.26E-04	5.53E-08	4.71E-04	2.93E-03	3.44E-04	1.36E-09	0.00E+00	0.00E+00	9.00E-05	0.00E+00	0.00E+00	2.93E-03
21	ALL		672575	4340781	NonCancer	3.23E-04	7.00E-04	5.90E-07	1.19E-04	5.24E-08	4.43E-04	2.77E-03	3.23E-04	1.47E-09	0.00E+00	0.00E+00	8.53E-05	0.00E+00	0.00E+00	2.77E-03
22	ALL		668148.8	4340946	NonCancer	2.83E-04	4.92E-04	3.20E-07	6.76E-05	3.05E-08	3.51E-04	1.68E-03	2.83E-04	2.41E-09	0.00E+00	0.00E+00	4.73E-05	0.00E+00	0.00E+00	1.68E-03
23	ALL		668370.1	4340946	NonCancer	3.38E-04	5.87E-04	3.82E-07	8.07E-05	3.64E-08	4.19E-04	2.01E-03	3.38E-04	2.76E-09	0.00E+00	0.00E+00	5.65E-05	0.00E+00	0.00E+00	2.01E-03
24	ALL		668591.4	4340946	NonCancer	4.00E-04	6.96E-04	4.53E-07	9.57E-05	4.31E-08	4.96E-04	2.38E-03	4.00E-04	3.14E-09	0.00E+00	0.00E+00	6.69E-05	0.00E+00	0.00E+00	2.38E-03
25	ALL		668812.7	4340946	NonCancer	4.71E-04	8.23E-04	5.38E-07	1.13E-04	5.11E-08	5.85E-04	2.82E-03	4.71E-04	3.57E-09	0.00E+00	0.00E+00	7.94E-05	0.00E+00	0.00E+00	2.82E-03
26	ALL		669034	4340946	NonCancer	5.82E-04	1.01E-03	6.57E-07	1.39E-04	6.26E-08	7.22E-04	3.46E-03	5.82E-04	4.18E-09	0.00E+00	0.00E+00	9.71E-05	0.00E+00	0.00E+00	3.46E-03
27	ALL		669255.3	4340946	NonCancer	7.00E-04	1.22E-03	8.01E-07	1.69E-04	7.61E-08	8.70E-04	4.20E-03	7.00E-04	4.84E-09	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	4.20E-03
28	ALL		669476.7	4340946	NonCancer	8.19E-04	1.46E-03	9.78E-07	2.06E-04	9.22E-08	1.03E-03	5.08E-03	8.19E-04	5.58E-09	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	5.08E-03
29	ALL		669698	4340946	NonCancer	1.04E-03	1.85E-03	1.25E-06	2.62E-04	1.17E-07	1.30E-03	6.45E-03	1.04E-03	6.57E-09	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	6.45E-03
30	ALL		669919.3	4340946	NonCancer	1.21E-03	2.22E-03	1.55E-06	3.23E-04	1.44E-07	1.54E-03	7.86E-03	1.21E-03	1.56E-08	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	7.86E-03
31	ALL		670140.6	4340946	NonCancer	1.42E-03	2.75E-03	2.06E-06	4.25E-04	1.88E-07	1.85E-03	1.02E-02	1.42E-03	1.84E-08	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	1.02E-02
32	ALL		670361.9	4340946	NonCancer	1.50E-03	3.06E-03	2.42E-06	4.95E-04	2.18E-07	2.00E-03	1.16E-02	1.50E-03	1.67E-08	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	1.16E-02
33	ALL		670583.2	4340946	NonCancer	1.50E-03	3.18E-03	2.63E-06	5.33E-04	2.34E-07	2.03E-03	1.24E-02	1.50E-03	1.99E-08	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	1.24E-02
34	ALL		670804.5	4340946	NonCancer	1.18E-03	2.51E-03	2.08E-06	4.22E-04	1.86E-07	1.61E-03	9.85E-03	1.18E-03	2.45E-08	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	9.85E-03
35	ALL		671025.8	4340946	NonCancer	7.12E-04	1.47E-03	1.18E-06	2.40E-04	1.06E-07	9.52E-04	5.63E-03	7.11E-04	1.76E-08	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	5.63E-03
36	ALL		671247.1	4340946	NonCancer	5.32E-04	1.09E-03	8.78E-07	1.79E-04	7.88E-08	7.12E-04	4.20E-03	5.32E-04	8.51E-09	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	4.20E-03
37	ALL		671468.4	4340946	NonCancer	5.78E-04	1.22E-03	1.01E-06	2.05E-04	9.00E-08	7.84E-04	4.79E-03	5.78E-04	5.78E-09	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	4.79E-03
38	ALL		671689.8	4340946	NonCancer	7.49E-04	1.64E-03	1.40E-06	2.83E-04	1.24E-07	1.03E-03	6.56E-03	7.49E-04	3.55E-09	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	6.56E-03
39	ALL		671911.1	4340946	NonCancer	7.38E-04	1.63E-03	1.39E-06	2.81E-04	1.23E-07	1.02E-03	6.52E-03	7.38E-04	3.19E-09	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	6.52E-03
40	ALL		672132.4	4340946	NonCancer	3.81E-04	8.27E-04	6.98E-07	1.41E-04	6.19E-08	5.23E-04	3.29E-03	3.81E-04	1.10E-09	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	3.29E-03
41	ALL		672353.7	4340946	NonCancer	3.76E-04	8.19E-04	6.93E-07	1.40E-04	6.14E-08	5.17E-04	3.26E-03	3.76E-04	1.14E-09	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	3.26E-03
42	ALL		672575	4340946	NonCancer	4.30E-04	9.46E-04	8.09E-07	1.63E-04	7.15E-08	5.94E-04	3.79E-03	4.30E-04	1.54E-09	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	3.79E-03
43	ALL		668148.8	4341111	NonCancer	2.54E-04	4.42E-04	2.87E-07	6.07E-05	2.73E-08	3.15E-04	1.51E-03	2.54E-04	2.43E-09	0.00E+00	0.00E+00	4.26E-05	0.00E+00	0.00E+00	1.51E-03
44	ALL		668370.1	4341111	NonCancer	2.95E-04	5.13E-04	3.34E-07	7.06E-05	3.18E-08	3.66E-04	1.75E-03	2.95E-04	2.73E-09	0.00E+00	0.00E+00	4.95E-05	0.00E+00	0.00E+00	1.75E-03
45	ALL		668591.4	4341111	NonCancer	3.58E-04	6.22E-04	4.04E-07	8.54E-05	3.85E-08	4.44E-04	2.12E-03	3.58E-04	3.16E-09	0.00E+00	0.00E+00	5.98E-05	0.00E+00	0.00E+00	2.12E-03
46	ALL		668812.7	4341111	NonCancer	4.28E-04	7.45E-04	4.84E-07	1.02E-04	4.61E-08	5.31E-04	2.55E-03	4.28E-04	3.64E-09	0.00E+00	0.00E+00	7.16E-05	0.00E+00	0.00E+00	2.55E-03
47	ALL		669034	4341111	NonCancer	5.24E-04	9.11E-04	5.92E-07	1.25E-04	5.63E-08	6.50E-04	3.11E-03	5.24E-04	4.26E-09	0.00E+00	0.00E+00	8.75E-05	0.00E+00	0.00E+00	3.11E-03
48	ALL		669255.3	4341111	NonCancer	6.27E-04	1.10E-03	7.23E-07	1.52E-04	6.86E-08	7.80E-04	3.79E-03	6.27E-04	4.95E-09	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	3.79E-03
49	ALL		669476.7	4341111	NonCancer	7.92E-04	1.39E-03	9.17E-07	1.93E-04	8.70E-08	9.86E-04	4.80E-03	7.92E-04	5.96E-09	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	4.80E-03
50	ALL		669698	4341111	NonCancer	1.03E-03	1.81E-03	1.19E-06	2.51E-04	1.13E-07	1.28E-03	6.23E-03	1.03E-03	7.18E-09	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	6.23E-03
51	ALL		669919.3	4341111	NonCancer	1.27E-03	2.27E-03	1.54E-06	3.23E-04	1.45E-07	1.60E-03	7.96E-03	1.27E-03	8.61E-09	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	7.96E-03
52	ALL		670140.6	4341111	NonCancer	1.51E-03	2.77E-03	1.95E-06	4.06E-04	1.81E-07	1.92E-03	9.86E-03	1.51E-03	2.04E-08	0.00E+00	0.00E+00	2.88E-04	0.00E+00	0.00E+00	9.86E-03
53	ALL		670361.9	4341111	NonCancer	1.64E-03	3.15E-03	2.35E-06	4.85E-04	2.15E-07	2.12E-03	1.16E-02	1.64E-03	2.16E-08	0.00E+00	0.00E+00	3.46E-04	0.00E+00	0.00E+00	1.16E-02
54	ALL		670583.2	4341111	NonCancer	1.66E-03	3.40E-03	2.72E-06	5.54E-04	2.44E-07	2.21E-03	1.30E-02	1.66E-03	1.49E-08	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	1.30E-02
55	ALL		670804.5	4341111	NonCancer	1.50E-03	3.20E-03	2.66E-06	5.40E-04	2.37E-07	2.04E-03	1.26E-02	1.50E-03	2.81E-08	0.00E+00	0.00E+00	3.90E-04	0.00E+00	0.00E+00	1.26E-02
56	ALL		671025.8	4341111	NonCancer	1.03E-03	2.17E-03	1.79E-06	3.63E-04	1.60E-07	1.39E-03	8.48E-03	1.03E-03	2.27E-08	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	8.48E-03
57	ALL		671247.1	4341111	NonCancer	7.85E-04	1.64E-03	1.34E-06	2.72E-04	1.20E-07	1.06E-03	6.38E-03	7.85E-04	1.31E-08	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	6.38E-03
58	ALL		671468.4	4341111	NonCancer	8.50E-04	1.84E-03	1.55E-06	3.13E-04	1.37E-07	1.16E-03	7.28E-03	8.49E-04	7.37E-09	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	7.28E-03
59	ALL		671689.8	4341111	NonCancer	1.22E-03	2.72E-03	2.35E-06	4.73E-04	2.07E-07	1.70E-03	1.09E-02	1.22E-03	5.30E-09	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	1.09E-02
60	ALL		671911.1	4341111	NonCancer	9.80E-04	2.18E-03	1.88E-06	3.78E-04	1.66E-07	1.36E-03	8.76E-03	9.80E-04	3.44E-09	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	8.76E-03
61	ALL		672132.4	4341111	NonCancer	5.08E-04	1.12E-03	9.56E-07	1.93E-04	8.45E-08	7.02E-04	4.48E-03	5.08E-04	1.23E-09	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	4.48E-03
62	ALL		672353.7	4341111	NonCancer	4.67E-04	1.03E-03	8.88E-07	1.79E-04	7.84E-08	6.47E-04	4.16E-03	4.67E-04	9.77E-10	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	4.16E-03
63	ALL		672575	4341111	NonCancer	5.89E-04	1.31E-03	1.13E-06	2.29E-04	1.00E-07	8.19E-04	5.30E-03	5.89E-04	1.64E-09	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	5.30E-03
64	ALL		668148.8	4341276	NonCancer	2.32E-04	4.04E-04	2.64E-07	5.57E-05	2.51E-08	2.88E-04	1.38E-03	2.32E-04	2.46E-09	0.00E+00	0.00E+00	3.91E-05	0.00E+00	0.00E+00	1.38E-03
65	ALL		668370.1	4341276	NonCancer	2.68E-04	4.67E-04	3.05E-07	6.44E-05	2.90E-08	3.32E-04	1.60E-03	2.68E-04	2.77E-09	0.00E+00	0.00E+00	4.52E-05	0.00E+00	0.00E+00	1.60E-03
66	ALL		668591.4	4341276	NonCancer	3.19E-04	5.55E-04	3.61E-07	7.63E-05	3.44E-08	3.96E-04	1.90E-03	3.19E-04	3.19E-09	0.00E+00	0.00E+00	5.35E-05	0.00E+00	0.00E+00	1.90E-03
67	ALL		668812.7	4341276	NonCancer	3.88E-04	6.72E-04	4.33E-07	9.17E-05	4.13E-08	4.81E-04	2.29E-03	3.88E-04	3.71E-09	0.00E+00	0.00E+00	6.42E-05	0.00E+00	0.00E+00	2.29E-03
68	ALL		669034	4341276	NonCancer	4.93E-04	8.40E-04	5.28E-07	1.12E-04	5.08E-08	6.06E-04	2.82E-03	4.93E-04	4.37E-09	0.00E+00	0.00E+00	7.83E-05	0.00E+00	0.00E+00	2.82E-03
69	ALL		669255.3	4341276	NonCancer	5.89E-04	1.01E-03	6.48E-07	1.37E-04	6.20E-08	7.27E-04	3.43E-03	5.89E-04	5.17E-09	0.00E+00	0.00E+00	9.60E-05	0.00E+00	0.00E+00	3.43E-03
70	ALL		669476.7	4341276	NonCancer	7.16E-04	1.25E-03	8.11E-07	1.71E-04	7.72E-08	8.88E-04	4.27E-03	7.16E-04	6.19E-09	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	4.27E-03
71	ALL		669698	4341276	NonCancer	9.31E-04	1.62E-03	1.05E-06	2.23E-04	1.00E-07	1.15E-03	5.55E-03	9.31E-04	7.60E-09	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	5.55E-03
72	ALL		669919.3	4341276	NonCancer	1.22E-03	2.12E-03	1.38E-06	2.92E-04	1.32E-07	1.51E-03	7.25E-03	1.22E-03	1.67E-08	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	7.25E-03
73	ALL		670140.6	4341276	NonCancer	1.42E-03	2.40E-03	1.48E-06	3.17E-04	1.44E-07	1.74E-03	7.94E-03	1.42E-03	1.79E-08	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	7.94E-03
74	ALL		670361.9	4341276	NonCancer	1.66E-03	2.92E-03	1.93E-06	4.06E-04	1.83E-07	2.07E-03	1.00E-02	1.66E-03	2.04E-08	0.00E+00	0.00E+00	2.86E-04	0.00E+00	0.00E+00	1.00E-02
75	ALL		670583.2	4341276	NonCancer	1.63E-03	3.13E-03	2.32E-06	4.78E-04	2.12E-07	2.11E-03	1.14E-02	1.63E-03	1.93E-08	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	1.14E-02
76	ALL		670804.5	4341276	NonCancer	1.86E-03	3.93E-03	3.24E-06	6.58E-04	2.89E-07	2.52E-03	1.54E-02	1.86E-03	2.30E-08	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	1.54E-02
77	ALL		671025.8	4341276	NonCancer	1.83E-03	3.98E-03	3.38E-06	6.83E-04	2.99E-07	2.51E-03	1.59E-02	1.83E-03	3.04E-08	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	1.59E-02
78	ALL		671247.1	4341276	NonCancer	1.55E-03	3.36E-03	2.83E-06	5.72E-04	2.51E-07	2.13E-03	1.33E-02	1.55E-03	2.21E-08	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	1.33E-02
79	ALL		671468.4	4341276	NonCancer	2.24E-03	5.02E-03	4.36E-06	8.78E-04	3.84E-07	3.12E-03	2.03E-02	2.24E-03	1.29E-08	0.00E+00	0.00E+00	6.29E-04	0.00E+00	0.00E+00	2.03E-02
80	ALL		671689.8	4341276	NonCancer	2.30E-03	5.20E-03	4.55E-06	9.15E-04	4.00E-07	3.22E-03	2.11E-02	2.30E-03	1.16E-08	0.00E+00	0.00E+00	6.56E-04	0.00E+00	0.00E+00	2.11E-02
81	ALL		671911.1	4341276	NonCancer	1.43E-03	3.21E-03	2.79E-06	5.62E-04	2.46E-07	2.00E-03	1.30E-02	1.43E-03	4.85E-09	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	1.30E-02
82	ALL		672132.4	4341276	NonCancer	8.50E-04	1.90E-03	1.65E-06	3.33E-04	1.46E-07	1.18E-03	7.72E-03	8.50E-04	1.44E-09	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	7.72E-03
83	ALL		672353.7	4341276	NonCancer	6.48E-04	1.45E-03	1.26E-06	2.54E-04	1.11E-07	9.03E-04	5.88E-03	6.48E-04	1.04E-09	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	5.88E-03
84	ALL		672575	4341276	NonCancer	7.46E-04	1.67E-03	1.45E-06	2.91E-04	1.27E-07	1.04E-03	6.74E-03	7.46E-04	2.00E-09	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	6.74E-03
85	ALL		668148.8	4341441	NonCancer	2.15E-04	3.77E-04	2.48E-07	5.23E-05	2.35E-08	2.67E-04	1.30E-03	2.15E-04	2.48E-09	0.00E+00	0.00E+00	3.68E-05	0.00E+00	0.00E+00	1.30E-03
86	ALL		668370.1	4341441	NonCancer	2.47E-04	4.34E-04	2.86E-07	6.03E-05	2.71E-08	3.08E-04	1.49E-03	2.47E-04	2.80E-09	0.00E+00	0.00E+00	4.24E-05	0.00E+00	0.00E+00	1.49E-03
87	ALL		668591.4	4341441	NonCancer	2.89E-04	5.06E-04	3.33E-07	7.02E-05	3.16E-08	3.59E-04	1.74E-03	2.89E-04	3.20E-09	0.00E+00	0.00E+00	4.93E-05	0.00E+00	0.00E+00	1.74E-03
88	ALL		668812.7	4341441	NonCancer	3.53E-04	6.11E-04	3.96E-07	8.37E-05	3.77E-08	4.37E-04	2.08E-03	3.53E-04	3.74E-09	0.00E+00	0.00E+00	5.86E-05	0.00E+00	0.00E+00	2.08E-03
89	ALL		669034	4341441	NonCancer	4.35E-04	7.44E-04	4.73E-07	1.00E-04	4.53E-08	5.35E-04	2.51E-03	4.35E-04	4.39E-09	0.00E+00	0.00E+00	7.02E-05	0.00E+00	0.00E+00	2.51E-03
90	ALL		669255.3	4341441	NonCancer	5.01E-04	8.72E-04	5.69E-07	1.20E-04	5.40E-08	6.21E-04	2.99E-03	5.01E-04	5.19E-09	0.00E+00	0.00E+00	8.42E-05	0.00E+00	0.00E+00	2.99E-03
91	ALL		669476.7	4341441	NonCancer	6.30E-04	1.09E-03	7.08E-07	1.50E-04	6.74E-08	7.80E-04	3.73E-03	6.30E-04	6.31E-09	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	3.73E-03
92	ALL		669698	4341441	NonCancer	8.33E-04	1.43E-03	9.10E-07	1.93E-04	8.71E-08	1.03E-03	4.83E-03	8.33E-04	7.87E-09	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	4.83E-03
93	ALL		669919.3	4341441	NonCancer	9.71E-04	1.59E-03	9.30E-07	2.01E-04	9.15E-08	1.17E-03	5.12E-03	9.71E-04	1.30E-08	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	5.12E-03
94	ALL		670140.6	4341441	NonCancer	1.24E-03	1.93E-03	1.04E-06	2.28E-04	1.05E-07	1.47E-03	5.95E-03	1.24E-03	1.35E-08	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	5.95E-03
95	ALL		670361.9	4341441	NonCancer	1.66E-03	2.61E-03	1.42E-06	3.11E-04	1.43E-07	1.97E-03	8.07E-03	1.66E-03	1.85E-08	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	8.07E-03
96	ALL		670583.2	4341441	NonCancer	1.76E-03	2.98E-03	1.85E-06	3.94E-04	1.78E-07	2.16E-03	9.86E-03	1.76E-03	2.37E-08	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	9.86E-03
97	ALL		670804.5	4341441	NonCancer	2.22E-03	4.46E-03	3.50E-06	7.15E-04	3.16E-07	2.94E-03	1.69E-02	2.22E-03	3.97E-08	0.00E+00	0.00E+00	5.14E-04	0.00E+00	0.00E+00	1.69E-02
98	ALL		671025.8	4341441	NonCancer	2.96E-03	6.47E-03	5.51E-06	1.11E-03	4.87E-07	4.08E-03	2.58E-02	2.96E-03	5.62E-08	0.00E+00	0.00E+00	8.06E-04	0.00E+00	0.00E+00	2.58E-02

99	ALL	671689.8	4341441	NonCancer	6.35E-03	1.45E-02	1.29E-05	2.59E-03	1.13E-06	8.95E-03	5.95E-02	6.35E-03	3.61E-08	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	5.95E-02
100	ALL	671911.1	4341441	NonCancer	2.79E-03	6.36E-03	5.61E-06	1.13E-03	4.92E-07	3.92E-03	2.60E-02	2.79E-03	4.75E-09	0.00E+00	0.00E+00	8.06E-04	0.00E+00	0.00E+00	2.60E-02
101	ALL	672132.4	4341441	NonCancer	1.42E-03	3.21E-03	2.81E-06	5.65E-04	2.47E-07	1.99E-03	1.31E-02	1.42E-03	1.97E-09	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	1.31E-02
102	ALL	672353.7	4341441	NonCancer	1.05E-03	2.35E-03	2.04E-06	4.11E-04	1.80E-07	1.46E-03	9.52E-03	1.05E-03	1.76E-09	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	9.52E-03
103	ALL	672575	4341441	NonCancer	1.06E-03	2.38E-03	2.07E-06	4.16E-04	1.82E-07	1.48E-03	9.60E-03	1.06E-03	4.61E-09	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	9.60E-03
104	ALL	668148.8	4341606	NonCancer	2.10E-04	3.72E-04	2.47E-07	5.20E-05	2.34E-08	2.63E-04	1.28E-03	2.10E-04	2.53E-09	0.00E+00	0.00E+00	3.66E-05	0.00E+00	0.00E+00	1.28E-03
105	ALL	668370.1	4341606	NonCancer	2.40E-04	4.23E-04	2.81E-07	5.92E-05	2.66E-08	3.00E-04	1.46E-03	2.40E-04	2.84E-09	0.00E+00	0.00E+00	4.17E-05	0.00E+00	0.00E+00	1.46E-03
106	ALL	668591.4	4341606	NonCancer	2.76E-04	4.87E-04	3.23E-07	6.80E-05	3.05E-08	3.44E-04	1.68E-03	2.76E-04	3.24E-09	0.00E+00	0.00E+00	4.78E-05	0.00E+00	0.00E+00	1.68E-03
107	ALL	668812.7	4341606	NonCancer	3.22E-04	5.66E-04	3.75E-07	7.90E-05	3.55E-08	4.01E-04	1.95E-03	3.22E-04	3.75E-09	0.00E+00	0.00E+00	5.55E-05	0.00E+00	0.00E+00	1.95E-03
108	ALL	669034	4341606	NonCancer	3.74E-04	6.61E-04	4.41E-07	9.27E-05	4.16E-08	4.67E-04	2.29E-03	3.74E-04	4.39E-09	0.00E+00	0.00E+00	6.52E-05	0.00E+00	0.00E+00	2.29E-03
109	ALL	669255.3	4341606	NonCancer	4.45E-04	7.88E-04	5.27E-07	1.11E-04	4.97E-08	5.56E-04	2.73E-03	4.45E-04	5.22E-09	0.00E+00	0.00E+00	7.79E-05	0.00E+00	0.00E+00	2.73E-03
110	ALL	669476.7	4341606	NonCancer	5.53E-04	9.74E-04	6.45E-07	1.36E-04	6.10E-08	6.90E-04	3.36E-03	5.53E-04	6.37E-09	0.00E+00	0.00E+00	9.55E-05	0.00E+00	0.00E+00	3.36E-03
111	ALL	669698	4341606	NonCancer	6.73E-04	1.16E-03	7.46E-07	1.58E-04	7.12E-08	8.32E-04	3.94E-03	6.73E-04	7.95E-09	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	3.94E-03
112	ALL	669919.3	4341606	NonCancer	7.60E-04	1.24E-03	7.22E-07	1.56E-04	7.12E-08	9.17E-04	3.98E-03	7.60E-04	9.41E-09	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	3.98E-03
113	ALL	670140.6	4341606	NonCancer	1.05E-03	1.61E-03	8.49E-07	1.87E-04	8.68E-08	1.23E-03	4.92E-03	1.05E-03	1.08E-08	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	4.92E-03
114	ALL	670361.9	4341606	NonCancer	1.46E-03	2.14E-03	9.97E-07	2.26E-04	1.07E-07	1.69E-03	6.16E-03	1.46E-03	1.27E-08	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	6.16E-03
115	ALL	670583.2	4341606	NonCancer	2.05E-03	3.01E-03	1.42E-06	3.21E-04	1.51E-07	2.37E-03	8.69E-03	2.05E-03	2.37E-08	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	8.69E-03
116	ALL	670804.5	4341606	NonCancer	2.66E-03	4.65E-03	3.05E-06	6.44E-04	2.89E-07	3.30E-03	1.58E-02	2.66E-03	9.36E-08	0.00E+00	0.00E+00	4.65E-04	0.00E+00	0.00E+00	1.58E-02
117	ALL	671025.8	4341606	NonCancer	3.34E-03	7.02E-03	5.76E-06	1.17E-03	5.14E-07	4.52E-03	2.73E-02	3.34E-03	1.47E-07	0.00E+00	0.00E+00	8.64E-04	0.00E+00	0.00E+00	2.73E-02
118	ALL	671689.8	4341606	NonCancer	1.58E-02	3.66E-02	3.26E-05	6.54E-03	2.85E-06	2.24E-02	1.50E-01	1.58E-02	4.58E-08	0.00E+00	0.00E+00	4.69E-03	0.00E+00	0.00E+00	1.50E-01
119	ALL	671911.1	4341606	NonCancer	4.84E-03	1.11E-02	9.83E-06	1.97E-03	8.62E-07	6.83E-03	4.55E-02	4.84E-03	8.51E-09	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	4.55E-02
120	ALL	672132.4	4341606	NonCancer	2.26E-03	5.12E-03	4.49E-06	9.03E-04	3.94E-07	3.16E-03	2.09E-02	2.26E-03	3.50E-09	0.00E+00	0.00E+00	6.46E-04	0.00E+00	0.00E+00	2.09E-02
121	ALL	672353.7	4341606	NonCancer	1.40E-03	3.14E-03	2.74E-06	5.52E-04	2.41E-07	1.95E-03	1.28E-02	1.40E-03	2.33E-09	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	1.28E-02
122	ALL	672575	4341606	NonCancer	1.20E-03	2.69E-03	2.33E-06	4.69E-04	2.05E-07	1.67E-03	1.08E-02	1.20E-03	7.99E-09	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	1.08E-02
123	ALL	668148.8	4341771	NonCancer	1.99E-04	3.56E-04	2.41E-07	5.05E-05	2.26E-08	2.50E-04	1.24E-03	1.99E-04	2.58E-09	0.00E+00	0.00E+00	3.57E-05	0.00E+00	0.00E+00	1.24E-03
124	ALL	668370.1	4341771	NonCancer	2.32E-04	4.13E-04	2.79E-07	5.85E-05	2.62E-08	2.90E-04	1.44E-03	2.32E-04	2.88E-09	0.00E+00	0.00E+00	4.12E-05	0.00E+00	0.00E+00	1.44E-03
125	ALL	668591.4	4341771	NonCancer	2.56E-04	4.60E-04	3.14E-07	6.57E-05	2.94E-08	3.22E-04	1.61E-03	2.56E-04	3.25E-09	0.00E+00	0.00E+00	4.64E-05	0.00E+00	0.00E+00	1.61E-03
126	ALL	668812.7	4341771	NonCancer	2.96E-04	5.33E-04	3.64E-07	7.62E-05	3.41E-08	3.73E-04	1.87E-03	2.96E-04	3.76E-09	0.00E+00	0.00E+00	5.37E-05	0.00E+00	0.00E+00	1.87E-03
127	ALL	669034	4341771	NonCancer	3.49E-04	6.27E-04	4.28E-07	8.96E-05	4.01E-08	4.39E-04	2.20E-03	3.49E-04	4.43E-09	0.00E+00	0.00E+00	6.31E-05	0.00E+00	0.00E+00	2.20E-03
128	ALL	669255.3	4341771	NonCancer	4.25E-04	7.57E-04	5.10E-07	1.07E-04	4.80E-08	5.33E-04	2.64E-03	4.25E-04	5.31E-09	0.00E+00	0.00E+00	7.54E-05	0.00E+00	0.00E+00	2.64E-03
129	ALL	669476.7	4341771	NonCancer	4.84E-04	8.74E-04	6.00E-07	1.26E-04	5.61E-08	6.10E-04	3.08E-03	4.84E-04	7.43E-09	0.00E+00	0.00E+00	8.89E-05	0.00E+00	0.00E+00	3.08E-03
130	ALL	669698	4341771	NonCancer	5.41E-04	9.71E-04	6.62E-07	1.39E-04	6.21E-08	6.80E-04	3.40E-03	5.41E-04	8.23E-09	0.00E+00	0.00E+00	9.83E-05	0.00E+00	0.00E+00	3.40E-03
131	ALL	669919.3	4341771	NonCancer	6.10E-04	1.03E-03	6.47E-07	1.38E-04	6.24E-08	7.48E-04	3.45E-03	6.10E-04	7.58E-09	0.00E+00	0.00E+00	9.68E-05	0.00E+00	0.00E+00	3.45E-03
132	ALL	670140.6	4341771	NonCancer	7.79E-04	1.26E-03	7.20E-07	1.56E-04	7.15E-08	9.36E-04	4.00E-03	7.79E-04	7.75E-09	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	4.00E-03
133	ALL	670361.9	4341771	NonCancer	1.06E-03	1.59E-03	7.97E-07	1.78E-04	8.29E-08	1.23E-03	4.74E-03	1.06E-03	8.07E-09	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	4.74E-03
134	ALL	670583.2	4341771	NonCancer	2.13E-03	3.12E-03	1.45E-06	3.30E-04	1.56E-07	2.46E-03	9.00E-03	2.13E-03	1.90E-08	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	9.00E-03
135	ALL	670804.5	4341771	NonCancer	3.84E-03	6.26E-03	3.67E-06	7.92E-04	3.61E-07	4.63E-03	2.03E-02	3.84E-03	9.83E-08	0.00E+00	0.00E+00	5.64E-04	0.00E+00	0.00E+00	2.03E-02
136	ALL	671025.8	4341771	NonCancer	5.47E-03	1.09E-02	8.51E-06	1.74E-03	7.67E-07	7.22E-03	4.11E-02	5.47E-03	5.80E-07	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	4.11E-02
137	ALL	671689.8	4341771	NonCancer	1.31E-02	3.02E-02	2.68E-05	5.38E-03	2.35E-06	1.85E-02	1.24E-01	1.31E-02	3.31E-08	0.00E+00	0.00E+00	3.86E-03	0.00E+00	0.00E+00	1.24E-01
138	ALL	671911.1	4341771	NonCancer	5.05E-03	1.15E-02	1.01E-05	2.03E-03	8.89E-07	7.09E-03	4.69E-02	5.05E-03	1.14E-08	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	4.69E-02
139	ALL	672132.4	4341771	NonCancer	2.14E-03	4.82E-03	4.21E-06	8.47E-04	3.70E-07	2.99E-03	1.96E-02	2.14E-03	3.66E-09	0.00E+00	0.00E+00	6.05E-04	0.00E+00	0.00E+00	1.96E-02
140	ALL	672353.7	4341771	NonCancer	1.25E-03	2.80E-03	2.43E-06	4.90E-04	2.14E-07	1.75E-03	1.14E-02	1.25E-03	2.21E-09	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	1.14E-02
141	ALL	672575	4341771	NonCancer	1.20E-03	2.66E-03	2.29E-06	4.62E-04	2.02E-07	1.66E-03	1.07E-02	1.20E-03	8.45E-09	0.00E+00	0.00E+00	3.31E-04	0.00E+00	0.00E+00	1.07E-02
142	ALL	668148.8	4341936	NonCancer	1.88E-04	3.39E-04	2.32E-07	4.85E-05	2.17E-08	2.37E-04	1.19E-03	1.88E-04	2.55E-09	0.00E+00	0.00E+00	3.43E-05	0.00E+00	0.00E+00	1.19E-03
143	ALL	668370.1	4341936	NonCancer	2.13E-04	3.86E-04	2.66E-07	5.56E-05	2.48E-08	2.69E-04	1.36E-03	2.13E-04	2.93E-09	0.00E+00	0.00E+00	3.93E-05	0.00E+00	0.00E+00	1.36E-03
144	ALL	668591.4	4341936	NonCancer	2.46E-04	4.45E-04	3.07E-07	6.43E-05	2.87E-08	3.10E-04	1.57E-03	2.46E-04	3.31E-09	0.00E+00	0.00E+00	4.54E-05	0.00E+00	0.00E+00	1.57E-03
145	ALL	668812.7	4341936	NonCancer	2.86E-04	5.18E-04	3.57E-07	7.46E-05	3.33E-08	3.61E-04	1.82E-03	2.86E-04	3.85E-09	0.00E+00	0.00E+00	5.27E-05	0.00E+00	0.00E+00	1.82E-03
146	ALL	669034	4341936	NonCancer	3.38E-04	6.09E-04	4.18E-07	8.74E-05	3.91E-08	4.26E-04	2.14E-03	3.38E-04	4.53E-09	0.00E+00	0.00E+00	6.16E-05	0.00E+00	0.00E+00	2.14E-03
147	ALL	669255.3	4341936	NonCancer	3.78E-04	6.89E-04	4.80E-07	1.00E-04	4.47E-08	4.78E-04	2.44E-03	3.78E-04	6.22E-09	0.00E+00	0.00E+00	7.10E-05	0.00E+00	0.00E+00	2.44E-03
148	ALL	669476.7	4341936	NonCancer	4.04E-04	7.37E-04	5.13E-07	1.07E-04	4.78E-08	5.11E-04	2.61E-03	4.04E-04	6.55E-09	0.00E+00	0.00E+00	7.60E-05	0.00E+00	0.00E+00	2.61E-03
149	ALL	669698	4341936	NonCancer	4.07E-04	7.00E-04	4.46E-07	9.47E-05	4.28E-08	5.03E-04	2.35E-03	4.07E-04	5.16E-09	0.00E+00	0.00E+00	6.66E-05	0.00E+00	0.00E+00	2.35E-03
150	ALL	669919.3	4341936	NonCancer	4.40E-04	7.25E-04	4.32E-07	9.28E-05	4.23E-08	5.33E-04	2.35E-03	4.40E-04	4.44E-09	0.00E+00	0.00E+00	6.47E-05	0.00E+00	0.00E+00	2.35E-03
151	ALL	670140.6	4341936	NonCancer	5.58E-04	9.09E-04	5.32E-07	1.15E-04	5.24E-08	6.73E-04	2.92E-03	5.57E-04	5.39E-09	0.00E+00	0.00E+00	7.98E-05	0.00E+00	0.00E+00	2.92E-03
152	ALL	670361.9	4341936	NonCancer	7.91E-04	1.30E-03	7.68E-07	1.65E-04	7.54E-08	9.57E-04	4.20E-03	7.91E-04	7.68E-09	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	4.20E-03
153	ALL	670583.2	4341936	NonCancer	1.61E-03	2.78E-03	1.80E-06	3.81E-04	1.72E-07	1.99E-03	9.48E-03	1.61E-03	2.51E-08	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	9.48E-03
154	ALL	670804.5	4341936	NonCancer	4.41E-03	8.01E-03	5.54E-06	1.16E-03	5.18E-07	5.57E-03	2.87E-02	4.41E-03	1.04E-07	0.00E+00	0.00E+00	8.32E-04	0.00E+00	0.00E+00	2.87E-02
155	ALL	671468.4	4341936	NonCancer	2.81E-02	6.43E-02	5.69E-05	1.14E-02	4.99E-06	3.96E-02	2.62E-01	2.81E-02	2.56E-07	0.00E+00	0.00E+00	8.23E-03	0.00E+00	0.00E+00	2.62E-01
156	ALL	671689.8	4341936	NonCancer	8.16E-03	1.84E-02	1.61E-05	3.25E-03	1.42E-06	1.14E-02	7.48E-02	8.16E-03	4.68E-08	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	7.48E-02
157	ALL	671911.1	4341936	NonCancer	3.84E-03	8.60E-03	7.47E-06	1.50E-03	6.58E-07	5.35E-03	3.48E-02	3.84E-03	1.25E-08	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	3.48E-02
158	ALL	672132.4	4341936	NonCancer	1.85E-03	4.10E-03	3.53E-06	7.12E-04	3.12E-07	2.56E-03	1.65E-02	1.85E-03	4.10E-09	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	1.65E-02
159	ALL	672353.7	4341936	NonCancer	1.10E-03	2.43E-03	2.09E-06	4.21E-04	1.84E-07	1.53E-03	9.77E-03	1.10E-03	2.28E-09	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	9.77E-03
160	ALL	672575	4341936	NonCancer	1.06E-03	2.35E-03	2.02E-06	4.08E-04	1.79E-07	1.47E-03	9.47E-03	1.06E-03	3.20E-09	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	9.47E-03
161	ALL	668148.8	4342101	NonCancer	1.85E-04	3.34E-04	2.28E-07	4.78E-05	2.14E-08	2.33E-04	1.17E-03	1.85E-04	2.76E-09	0.00E+00	0.00E+00	3.38E-05	0.00E+00	0.00E+00	1.17E-03
162	ALL	668370.1	4342101	NonCancer	2.12E-04	3.83E-04	2.63E-07	5.51E-05	2.46E-08	2.67E-04	1.35E-03	2.12E-04	3.02E-09	0.00E+00	0.00E+00	3.89E-05	0.00E+00	0.00E+00	1.35E-03
163	ALL	668591.4	4342101	NonCancer	2.45E-04	4.42E-04	3.03E-07	6.34E-05	2.83E-08	3.09E-04	1.55E-03	2.45E-04	3.42E-09	0.00E+00	0.00E+00	4.47E-05	0.00E+00	0.00E+00	1.55E-03
164	ALL	668812.7	4342101	NonCancer	2.78E-04	5.04E-04	3.47E-07	7.26E-05	3.24E-08	3.51E-04	1.77E-03	2.78E-04	3.95E-09	0.00E+00	0.00E+00	5.13E-05	0.00E+00	0.00E+00	1.77E-03
165	ALL	669034	4342101	NonCancer	3.27E-04	5.91E-04	4.07E-07	8.51E-05	3.80E-08	4.12E-04	2.08E-03	3.27E-04	4.65E-09	0.00E+00	0.00E+00	6.00E-05	0.00E+00	0.00E+00	2.08E-03
166	ALL	669255.3	4342101	NonCancer	3.64E-04	6.58E-04	4.53E-07	9.48E-05	4.23E-08	4.59E-04	2.32E-03	3.64E-04	5.56E-09	0.00E+00	0.00E+00	6.69E-05	0.00E+00	0.00E+00	2.32E-03
167	ALL	669476.7	4342101	NonCancer	3.71E-04	6.77E-04	4.73E-07	9.86E-05	4.40E-08	4.70E-04	2.40E-03	3.71E-04	7.77E-09	0.00E+00	0.00E+00	7.04E-05	0.00E+00	0.00E+00	2.40E-03
168	ALL	669698	4342101	NonCancer	4.15E-04	7.45E-04	5.08E-07	1.07E-04	4.77E-08	5.22E-04	2.60E-03	4.15E-04	8.22E-09	0.00E+00	0.00E+00	7.59E-05	0.00E+00	0.00E+00	2.60E-03
169	ALL	669919.3	4342101	NonCancer	5.06E-04	9.08E-04	6.18E-07	1.29E-04	5.80E-08	6.36E-04	3.16E-03	5.06E-04	9.17E-09	0.00E+00	0.00E+00	9.21E-05	0.00E+00	0.00E+00	3.16E-03
170	ALL	670140.6	4342101	NonCancer	6.00E-04	1.05E-03	6.95E-07	1.47E-04	6.59E-08	7.47E-04	3.61E-03	6.00E-04	8.53E-09	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	3.61E-03
171	ALL	670361.9	4342101	NonCancer	1.17E-03	2.27E-03	1.71E-06	3.53E-04	1.56E-07	1.53E-03	8.45E-03	1.17E-03	2.71E-08	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	8.45E-03
172	ALL	670583.2	4342101	NonCancer	1.96E-03	3.88E-03	2.99E-06	6.14E-04	2.71E-07	2.58E-03	1.47E-02	1.96E-03	4.04E-08	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	1.47E-02
173	ALL	671468.4	4342101	NonCancer	1.24E-02	2.75E-02	2.35E-05	4.75E-03	2.08E-06	1.72E-02	1.10E-01	1.24E-02	1.17E-07	0.00E+00	0.00E+00	3.41E-03	0.00E+00	0.00E+00	1.10E-01
174	ALL	671689.8	4342101	NonCancer	5.49E-03	1.21E-02	1.04E-05	2.09E-03	9.16E-07	7.59E-03	4.85E-02	5.49E-03	2.99E-08	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	4.85E-02
175	ALL	671911.1	4342101	NonCancer	2.94E-03	6.46E-03	5.52E-06	1.11E-03	4.88E-07	4.06E-03	2.58E-02	2.94E-03	1.10E-08	0.00E+00	0.00E+00	7.96E-04	0.00E+00	0.00E+00	2.58E-02
176	ALL	672132.4	4342101	NonCancer	1.67E-03	3.66E-03	3.11E-06	6.28E-04	2.75E-07	2.30E-03	1.46E-02	1.67E-03	4.43E-09	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	1.46E-02
177	ALL	672353.7	4342101	NonCancer	1.04E-03	2.27E-03	1.93E-06	3.89E-04	1.71E-07	1.43E-03	9.05E-03	1.04E-03	2.40E-09	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	9.05E-03
178	ALL	672575	4342101	NonCancer	9.71E-04	2.14E-03	1.83E-06	3.68E-04	1.61E-07	1.34E-03	8.56E-03	9.71E-04	2.98E-09	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	8.56E-03
179	ALL	668148.8	4342266	NonCancer	1.86E-04	3.32E-04	2.25E-07	4.72E-05	2.11E-08	2.34E-04	1.16E-03	1.86E-04	2.94E-09	0.00E+00	0.00E+00	3.34E-05	0.00E+00	0.00E+00	1.16E-03
180	ALL	668370.1	4342266	NonCancer	2.13E-04	3.82E-04	2.59E-07	5.43E-05	2.43E-08	2.68E-04	1.34E-03	2.13E-04	3.13E-09	0.00E+00	0.00E+00	3.83E-05	0.00E+00	0.00E+00	1.34E-03
181	ALL	668591.4	4342266	NonCancer	2.35E-04	4.23E-04	2.90E-07	6.06E-05	2.71E-08	2.95E-04	1.49E-03	2.35E-04	3.51E-09	0.00E+00	0.00E+00	4.28E-05	0.00E+00	0.00E+00	1.49E-03
182	ALL	668812.7	4342266	NonCancer	2.69E-04	4.87E-04	3.37E-07	7.04E-05	3.14E-08	3.40E-04	1.72E-03	2.69E-04	4.00E-09	0.00E+00	0.00E+00	4.97E-05	0.00E+00	0.00E+00	1.72E-03
183	ALL	669034	4342266	NonCancer	3.10E-04	5.68E-04	3.98E-07	8.29E-05	3.70E-08	3.93E-04	2.02E-03	3.10E-04	4.67E-09	0.00E+00	0.00E+00	5.86E-05	0.00E+00	0.00E+00	2.02E-03
184	ALL	669255.3	4342266	NonCancer	3.75E-04	6.90E-04	4.86E-07	1.01E-04	4.51E-08	4.76E-04	2.47E-03	3.75E-04	5.64E-09	0.00E+00	0.00E+00	7.16E-05	0.00E+00	0.00E+00	2.47E-03
185	ALL	669476.7	4342266	NonCancer	4.57E-04	8.48E-04	6.04E-07	1.26E-04	5.58E-08	5.83E-04	3.05E-03	4.57E-04	6.91E-09	0.00E+00	0.00E+00	8.88E-05	0.00E+00	0.00E+00	3.05E-03
186	ALL	669698	4342266	NonCancer	5.73E-04	1.06E-03	7.52E-07	1.56E-04	6.96E-08	7.30E-04	3.80E-03	5.73E-04	8.71E-09	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	3.80E-03
187	ALL	669919.3	4342266	NonCancer	7.34E-04	1.38E-03	9.95E-07	2.06E-04	9.16E-08	9.41E-04	5.00E-03	7.34E-04	1.12E-08	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	5.00E-03
188	ALL	670140.6	4342266	NonCancer	9.20E-04	1.77E-03	1.32E-06	2.72E-04	1.20E-07	1.19E-03	6.54E-03	9.20E-04	2.16E-08	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	6.54E-03
189	ALL	670361.9	4342266	NonCancer	1.33E-03	2.59E-03	1.95E-06	4.02E-04	1.78E-07	1.74E-03	9.69E-03	1.33E-03	2.14E-08	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	9.69E-03
190	ALL	670583.2	4342266	NonCancer	2.04E-03	3.97E-03	2.99E-06	6.16E-04	2.72E-07	2.66E-03	1.49E-02	2.04E-03	3.57E-08	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	1.49E-02
191	ALL	670804.5	4342266	NonCancer	3.59E-03	6.95E-03	5.22E-06	1.08E-03	4.76E-07	4.67E-03	2.62E-02	3.59E-03	7.73E-08	0.00E+00	0.00E+00	7.71E-04	0.00E+00	0.00E+00	2.62E-02
192	ALL	671025.8	4342266	NonCancer	7.05E-03	1.27E-02	8.77E-06	1.83E-03	8.20E-07	8.89E-03	4.54E-02	7.05E-03	1.91E-07	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	4.54E-02
193	ALL	671247.1	4342266	NonCancer	1.11E-02	2.19E-02	1.69E-05	3.47E-03	1.53E-06	1.46E-02	8.20E-02	1.11E-02	2.79E-07	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	8.20E-02
194	ALL	671468.4	4342266	NonCancer	7.90E-03	1.72E-02	1.45E-05	2.94E-03	1.29E-06	1.09E-02	6.83E-02	7.90E-03	5.58E-08	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	6.83E-02
195	ALL	671689.8	4342266	NonCancer	4.25E-03	9.29E-03	7.89E-06	1.59E-03	6.98E-07	5.86E-03	3.70E-02	4.25E-03	1.91E-08	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	3.70E-02
196	ALL	671911.1	4342266	NonCancer	2.30E-03	4.98E-03	4.20E-06	8.50E-04	3.73E-07	3.15E-03	1.98E-02	2.30E-03	7.25E-09	0.00E+00	0.00E+00	6.06E-04	0.00E+00	0.00E+00	1.98E-02
197	ALL	672132.4	4342266	NonCancer	1.51E-03	3.28E-03	2.77E-06	5.60E-04	2.45E-07	2.07E-03	1.30E-02	1.51E-03	4.50E-09	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	1.30E-02

198	ALL	672353.7	4342266	NonCancer	1.03E-03	2.24E-03	1.89E-06	3.83E-04	1.68E-07	1.42E-03	8.91E-03	1.03E-03	3.10E-09	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	8.91E-03
199	ALL	672575	4342266	NonCancer	9.35E-04	2.03E-03	1.71E-06	3.47E-04	1.52E-07	1.28E-03	8.03E-03	9.35E-04	8.10E-09	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	8.03E-03
200	ALL	668148.8	4342431	NonCancer	1.85E-04	3.26E-04	2.16E-07	4.54E-05	2.04E-08	2.31E-04	1.13E-03	1.85E-04	2.74E-09	0.00E+00	0.00E+00	3.20E-05	0.00E+00	0.00E+00	1.13E-03
201	ALL	668370.1	4342431	NonCancer	2.13E-04	3.78E-04	2.54E-07	5.33E-05	2.39E-08	2.67E-04	1.32E-03	2.13E-04	3.43E-09	0.00E+00	0.00E+00	3.77E-05	0.00E+00	0.00E+00	1.32E-03
202	ALL	668591.4	4342431	NonCancer	2.36E-04	4.21E-04	2.84E-07	5.96E-05	2.67E-08	2.96E-04	1.47E-03	2.36E-04	3.59E-09	0.00E+00	0.00E+00	4.20E-05	0.00E+00	0.00E+00	1.47E-03
203	ALL	668812.7	4342431	NonCancer	2.69E-04	4.84E-04	3.30E-07	6.92E-05	3.09E-08	3.39E-04	1.70E-03	2.69E-04	4.10E-09	0.00E+00	0.00E+00	4.88E-05	0.00E+00	0.00E+00	1.70E-03
204	ALL	669034	4342431	NonCancer	3.11E-04	5.66E-04	3.93E-07	8.20E-05	3.66E-08	3.93E-04	2.01E-03	3.11E-04	4.75E-09	0.00E+00	0.00E+00	5.80E-05	0.00E+00	0.00E+00	2.01E-03
205	ALL	669255.3	4342431	NonCancer	3.67E-04	6.79E-04	4.81E-07	1.00E-04	4.46E-08	4.68E-04	2.44E-03	3.67E-04	5.45E-09	0.00E+00	0.00E+00	7.08E-05	0.00E+00	0.00E+00	2.44E-03
206	ALL	669476.7	4342431	NonCancer	4.53E-04	8.53E-04	6.19E-07	1.28E-04	5.70E-08	5.82E-04	3.11E-03	4.53E-04	6.71E-09	0.00E+00	0.00E+00	9.09E-05	0.00E+00	0.00E+00	3.11E-03
207	ALL	669698	4342431	NonCancer	5.58E-04	1.06E-03	7.81E-07	1.62E-04	7.16E-08	7.21E-04	3.90E-03	5.58E-04	8.28E-09	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	3.90E-03
208	ALL	669919.3	4342431	NonCancer	7.33E-04	1.39E-03	1.02E-06	2.11E-04	9.36E-08	9.45E-04	5.11E-03	7.32E-04	1.06E-08	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	5.11E-03
209	ALL	670140.6	4342431	NonCancer	9.67E-04	1.84E-03	1.35E-06	2.79E-04	1.24E-07	1.25E-03	6.76E-03	9.67E-04	1.35E-08	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	6.76E-03
210	ALL	670361.9	4342431	NonCancer	1.34E-03	2.57E-03	1.90E-06	3.93E-04	1.74E-07	1.74E-03	9.51E-03	1.34E-03	1.81E-08	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	9.51E-03
211	ALL	670583.2	4342431	NonCancer	2.07E-03	3.93E-03	2.87E-06	5.94E-04	2.64E-07	2.67E-03	1.44E-02	2.07E-03	3.92E-08	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	1.44E-02
212	ALL	670804.5	4342431	NonCancer	3.75E-03	6.81E-03	4.72E-06	9.86E-04	4.41E-07	4.74E-03	2.43E-02	3.75E-03	7.00E-08	0.00E+00	0.00E+00	7.03E-04	0.00E+00	0.00E+00	2.43E-02
213	ALL	671025.8	4342431	NonCancer	5.61E-03	1.02E-02	7.14E-06	1.49E-03	6.66E-07	7.10E-03	3.64E-02	5.61E-03	1.28E-07	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	3.64E-02
214	ALL	671247.1	4342431	NonCancer	6.21E-03	1.22E-02	9.35E-06	1.92E-03	8.50E-07	8.14E-03	4.57E-02	6.21E-03	1.22E-07	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	4.57E-02
215	ALL	671468.4	4342431	NonCancer	5.12E-03	1.10E-02	9.20E-06	1.86E-03	8.18E-07	6.99E-03	4.34E-02	5.12E-03	3.34E-08	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	4.34E-02
216	ALL	671689.8	4342431	NonCancer	3.14E-03	6.84E-03	5.78E-06	1.17E-03	5.12E-07	4.32E-03	2.72E-02	3.14E-03	1.46E-08	0.00E+00	0.00E+00	8.35E-04	0.00E+00	0.00E+00	2.72E-02
217	ALL	671911.1	4342431	NonCancer	1.84E-03	3.97E-03	3.34E-06	6.76E-04	2.97E-07	2.52E-03	1.57E-02	1.84E-03	5.27E-09	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	1.57E-02
218	ALL	672132.4	4342431	NonCancer	1.27E-03	2.74E-03	2.30E-06	4.66E-04	2.04E-07	1.74E-03	1.09E-02	1.27E-03	3.84E-09	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	1.09E-02
219	ALL	672353.7	4342431	NonCancer	1.08E-03	2.34E-03	1.98E-06	4.00E-04	1.75E-07	1.48E-03	9.27E-03	1.08E-03	4.86E-09	0.00E+00	0.00E+00	2.86E-04	0.00E+00	0.00E+00	9.27E-03
220	ALL	672575	4342431	NonCancer	8.57E-04	1.85E-03	1.55E-06	3.14E-04	1.38E-07	1.17E-03	7.29E-03	8.57E-04	7.53E-09	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	7.29E-03
221	ALL	668148.8	4342596	NonCancer	1.95E-04	3.41E-04	2.24E-07	4.73E-05	2.12E-08	2.42E-04	1.18E-03	1.95E-04	2.88E-09	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	1.18E-03
222	ALL	668370.1	4342596	NonCancer	2.18E-04	3.85E-04	2.55E-07	5.37E-05	2.41E-08	2.72E-04	1.33E-03	2.18E-04	3.26E-09	0.00E+00	0.00E+00	3.78E-05	0.00E+00	0.00E+00	1.33E-03
223	ALL	668591.4	4342596	NonCancer	2.49E-04	4.42E-04	2.96E-07	6.22E-05	2.79E-08	3.12E-04	1.54E-03	2.49E-04	3.73E-09	0.00E+00	0.00E+00	4.38E-05	0.00E+00	0.00E+00	1.54E-03
224	ALL	668812.7	4342596	NonCancer	2.88E-04	5.15E-04	3.49E-07	7.32E-05	3.27E-08	3.61E-04	1.81E-03	2.88E-04	4.30E-09	0.00E+00	0.00E+00	5.16E-05	0.00E+00	0.00E+00	1.81E-03
225	ALL	669034	4342596	NonCancer	3.33E-04	6.03E-04	4.16E-07	8.70E-05	3.88E-08	4.21E-04	2.14E-03	3.33E-04	4.95E-09	0.00E+00	0.00E+00	6.14E-05	0.00E+00	0.00E+00	2.14E-03
226	ALL	669255.3	4342596	NonCancer	3.93E-04	7.21E-04	5.07E-07	1.06E-04	4.70E-08	4.99E-04	2.59E-03	3.93E-04	5.51E-09	0.00E+00	0.00E+00	7.46E-05	0.00E+00	0.00E+00	2.59E-03
227	ALL	669476.7	4342596	NonCancer	4.65E-04	8.61E-04	6.12E-07	1.27E-04	5.66E-08	5.93E-04	3.11E-03	4.65E-04	6.37E-09	0.00E+00	0.00E+00	8.99E-05	0.00E+00	0.00E+00	3.11E-03
228	ALL	669698	4342596	NonCancer	5.88E-04	1.10E-03	7.91E-07	1.64E-04	7.29E-08	7.53E-04	3.99E-03	5.88E-04	7.94E-09	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	3.99E-03
229	ALL	669919.3	4342596	NonCancer	7.18E-04	1.36E-03	9.89E-07	2.05E-04	9.09E-08	9.24E-04	4.97E-03	7.18E-04	9.49E-09	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	4.97E-03
230	ALL	670140.6	4342596	NonCancer	9.85E-04	1.86E-03	1.35E-06	2.79E-04	1.24E-07	1.27E-03	6.78E-03	9.85E-04	1.23E-08	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	6.78E-03
231	ALL	670361.9	4342596	NonCancer	1.47E-03	2.70E-03	1.89E-06	3.94E-04	1.76E-07	1.87E-03	9.66E-03	1.47E-03	1.57E-08	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	9.66E-03
232	ALL	670583.2	4342596	NonCancer	1.88E-03	3.33E-03	2.23E-06	4.68E-04	2.10E-07	2.35E-03	1.16E-02	1.88E-03	2.08E-08	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	1.16E-02
233	ALL	670804.5	4342596	NonCancer	2.82E-03	5.07E-03	3.46E-06	7.25E-04	3.25E-07	3.55E-03	1.78E-02	2.82E-03	4.21E-08	0.00E+00	0.00E+00	5.14E-04	0.00E+00	0.00E+00	1.78E-02
234	ALL	671025.8	4342596	NonCancer	4.07E-03	7.54E-03	5.35E-06	1.11E-03	4.97E-07	5.19E-03	2.70E-02	4.07E-03	7.51E-08	0.00E+00	0.00E+00	7.95E-04	0.00E+00	0.00E+00	2.70E-02
235	ALL	671247.1	4342596	NonCancer	4.52E-03	8.96E-03	6.89E-06	1.41E-03	6.25E-07	5.95E-03	3.36E-02	4.52E-03	7.86E-08	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	3.36E-02
236	ALL	671468.4	4342596	NonCancer	3.51E-03	7.46E-03	6.17E-06	1.25E-03	5.50E-07	4.77E-03	2.93E-02	3.51E-03	1.79E-08	0.00E+00	0.00E+00	8.92E-04	0.00E+00	0.00E+00	2.93E-02
237	ALL	671689.8	4342596	NonCancer	2.28E-03	4.94E-03	4.16E-06	8.42E-04	3.69E-07	3.13E-03	1.96E-02	2.28E-03	1.39E-08	0.00E+00	0.00E+00	6.02E-04	0.00E+00	0.00E+00	1.96E-02
238	ALL	671911.1	4342596	NonCancer	1.42E-03	3.06E-03	2.57E-06	5.20E-04	2.28E-07	1.94E-03	1.21E-02	1.42E-03	4.20E-09	0.00E+00	0.00E+00	3.71E-04	0.00E+00	0.00E+00	1.21E-02
239	ALL	672132.4	4342596	NonCancer	1.03E-03	2.20E-03	1.84E-06	3.73E-04	1.64E-07	1.40E-03	8.70E-03	1.03E-03	2.88E-09	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	8.70E-03
240	ALL	672353.7	4342596	NonCancer	9.01E-04	1.95E-03	1.64E-06	3.31E-04	1.45E-07	1.23E-03	7.71E-03	9.01E-04	3.49E-09	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	7.71E-03
241	ALL	672575	4342596	NonCancer	7.63E-04	1.64E-03	1.37E-06	2.78E-04	1.22E-07	1.04E-03	6.46E-03	7.63E-04	6.95E-09	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	6.46E-03
242	ALL	668148.8	4342761	NonCancer	2.09E-04	3.66E-04	2.40E-07	5.07E-05	2.28E-08	2.60E-04	1.26E-03	2.09E-04	3.33E-09	0.00E+00	0.00E+00	3.57E-05	0.00E+00	0.00E+00	1.26E-03
243	ALL	668370.1	4342761	NonCancer	2.38E-04	4.19E-04	2.78E-07	5.85E-05	2.62E-08	2.97E-04	1.46E-03	2.38E-04	4.10E-09	0.00E+00	0.00E+00	4.13E-05	0.00E+00	0.00E+00	1.46E-03
244	ALL	668591.4	4342761	NonCancer	2.67E-04	4.73E-04	3.15E-07	6.64E-05	2.97E-08	3.34E-04	1.66E-03	2.67E-04	4.00E-09	0.00E+00	0.00E+00	4.68E-05	0.00E+00	0.00E+00	1.66E-03
245	ALL	668812.7	4342761	NonCancer	3.08E-04	5.49E-04	3.71E-07	7.79E-05	3.49E-08	3.86E-04	1.94E-03	3.08E-04	4.68E-09	0.00E+00	0.00E+00	5.50E-05	0.00E+00	0.00E+00	1.94E-03
246	ALL	669034	4342761	NonCancer	3.59E-04	6.48E-04	4.45E-07	9.31E-05	4.16E-08	4.53E-04	2.31E-03	3.59E-04	4.88E-09	0.00E+00	0.00E+00	6.56E-05	0.00E+00	0.00E+00	2.31E-03
247	ALL	669255.3	4342761	NonCancer	4.16E-04	7.60E-04	5.31E-07	1.11E-04	4.93E-08	5.27E-04	2.72E-03	4.16E-04	5.47E-09	0.00E+00	0.00E+00	7.80E-05	0.00E+00	0.00E+00	2.72E-03
248	ALL	669476.7	4342761	NonCancer	4.76E-04	8.81E-04	6.25E-07	1.30E-04	5.79E-08	6.07E-04	3.18E-03	4.76E-04	6.20E-09	0.00E+00	0.00E+00	9.17E-05	0.00E+00	0.00E+00	3.18E-03
249	ALL	669698	4342761	NonCancer	6.23E-04	1.15E-03	8.07E-07	1.68E-04	7.48E-08	7.92E-04	4.11E-03	6.23E-04	7.66E-09	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	4.11E-03
250	ALL	669919.3	4342761	NonCancer	7.77E-04	1.44E-03	1.02E-06	2.12E-04	9.43E-08	9.90E-04	5.18E-03	7.77E-04	9.04E-09	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	5.18E-03
251	ALL	670140.6	4342761	NonCancer	9.96E-04	1.84E-03	1.29E-06	2.70E-04	1.20E-07	1.27E-03	6.58E-03	9.96E-04	1.65E-08	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	6.58E-03
252	ALL	670361.9	4342761	NonCancer	1.44E-03	2.62E-03	1.82E-06	3.81E-04	1.70E-07	1.82E-03	9.30E-03	1.44E-03	1.98E-08	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	9.30E-03
253	ALL	670583.2	4342761	NonCancer	1.72E-03	3.02E-03	1.99E-06	4.19E-04	1.89E-07	2.14E-03	1.04E-02	1.72E-03	1.73E-08	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	1.04E-02
254	ALL	670804.5	4342761	NonCancer	2.24E-03	4.04E-03	2.76E-06	5.79E-04	2.59E-07	2.82E-03	1.42E-02	2.24E-03	2.66E-08	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	1.42E-02
255	ALL	671025.8	4342761	NonCancer	2.87E-03	5.38E-03	3.88E-06	8.05E-04	3.59E-07	3.68E-03	1.95E-02	2.87E-03	4.08E-08	0.00E+00	0.00E+00	5.74E-04	0.00E+00	0.00E+00	1.95E-02
256	ALL	671247.1	4342761	NonCancer	3.06E-03	6.09E-03	4.72E-06	9.67E-04	4.28E-07	4.03E-03	2.30E-02	3.06E-03	4.15E-08	0.00E+00	0.00E+00	6.92E-04	0.00E+00	0.00E+00	2.30E-02
257	ALL	671468.4	4342761	NonCancer	2.63E-03	5.52E-03	4.52E-06	9.18E-04	4.04E-07	3.55E-03	2.15E-02	2.63E-03	1.21E-08	0.00E+00	0.00E+00	6.54E-04	0.00E+00	0.00E+00	2.15E-02
258	ALL	671689.8	4342761	NonCancer	1.88E-03	4.04E-03	3.38E-06	6.85E-04	3.01E-07	2.57E-03	1.60E-02	1.88E-03	1.12E-08	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	1.60E-02
259	ALL	671911.1	4342761	NonCancer	1.16E-03	2.50E-03	2.10E-06	4.25E-04	1.86E-07	1.59E-03	9.90E-03	1.16E-03	4.65E-09	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	9.90E-03
260	ALL	672132.4	4342761	NonCancer	8.49E-04	1.82E-03	1.52E-06	3.07E-04	1.35E-07	1.16E-03	7.17E-03	8.49E-04	2.37E-09	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	7.17E-03
261	ALL	672353.7	4342761	NonCancer	7.50E-04	1.61E-03	1.35E-06	2.74E-04	1.20E-07	1.02E-03	6.38E-03	7.50E-04	2.69E-09	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	6.38E-03
262	ALL	672575	4342761	NonCancer	6.21E-04	1.34E-03	1.12E-06	2.28E-04	9.99E-08	8.50E-04	5.29E-03	6.21E-04	2.49E-09	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	5.29E-03
263	ALL	668148.8	4342926	NonCancer	2.21E-04	3.85E-04	2.51E-07	5.31E-05	2.39E-08	2.75E-04	1.33E-03	2.21E-04	3.44E-09	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	1.33E-03
264	ALL	668370.1	4342926	NonCancer	2.49E-04	4.37E-04	2.88E-07	6.07E-05	2.72E-08	3.10E-04	1.52E-03	2.49E-04	4.33E-09	0.00E+00	0.00E+00	4.29E-05	0.00E+00	0.00E+00	1.52E-03
265	ALL	668591.4	4342926	NonCancer	2.83E-04	5.01E-04	3.34E-07	7.03E-05	3.15E-08	3.54E-04	1.77E-03	2.83E-04	5.04E-09	0.00E+00	0.00E+00	4.97E-05	0.00E+00	0.00E+00	1.77E-03
266	ALL	668812.7	4342926	NonCancer	3.17E-04	5.64E-04	3.81E-07	8.00E-05	3.58E-08	3.97E-04	2.02E-03	3.16E-04	5.28E-09	0.00E+00	0.00E+00	5.65E-05	0.00E+00	0.00E+00	2.02E-03
267	ALL	669034	4342926	NonCancer	3.58E-04	6.46E-04	4.43E-07	9.28E-05	4.14E-08	4.51E-04	2.37E-03	3.58E-04	5.04E-09	0.00E+00	0.00E+00	6.54E-05	0.00E+00	0.00E+00	2.37E-03
268	ALL	669476.7	4342926	NonCancer	4.78E-04	8.85E-04	6.29E-07	1.31E-04	5.82E-08	6.10E-04	3.21E-03	4.78E-04	5.86E-09	0.00E+00	0.00E+00	9.23E-05	0.00E+00	0.00E+00	3.21E-03
269	ALL	669698	4342926	NonCancer	6.38E-04	1.16E-03	8.01E-07	1.67E-04	7.47E-08	8.06E-04	4.11E-03	6.38E-04	6.96E-09	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	4.11E-03
270	ALL	669919.3	4342926	NonCancer	7.70E-04	1.40E-03	9.75E-07	2.04E-04	9.09E-08	9.75E-04	4.99E-03	7.70E-04	1.24E-08	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	4.99E-03
271	ALL	670140.6	4342926	NonCancer	1.00E-03	1.81E-03	1.24E-06	2.60E-04	1.17E-07	1.27E-03	6.38E-03	1.00E-03	1.36E-08	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	6.38E-03
272	ALL	670361.9	4342926	NonCancer	1.31E-03	2.35E-03	1.60E-06	3.35E-04	1.50E-07	1.65E-03	8.22E-03	1.31E-03	1.44E-08	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	8.22E-03
273	ALL	670583.2	4342926	NonCancer	1.67E-03	3.03E-03	2.10E-06	4.38E-04	1.96E-07	2.11E-03	1.07E-02	1.67E-03	1.81E-08	0.00E+00	0.00E+00	3.09E-04	0.00E+00	0.00E+00	1.07E-02
274	ALL	670804.5	4342926	NonCancer	1.95E-03	3.60E-03	2.55E-06	5.31E-04	2.37E-07	2.48E-03	1.29E-02	1.95E-03	1.96E-08	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	1.29E-02
275	ALL	671025.8	4342926	NonCancer	2.03E-03	3.86E-03	2.83E-06	5.86E-04	2.61E-07	2.62E-03	1.41E-02	2.03E-03	2.12E-08	0.00E+00	0.00E+00	4.17E-04	0.00E+00	0.00E+00	1.41E-02
276	ALL	671247.1	4342926	NonCancer	2.31E-03	4.62E-03	3.60E-06	7.37E-04	3.26E-07	3.05E-03	1.75E-02	2.31E-03	2.49E-08	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	1.75E-02
277	ALL	671468.4	4342926	NonCancer	1.96E-03	4.11E-03	3.35E-06	6.81E-04	3.00E-07	2.65E-03	1.60E-02	1.96E-03	8.50E-09	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	1.60E-02
278	ALL	671689.8	4342926	NonCancer	1.50E-03	3.22E-03	2.69E-06	5.44E-04	2.39E-07	2.05E-03	1.27E-02	1.50E-03	6.47E-09	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	1.27E-02
279	ALL	671911.1	4342926	NonCancer	9.98E-04	2.15E-03	1.80E-06	3.64E-04	1.60E-07	1.36E-03	8.50E-03	9.98E-04	5.01E-09	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	8.50E-03
280	ALL	672132.4	4342926	NonCancer	6.76E-04	1.45E-03	1.21E-06	2.46E-04	1.08E-07	9.23E-04	5.74E-03	6.76E-04	1.90E-09	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	5.74E-03
281	ALL	672353.7	4342926	NonCancer	5.79E-04	1.23E-03	1.03E-06	2.08E-04	9.13E-08	7.88E-04	4.86E-03	5.79E-04	1.74E-09	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	4.86E-03
282	ALL	672575	4342926	NonCancer	5.19E-04	1.11E-03	9.32E-07	1.89E-04	8.29E-08	7.09E-04	4.40E-03	5.19E-04	1.79E-09	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	4.40E-03
283	ALL	668148.8	4343090	NonCancer	2.23E-04	3.87E-04	2.50E-07	5.29E-05	2.38E-08	2.76E-04	1.32E-03	2.23E-04	3.02E-09	0.00E+00	0.00E+00	3.71E-05	0.00E+00	0.00E+00	1.32E-03
284	ALL	668370.1	4343090	NonCancer	2.48E-04	4.34E-04	2.84E-07	6.00E-05	2.70E-08	3.08E-04	1.50E-03	2.48E-04	3.65E-09	0.00E+00	0.00E+00	4.22E-05	0.00E+00	0.00E+00	1.50E-03
285	ALL	668591.4	4343090	NonCancer	2.82E-04	5.00E-04	3.35E-07	7.03E-05	3.15E-08	3.53E-04	1.79E-03	2.82E-04	5.52E-09	0.00E+00	0.00E+00	4.99E-05	0.00E+00	0.00E+00	1.79E-03
286	ALL	669476.7	4343090	NonCancer	4.75E-04	8.76E-04	6.20E-07	1.29E-04	5.75E-08	6.05E-04	3.18E-03	4.75E-04	5.40E-09	0.00E+00	0.00E+00	9.10E-05	0.00E+00	0.00E+00	3.18E-03
287	ALL	669698	4343090	NonCancer	5.97E-04	1.10E-03	7.76E-07	1.62E-04	7.20E-08	7.60E-04	3.95E-03	5.97E-04	6.09E-09	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	3.95E-03
288	ALL	669919.3	4343090	NonCancer	7.90E-04	1.43E-03	9.84E-07	2.06E-04	9.20E-08	9.97E-04	5.06E-03	7.90E-04	6.99E-09	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	5.06E-03
289	ALL	670140.6	4343090	NonCancer	1.04E-03	1.88E-03	1.29E-06	2.71E-04	1.21E-07	1.31E-03	6.65E-03	1.04E-03	1.24E-08	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	6.65E-03
290	ALL	670361.9	4343090	NonCancer	1.23E-03	2.21E-03	1.50E-06	3.15E-04	1.41E-07	1.55E-03	7.75E-03	1.23E-03	8.84E-09	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	7.75E-03
291	ALL	670583.2	4343090	NonCancer	1.39E-03	2.55E-03	1.79E-06	3.73E-04	1.66E-07	1.76E-03	9.08E-03	1.39E-03	1.11E-08	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	9.08E-03
292	ALL	670804.5	4343090	NonCancer	1.64E-03	3.08E-03	2.21E-06	4.59E-04	2.05E-07	2.10E-03	1.11E-02	1.64E-03	1.48E-08	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	1.11E-02
293	ALL	671025.8	4343090	NonCancer	1.60E-03	3.08E-03	2.30E-06	4.74E-04	2.11E-07	2.07E-03	1.14E-02	1.60E-03	1.32E-08	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	1.14E-02
294	ALL	671247.1	4343090	NonCancer	1.78E-03	3.59E-03	2.81E-06	5.74E-04	2.54E-07	2.36E-03	1.36E-02	1.78E-03	1.51E-08	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	1.36E-02
295	ALL	671468.4	4343090	NonCancer	1.56E-03	3.24E-03	2.63E-06	5.35E-04	2.36E-07	2.09E-03	1.26E-02	1.55E-03	6.41E-09	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	1.26E-02
296	ALL	671689.8	4343090	NonCancer	1.22E-03	2.61E-03	2.16E-06	4.39E-04	1.93E-07	1.66E-03	1.03E-02	1.22E-03	4.03E-09	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	1.03E-02

297	ALL	671911.1	4343090	NonCancer	8.61E-04	1.85E-03	1.55E-06	3.13E-04	1.37E-07	1.18E-03	7.31E-03	8.61E-04	4.19E-09	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	7.31E-03
298	ALL	672132.4	4343090	NonCancer	6.08E-04	1.30E-03	1.09E-06	2.21E-04	9.69E-08	8.29E-04	5.15E-03	6.07E-04	2.02E-09	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	5.15E-03
299	ALL	672353.7	4343090	NonCancer	4.34E-04	9.29E-04	7.74E-07	1.57E-04	6.89E-08	5.92E-04	3.67E-03	4.34E-04	1.10E-09	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	3.67E-03
300	ALL	672575	4343090	NonCancer	3.80E-04	8.07E-04	6.69E-07	1.36E-04	5.96E-08	5.16E-04	3.17E-03	3.79E-04	1.06E-09	0.00E+00	0.00E+00	9.67E-05	0.00E+00	0.00E+00	3.17E-03
301	ALL	668148.8	4343255	NonCancer	2.23E-04	3.88E-04	2.53E-07	5.34E-05	2.40E-08	2.77E-04	1.33E-03	2.23E-04	2.99E-09	0.00E+00	0.00E+00	3.75E-05	0.00E+00	0.00E+00	1.33E-03
302	ALL	668370.1	4343255	NonCancer	2.44E-04	4.29E-04	2.84E-07	5.97E-05	2.68E-08	3.04E-04	1.49E-03	2.44E-04	3.62E-09	0.00E+00	0.00E+00	4.21E-05	0.00E+00	0.00E+00	1.49E-03
303	ALL	668591.4	4343255	NonCancer	2.70E-04	4.81E-04	3.24E-07	6.81E-05	3.05E-08	3.38E-04	1.73E-03	2.70E-04	4.86E-09	0.00E+00	0.00E+00	4.82E-05	0.00E+00	0.00E+00	1.73E-03
304	ALL	669476.7	4343255	NonCancer	4.91E-04	8.98E-04	6.28E-07	1.31E-04	5.84E-08	6.23E-04	3.22E-03	4.91E-04	5.12E-09	0.00E+00	0.00E+00	9.22E-05	0.00E+00	0.00E+00	3.22E-03
305	ALL	669698	4343255	NonCancer	6.03E-04	1.10E-03	7.66E-07	1.60E-04	7.14E-08	7.64E-04	3.92E-03	6.03E-04	5.51E-09	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	3.92E-03
306	ALL	669919.3	4343255	NonCancer	7.60E-04	1.38E-03	9.47E-07	1.98E-04	8.86E-08	9.59E-04	4.86E-03	7.60E-04	6.11E-09	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	4.86E-03
307	ALL	670140.6	4343255	NonCancer	9.20E-04	1.66E-03	1.14E-06	2.39E-04	1.07E-07	1.16E-03	5.86E-03	9.19E-04	6.72E-09	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	5.86E-03
308	ALL	670361.9	4343255	NonCancer	1.04E-03	1.89E-03	1.32E-06	2.76E-04	1.23E-07	1.31E-03	6.74E-03	1.04E-03	7.36E-09	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	6.74E-03
309	ALL	670583.2	4343255	NonCancer	1.16E-03	2.16E-03	1.54E-06	3.21E-04	1.43E-07	1.48E-03	7.78E-03	1.16E-03	8.29E-09	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	7.78E-03
310	ALL	670804.5	4343255	NonCancer	1.38E-03	2.62E-03	1.90E-06	3.94E-04	1.76E-07	1.78E-03	9.51E-03	1.38E-03	1.11E-08	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	9.51E-03
311	ALL	671025.8	4343255	NonCancer	1.31E-03	2.55E-03	1.92E-06	3.96E-04	1.76E-07	1.71E-03	9.48E-03	1.31E-03	8.88E-09	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	9.48E-03
312	ALL	671247.1	4343255	NonCancer	1.40E-03	2.83E-03	2.23E-06	4.55E-04	2.01E-07	1.86E-03	1.08E-02	1.40E-03	8.99E-09	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	1.08E-02
313	ALL	671468.4	4343255	NonCancer	1.28E-03	2.66E-03	2.15E-06	4.38E-04	1.93E-07	1.72E-03	1.03E-02	1.28E-03	5.02E-09	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	1.03E-02
314	ALL	671689.8	4343255	NonCancer	1.02E-03	2.16E-03	1.78E-06	3.62E-04	1.59E-07	1.38E-03	8.46E-03	1.02E-03	3.03E-09	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	8.46E-03
315	ALL	671911.1	4343255	NonCancer	7.49E-04	1.60E-03	1.34E-06	2.71E-04	1.19E-07	1.02E-03	6.33E-03	7.49E-04	2.80E-09	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	6.33E-03
316	ALL	672132.4	4343255	NonCancer	5.41E-04	1.16E-03	9.68E-07	1.96E-04	8.61E-08	7.38E-04	4.58E-03	5.41E-04	2.00E-09	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	4.58E-03
317	ALL	672353.7	4343255	NonCancer	4.01E-04	8.59E-04	7.15E-07	1.45E-04	6.37E-08	5.47E-04	3.39E-03	4.01E-04	1.08E-09	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	3.39E-03
318	ALL	672575	4343255	NonCancer	3.01E-04	6.44E-04	5.35E-07	1.09E-04	4.77E-08	4.10E-04	2.54E-03	3.01E-04	7.54E-10	0.00E+00	0.00E+00	7.73E-05	0.00E+00	0.00E+00	2.54E-03
319	ALL	668148.8	4343420	NonCancer	2.22E-04	3.90E-04	2.57E-07	5.42E-05	2.43E-08	2.76E-04	1.35E-03	2.22E-04	3.01E-09	0.00E+00	0.00E+00	3.81E-05	0.00E+00	0.00E+00	1.35E-03
320	ALL	668370.1	4343420	NonCancer	2.40E-04	4.25E-04	2.85E-07	5.98E-05	2.68E-08	3.00E-04	1.49E-03	2.40E-04	3.60E-09	0.00E+00	0.00E+00	4.22E-05	0.00E+00	0.00E+00	1.49E-03
321	ALL	668591.4	4343420	NonCancer	2.61E-04	4.68E-04	3.18E-07	6.66E-05	2.98E-08	3.28E-04	1.68E-03	2.61E-04	4.77E-09	0.00E+00	0.00E+00	4.72E-05	0.00E+00	0.00E+00	1.68E-03
322	ALL	668812.7	4343420	NonCancer	2.96E-04	5.34E-04	3.67E-07	7.68E-05	3.43E-08	3.73E-04	2.00E-03	2.96E-04	9.05E-09	0.00E+00	0.00E+00	5.54E-05	0.00E+00	0.00E+00	2.00E-03
323	ALL	669034	4343420	NonCancer	3.39E-04	6.16E-04	4.26E-07	8.91E-05	3.98E-08	4.29E-04	2.32E-03	3.39E-04	6.61E-08	0.00E+00	0.00E+00	7.76E-05	0.00E+00	0.00E+00	2.32E-03
324	ALL	669255.3	4343420	NonCancer	3.98E-04	7.24E-04	5.02E-07	1.05E-04	4.68E-08	5.03E-04	2.64E-03	3.98E-04	8.79E-09	0.00E+00	0.00E+00	7.49E-05	0.00E+00	0.00E+00	2.64E-03
325	ALL	669476.7	4343420	NonCancer	4.75E-04	8.64E-04	6.00E-07	1.25E-04	5.60E-08	6.01E-04	3.09E-03	4.75E-04	4.98E-09	0.00E+00	0.00E+00	8.83E-05	0.00E+00	0.00E+00	3.09E-03
326	ALL	669698	4343420	NonCancer	6.01E-04	1.09E-03	7.51E-07	1.57E-04	7.02E-08	7.59E-04	3.86E-03	6.01E-04	4.98E-09	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	3.86E-03
327	ALL	669919.3	4343420	NonCancer	7.09E-04	1.29E-03	8.94E-07	1.87E-04	8.35E-08	8.97E-04	4.57E-03	7.09E-04	5.32E-09	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	4.57E-03
328	ALL	670140.6	4343420	NonCancer	7.92E-04	1.45E-03	1.02E-06	2.12E-04	9.48E-08	1.00E-03	5.18E-03	7.92E-04	5.57E-09	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	5.18E-03
329	ALL	670361.9	4343420	NonCancer	8.86E-04	1.64E-03	1.16E-06	2.41E-04	1.08E-07	1.13E-03	5.87E-03	8.86E-04	6.13E-09	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	5.87E-03
330	ALL	670583.2	4343420	NonCancer	9.95E-04	1.87E-03	1.36E-06	2.81E-04	1.25E-07	1.28E-03	6.79E-03	9.95E-04	6.79E-09	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	6.79E-03
331	ALL	670804.5	4343420	NonCancer	1.17E-03	2.23E-03	1.64E-06	3.40E-04	1.51E-07	1.51E-03	8.18E-03	1.17E-03	8.44E-09	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	8.18E-03
332	ALL	671025.8	4343420	NonCancer	1.19E-03	2.34E-03	1.77E-06	3.65E-04	1.62E-07	1.56E-03	8.71E-03	1.19E-03	7.58E-09	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	8.71E-03
333	ALL	671247.1	4343420	NonCancer	1.22E-03	2.47E-03	1.94E-06	3.97E-04	1.75E-07	1.62E-03	9.41E-03	1.22E-03	6.53E-09	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	9.41E-03
334	ALL	671468.4	4343420	NonCancer	1.05E-03	2.17E-03	1.75E-06	3.57E-04	1.57E-07	1.41E-03	8.40E-03	1.05E-03	3.95E-09	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	8.40E-03
335	ALL	671689.8	4343420	NonCancer	8.67E-04	1.83E-03	1.51E-06	3.07E-04	1.35E-07	1.18E-03	7.18E-03	8.67E-04	2.54E-09	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	7.18E-03
336	ALL	671911.1	4343420	NonCancer	6.62E-04	1.41E-03	1.17E-06	2.38E-04	1.05E-07	9.01E-04	5.57E-03	6.62E-04	2.00E-09	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	5.57E-03
337	ALL	672132.4	4343420	NonCancer	4.80E-04	1.03E-03	8.56E-07	1.73E-04	7.61E-08	6.54E-04	4.05E-03	4.80E-04	1.79E-09	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	4.05E-03
338	ALL	672353.7	4343420	NonCancer	3.59E-04	7.69E-04	6.41E-07	1.30E-04	5.70E-08	4.90E-04	3.03E-03	3.59E-04	1.02E-09	0.00E+00	0.00E+00	9.26E-05	0.00E+00	0.00E+00	3.03E-03
339	ALL	672575	4343420	NonCancer	2.77E-04	5.91E-04	4.92E-07	9.97E-05	4.38E-08	3.77E-04	2.33E-03	2.77E-04	6.97E-10	0.00E+00	0.00E+00	7.10E-05	0.00E+00	0.00E+00	2.33E-03
340	ALL	668148.8	4343585	NonCancer	2.22E-04	3.92E-04	2.61E-07	5.49E-05	2.46E-08	2.77E-04	1.36E-03	2.22E-04	2.80E-09	0.00E+00	0.00E+00	3.86E-05	0.00E+00	0.00E+00	1.36E-03
341	ALL	668370.1	4343585	NonCancer	2.42E-04	4.31E-04	2.90E-07	6.10E-05	2.73E-08	3.03E-04	1.52E-03	2.42E-04	3.36E-09	0.00E+00	0.00E+00	4.30E-05	0.00E+00	0.00E+00	1.52E-03
342	ALL	668591.4	4343585	NonCancer	2.62E-04	4.71E-04	3.21E-07	6.73E-05	3.01E-08	3.30E-04	1.69E-03	2.62E-04	4.46E-09	0.00E+00	0.00E+00	4.77E-05	0.00E+00	0.00E+00	1.69E-03
343	ALL	668812.7	4343585	NonCancer	3.02E-04	5.45E-04	3.74E-07	7.82E-05	3.50E-08	3.80E-04	1.99E-03	3.02E-04	6.86E-09	0.00E+00	0.00E+00	5.59E-05	0.00E+00	0.00E+00	1.99E-03
344	ALL	669034	4343585	NonCancer	3.51E-04	6.35E-04	4.37E-07	9.14E-05	4.09E-08	4.43E-04	2.31E-03	3.51E-04	7.79E-09	0.00E+00	0.00E+00	6.53E-05	0.00E+00	0.00E+00	2.31E-03
345	ALL	669255.3	4343585	NonCancer	4.10E-04	7.41E-04	5.11E-07	1.07E-04	4.78E-08	5.17E-04	2.66E-03	4.10E-04	4.80E-09	0.00E+00	0.00E+00	7.53E-05	0.00E+00	0.00E+00	2.66E-03
346	ALL	669476.7	4343585	NonCancer	4.81E-04	8.71E-04	6.02E-07	1.26E-04	5.62E-08	6.07E-04	3.10E-03	4.80E-04	4.27E-09	0.00E+00	0.00E+00	8.85E-05	0.00E+00	0.00E+00	3.10E-03
347	ALL	669698	4343585	NonCancer	5.52E-04	1.01E-03	7.00E-07	1.46E-04	6.54E-08	6.99E-04	3.58E-03	5.52E-04	4.35E-09	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	3.58E-03
348	ALL	669919.3	4343585	NonCancer	6.33E-04	1.16E-03	8.12E-07	1.69E-04	7.57E-08	8.03E-04	4.14E-03	6.33E-04	4.54E-09	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	4.14E-03
349	ALL	670140.6	4343585	NonCancer	7.05E-04	1.30E-03	9.14E-07	1.90E-04	8.50E-08	8.96E-04	4.64E-03	7.05E-04	4.81E-09	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	4.64E-03
350	ALL	670361.9	4343585	NonCancer	7.78E-04	1.45E-03	1.03E-06	2.15E-04	9.58E-08	9.94E-04	5.21E-03	7.78E-04	5.16E-09	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	5.21E-03
351	ALL	670583.2	4343585	NonCancer	8.72E-04	1.65E-03	1.21E-06	2.50E-04	1.11E-07	1.12E-03	6.02E-03	8.72E-04	5.88E-09	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	6.02E-03
352	ALL	670804.5	4343585	NonCancer	9.85E-04	1.91E-03	1.43E-06	2.94E-04	1.31E-07	1.28E-03	7.05E-03	9.85E-04	6.66E-09	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	7.05E-03
353	ALL	671025.8	4343585	NonCancer	1.10E-03	2.17E-03	1.67E-06	3.42E-04	1.52E-07	1.44E-03	8.14E-03	1.10E-03	7.80E-09	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	8.14E-03
354	ALL	671247.1	4343585	NonCancer	1.03E-03	2.09E-03	1.65E-06	3.36E-04	1.49E-07	1.37E-03	7.97E-03	1.03E-03	4.80E-09	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	7.97E-03
355	ALL	671468.4	4343585	NonCancer	9.17E-04	1.89E-03	1.52E-06	3.10E-04	1.37E-07	1.23E-03	7.31E-03	9.17E-04	3.41E-09	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	7.31E-03
356	ALL	671689.8	4343585	NonCancer	7.88E-04	1.65E-03	1.35E-06	2.75E-04	1.21E-07	1.06E-03	6.46E-03	7.88E-04	2.37E-09	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	6.46E-03
357	ALL	671911.1	4343585	NonCancer	6.09E-04	1.29E-03	1.07E-06	2.17E-04	9.55E-08	8.27E-04	5.09E-03	6.09E-04	1.72E-09	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	5.09E-03
358	ALL	672132.4	4343585	NonCancer	4.50E-04	9.60E-04	7.97E-07	1.62E-04	7.10E-08	6.13E-04	3.78E-03	4.50E-04	1.53E-09	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	3.78E-03
359	ALL	672353.7	4343585	NonCancer	3.36E-04	7.17E-04	5.97E-07	1.21E-04	5.31E-08	4.57E-04	2.83E-03	3.36E-04	1.02E-09	0.00E+00	0.00E+00	8.62E-05	0.00E+00	0.00E+00	2.83E-03
360	ALL	672575	4343585	NonCancer	2.60E-04	5.54E-04	4.61E-07	9.34E-05	4.10E-08	3.54E-04	2.18E-03	2.60E-04	6.83E-10	0.00E+00	0.00E+00	6.66E-05	0.00E+00	0.00E+00	2.18E-03
361	ALL	668148.8	4343750	NonCancer	2.18E-04	3.86E-04	2.58E-07	5.43E-05	2.43E-08	2.73E-04	1.35E-03	2.18E-04	2.82E-09	0.00E+00	0.00E+00	3.82E-05	0.00E+00	0.00E+00	1.35E-03
362	ALL	668370.1	4343750	NonCancer	2.47E-04	4.38E-04	2.94E-07	6.17E-05	2.77E-08	3.09E-04	1.54E-03	2.46E-04	2.87E-09	0.00E+00	0.00E+00	4.34E-05	0.00E+00	0.00E+00	1.54E-03
363	ALL	668591.4	4343750	NonCancer	2.74E-04	4.89E-04	3.32E-07	6.96E-05	3.12E-08	3.44E-04	1.74E-03	2.74E-04	3.50E-09	0.00E+00	0.00E+00	4.91E-05	0.00E+00	0.00E+00	1.74E-03
364	ALL	668812.7	4343750	NonCancer	3.08E-04	5.53E-04	3.77E-07	7.90E-05	3.54E-08	3.87E-04	1.98E-03	3.08E-04	4.53E-09	0.00E+00	0.00E+00	5.59E-05	0.00E+00	0.00E+00	1.98E-03
365	ALL	669034	4343750	NonCancer	3.69E-04	6.57E-04	4.44E-07	9.31E-05	4.17E-08	4.62E-04	2.33E-03	3.69E-04	4.35E-09	0.00E+00	0.00E+00	6.56E-05	0.00E+00	0.00E+00	2.33E-03
366	ALL	669255.3	4343750	NonCancer	4.23E-04	7.57E-04	5.14E-07	1.08E-04	4.83E-08	5.31E-04	2.68E-03	4.23E-04	3.96E-09	0.00E+00	0.00E+00	7.58E-05	0.00E+00	0.00E+00	2.68E-03
367	ALL	669476.7	4343750	NonCancer	4.74E-04	8.57E-04	5.91E-07	1.24E-04	5.53E-08	5.98E-04	3.04E-03	4.74E-04	3.81E-09	0.00E+00	0.00E+00	8.68E-05	0.00E+00	0.00E+00	3.04E-03
368	ALL	669698	4343750	NonCancer	5.32E-04	9.69E-04	6.74E-07	1.41E-04	6.29E-08	6.73E-04	3.45E-03	5.32E-04	3.88E-09	0.00E+00	0.00E+00	9.90E-05	0.00E+00	0.00E+00	3.45E-03
369	ALL	669919.3	4343750	NonCancer	5.86E-04	1.07E-03	7.51E-07	1.57E-04	7.00E-08	7.43E-04	3.82E-03	5.86E-04	4.02E-09	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	3.82E-03
370	ALL	670140.6	4343750	NonCancer	6.37E-04	1.17E-03	8.29E-07	1.73E-04	7.71E-08	8.11E-04	4.20E-03	6.37E-04	4.23E-09	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	4.20E-03
371	ALL	670361.9	4343750	NonCancer	7.02E-04	1.31E-03	9.39E-07	1.95E-04	8.70E-08	8.98E-04	4.73E-03	7.02E-04	4.54E-09	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	4.73E-03
372	ALL	670583.2	4343750	NonCancer	7.67E-04	1.46E-03	1.08E-06	2.23E-04	9.90E-08	9.91E-04	5.36E-03	7.67E-04	5.02E-09	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	5.36E-03
373	ALL	670804.5	4343750	NonCancer	8.47E-04	1.65E-03	1.25E-06	2.57E-04	1.14E-07	1.11E-03	6.15E-03	8.47E-04	5.51E-09	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	6.15E-03
374	ALL	671025.8	4343750	NonCancer	9.26E-04	1.85E-03	1.44E-06	2.94E-04	1.30E-07	1.22E-03	6.99E-03	9.26E-04	6.10E-09	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	6.99E-03
375	ALL	671247.1	4343750	NonCancer	9.60E-04	1.96E-03	1.55E-06	3.17E-04	1.40E-07	1.28E-03	7.49E-03	9.60E-04	4.74E-09	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	7.49E-03
376	ALL	671468.4	4343750	NonCancer	8.78E-04	1.81E-03	1.45E-06	2.96E-04	1.31E-07	1.18E-03	6.98E-03	8.78E-04	3.87E-09	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	6.98E-03
377	ALL	671689.8	4343750	NonCancer	7.90E-04	1.65E-03	1.35E-06	2.74E-04	1.21E-07	1.07E-03	6.43E-03	7.90E-04	2.82E-09	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	6.43E-03
378	ALL	671911.1	4343750	NonCancer	6.22E-04	1.31E-03	1.07E-06	2.18E-04	9.59E-08	8.42E-04	5.11E-03	6.22E-04	1.90E-09	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	5.11E-03
379	ALL	672132.4	4343750	NonCancer	4.47E-04	9.46E-04	7.80E-07	1.58E-04	6.96E-08	6.06E-04	3.71E-03	4.47E-04	1.41E-09	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	3.71E-03
380	ALL	672353.7	4343750	NonCancer	3.25E-04	6.91E-04	5.73E-07	1.16E-04	5.10E-08	4.41E-04	2.72E-03	3.25E-04	1.05E-09	0.00E+00	0.00E+00	8.28E-05	0.00E+00	0.00E+00	2.72E-03
381	ALL	672575	4343750	NonCancer	2.53E-04	5.38E-04	4.46E-07	9.05E-05	3.98E-08	3.44E-04	2.12E-03	2.53E-04	7.04E-10	0.00E+00	0.00E+00	6.45E-05	0.00E+00	0.00E+00	2.12E-03
382	ALL	668148.8	4343915	NonCancer	2.16E-04	3.82E-04	2.56E-07	5.38E-05	2.41E-08	2.70E-04	1.34E-03	2.16E-04	2.80E-09	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	1.34E-03
383	ALL	668370.1	4343915	NonCancer	2.47E-04	4.38E-04	2.93E-07	6.17E-05	2.77E-08	3.09E-04	1.54E-03	2.47E-04	2.78E-09	0.00E+00	0.00E+00	4.34E-05	0.00E+00	0.00E+00	1.54E-03
384	ALL	668591.4	4343915	NonCancer	2.83E-04	5.02E-04	3.35E-07	7.05E-05	3.16E-08	3.54E-04	1.76E-03	2.83E-04	3.07E-09	0.00E+00	0.00E+00	4.95E-05	0.00E+00	0.00E+00	1.76E-03
385	ALL	668812.7	4343915	NonCancer	3.19E-04	5.67E-04	3.81E-07	8.00E-05	3.59E-08	3.99E-04	2.00E-03	3.19E-04	3.44E-09	0.00E+00	0.00E+00	5.63E-05	0.00E+00	0.00E+00	2.00E-03
386	ALL	669034	4343915	NonCancer	3.72E-04	6.59E-04	4.40E-07	9.26E-05	4.16E-08	4.65E-04	2.31E-03	3.72E-04	3.54E-09	0.00E+00	0.00E+00	6.50E-05	0.00E+00	0.00E+00	2.31E-03
387	ALL	669255.3	4343915	NonCancer	4.26E-04	7.57E-04	5.08E-07	1.07E-04	4.79E-08	5.33E-04	2.65E-03	4.26E-04	3.48E-09	0.00E+00	0.00E+00	7.49E-05	0.00E+00	0.00E+00	2.65E-03
388	ALL	669476.7	4343915	NonCancer	4.68E-04	8.44E-04	5.77E-07	1.21E-04	5.42E-08	5.90E-04	2.98E-03	4.68E-04	3.44E-09	0.00E+00	0.00E+00	8.49E-05	0.00E+00	0.00E+00	2.98E-03
389	ALL	669698	4343915	NonCancer	5.03E-04	9.16E-04	6.36E-07	1.33E-04	5.94E-08	6.36E-04	3.25E-03	5.03E-04	3.49E-09	0.00E+00	0.00E+00	9.34E-05	0.00E+00	0.00E+00	3.25E-03
390	ALL	669919.3	4343915	NonCancer	5.37E-04	9.85E-04	6.90E-07	1.44E-04	6.43E-08	6.82E-04	3.51E-03	5.37E-04	3.59E-09	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	3.51E-03
391	ALL	670140.6	4343915	NonCancer	5.80E-04	1.07E-03	7.58E-07	1.58E-04	7.05E-08	7.39E-04	3.84E-03	5.80E-04	3.77E-09	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	3.84E-03
392	ALL	670361.9	4343915	NonCancer	6.27E-04	1.18E-03	8.51E-07	1.76E-04	7.86E-08	8.05E-04	4.27E-03	6.27E-04	3.99E-09	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	4.27E-03
393	ALL	670583.2	4343915	NonCancer	6.86E-04	1.31E-03	9.71E-07	2.01E-04	8.92E-08	8.88E-04	4.82E-03	6.86E-04	4.35E-09	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	4.82E-03
394	ALL	670804.5	4343915	NonCancer	7.50E-04	1.47E-03	1.11E-06	2.29E-04	1.01E-07	9.80E-04	5.46E-03	7.50E-04	4.81E-09	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	5.46E-03
395	ALL	671025.8	4343915	NonCancer	8.12E-04	1.62E-03	1.26E-06	2.58E-04	1.14E-07	1.07E-03	6.12E-03	8.12E-04	5.11E-09	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	6.12E-03

396	ALL	671247.1	4343915	NonCancer	8.18E-04	1.67E-03	1.32E-06	2.70E-04	1.19E-07	1.09E-03	6.38E-03	8.17E-04	5.12E-09	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	6.38E-03
397	ALL	671468.4	4343915	NonCancer	7.52E-04	1.55E-03	1.24E-06	2.53E-04	1.12E-07	1.01E-03	5.96E-03	7.52E-04	3.28E-09	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	5.96E-03
398	ALL	671689.8	4343915	NonCancer	6.68E-04	1.39E-03	1.13E-06	2.31E-04	1.02E-07	9.00E-04	5.42E-03	6.68E-04	2.23E-09	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	5.42E-03
399	ALL	671911.1	4343915	NonCancer	5.52E-04	1.16E-03	9.46E-07	1.92E-04	8.46E-08	7.45E-04	4.52E-03	5.52E-04	1.66E-09	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	4.52E-03
400	ALL	672132.4	4343915	NonCancer	4.38E-04	9.20E-04	7.53E-07	1.53E-04	6.73E-08	5.92E-04	3.59E-03	4.38E-04	1.38E-09	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	3.59E-03
401	ALL	672353.7	4343915	NonCancer	3.40E-04	7.19E-04	5.91E-07	1.20E-04	5.28E-08	4.61E-04	2.81E-03	3.40E-04	1.17E-09	0.00E+00	0.00E+00	8.56E-05	0.00E+00	0.00E+00	2.81E-03
402	ALL	672575	4343915	NonCancer	2.63E-04	5.58E-04	4.60E-07	9.34E-05	4.11E-08	3.57E-04	2.19E-03	2.63E-04	7.86E-10	0.00E+00	0.00E+00	6.66E-05	0.00E+00	0.00E+00	2.19E-03
403	ALL	668148.8	4344080	NonCancer	2.19E-04	3.87E-04	2.58E-07	5.43E-05	2.44E-08	2.74E-04	1.35E-03	2.19E-04	2.50E-09	0.00E+00	0.00E+00	3.82E-05	0.00E+00	0.00E+00	1.35E-03
404	ALL	668370.1	4344080	NonCancer	2.46E-04	4.36E-04	2.92E-07	6.14E-05	2.75E-08	3.08E-04	1.53E-03	2.46E-04	2.68E-09	0.00E+00	0.00E+00	4.32E-05	0.00E+00	0.00E+00	1.53E-03
405	ALL	668591.4	4344080	NonCancer	2.83E-04	4.99E-04	3.33E-07	7.00E-05	3.14E-08	3.53E-04	1.75E-03	2.83E-04	2.82E-09	0.00E+00	0.00E+00	4.91E-05	0.00E+00	0.00E+00	1.75E-03
406	ALL	668812.7	4344080	NonCancer	3.24E-04	5.72E-04	3.80E-07	7.99E-05	3.59E-08	4.04E-04	2.00E-03	3.24E-04	2.95E-09	0.00E+00	0.00E+00	5.60E-05	0.00E+00	0.00E+00	2.00E-03
407	ALL	669034	4344080	NonCancer	3.72E-04	6.55E-04	4.35E-07	9.16E-05	4.11E-08	4.64E-04	2.28E-03	3.72E-04	3.07E-09	0.00E+00	0.00E+00	6.42E-05	0.00E+00	0.00E+00	2.28E-03
408	ALL	669255.3	4344080	NonCancer	4.19E-04	7.42E-04	4.96E-07	1.04E-04	4.69E-08	5.24E-04	2.59E-03	4.19E-04	3.10E-09	0.00E+00	0.00E+00	7.31E-05	0.00E+00	0.00E+00	2.59E-03
409	ALL	669476.7	4344080	NonCancer	4.42E-04	7.98E-04	5.48E-07	1.15E-04	5.14E-08	5.57E-04	2.82E-03	4.42E-04	3.11E-09	0.00E+00	0.00E+00	8.06E-05	0.00E+00	0.00E+00	2.82E-03
410	ALL	669698	4344080	NonCancer	4.69E-04	8.54E-04	5.93E-07	1.24E-04	5.54E-08	5.94E-04	3.03E-03	4.69E-04	3.14E-09	0.00E+00	0.00E+00	8.71E-05	0.00E+00	0.00E+00	3.03E-03
411	ALL	669919.3	4344080	NonCancer	4.97E-04	9.10E-04	6.36E-07	1.33E-04	5.94E-08	6.30E-04	3.24E-03	4.97E-04	3.24E-09	0.00E+00	0.00E+00	9.35E-05	0.00E+00	0.00E+00	3.24E-03
412	ALL	670140.6	4344080	NonCancer	5.43E-04	9.99E-04	7.03E-07	1.46E-04	6.54E-08	6.90E-04	3.56E-03	5.43E-04	3.42E-09	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	3.56E-03
413	ALL	670361.9	4344080	NonCancer	5.66E-04	1.07E-03	7.76E-07	1.61E-04	7.16E-08	7.27E-04	3.88E-03	5.66E-04	3.57E-09	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	3.88E-03
414	ALL	670583.2	4344080	NonCancer	6.15E-04	1.18E-03	8.77E-07	1.81E-04	8.04E-08	7.97E-04	4.35E-03	6.15E-04	3.81E-09	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	4.35E-03
415	ALL	670804.5	4344080	NonCancer	6.73E-04	1.32E-03	9.96E-07	2.05E-04	9.09E-08	8.79E-04	4.89E-03	6.73E-04	4.25E-09	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	4.89E-03
416	ALL	671025.8	4344080	NonCancer	6.97E-04	1.39E-03	1.08E-06	2.22E-04	9.80E-08	9.19E-04	5.26E-03	6.97E-04	3.47E-09	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	5.26E-03
417	ALL	671247.1	4344080	NonCancer	7.17E-04	1.46E-03	1.16E-06	2.36E-04	1.04E-07	9.55E-04	5.58E-03	7.17E-04	4.38E-09	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	5.58E-03
418	ALL	671468.4	4344080	NonCancer	6.81E-04	1.40E-03	1.12E-06	2.28E-04	1.01E-07	9.10E-04	5.38E-03	6.81E-04	4.28E-09	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	5.38E-03
419	ALL	671689.8	4344080	NonCancer	5.69E-04	1.18E-03	9.58E-07	1.95E-04	8.59E-08	7.65E-04	4.59E-03	5.69E-04	1.82E-09	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	4.59E-03
420	ALL	671911.1	4344080	NonCancer	4.62E-04	9.70E-04	7.94E-07	1.61E-04	7.10E-08	6.24E-04	3.79E-03	4.62E-04	1.34E-09	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	3.79E-03
421	ALL	672132.4	4344080	NonCancer	3.68E-04	7.78E-04	6.41E-07	1.30E-04	5.72E-08	4.99E-04	3.05E-03	3.68E-04	1.03E-09	0.00E+00	0.00E+00	9.27E-05	0.00E+00	0.00E+00	3.05E-03
422	ALL	672353.7	4344080	NonCancer	2.93E-04	6.19E-04	5.10E-07	1.03E-04	4.55E-08	3.97E-04	2.42E-03	2.93E-04	9.08E-10	0.00E+00	0.00E+00	7.37E-05	0.00E+00	0.00E+00	2.42E-03
423	ALL	672575	4344080	NonCancer	2.35E-04	4.98E-04	4.11E-07	8.34E-05	3.67E-08	3.19E-04	1.95E-03	2.35E-04	7.15E-10	0.00E+00	0.00E+00	5.95E-05	0.00E+00	0.00E+00	1.95E-03
424	ALL	671464.7	4342094	NonCancer	1.30E-02	2.87E-02	2.46E-05	4.97E-03	2.18E-06	1.80E-02	1.15E-01	1.30E-02	1.25E-07	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	1.15E-01
425	ALL	671482.2	4342064	NonCancer	1.38E-02	3.08E-02	2.65E-05	5.35E-03	2.34E-06	1.92E-02	1.24E-01	1.38E-02	1.31E-07	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	1.24E-01
426	ALL	671498.6	4342030	NonCancer	1.47E-02	3.29E-02	2.85E-05	5.75E-03	2.51E-06	2.05E-02	1.33E-01	1.47E-02	1.34E-07	0.00E+00	0.00E+00	4.13E-03	0.00E+00	0.00E+00	1.33E-01
427	ALL	671513.8	4341992	NonCancer	1.59E-02	3.59E-02	3.14E-05	6.32E-03	2.76E-06	2.23E-02	1.46E-01	1.59E-02	1.42E-07	0.00E+00	0.00E+00	4.55E-03	0.00E+00	0.00E+00	1.46E-01
428	ALL	671541.8	4341965	NonCancer	1.52E-02	3.44E-02	3.02E-05	6.07E-03	2.65E-06	2.13E-02	1.40E-01	1.52E-02	1.24E-07	0.00E+00	0.00E+00	4.37E-03	0.00E+00	0.00E+00	1.40E-01
429	ALL	671575.6	4341974	NonCancer	1.19E-02	2.68E-02	2.34E-05	4.71E-03	2.06E-06	1.66E-02	1.09E-01	1.19E-02	9.16E-08	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	1.09E-01
430	ALL	671460.8	4342163	NonCancer	1.03E-02	2.26E-02	1.93E-05	3.89E-03	1.71E-06	1.43E-02	9.03E-02	1.03E-02	7.86E-08	0.00E+00	0.00E+00	2.79E-03	0.00E+00	0.00E+00	9.03E-02
431	ALL	671451	4342187	NonCancer	9.88E-03	2.15E-02	1.83E-05	3.69E-03	1.62E-06	1.36E-02	8.57E-02	9.88E-03	7.15E-08	0.00E+00	0.00E+00	2.65E-03	0.00E+00	0.00E+00	8.57E-02
432	ALL	671510.7	4342220	NonCancer	7.85E-03	1.72E-02	1.46E-05	2.95E-03	1.29E-06	1.08E-02	6.85E-02	7.85E-03	5.43E-08	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	6.85E-02
433	ALL	671524.1	4342193	NonCancer	7.97E-03	1.75E-02	1.49E-05	3.01E-03	1.32E-06	1.10E-02	6.99E-02	7.97E-03	5.82E-08	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	6.99E-02
434	ALL	671522.9	4342251	NonCancer	7.11E-03	1.55E-02	1.32E-05	2.67E-03	1.17E-06	9.79E-03	6.20E-02	7.11E-03	4.67E-08	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	6.20E-02
435	ALL	671599.1	4342253	NonCancer	5.69E-03	1.25E-02	1.06E-05	2.14E-03	9.38E-07	7.85E-03	4.97E-02	5.69E-03	3.48E-08	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	4.97E-02
436	ALL	671627.8	4342257	NonCancer	5.19E-03	1.14E-02	9.66E-06	1.95E-03	8.55E-07	7.15E-03	4.53E-02	5.19E-03	2.91E-08	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	4.53E-02
437	ALL	671583.9	4342116	NonCancer	7.35E-03	1.62E-02	1.39E-05	2.81E-03	1.23E-06	1.02E-02	6.50E-02	7.35E-03	4.96E-08	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	6.50E-02
438	ALL	671595.5	4342072	NonCancer	7.71E-03	1.71E-02	1.47E-05	2.97E-03	1.30E-06	1.07E-02	6.86E-02	7.71E-03	5.30E-08	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	6.86E-02
439	ALL	671663.1	4342056	NonCancer	6.42E-03	1.42E-02	1.22E-05	2.47E-03	1.08E-06	8.90E-03	5.71E-02	6.42E-03	4.01E-08	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	5.71E-02
440	ALL	671600.9	4342030	NonCancer	8.62E-03	1.92E-02	1.66E-05	3.35E-03	1.47E-06	1.20E-02	7.74E-02	8.62E-03	6.37E-08	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	7.74E-02
441	ALL	671526.6	4342156	NonCancer	8.47E-03	1.86E-02	1.60E-05	3.22E-03	1.41E-06	1.17E-02	7.46E-02	8.47E-03	6.64E-08	0.00E+00	0.00E+00	2.31E-03	0.00E+00	0.00E+00	7.46E-02
442	ALL	671629	4342292	NonCancer	4.86E-03	1.06E-02	9.04E-06	1.83E-03	8.00E-07	6.70E-03	4.24E-02	4.86E-03	2.68E-08	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	4.24E-02
443	ALL	671641.8	4341981	NonCancer	8.47E-03	1.90E-02	1.66E-05	3.34E-03	1.46E-06	1.18E-02	7.70E-02	8.47E-03	5.75E-08	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	7.70E-02
444	ALL	671666.8	4342019	NonCancer	6.95E-03	1.55E-02	1.34E-05	2.70E-03	1.18E-06	9.66E-03	6.24E-02	6.95E-03	4.51E-08	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	6.24E-02
445	ALL	671407.1	4342220	NonCancer	1.00E-02	2.16E-02	1.81E-05	3.67E-03	1.61E-06	1.37E-02	8.53E-02	1.00E-02	8.60E-08	0.00E+00	0.00E+00	2.63E-03	0.00E+00	0.00E+00	8.53E-02
446	ALL	671415.6	4342183	NonCancer	1.11E-02	2.40E-02	2.02E-05	4.09E-03	1.79E-06	1.52E-02	9.49E-02	1.11E-02	9.03E-08	0.00E+00	0.00E+00	2.93E-03	0.00E+00	0.00E+00	9.49E-02
447	ALL	671635.1	4341706	NonCancer	2.25E-02	5.22E-02	4.66E-05	9.35E-03	4.08E-06	3.19E-02	2.15E-01	2.25E-02	3.27E-08	0.00E+00	0.00E+00	6.69E-03	0.00E+00	0.00E+00	2.15E-01
448	ALL	671693.6	4341710	NonCancer	1.53E-02	3.53E-02	3.14E-05	6.31E-03	2.75E-06	2.16E-02	1.45E-01	1.53E-02	2.86E-08	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	1.45E-01
449	ALL	671719.8	4341736	NonCancer	1.27E-02	2.94E-02	2.61E-05	5.24E-03	2.29E-06	1.80E-02	1.20E-01	1.27E-02	2.89E-08	0.00E+00	0.00E+00	3.76E-03	0.00E+00	0.00E+00	1.20E-01
450	ALL	671673.5	4341630	NonCancer	1.84E-02	4.25E-02	3.80E-05	7.62E-03	3.32E-06	2.60E-02	1.75E-01	1.84E-02	3.01E-08	0.00E+00	0.00E+00	5.46E-03	0.00E+00	0.00E+00	1.75E-01
451	ALL	671888	4341936	NonCancer	4.15E-03	9.31E-03	8.10E-06	1.63E-03	7.13E-07	5.79E-03	3.77E-02	4.15E-03	1.44E-08	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	3.77E-02
452	ALL	671977.6	4341952	NonCancer	3.01E-03	6.71E-03	5.81E-06	1.17E-03	5.12E-07	4.19E-03	2.71E-02	3.01E-03	8.56E-09	0.00E+00	0.00E+00	8.37E-04	0.00E+00	0.00E+00	2.71E-02
453	ALL	672039.2	4341895	NonCancer	2.58E-03	5.77E-03	5.01E-06	1.01E-03	4.41E-07	3.59E-03	2.34E-02	2.58E-03	6.08E-09	0.00E+00	0.00E+00	7.21E-04	0.00E+00	0.00E+00	2.34E-02
454	ALL	671858.2	4341754	NonCancer	6.73E-03	1.54E-02	1.36E-05	2.73E-03	1.19E-06	9.48E-03	6.28E-02	6.73E-03	1.68E-08	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	6.28E-02
455	ALL	671922.8	4341634	NonCancer	4.79E-03	1.10E-02	9.70E-06	1.95E-03	8.50E-07	6.75E-03	4.49E-02	4.79E-03	8.66E-09	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	4.49E-02
456	ALL	671613.7	4341791	NonCancer	1.98E-02	4.58E-02	4.08E-05	8.19E-03	3.57E-06	2.81E-02	1.88E-01	1.98E-02	5.28E-08	0.00E+00	0.00E+00	5.87E-03	0.00E+00	0.00E+00	1.88E-01
457	ALL	671853.3	4341731	NonCancer	6.99E-03	1.60E-02	1.42E-05	2.84E-03	1.24E-06	9.85E-03	6.54E-02	6.99E-03	1.65E-08	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	6.54E-02
458	ALL	671783.8	4341586	NonCancer	8.74E-03	2.01E-02	1.79E-05	3.59E-03	1.57E-06	1.23E-02	8.25E-02	8.74E-03	1.88E-08	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	8.25E-02
459	ALL	671783.2	4341547	NonCancer	7.69E-03	1.77E-02	1.57E-05	3.15E-03	1.38E-06	1.09E-02	7.25E-02	7.69E-03	1.69E-08	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	7.25E-02
460	ALL	671769.2	4341461	NonCancer	5.39E-03	1.23E-02	1.09E-05	2.19E-03	9.57E-07	7.60E-03	5.04E-02	5.39E-03	1.73E-08	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	5.04E-02
461	ALL	671800.9	4341421	NonCancer	3.90E-03	8.91E-03	7.86E-06	1.58E-03	6.89E-07	5.49E-03	3.63E-02	3.90E-03	1.23E-08	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	3.63E-02
462	ALL	671880.1	4341427	NonCancer	2.92E-03	6.66E-03	5.88E-06	1.18E-03	5.15E-07	4.11E-03	2.72E-02	2.92E-03	5.76E-09	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	2.72E-02
463	ALL	672012.4	4341505	NonCancer	2.31E-03	5.27E-03	4.64E-06	9.32E-04	4.07E-07	3.25E-03	2.15E-02	2.31E-03	3.07E-09	0.00E+00	0.00E+00	6.67E-04	0.00E+00	0.00E+00	2.15E-02
464	ALL	672084.3	4341548	NonCancer	2.25E-03	5.12E-03	4.50E-06	9.04E-04	3.95E-07	3.16E-03	2.09E-02	2.25E-03	3.31E-09	0.00E+00	0.00E+00	6.47E-04	0.00E+00	0.00E+00	2.09E-02
465	ALL	671915.5	4341478	NonCancer	3.19E-03	7.28E-03	6.43E-06	1.29E-03	5.64E-07	4.49E-03	2.98E-02	3.19E-03	5.00E-09	0.00E+00	0.00E+00	9.25E-04	0.00E+00	0.00E+00	2.98E-02
466	ALL	671903.3	4341564	NonCancer	4.55E-03	1.04E-02	9.23E-06	1.85E-03	8.09E-07	6.41E-03	4.27E-02	4.55E-03	7.47E-09	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	4.27E-02
467	ALL	671863.1	4341522	NonCancer	4.77E-03	1.09E-02	9.70E-06	1.95E-03	8.50E-07	6.73E-03	4.49E-02	4.77E-03	8.14E-09	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	4.49E-02
468	ALL	671830.1	4341336	NonCancer	2.44E-03	5.52E-03	4.84E-06	9.73E-04	4.25E-07	3.42E-03	2.24E-02	2.44E-03	9.34E-09	0.00E+00	0.00E+00	6.97E-04	0.00E+00	0.00E+00	2.24E-02
469	ALL	671835.6	4341288	NonCancer	2.05E-03	4.62E-03	4.04E-06	8.12E-04	3.55E-07	2.87E-03	1.87E-02	2.05E-03	8.14E-09	0.00E+00	0.00E+00	5.82E-04	0.00E+00	0.00E+00	1.87E-02
470	ALL	671825.9	4341275	NonCancer	2.05E-03	4.62E-03	4.04E-06	8.12E-04	3.55E-07	2.86E-03	1.87E-02	2.05E-03	8.16E-09	0.00E+00	0.00E+00	5.82E-04	0.00E+00	0.00E+00	1.87E-02
471	ALL	672136.7	4341371	NonCancer	1.11E-03	2.49E-03	2.18E-06	4.39E-04	1.92E-07	1.55E-03	1.02E-02	1.11E-03	1.58E-09	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	1.02E-02
472	ALL	671920.3	4341307	NonCancer	1.51E-03	3.40E-03	2.96E-06	5.96E-04	2.61E-07	2.11E-03	1.38E-02	1.51E-03	4.23E-09	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	1.38E-02
473	ALL	671695.4	4341257	NonCancer	2.09E-03	4.72E-03	4.12E-06	8.30E-04	3.63E-07	2.93E-03	1.92E-02	2.09E-03	1.05E-08	0.00E+00	0.00E+00	5.95E-04	0.00E+00	0.00E+00	1.92E-02
474	ALL	671682	4341176	NonCancer	1.45E-03	3.24E-03	2.80E-06	5.65E-04	2.47E-07	2.02E-03	1.31E-02	1.45E-03	6.02E-09	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	1.31E-02
475	ALL	671991.7	4341196	NonCancer	9.85E-04	2.19E-03	1.89E-06	3.80E-04	1.66E-07	1.37E-03	8.80E-03	9.85E-04	3.35E-09	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	8.80E-03
476	ALL	672022.1	4341232	NonCancer	1.00E-03	2.23E-03	1.93E-06	3.89E-04	1.70E-07	1.39E-03	9.00E-03	1.00E-03	2.72E-09	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	9.00E-03
477	ALL	671992.3	4341178	NonCancer	8.93E-04	1.98E-03	1.70E-06	3.43E-04	1.50E-07	1.24E-03	7.94E-03	8.93E-04	2.89E-09	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	7.94E-03
478	ALL	671540.6	4341238	NonCancer	1.48E-03	3.30E-03	2.85E-06	5.75E-04	2.51E-07	2.06E-03	1.33E-02	1.48E-03	7.27E-09	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	1.33E-02
479	ALL	671575.3	4341178	NonCancer	1.11E-03	2.46E-03	2.12E-06	4.27E-04	1.87E-07	1.54E-03	9.90E-03	1.11E-03	5.59E-09	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	9.90E-03
480	ALL	671454.7	4341196	NonCancer	1.21E-03	2.64E-03	2.25E-06	4.54E-04	1.99E-07	1.66E-03	1.06E-02	1.21E-03	9.73E-09	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	1.06E-02
481	ALL	671523.5	4341116	NonCancer	8.95E-04	1.96E-03	1.66E-06	3.36E-04	1.47E-07	1.23E-03	7.80E-03	8.95E-04	6.21E-09	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	7.80E-03
482	ALL	671413.2	4341127	NonCancer	9.29E-04	2.00E-03	1.67E-06	3.38E-04	1.48E-07	1.27E-03	7.88E-03	9.29E-04	9.30E-09	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	7.88E-03
483	ALL	671471.1	4341065	NonCancer	7.53E-04	1.62E-03	1.36E-06	2.74E-04	1.20E-07	1.03E-03	6.40E-03	7.53E-04	6.94E-09	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	6.40E-03
484	ALL	671601.6	4341051	NonCancer	9.24E-04	2.03E-03	1.74E-06	3.51E-04	1.54E-07	1.28E-03	8.14E-03	9.24E-04	4.57E-09	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	8.14E-03
485	ALL	671198.6	4341254	NonCancer	1.34E-03	2.88E-03	2.41E-06	4.89E-04	2.14E-07	1.83E-03	1.14E-02	1.34E-03	2.80E-08	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	1.14E-02
486	ALL	671278.5	4341212	NonCancer	1.13E-03	2.41E-03	2.00E-06	4.06E-04	1.78E-07	1.54E-03	9.46E-03	1.13E-03	1.44E-08	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	9.46E-03
487	ALL	671230.3	4341133	NonCancer	8.07E-04	1.69E-03	1.38E-06	2.81E-04	1.23E-07	1.09E-03	6.57E-03	8.07E-04	1.57E-08	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	6.57E-03
488	ALL	671073.1	4341272	NonCancer	1.70E-03	3.71E-03	3.15E-06	6.36E-04	2.79E-07	2.34E-03	1.48E-02	1.70E-03	3.05E-08	0.00E+00	0.00E+00	4.60E-04	0.00E+00	0.00E+00	1.48E-02
489	ALL	671122.5	4341374	NonCancer	2.82E-03	6.25E-03	5.37E-06	1.08E-03	4.74E-07	3.91E-03	2.51E-02	2.82E-03	4.08E-08	0.00E+00	0.00E+00	7.82E-04	0.00E+00	0.00E+00	2.51E-02
490	ALL	671118.8	4341397	NonCancer	3.17E-03	7.04E-03	6.07E-06	1.22E-03	5.36E-07	4.40E-03	2.84E-02	3.17E-03	4.40E-08	0.00E+00	0.00E+00	8.84E-04	0.00E+00	0.00E+00	2.84E-02
491	ALL	670978.4	4341324	NonCancer	2.17E-03	4.72E-03	4.00E-06	8.08E-04	3.54E-07	2.98E-03	1.88E-02	2.17E-03	4.16E-08	0.00E+00	0.00E+00	5.85E-04	0.00E+00	0.00E+00	1.88E-02
492	ALL	670932.9	4341394	NonCancer	2.42E-03	5.22E-03	4.37E-06	8.86E-04	3.89E-07	3.31E-03	2.06E-02	2.42E-03	4.37E-08	0.00E+00	0.00E+00	6.40E-04	0.00E+00	0.00E+00	2.06E-02
493	ALL	670935.2	4341367	NonCancer	2.35E-03	5.08E-03	4.27E-06	8.65E-04	3.79E-07	3.22E-03	2.01E-02	2.35E-03	4.32E-08	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	2.01E-02
494	ALL	671108	4340976	NonCancer	6.19E-04	1.26E-03	1.00E-06	2.05E-04	9.04E-08	8.25E-04	4.82E-03	6.19E-04	1.71E-08	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	4.82E-03

495	ALL	671286.7	4340979	NonCancer	5.73E-04	1.19E-03	9.58E-07	1.95E-04	8.59E-08	7.69E-04	4.58E-03	5.73E-04	7.34E-09	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	4.58E-03
496	ALL	671675.4	4342489	NonCancer	2.89E-03	6.28E-03	5.31E-06	1.07E-03	4.71E-07	3.97E-03	2.50E-02	2.89E-03	1.59E-08	0.00E+00	0.00E+00	7.67E-04	0.00E+00	0.00E+00	2.50E-02
497	ALL	671091.4	4342277	NonCancer	8.66E-03	1.57E-02	1.09E-05	2.28E-03	1.02E-06	1.10E-02	5.60E-02	8.66E-03	2.27E-07	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	5.60E-02
498	ALL	671051.8	4342332	NonCancer	6.86E-03	1.23E-02	8.33E-06	1.75E-03	7.83E-07	8.61E-03	4.31E-02	6.86E-03	1.65E-07	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	4.31E-02
499	ALL	671051.8	4342369	NonCancer	6.44E-03	1.16E-02	7.99E-06	1.67E-03	7.48E-07	8.12E-03	4.10E-02	6.44E-03	1.51E-07	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	4.10E-02
500	ALL	670953	4342361	NonCancer	5.12E-03	9.20E-03	6.26E-06	1.31E-03	5.87E-07	6.44E-03	3.23E-02	5.12E-03	1.19E-07	0.00E+00	0.00E+00	9.39E-04	0.00E+00	0.00E+00	3.23E-02
501	ALL	670695.7	4342236	NonCancer	2.75E-03	5.31E-03	3.98E-06	8.20E-04	3.63E-07	3.57E-03	1.99E-02	2.75E-03	5.97E-08	0.00E+00	0.00E+00	5.88E-04	0.00E+00	0.00E+00	1.99E-02
502	ALL	670545.5	4342319	NonCancer	1.92E-03	3.69E-03	2.76E-06	5.68E-04	2.52E-07	2.49E-03	1.38E-02	1.92E-03	3.00E-08	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	1.38E-02
503	ALL	670711.7	4342488	NonCancer	2.74E-03	4.93E-03	3.37E-06	7.06E-04	3.16E-07	3.45E-03	1.74E-02	2.74E-03	3.87E-08	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	1.74E-02
504	ALL	670648.3	4342502	NonCancer	2.28E-03	4.10E-03	2.80E-06	5.86E-04	2.63E-07	2.87E-03	1.44E-02	2.28E-03	2.93E-08	0.00E+00	0.00E+00	4.15E-04	0.00E+00	0.00E+00	1.44E-02
505	ALL	670648.3	4342631	NonCancer	1.95E-03	3.36E-03	2.15E-06	4.56E-04	2.06E-07	2.41E-03	1.14E-02	1.95E-03	1.99E-08	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	1.14E-02
506	ALL	670806.3	4342728	NonCancer	2.32E-03	4.18E-03	2.84E-06	5.96E-04	2.67E-07	2.92E-03	1.46E-02	2.32E-03	2.86E-08	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	1.46E-02
507	ALL	670688.2	4342739	NonCancer	1.80E-03	3.13E-03	2.03E-06	4.29E-04	1.94E-07	2.23E-03	1.07E-02	1.80E-03	1.77E-08	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	1.07E-02
508	ALL	670804.9	4342428	NonCancer	3.77E-03	6.85E-03	4.75E-06	9.92E-04	4.43E-07	4.76E-03	2.44E-02	3.77E-03	7.03E-08	0.00E+00	0.00E+00	7.07E-04	0.00E+00	0.00E+00	2.44E-02
509	ALL	670439.5	4342472	NonCancer	1.62E-03	3.04E-03	2.20E-06	4.56E-04	2.03E-07	2.08E-03	1.11E-02	1.62E-03	1.99E-08	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	1.11E-02
510	ALL	670358.4	4342579	NonCancer	1.44E-03	2.66E-03	1.89E-06	3.93E-04	1.75E-07	1.84E-03	9.60E-03	1.44E-03	1.59E-08	0.00E+00	0.00E+00	2.77E-04	0.00E+00	0.00E+00	9.60E-03
511	ALL	670546.6	4342662	NonCancer	1.82E-03	3.26E-03	2.20E-06	4.62E-04	2.07E-07	2.29E-03	1.14E-02	1.82E-03	2.13E-08	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	1.14E-02
512	ALL	670537	4342595	NonCancer	1.79E-03	3.22E-03	2.19E-06	4.59E-04	2.06E-07	2.25E-03	1.13E-02	1.79E-03	2.21E-08	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	1.13E-02
513	ALL	670483.5	4342777	NonCancer	1.58E-03	2.83E-03	1.91E-06	4.01E-04	1.80E-07	1.99E-03	9.85E-03	1.58E-03	1.75E-08	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	9.85E-03
514	ALL	670508.2	4342755	NonCancer	1.65E-03	2.94E-03	1.97E-06	4.14E-04	1.86E-07	2.07E-03	1.02E-02	1.65E-03	1.80E-08	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	1.02E-02
515	ALL	670517.8	4342869	NonCancer	1.56E-03	2.79E-03	1.88E-06	3.95E-04	1.77E-07	1.96E-03	9.71E-03	1.56E-03	1.61E-08	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	9.71E-03
516	ALL	670545.3	4342851	NonCancer	1.58E-03	2.79E-03	1.87E-06	3.92E-04	1.76E-07	1.97E-03	9.67E-03	1.58E-03	1.56E-08	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	9.67E-03
517	ALL	670582.4	4342878	NonCancer	1.60E-03	2.85E-03	1.92E-06	4.03E-04	1.81E-07	2.01E-03	9.91E-03	1.60E-03	1.60E-08	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	9.91E-03
518	ALL	670304.9	4342689	NonCancer	1.31E-03	2.41E-03	1.69E-06	3.52E-04	1.57E-07	1.67E-03	8.61E-03	1.31E-03	2.03E-08	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	8.61E-03
519	ALL	670039.7	4342661	NonCancer	8.68E-04	1.63E-03	1.17E-06	2.44E-04	1.08E-07	1.11E-03	5.92E-03	8.68E-04	1.06E-08	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	5.92E-03
520	ALL	670156.5	4342673	NonCancer	1.06E-03	1.95E-03	1.38E-06	2.88E-04	1.28E-07	1.35E-03	7.03E-03	1.06E-03	1.19E-08	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	7.03E-03
521	ALL	670236.2	4342649	NonCancer	1.21E-03	2.21E-03	1.55E-06	3.24E-04	1.44E-07	1.53E-03	7.93E-03	1.21E-03	1.31E-08	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	7.93E-03
522	ALL	670071.3	4342738	NonCancer	9.68E-04	1.77E-03	1.23E-06	2.57E-04	1.15E-07	1.23E-03	6.30E-03	9.68E-04	1.05E-08	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	6.30E-03
523	ALL	669990.2	4342753	NonCancer	8.57E-04	1.58E-03	1.11E-06	2.31E-04	1.03E-07	1.09E-03	5.66E-03	8.57E-04	9.64E-09	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	5.66E-03
524	ALL	669928.4	4342742	NonCancer	7.76E-04	1.44E-03	1.03E-06	2.14E-04	9.50E-08	9.90E-04	5.21E-03	7.76E-04	9.19E-09	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	5.21E-03
525	ALL	669815.8	4342673	NonCancer	6.72E-04	1.26E-03	9.06E-07	1.88E-04	8.35E-08	8.61E-04	4.57E-03	6.72E-04	8.68E-09	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	4.57E-03
526	ALL	669743	4342656	NonCancer	6.31E-04	1.18E-03	8.42E-07	1.75E-04	7.77E-08	8.07E-04	4.26E-03	6.31E-04	8.28E-09	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	4.26E-03
527	ALL	669791	4342745	NonCancer	6.75E-04	1.25E-03	8.86E-07	1.84E-04	8.20E-08	8.60E-04	4.50E-03	6.75E-04	8.27E-09	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	4.50E-03
528	ALL	669696.3	4342731	NonCancer	6.18E-04	1.14E-03	8.06E-07	1.68E-04	7.47E-08	7.86E-04	4.10E-03	6.18E-04	7.76E-09	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	4.10E-03
529	ALL	669536.9	4342553	NonCancer	4.82E-04	8.98E-04	6.43E-07	1.34E-04	5.94E-08	6.16E-04	3.25E-03	4.82E-04	6.70E-09	0.00E+00	0.00E+00	9.44E-05	0.00E+00	0.00E+00	3.25E-03
530	ALL	669228.6	4343290	NonCancer	3.92E-04	7.15E-04	4.99E-07	1.04E-04	4.65E-08	4.96E-04	2.71E-03	3.92E-04	6.63E-09	0.00E+00	0.00E+00	7.39E-05	0.00E+00	0.00E+00	2.71E-03
531	ALL	669170.4	4343325	NonCancer	3.73E-04	6.80E-04	4.73E-07	9.88E-05	4.41E-08	4.72E-04	2.57E-03	3.73E-04	1.38E-08	0.00E+00	0.00E+00	7.19E-05	0.00E+00	0.00E+00	2.57E-03
532	ALL	669284.8	4343340	NonCancer	4.10E-04	7.49E-04	5.22E-07	1.09E-04	4.86E-08	5.20E-04	2.75E-03	4.10E-04	6.01E-09	0.00E+00	0.00E+00	7.71E-05	0.00E+00	0.00E+00	2.75E-03
533	ALL	669324.1	4343251	NonCancer	4.22E-04	7.73E-04	5.41E-07	1.13E-04	5.03E-08	5.35E-04	2.90E-03	4.22E-04	5.31E-09	0.00E+00	0.00E+00	7.97E-05	0.00E+00	0.00E+00	2.90E-03
534	ALL	669359.8	4343290	NonCancer	4.38E-04	8.02E-04	5.60E-07	1.17E-04	5.22E-08	5.56E-04	2.92E-03	4.38E-04	5.16E-09	0.00E+00	0.00E+00	8.24E-05	0.00E+00	0.00E+00	2.92E-03
535	ALL	669370.4	4343387	NonCancer	4.38E-04	7.99E-04	5.56E-07	1.16E-04	5.18E-08	5.55E-04	2.88E-03	4.38E-04	5.31E-09	0.00E+00	0.00E+00	8.19E-05	0.00E+00	0.00E+00	2.88E-03
536	ALL	669423.9	4343410	NonCancer	4.57E-04	8.33E-04	5.79E-07	1.21E-04	5.40E-08	5.78E-04	2.99E-03	4.57E-04	5.04E-09	0.00E+00	0.00E+00	8.52E-05	0.00E+00	0.00E+00	2.99E-03
537	ALL	669488.1	4343420	NonCancer	4.79E-04	8.73E-04	6.06E-07	1.27E-04	5.66E-08	6.07E-04	3.12E-03	4.79E-04	4.93E-09	0.00E+00	0.00E+00	8.92E-05	0.00E+00	0.00E+00	3.12E-03
538	ALL	669649.9	4343378	NonCancer	5.75E-04	1.04E-03	7.23E-07	1.51E-04	6.75E-08	7.27E-04	3.71E-03	5.75E-04	5.03E-09	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	3.71E-03
539	ALL	669720.5	4343374	NonCancer	6.23E-04	1.13E-03	7.75E-07	1.62E-04	7.25E-08	7.86E-04	3.98E-03	6.23E-04	5.19E-09	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	3.98E-03
540	ALL	669770.4	4343323	NonCancer	6.56E-04	1.19E-03	8.16E-07	1.71E-04	7.64E-08	8.28E-04	4.20E-03	6.56E-04	5.47E-09	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	4.20E-03
541	ALL	669764	4343211	NonCancer	6.44E-04	1.18E-03	8.19E-07	1.71E-04	7.64E-08	8.16E-04	4.19E-03	6.44E-04	5.83E-09	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	4.19E-03
542	ALL	669764.7	4343112	NonCancer	6.45E-04	1.18E-03	8.30E-07	1.73E-04	7.72E-08	8.19E-04	4.24E-03	6.45E-04	6.24E-09	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	4.24E-03
543	ALL	669888.7	4343142	NonCancer	7.47E-04	1.36E-03	9.41E-07	1.97E-04	8.78E-08	9.45E-04	4.82E-03	7.47E-04	6.55E-09	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	4.82E-03
544	ALL	669888.7	4343250	NonCancer	7.36E-04	1.33E-03	9.21E-07	1.92E-04	8.61E-08	9.30E-04	4.73E-03	7.36E-04	6.04E-09	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	4.73E-03
545	ALL	669864.5	4343261	NonCancer	7.17E-04	1.30E-03	8.98E-07	1.88E-04	8.39E-08	9.05E-04	4.61E-03	7.17E-04	5.93E-09	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	4.61E-03
546	ALL	669088.8	4343481	NonCancer	3.55E-04	6.44E-04	4.45E-07	9.31E-05	4.16E-08	4.49E-04	2.37E-03	3.55E-04	1.87E-08	0.00E+00	0.00E+00	6.91E-05	0.00E+00	0.00E+00	2.37E-03
547	ALL	668973.4	4343427	NonCancer	3.27E-04	5.93E-04	4.10E-07	8.56E-05	3.82E-08	4.13E-04	2.24E-03	3.27E-04	2.93E-08	0.00E+00	0.00E+00	6.64E-05	0.00E+00	0.00E+00	2.24E-03
548	ALL	669006.2	4343427	NonCancer	3.34E-04	6.05E-04	4.19E-07	8.75E-05	3.91E-08	4.22E-04	2.29E-03	3.34E-04	4.35E-08	0.00E+00	0.00E+00	7.11E-05	0.00E+00	0.00E+00	2.29E-03
549	ALL	668940.6	4343516	NonCancer	3.27E-04	5.93E-04	4.09E-07	8.55E-05	3.82E-08	4.13E-04	2.19E-03	3.27E-04	1.00E-08	0.00E+00	0.00E+00	6.17E-05	0.00E+00	0.00E+00	2.19E-03
550	ALL	668922	4343557	NonCancer	3.27E-04	5.91E-04	4.07E-07	8.51E-05	3.80E-08	4.13E-04	2.17E-03	3.27E-04	7.39E-09	0.00E+00	0.00E+00	6.08E-05	0.00E+00	0.00E+00	2.17E-03
551	ALL	668475.6	4343142	NonCancer	2.64E-04	4.66E-04	3.10E-07	6.52E-05	2.92E-08	3.30E-04	1.64E-03	2.64E-04	4.76E-09	0.00E+00	0.00E+00	4.61E-05	0.00E+00	0.00E+00	1.64E-03
552	ALL	668572	4343208	NonCancer	2.72E-04	4.82E-04	3.24E-07	6.81E-05	3.05E-08	3.40E-04	1.73E-03	2.72E-04	5.35E-09	0.00E+00	0.00E+00	4.83E-05	0.00E+00	0.00E+00	1.73E-03
553	ALL	668567	4343041	NonCancer	2.82E-04	4.99E-04	3.33E-07	7.00E-05	3.14E-08	3.52E-04	1.77E-03	2.82E-04	4.99E-09	0.00E+00	0.00E+00	4.95E-05	0.00E+00	0.00E+00	1.77E-03
554	ALL	669299	4342841	NonCancer	4.24E-04	7.77E-04	5.46E-07	1.14E-04	5.07E-08	5.38E-04	2.81E-03	4.24E-04	5.47E-09	0.00E+00	0.00E+00	8.02E-05	0.00E+00	0.00E+00	2.81E-03
555	ALL	669377.8	4342728	NonCancer	4.45E-04	8.19E-04	5.77E-07	1.20E-04	5.35E-08	5.66E-04	2.95E-03	4.45E-04	5.86E-09	0.00E+00	0.00E+00	8.47E-05	0.00E+00	0.00E+00	2.95E-03
556	ALL	669384.5	4342770	NonCancer	4.47E-04	8.22E-04	5.80E-07	1.21E-04	5.37E-08	5.68E-04	2.96E-03	4.47E-04	5.83E-09	0.00E+00	0.00E+00	8.51E-05	0.00E+00	0.00E+00	2.96E-03
557	ALL	669341.7	4342653	NonCancer	4.32E-04	7.94E-04	5.59E-07	1.17E-04	5.19E-08	5.49E-04	2.85E-03	4.32E-04	5.82E-09	0.00E+00	0.00E+00	8.22E-05	0.00E+00	0.00E+00	2.85E-03
558	ALL	669307.3	4342655	NonCancer	4.21E-04	7.73E-04	5.44E-07	1.13E-04	5.04E-08	5.35E-04	2.77E-03	4.21E-04	5.70E-09	0.00E+00	0.00E+00	7.99E-05	0.00E+00	0.00E+00	2.77E-03
559	ALL	670048.3	4342946	NonCancer	9.18E-04	1.67E-03	1.16E-06	2.41E-04	1.08E-07	1.16E-03	5.91E-03	9.18E-04	1.34E-08	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	5.91E-03
560	ALL	670299.6	4342854	NonCancer	1.22E-03	2.19E-03	1.49E-06	3.12E-04	1.40E-07	1.54E-03	7.67E-03	1.22E-03	1.49E-08	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	7.67E-03
561	ALL	670426.4	4342917	NonCancer	1.44E-03	2.61E-03	1.79E-06	3.74E-04	1.68E-07	1.82E-03	9.16E-03	1.44E-03	1.59E-08	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	9.16E-03
562	ALL	671174.9	4342280	NonCancer	1.03E-02	1.94E-02	1.42E-05	2.94E-03	1.31E-06	1.32E-02	7.07E-02	1.03E-02	2.78E-07	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	7.07E-02
563	ALL	671068.4	4342170	NonCancer	9.50E-03	1.85E-02	1.39E-05	2.87E-03	1.27E-06	1.24E-02	7.36E-02	9.50E-03	3.51E-07	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	7.36E-02
564	ALL	670965.7	4342179	NonCancer	6.33E-03	1.23E-02	9.33E-06	1.92E-03	8.50E-07	8.26E-03	4.78E-02	6.33E-03	2.27E-07	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	4.78E-02
565	ALL	670815.5	4342198	NonCancer	3.66E-03	7.22E-03	5.55E-06	1.14E-03	5.03E-07	4.80E-03	2.76E-02	3.66E-03	9.86E-08	0.00E+00	0.00E+00	8.23E-04	0.00E+00	0.00E+00	2.76E-02
566	ALL	670737.6	4342098	NonCancer	2.80E-03	5.64E-03	4.42E-06	9.04E-04	3.99E-07	3.71E-03	2.17E-02	2.80E-03	8.17E-08	0.00E+00	0.00E+00	6.56E-04	0.00E+00	0.00E+00	2.17E-02
567	ALL	670762.3	4342069	NonCancer	3.07E-03	6.12E-03	4.76E-06	9.75E-04	4.31E-07	4.05E-03	2.35E-02	3.07E-03	9.04E-08	0.00E+00	0.00E+00	7.08E-04	0.00E+00	0.00E+00	2.35E-02
568	ALL	670817.4	4342041	NonCancer	3.73E-03	7.40E-03	5.71E-06	1.17E-03	5.17E-07	4.90E-03	2.83E-02	3.73E-03	1.19E-07	0.00E+00	0.00E+00	8.52E-04	0.00E+00	0.00E+00	2.83E-02
569	ALL	670895.4	4342025	NonCancer	5.18E-03	1.01E-02	7.67E-06	1.58E-03	6.98E-07	6.76E-03	3.85E-02	5.18E-03	1.83E-07	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	3.85E-02
570	ALL	670979	4341915	NonCancer	6.92E-03	1.40E-02	1.10E-05	2.24E-03	9.88E-07	9.17E-03	5.38E-02	6.92E-03	2.36E-07	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	5.38E-02
571	ALL	671115.9	4341864	NonCancer	1.51E-02	3.23E-02	2.69E-05	5.44E-03	2.38E-06	2.06E-02	1.27E-01	1.51E-02	8.98E-07	0.00E+00	0.00E+00	4.06E-03	0.00E+00	0.00E+00	1.27E-01
572	ALL	671199.6	4341771	NonCancer	3.51E-02	8.05E-02	7.14E-05	1.43E-02	6.25E-06	4.95E-02	3.31E-01	3.51E-02	7.72E-07	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	3.31E-01
573	ALL	671222.4	4341377	NonCancer	3.41E-03	7.61E-03	6.60E-06	1.33E-03	5.81E-07	4.74E-03	3.07E-02	3.41E-03	4.23E-08	0.00E+00	0.00E+00	9.58E-04	0.00E+00	0.00E+00	3.07E-02
574	ALL	671714.8	4341392	NonCancer	4.33E-03	9.89E-03	8.73E-06	1.75E-03	7.66E-07	6.10E-03	4.03E-02	4.33E-03	1.64E-08	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	4.03E-02
575	ALL	671366.9	4341999	NonCancer	3.49E-02	7.68E-02	6.56E-05	1.33E-02	5.79E-06	4.83E-02	3.03E-01	3.49E-02	8.08E-07	0.00E+00	0.00E+00	9.61E-03	0.00E+00	0.00E+00	3.03E-01
576	ALL	671226.2	4342236	NonCancer	1.24E-02	2.44E-02	1.86E-05	3.82E-03	1.68E-06	1.63E-02	9.02E-02	1.24E-02	3.48E-07	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	9.02E-02
577	ALL	669098.4	4343412	NonCancer	3.54E-04	6.42E-04	4.45E-07	9.29E-05	4.15E-08	4.47E-04	2.41E-03	3.54E-04	7.63E-08	0.00E+00	0.00E+00	8.28E-05	0.00E+00	0.00E+00	2.41E-03
578	ALL	668908.6	4343365	NonCancer	3.12E-04	5.64E-04	3.89E-07	8.14E-05	3.63E-08	3.94E-04	2.20E-03	3.12E-04	1.76E-08	0.00E+00	0.00E+00	6.06E-05	0.00E+00	0.00E+00	2.20E-03
579	ALL	668851.5	4343360	NonCancer	3.01E-04	5.44E-04	3.74E-07	7.83E-05	3.50E-08	3.80E-04	2.11E-03	3.01E-04	1.13E-08	0.00E+00	0.00E+00	5.70E-05	0.00E+00	0.00E+00	2.11E-03
580	ALL	668831.4	4343371	NonCancer	2.98E-04	5.37E-04	3.69E-07	7.72E-05	3.45E-08	3.75E-04	2.05E-03	2.98E-04	1.01E-08	0.00E+00	0.00E+00	5.59E-05	0.00E+00	0.00E+00	2.05E-03
581	ALL	668733.9	4343302	NonCancer	2.85E-04	5.12E-04	3.50E-07	7.33E-05	3.28E-08	3.59E-04	1.97E-03	2.85E-04	6.69E-09	0.00E+00	0.00E+00	5.23E-05	0.00E+00	0.00E+00	1.97E-03
582	ALL	668686.9	4343200	NonCancer	2.86E-04	5.10E-04	3.45E-07	7.25E-05	3.24E-08	3.58E-04	1.96E-03	2.86E-04	6.96E-09	0.00E+00	0.00E+00	5.18E-05	0.00E+00	0.00E+00	1.96E-03
583	ALL	668671.8	4343089	NonCancer	2.90E-04	5.16E-04	3.47E-07	7.29E-05	3.26E-08	3.63E-04	1.95E-03	2.90E-04	6.66E-09	0.00E+00	0.00E+00	5.19E-05	0.00E+00	0.00E+00	1.95E-03
584	ALL	668806.2	4343002	NonCancer	3.12E-04	5.57E-04	3.76E-07	7.90E-05	3.53E-08	3.91E-04	2.09E-03	3.12E-04	6.23E-09	0.00E+00	0.00E+00	5.61E-05	0.00E+00	0.00E+00	2.09E-03
585	ALL	668918.7	4343025	NonCancer	3.31E-04	5.95E-04	4.06E-07	8.51E-05	3.80E-08	4.17E-04	2.29E-03	3.31E-04	5.81E-09	0.00E+00	0.00E+00	6.02E-05	0.00E+00	0.00E+00	2.29E-03
586	ALL	669024.5	4342943	NonCancer	3.54E-04	6.39E-04	4.38E-07	9.17E-05	4.10E-08	4.46E-04	2.40E-03	3.54E-04	5.18E-09	0.00E+00	0.00E+00	6.47E-05	0.00E+00	0.00E+00	2.40E-03
587	ALL	669288.2	4342916	NonCancer	4.17E-04	7.64E-04	5.36E-07	1.12E-04	4.98E-08	5.29E-04	2.83E-03	4.17E-04	5.33E-09	0.00E+00	0.00E+00	7.88E-05	0.00E+00	0.00E+00	2.83E-03
588	ALL	669333.6	4342923	NonCancer	4.29E-04	7.89E-04	5.55E-07	1.16E-04	5.15E-08	5.45E-04	2.89E-03	4.29E-04	5.44E-09	0.00E+00	0.00E+00	8.15E-05	0.00E+00	0.00E+00	2.89E-03
589	ALL	669365.5	4342978	NonCancer	4.35E-04	8.02E-04	5.66E-07	1.18E-04	5.25E-08	5.53E-04	3.00E-03	4.35E-04	5.43E-09	0.00E+00	0.00E+00	8.31E-05	0.00E+00	0.00E+00	3.00E-03
590	ALL	669337	4343151	NonCancer	4.22E-04	7.76E-04	5.46E-07	1.14E-04	5.07E-08	5.37E-04	2.94E-03	4.22E-04	5.24E-09	0.00E+00	0.00E+00	8.02E-05	0.00E+00	0.00E+00	2.94E-03
591	ALL	669303.4	4343304	NonCancer	4.16E-04	7.61E-04	5.31E-07	1.11E-04	4.94E-08	5.28E-04	2.82E-03	4.16E-04	5.59E-09	0.00E+00	0.00E+00	7.83E-05	0.00E+00	0.00E+00	2.82E-03
592	ALL	669222.7	4343235	NonCancer	3.88E-04	7.10E-04	4.96E-07	1.04E-04	4.62E-08	4.92E-04	2.77E-03	3.88E-04	6.27E-09	0.00E+00	0.00E+00	7.33E-05	0.00E+00	0.00E+00	2.77E-03
593	ALL	669135.4	4343306	NonCancer	3.62E-04	6.60E-04	4.59E-07	9.58E-05	4.28E-08	4.59E-04	2.60E-03	3.62E-04	3.24E-08	0.00E+00	0.00E+00	7.42E-05	0.00E+00	0.00E+00	2.60E-03

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISI	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		668148.8	4340781	2.05E-09	13.25YrCar	1.92E-09	9.21E-11	3.67E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		668370.1	4340781	2.35E-09	13.25YrCar	2.20E-09	1.09E-10	4.33E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		668591.4	4340781	2.66E-09	13.25YrCar	2.49E-09	1.25E-10	5.00E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		668812.7	4340781	2.96E-09	13.25YrCar	2.76E-09	1.40E-10	5.57E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		669034	4340781	3.38E-09	13.25YrCar	3.15E-09	1.62E-10	6.45E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		669255.3	4340781	3.91E-09	13.25YrCar	3.64E-09	1.90E-10	7.58E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		669476.7	4340781	4.23E-09	13.25YrCar	3.94E-09	2.03E-10	8.08E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		669698	4340781	4.69E-09	13.25YrCar	4.38E-09	2.24E-10	8.92E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		669919.3	4340781	5.25E-09	13.25YrCar	4.94E-09	2.23E-10	8.89E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		670140.6	4340781	5.78E-09	13.25YrCar	5.52E-09	1.91E-10	7.58E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		670361.9	4340781	5.54E-09	13.25YrCar	5.33E-09	1.48E-10	5.91E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		670583.2	4340781	4.20E-09	13.25YrCar	4.05E-09	1.08E-10	4.29E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		670804.5	4340781	3.35E-09	13.25YrCar	3.22E-09	8.97E-11	3.57E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		671025.8	4340781	2.65E-09	13.25YrCar	2.54E-09	7.61E-11	3.03E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		671247.1	4340781	2.00E-09	13.25YrCar	1.91E-09	5.95E-11	2.37E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		671468.4	4340781	1.86E-09	13.25YrCar	1.78E-09	5.64E-11	2.25E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		671689.8	4340781	1.50E-09	13.25YrCar	1.44E-09	4.27E-11	1.70E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		671911.1	4340781	1.23E-09	13.25YrCar	1.18E-09	3.75E-11	1.50E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		672132.4	4340781	8.65E-10	13.25YrCar	8.26E-10	2.79E-11	1.11E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		672353.7	4340781	1.01E-09	13.25YrCar	9.72E-10	3.01E-11	1.20E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		672575	4340781	9.67E-10	13.25YrCar	9.28E-10	2.81E-11	1.12E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		668148.8	4340946	1.92E-09	13.25YrCar	1.81E-09	8.40E-11	3.34E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		668370.1	4340946	2.18E-09	13.25YrCar	2.05E-09	9.79E-11	3.89E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		668591.4	4340946	2.48E-09	13.25YrCar	2.32E-09	1.14E-10	4.53E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		668812.7	4340946	2.81E-09	13.25YrCar	2.63E-09	1.31E-10	5.22E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		669034	4340946	3.33E-09	13.25YrCar	3.10E-09	1.60E-10	6.38E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		669255.3	4340946	3.86E-09	13.25YrCar	3.60E-09	1.88E-10	7.47E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		669476.7	4340946	4.30E-09	13.25YrCar	4.01E-09	2.08E-10	8.27E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		669698	4340946	5.28E-09	13.25YrCar	4.92E-09	2.56E-10	1.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		669919.3	4340946	6.69E-09	13.25YrCar	6.30E-09	2.76E-10	1.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		670140.6	4340946	6.72E-09	13.25YrCar	6.36E-09	2.55E-10	1.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		670361.9	4340946	6.96E-09	13.25YrCar	6.67E-09	2.04E-10	8.11E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		670583.2	4340946	6.32E-09	13.25YrCar	6.12E-09	1.45E-10	5.77E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		670804.5	4340946	4.60E-09	13.25YrCar	4.45E-09	1.12E-10	4.44E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		671025.8	4340946	3.33E-09	13.25YrCar	3.20E-09	8.99E-11	3.58E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		671247.1	4340946	2.32E-09	13.25YrCar	2.23E-09	6.75E-11	2.69E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		671468.4	4340946	1.95E-09	13.25YrCar	1.87E-09	5.79E-11	2.31E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		671689.8	4340946	1.86E-09	13.25YrCar	1.79E-09	5.01E-11	2.00E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		671911.1	4340946	1.61E-09	13.25YrCar	1.55E-09	4.58E-11	1.83E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		672132.4	4340946	9.18E-10	13.25YrCar	8.77E-10	2.99E-11	1.19E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		672353.7	4340946	9.69E-10	13.25YrCar	9.28E-10	2.93E-11	1.17E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		672575	4340946	1.03E-09	13.25YrCar	9.88E-10	2.97E-11	1.18E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		668148.8	4341111	1.83E-09	13.25YrCar	1.72E-09	7.78E-11	3.09E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		668370.1	4341111	2.04E-09	13.25YrCar	1.92E-09	8.84E-11	3.52E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		668591.4	4341111	2.33E-09	13.25YrCar	2.18E-09	1.04E-10	4.15E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		668812.7	4341111	2.66E-09	13.25YrCar	2.49E-09	1.22E-10	4.87E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		669034	4341111	3.12E-09	13.25YrCar	2.92E-09	1.47E-10	5.86E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		669255.3	4341111	3.58E-09	13.25YrCar	3.35E-09	1.70E-10	6.77E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		669476.7	4341111	4.32E-09	13.25YrCar	4.03E-09	2.10E-10	8.36E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		669698	4341111	5.46E-09	13.25YrCar	5.08E-09	2.69E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		669919.3	4341111	6.32E-09	13.25YrCar	5.89E-09	3.10E-10	1.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		670140.6	4341111	8.21E-09	13.25YrCar	7.75E-09	3.36E-10	1.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		670361.9	4341111	8.54E-09	13.25YrCar	8.13E-09	2.99E-10	1.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		670583.2	4341111	8.12E-09	13.25YrCar	7.83E-09	2.09E-10	8.33E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		670804.5	4341111	5.75E-09	13.25YrCar	5.56E-09	1.36E-10	5.42E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		671025.8	4341111	3.96E-09	13.25YrCar	3.82E-09	1.02E-10	4.06E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		671247.1	4341111	3.21E-09	13.25YrCar	3.09E-09	8.63E-11	3.44E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		671468.4	4341111	2.45E-09	13.25YrCar	2.36E-09	6.68E-11	2.66E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		671689.8	4341111	2.54E-09	13.25YrCar	2.45E-09	6.42E-11	2.56E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		671911.1	4341111	2.01E-09	13.25YrCar	1.93E-09	5.31E-11	2.11E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		672132.4	4341111	1.04E-09	13.25YrCar	9.98E-10	3.21E-11	1.28E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		672353.7	4341111	8.70E-10	13.25YrCar	8.31E-10	2.74E-11	1.09E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		672575	4341111	1.10E-09	13.25YrCar	1.06E-09	3.19E-11	1.27E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		668148.8	4341276	1.76E-09	13.25YrCar	1.65E-09	7.27E-11	2.89E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL		668370.1	4341276	1.94E-09	13.25YrCar	1.83E-09	8.20E-11	3.26E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL		668591.4	4341276	2.18E-09	13.25YrCar	2.05E-09	9.50E-11	3.78E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL		668812.7	4341276	2.52E-09	13.25YrCar	2.36E-09	1.14E-10	4.55E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		669034	4341276	3.14E-09	13.25YrCar	2.93E-09	1.48E-10	5.89E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		669255.3	4341276	3.54E-09	13.25YrCar	3.30E-09	1.69E-10	6.74E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		669476.7	4341276	4.13E-09	13.25YrCar	3.85E-09	1.98E-10	7.87E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL		669698	4341276	5.16E-09	13.25YrCar	4.80E-09	2.53E-10	1.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL		669919.3	4341276	7.26E-09	13.25YrCar	6.80E-09	3.26E-10	1.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		670140.6	4341276	9.46E-09	13.25YrCar	8.88E-09	4.17E-10	1.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL		670361.9	4341276	1.03E-08	13.25YrCar	9.68E-09	4.25E-10	1.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL		670583.2	4341276	9.24E-09	13.25YrCar	8.82E-09	3.02E-10	1.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL		670804.5	4341276	8.30E-09	13.25YrCar	8.05E-09	1.81E-10	7.21E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		671025.8	4341276	5.47E-09	13.25YrCar	5.29E-09	1.27E-10	5.07E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL		671247.1	4341276	5.12E-09	13.25YrCar	4.95E-09	1.19E-10	4.75E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL		671468.4	4341276	4.76E-09	13.25YrCar	4.62E-09	9.89E-11	3.94E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL		671689.8	4341276	3.75E-09	13.25YrCar	3.64E-09	8.33E-11	3.31E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		671911.1	4341276	2.72E-09	13.25YrCar	2.63E-09	6.50E-11	2.59E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		672132.4	4341276	1.28E-09	13.25YrCar	1.23E-09	3.75E-11	1.50E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		672353.7	4341276	9.49E-10	13.25YrCar	9.09E-10	2.91E-11	1.16E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL		672575	4341276	1.30E-09	13.25YrCar	1.25E-09	3.68E-11	1.47E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		668148.8	4341441	1.71E-09	13.25YrCar	1.61E-09	6.88E-11	2.74E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL		668370.1	4341441	1.87E-09	13.25YrCar	1.76E-09	7.67E-11	3.05E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL		668591.4	4341441	2.06E-09	13.25YrCar	1.94E-09	8.70E-11	3.46E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL		668812.7	4341441	2.38E-09	13.25YrCar	2.24E-09	1.06E-10	4.20E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL		669034	4341441	2.89E-09	13.25YrCar	2.70E-09	1.32E-10	5.24E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL		669255.3	4341441	3.15E-09	13.25YrCar	2.95E-09	1.44E-10	5.71E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

91	ALL	669476.7	4341441	3.82E-09	13.25YrCar	3.57E-09	1.79E-10	7.13E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	669698	4341441	4.94E-09	13.25YrCar	4.60E-09	2.39E-10	9.50E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	669919.3	4341441	6.95E-09	13.25YrCar	6.51E-09	3.15E-10	1.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	670140.6	4341441	9.35E-09	13.25YrCar	8.74E-09	4.37E-10	1.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	670361.9	4341441	1.21E-08	13.25YrCar	1.13E-08	5.64E-10	2.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	670583.2	4341441	1.19E-08	13.25YrCar	1.12E-08	4.99E-10	1.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	670804.5	4341441	1.27E-08	13.25YrCar	1.23E-08	3.15E-10	1.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	671025.8	4341441	9.34E-09	13.25YrCar	9.08E-09	1.92E-10	7.64E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	671689.8	4341441	9.46E-09	13.25YrCar	9.28E-09	1.29E-10	5.15E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	671911.1	4341441	3.40E-09	13.25YrCar	3.29E-09	7.38E-11	2.94E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	672132.4	4341441	1.72E-09	13.25YrCar	1.66E-09	4.74E-11	1.89E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	672353.7	4341441	1.49E-09	13.25YrCar	1.42E-09	4.35E-11	1.73E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	672575	4341441	2.21E-09	13.25YrCar	2.14E-09	5.04E-11	2.01E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	668148.8	4341606	1.70E-09	13.25YrCar	1.60E-09	6.74E-11	2.68E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	668370.1	4341606	1.83E-09	13.25YrCar	1.72E-09	7.43E-11	2.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	668591.4	4341606	2.00E-09	13.25YrCar	1.89E-09	8.34E-11	3.32E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	668812.7	4341606	2.24E-09	13.25YrCar	2.10E-09	9.53E-11	3.79E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	669034	4341606	2.51E-09	13.25YrCar	2.36E-09	1.08E-10	4.29E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	669255.3	4341606	2.88E-09	13.25YrCar	2.71E-09	1.25E-10	4.99E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	669476.7	4341606	3.48E-09	13.25YrCar	3.26E-09	1.56E-10	6.19E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	669698	4341606	4.29E-09	13.25YrCar	4.02E-09	1.96E-10	7.78E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	669919.3	4341606	5.78E-09	13.25YrCar	5.42E-09	2.58E-10	1.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	670140.6	4341606	8.20E-09	13.25YrCar	7.66E-09	3.85E-10	1.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	670361.9	4341606	1.15E-08	13.25YrCar	1.07E-08	5.74E-10	2.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	670583.2	4341606	1.59E-08	13.25YrCar	1.48E-08	7.81E-10	3.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	670804.5	4341606	1.98E-08	13.25YrCar	1.88E-08	6.82E-10	2.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	671025.8	4341606	2.10E-08	13.25YrCar	2.05E-08	3.43E-10	1.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	671689.8	4341606	1.79E-08	13.25YrCar	1.76E-08	1.79E-10	7.11E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	671911.1	4341606	5.14E-09	13.25YrCar	5.00E-09	9.85E-11	3.92E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	672132.4	4341606	2.74E-09	13.25YrCar	2.64E-09	6.98E-11	2.78E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	672353.7	4341606	1.94E-09	13.25YrCar	1.86E-09	5.39E-11	2.15E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	672575	4341606	2.51E-09	13.25YrCar	2.43E-09	6.04E-11	2.41E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	668148.8	4341771	1.71E-09	13.25YrCar	1.61E-09	6.52E-11	2.59E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	668370.1	4341771	1.82E-09	13.25YrCar	1.71E-09	7.21E-11	2.87E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	668591.4	4341771	1.95E-09	13.25YrCar	1.85E-09	7.75E-11	3.08E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	668812.7	4341771	2.14E-09	13.25YrCar	2.02E-09	8.68E-11	3.45E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	669034	4341771	2.40E-09	13.25YrCar	2.26E-09	9.95E-11	3.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	669255.3	4341771	2.88E-09	13.25YrCar	2.71E-09	1.22E-10	4.86E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	669476.7	4341771	3.16E-09	13.25YrCar	2.98E-09	1.32E-10	5.23E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	669698	4341771	3.63E-09	13.25YrCar	3.43E-09	1.49E-10	5.92E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	669919.3	4341771	4.65E-09	13.25YrCar	4.37E-09	1.97E-10	7.82E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	670140.6	4341771	6.15E-09	13.25YrCar	5.77E-09	2.74E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	670361.9	4341771	8.32E-09	13.25YrCar	7.75E-09	4.05E-10	1.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	670583.2	4341771	1.66E-08	13.25YrCar	1.54E-08	8.38E-10	3.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	670804.5	4341771	2.80E-08	13.25YrCar	2.63E-08	1.20E-09	4.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	671025.8	4341771	3.87E-08	13.25YrCar	3.75E-08	8.12E-10	3.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	671689.8	4341771	1.54E-08	13.25YrCar	1.51E-08	1.91E-10	7.59E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	671911.1	4341771	6.56E-09	13.25YrCar	6.37E-09	1.35E-10	5.36E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	672132.4	4341771	2.96E-09	13.25YrCar	2.85E-09	7.93E-11	3.16E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	672353.7	4341771	1.90E-09	13.25YrCar	1.82E-09	5.58E-11	2.22E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	672575	4341771	2.72E-09	13.25YrCar	2.63E-09	6.72E-11	2.68E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	668148.8	4341936	1.73E-09	13.25YrCar	1.64E-09	6.42E-11	2.55E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	668370.1	4341936	1.86E-09	13.25YrCar	1.76E-09	6.98E-11	2.78E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	668591.4	4341936	1.96E-09	13.25YrCar	1.86E-09	7.58E-11	3.01E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	668812.7	4341936	2.13E-09	13.25YrCar	2.01E-09	8.48E-11	3.37E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	669034	4341936	2.40E-09	13.25YrCar	2.27E-09	9.81E-11	3.90E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	669255.3	4341936	2.71E-09	13.25YrCar	2.56E-09	1.07E-10	4.24E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	669476.7	4341936	2.89E-09	13.25YrCar	2.73E-09	1.13E-10	4.50E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	669698	4341936	3.38E-09	13.25YrCar	3.19E-09	1.36E-10	5.40E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	669919.3	4341936	3.75E-09	13.25YrCar	3.53E-09	1.57E-10	6.25E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	670140.6	4341936	4.64E-09	13.25YrCar	4.36E-09	1.99E-10	7.91E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	670361.9	4341936	6.35E-09	13.25YrCar	5.97E-09	2.73E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	670583.2	4341936	1.15E-08	13.25YrCar	1.08E-08	4.75E-10	1.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	670804.5	4341936	2.54E-08	13.25YrCar	2.39E-08	1.06E-09	4.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	671468.4	4341936	5.87E-08	13.25YrCar	5.79E-08	5.61E-10	2.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	671689.8	4341936	1.45E-08	13.25YrCar	1.41E-08	2.71E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	671911.1	4341936	6.59E-09	13.25YrCar	6.36E-09	1.66E-10	6.60E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	672132.4	4341936	3.23E-09	13.25YrCar	3.09E-09	9.69E-11	3.86E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	672353.7	4341936	2.01E-09	13.25YrCar	1.92E-09	6.43E-11	2.56E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	672575	4341936	2.15E-09	13.25YrCar	2.06E-09	6.29E-11	2.50E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	668148.8	4342101	1.85E-09	13.25YrCar	1.76E-09	6.72E-11	2.67E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	668370.1	4342101	1.95E-09	13.25YrCar	1.85E-09	7.22E-11	2.87E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	668591.4	4342101	2.05E-09	13.25YrCar	1.94E-09	7.86E-11	3.12E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	668812.7	4342101	2.20E-09	13.25YrCar	2.08E-09	8.55E-11	3.40E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	669034	4342101	2.54E-09	13.25YrCar	2.40E-09	9.98E-11	3.97E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	669255.3	4342101	2.83E-09	13.25YrCar	2.67E-09	1.10E-10	4.38E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	669476.7	4342101	2.93E-09	13.25YrCar	2.78E-09	1.09E-10	4.32E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	669698	4342101	3.38E-09	13.25YrCar	3.21E-09	1.25E-10	4.98E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	669919.3	4342101	4.05E-09	13.25YrCar	3.84E-09	1.51E-10	6.00E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	670140.6	4342101	4.89E-09	13.25YrCar	4.63E-09	1.86E-10	7.40E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	670361.9	4342101	6.68E-09	13.25YrCar	6.34E-09	2.42E-10	9.60E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	670583.2	4342101	1.01E-08	13.25YrCar	9.64E-09	3.62E-10	1.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	671468.4	4342101	3.02E-08	13.25YrCar	2.93E-08	6.91E-10	2.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	671689.8	4342101	1.18E-08	13.25YrCar	1.14E-08	3.15E-10	1.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	671911.1	4342101	6.21E-09	13.25YrCar	5.96E-09	1.83E-10	7.31E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	672132.4	4342101	3.50E-09	13.25YrCar	3.35E-09	1.12E-10	4.45E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	672353.7	4342101	2.18E-09	13.25YrCar	2.07E-09	7.32E-11	2.92E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	672575	4342101	2.11E-09	13.25YrCar	2.02E-09	6.51E-11	2.59E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	668148.8	4342266	2.02E-09	13.25YrCar	1.92E-09	7.26E-11	2.89E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	668370.1	4342266	2.12E-09	13.25YrCar	2.02E-09	7.80E-11	3.10E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	668591.4	4342266	2.24E-09	13.25YrCar	2.13E-09	8.29E-11	3.30E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

182	ALL	668812.7	4342266	2.38E-09	13.25YrCar	2.26E-09	8.96E-11	3.56E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	669034	4342266	2.55E-09	13.25YrCar	2.42E-09	9.69E-11	3.85E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	669255.3	4342266	2.79E-09	13.25YrCar	2.64E-09	1.09E-10	4.33E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	669476.7	4342266	3.16E-09	13.25YrCar	2.98E-09	1.26E-10	4.99E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	669698	4342266	3.84E-09	13.25YrCar	3.62E-09	1.56E-10	6.18E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	669919.3	4342266	4.49E-09	13.25YrCar	4.24E-09	1.83E-10	7.28E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	670140.6	4342266	5.39E-09	13.25YrCar	5.10E-09	2.08E-10	8.23E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	670361.9	4342266	7.30E-09	13.25YrCar	6.90E-09	2.84E-10	1.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	670583.2	4342266	1.09E-08	13.25YrCar	1.04E-08	4.23E-10	1.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	670804.5	4342266	2.03E-08	13.25YrCar	1.92E-08	7.54E-10	2.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	671025.8	4342266	5.25E-08	13.25YrCar	4.97E-08	2.03E-09	8.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	671247.1	4342266	6.40E-08	13.25YrCar	6.13E-08	1.97E-09	7.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	671468.4	4342266	2.27E-08	13.25YrCar	2.19E-08	5.68E-10	2.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	671689.8	4342266	9.97E-09	13.25YrCar	9.56E-09	2.93E-10	1.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	671911.1	4342266	5.36E-09	13.25YrCar	5.11E-09	1.75E-10	6.98E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	672132.4	4342266	3.57E-09	13.25YrCar	3.41E-09	1.18E-10	4.70E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	672353.7	4342266	2.45E-09	13.25YrCar	2.34E-09	8.14E-11	3.24E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	672575	4342266	2.78E-09	13.25YrCar	2.68E-09	7.76E-11	3.09E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	668148.8	4342431	2.13E-09	13.25YrCar	2.02E-09	7.71E-11	3.07E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	668370.1	4342431	2.38E-09	13.25YrCar	2.26E-09	8.65E-11	3.44E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	668591.4	4342431	2.54E-09	13.25YrCar	2.41E-09	9.35E-11	3.72E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	668812.7	4342431	2.76E-09	13.25YrCar	2.62E-09	1.03E-10	4.08E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	669034	4342431	2.99E-09	13.25YrCar	2.83E-09	1.12E-10	4.44E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	669255.3	4342431	3.16E-09	13.25YrCar	2.99E-09	1.19E-10	4.73E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	669476.7	4342431	3.39E-09	13.25YrCar	3.21E-09	1.29E-10	5.12E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	669698	4342431	3.86E-09	13.25YrCar	3.66E-09	1.48E-10	5.88E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	669919.3	4342431	4.69E-09	13.25YrCar	4.43E-09	1.86E-10	7.40E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	670140.6	4342431	5.89E-09	13.25YrCar	5.56E-09	2.38E-10	9.45E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	670361.9	4342431	7.89E-09	13.25YrCar	7.45E-09	3.16E-10	1.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	670583.2	4342431	1.25E-08	13.25YrCar	1.18E-08	4.94E-10	1.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	670804.5	4342431	2.41E-08	13.25YrCar	2.26E-08	1.02E-09	4.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	671025.8	4342431	6.23E-08	13.25YrCar	5.92E-08	2.23E-09	8.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	671247.1	4342431	3.06E-08	13.25YrCar	2.90E-08	1.10E-09	4.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	671468.4	4342431	1.58E-08	13.25YrCar	1.52E-08	4.40E-10	1.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	671689.8	4342431	8.15E-09	13.25YrCar	7.82E-09	2.35E-10	9.37E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	671911.1	4342431	4.56E-09	13.25YrCar	4.35E-09	1.50E-10	5.97E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	672132.4	4342431	3.23E-09	13.25YrCar	3.08E-09	1.08E-10	4.31E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	672353.7	4342431	3.31E-09	13.25YrCar	3.18E-09	9.28E-11	3.70E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	672575	4342431	2.71E-09	13.25YrCar	2.60E-09	7.82E-11	3.11E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	668148.8	4342596	2.39E-09	13.25YrCar	2.27E-09	8.63E-11	3.43E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	668370.1	4342596	2.67E-09	13.25YrCar	2.54E-09	9.67E-11	3.84E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	668591.4	4342596	2.95E-09	13.25YrCar	2.80E-09	1.08E-10	4.28E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	668812.7	4342596	3.17E-09	13.25YrCar	3.01E-09	1.17E-10	4.67E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	669034	4342596	3.44E-09	13.25YrCar	3.26E-09	1.28E-10	5.10E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	669255.3	4342596	3.60E-09	13.25YrCar	3.41E-09	1.36E-10	5.41E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	669476.7	4342596	3.95E-09	13.25YrCar	3.73E-09	1.52E-10	6.03E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	669698	4342596	4.36E-09	13.25YrCar	4.12E-09	1.72E-10	6.83E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	669919.3	4342596	5.08E-09	13.25YrCar	4.80E-09	2.00E-10	7.93E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	670140.6	4342596	6.59E-09	13.25YrCar	6.22E-09	2.64E-10	1.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	670361.9	4342596	9.51E-09	13.25YrCar	8.94E-09	4.05E-10	1.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	670583.2	4342596	1.37E-08	13.25YrCar	1.29E-08	5.67E-10	2.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	670804.5	4342596	2.31E-08	13.25YrCar	2.18E-08	9.13E-10	3.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	671025.8	4342596	4.07E-08	13.25YrCar	3.86E-08	1.45E-09	5.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	671247.1	4342596	2.15E-08	13.25YrCar	2.04E-08	8.02E-10	3.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	671468.4	4342596	1.10E-08	13.25YrCar	1.05E-08	3.49E-10	1.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	671689.8	4342596	6.28E-09	13.25YrCar	6.03E-09	1.81E-10	7.20E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	671911.1	4342596	3.72E-09	13.25YrCar	3.55E-09	1.20E-10	4.79E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	672132.4	4342596	2.70E-09	13.25YrCar	2.57E-09	9.25E-11	3.68E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	672353.7	4342596	2.64E-09	13.25YrCar	2.53E-09	8.09E-11	3.22E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	672575	4342596	2.49E-09	13.25YrCar	2.39E-09	7.23E-11	2.88E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	668148.8	4342761	2.89E-09	13.25YrCar	2.75E-09	1.03E-10	4.09E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	668370.1	4342761	3.24E-09	13.25YrCar	3.08E-09	1.15E-10	4.58E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	668591.4	4342761	3.37E-09	13.25YrCar	3.20E-09	1.22E-10	4.85E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	668812.7	4342761	3.66E-09	13.25YrCar	3.47E-09	1.34E-10	5.33E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	669034	4342761	3.77E-09	13.25YrCar	3.57E-09	1.41E-10	5.61E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	669255.3	4342761	3.99E-09	13.25YrCar	3.78E-09	1.51E-10	6.01E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	669476.7	4342761	4.45E-09	13.25YrCar	4.22E-09	1.68E-10	6.68E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	669698	4342761	4.88E-09	13.25YrCar	4.60E-09	1.96E-10	7.77E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	669919.3	4342761	5.96E-09	13.25YrCar	5.62E-09	2.39E-10	9.47E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	670140.6	4342761	7.64E-09	13.25YrCar	7.23E-09	2.98E-10	1.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	670361.9	4342761	1.09E-08	13.25YrCar	1.03E-08	4.34E-10	1.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	670583.2	4342761	1.41E-08	13.25YrCar	1.33E-08	5.72E-10	2.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	670804.5	4342761	3.05E-08	13.25YrCar	2.90E-08	1.08E-09	4.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	671025.8	4342761	2.13E-08	13.25YrCar	2.02E-08	7.92E-10	3.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	671247.1	4342761	1.33E-08	13.25YrCar	1.26E-08	5.15E-10	2.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	671468.4	4342761	8.38E-09	13.25YrCar	7.97E-09	2.92E-10	1.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	671689.8	4342761	5.42E-09	13.25YrCar	5.19E-09	1.63E-10	6.48E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	671911.1	4342761	3.17E-09	13.25YrCar	3.03E-09	9.91E-11	3.95E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	672132.4	4342761	2.34E-09	13.25YrCar	2.23E-09	7.95E-11	3.17E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	672353.7	4342761	2.15E-09	13.25YrCar	2.05E-09	7.06E-11	2.81E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	672575	4342761	1.96E-09	13.25YrCar	1.88E-09	5.88E-11	2.34E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	668148.8	4342926	3.61E-09	13.25YrCar	3.43E-09	1.26E-10	4.99E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	668370.1	4342926	3.95E-09	13.25YrCar	3.76E-09	1.38E-10	5.49E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	668591.4	4342926	4.05E-09	13.25YrCar	3.85E-09	1.44E-10	5.73E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	668812.7	4342926	4.41E-09	13.25YrCar	4.19E-09	1.58E-10	6.26E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	669034	4342926	4.66E-09	13.25YrCar	4.42E-09	1.68E-10	6.66E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	669476.7	4342926	5.19E-09	13.25YrCar	4.93E-09	1.90E-10	7.53E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	669698	4342926	6.15E-09	13.25YrCar	5.82E-09	2.38E-10	9.47E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	669919.3	4342926	6.64E-09	13.25YrCar	6.28E-09	2.59E-10	1.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	670140.6	4342926	8.16E-09	13.25YrCar	7.71E-09	3.20E-10	1.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	670361.9	4342926	1.10E-08	13.25YrCar	1.04E-08	4.31E-10	1.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

273	ALL	670583.2	4342926	2.67E-08	13.25YrCar	2.54E-08	9.28E-10	3.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	670804.5	4342926	2.22E-08	13.25YrCar	2.11E-08	7.99E-10	3.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	671025.8	4342926	1.22E-08	13.25YrCar	1.15E-08	4.74E-10	1.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	671247.1	4342926	9.69E-09	13.25YrCar	9.16E-09	3.79E-10	1.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	671468.4	4342926	6.26E-09	13.25YrCar	5.94E-09	2.28E-10	9.08E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	671689.8	4342926	4.39E-09	13.25YrCar	4.19E-09	1.39E-10	5.55E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	671911.1	4342926	2.79E-09	13.25YrCar	2.67E-09	8.79E-11	3.50E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	672132.4	4342926	1.86E-09	13.25YrCar	1.77E-09	6.20E-11	2.47E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	672353.7	4342926	1.69E-09	13.25YrCar	1.61E-09	5.80E-11	2.31E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	672575	4342926	1.52E-09	13.25YrCar	1.45E-09	5.05E-11	2.01E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	668148.8	4343090	4.21E-09	13.25YrCar	4.01E-09	1.45E-10	5.75E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	668370.1	4343090	5.47E-09	13.25YrCar	5.21E-09	1.84E-10	7.30E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	668591.4	4343090	5.07E-09	13.25YrCar	4.83E-09	1.74E-10	6.91E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	669476.7	4343090	7.57E-09	13.25YrCar	7.21E-09	2.60E-10	1.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	669698	4343090	8.53E-09	13.25YrCar	8.12E-09	3.00E-10	1.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	669919.3	4343090	9.84E-09	13.25YrCar	9.34E-09	3.62E-10	1.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	670140.6	4343090	1.02E-08	13.25YrCar	9.69E-09	3.96E-10	1.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	670361.9	4343090	2.20E-08	13.25YrCar	2.09E-08	7.69E-10	3.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	670583.2	4343090	1.97E-08	13.25YrCar	1.88E-08	7.00E-10	2.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	670804.5	4343090	1.31E-08	13.25YrCar	1.24E-08	4.98E-10	1.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	671025.8	4343090	8.74E-09	13.25YrCar	8.26E-09	3.44E-10	1.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	671247.1	4343090	7.25E-09	13.25YrCar	6.85E-09	2.86E-10	1.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	671468.4	4343090	5.02E-09	13.25YrCar	4.76E-09	1.88E-10	7.48E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	671689.8	4343090	3.58E-09	13.25YrCar	3.41E-09	1.20E-10	4.77E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	671911.1	4343090	2.42E-09	13.25YrCar	2.32E-09	7.82E-11	3.12E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	672132.4	4343090	1.70E-09	13.25YrCar	1.62E-09	5.62E-11	2.24E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	672353.7	4343090	1.21E-09	13.25YrCar	1.15E-09	4.18E-11	1.66E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	672575	4343090	1.10E-09	13.25YrCar	1.05E-09	3.92E-11	1.56E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	668148.8	4343255	6.54E-09	13.25YrCar	6.24E-09	2.13E-10	8.48E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	668370.1	4343255	1.39E-08	13.25YrCar	1.32E-08	4.32E-10	1.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	668591.4	4343255	8.66E-09	13.25YrCar	8.27E-09	2.79E-10	1.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	669476.7	4343255	1.24E-08	13.25YrCar	1.18E-08	4.07E-10	1.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	669698	4343255	2.80E-08	13.25YrCar	2.67E-08	8.80E-10	3.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	669919.3	4343255	2.84E-08	13.25YrCar	2.71E-08	9.11E-10	3.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	670140.6	4343255	3.00E-08	13.25YrCar	2.87E-08	9.74E-10	3.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	670361.9	4343255	1.91E-08	13.25YrCar	1.82E-08	6.53E-10	2.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	670583.2	4343255	1.18E-08	13.25YrCar	1.12E-08	4.35E-10	1.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	670804.5	4343255	9.84E-09	13.25YrCar	9.31E-09	3.84E-10	1.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	671025.8	4343255	6.75E-09	13.25YrCar	6.38E-09	2.68E-10	1.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	671247.1	4343255	5.53E-09	13.25YrCar	5.22E-09	2.19E-10	8.70E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	671468.4	4343255	4.22E-09	13.25YrCar	4.00E-09	1.60E-10	6.39E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	671689.8	4343255	2.98E-09	13.25YrCar	2.83E-09	1.04E-10	4.14E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	671911.1	4343255	2.10E-09	13.25YrCar	2.00E-09	7.02E-11	2.80E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	672132.4	4343255	1.52E-09	13.25YrCar	1.44E-09	5.07E-11	2.02E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	672353.7	4343255	1.14E-09	13.25YrCar	1.08E-09	3.89E-11	1.55E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	672575	4343255	8.50E-10	13.25YrCar	8.08E-10	3.00E-11	1.19E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	668148.8	4343420	4.72E-09	13.25YrCar	4.50E-09	1.58E-10	6.29E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	668370.1	4343420	1.48E-08	13.25YrCar	1.41E-08	4.57E-10	1.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	668591.4	4343420	3.38E-08	13.25YrCar	3.24E-08	1.03E-09	4.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	668812.7	4343420	3.29E-08	13.25YrCar	3.15E-08	1.00E-09	3.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	669034	4343420	2.97E-08	13.25YrCar	2.84E-08	9.08E-10	3.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	669255.3	4343420	1.64E-08	13.25YrCar	1.57E-08	5.18E-10	2.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	669476.7	4343420	2.09E-08	13.25YrCar	1.99E-08	6.58E-10	2.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	669698	4343420	1.28E-08	13.25YrCar	1.22E-08	4.32E-10	1.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	669919.3	4343420	1.37E-08	13.25YrCar	1.30E-08	4.66E-10	1.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	670140.6	4343420	1.14E-08	13.25YrCar	1.09E-08	4.04E-10	1.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	670361.9	4343420	9.83E-09	13.25YrCar	9.32E-09	3.61E-10	1.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	670583.2	4343420	8.40E-09	13.25YrCar	7.96E-09	3.19E-10	1.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	670804.5	4343420	7.54E-09	13.25YrCar	7.13E-09	2.97E-10	1.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	671025.8	4343420	6.10E-09	13.25YrCar	5.76E-09	2.37E-10	9.45E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	671247.1	4343420	4.89E-09	13.25YrCar	4.63E-09	1.93E-10	7.67E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	671468.4	4343420	3.47E-09	13.25YrCar	3.29E-09	1.33E-10	5.30E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	671689.8	4343420	2.58E-09	13.25YrCar	2.45E-09	9.28E-11	3.70E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	671911.1	4343420	1.86E-09	13.25YrCar	1.77E-09	6.41E-11	2.55E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	672132.4	4343420	1.35E-09	13.25YrCar	1.28E-09	4.59E-11	1.83E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	672353.7	4343420	1.01E-09	13.25YrCar	9.63E-10	3.48E-11	1.39E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	672575	4343420	7.88E-10	13.25YrCar	7.49E-10	2.76E-11	1.10E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	668148.8	4343585	3.09E-09	13.25YrCar	2.93E-09	1.09E-10	4.35E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	668370.1	4343585	5.12E-09	13.25YrCar	4.88E-09	1.71E-10	6.77E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	668591.4	4343585	8.56E-09	13.25YrCar	8.18E-09	2.74E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	668812.7	4343585	8.37E-09	13.25YrCar	7.99E-09	2.71E-10	1.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	669034	4343585	8.91E-09	13.25YrCar	8.50E-09	2.92E-10	1.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	669255.3	4343585	8.13E-09	13.25YrCar	7.75E-09	2.74E-10	1.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	669476.7	4343585	8.47E-09	13.25YrCar	8.07E-09	2.91E-10	1.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	669698	4343585	8.10E-09	13.25YrCar	7.70E-09	2.86E-10	1.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	669919.3	4343585	7.90E-09	13.25YrCar	7.50E-09	2.86E-10	1.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	670140.6	4343585	7.58E-09	13.25YrCar	7.18E-09	2.81E-10	1.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	670361.9	4343585	7.05E-09	13.25YrCar	6.68E-09	2.67E-10	1.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	670583.2	4343585	6.56E-09	13.25YrCar	6.20E-09	2.52E-10	1.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	670804.5	4343585	6.14E-09	13.25YrCar	5.81E-09	2.38E-10	9.45E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	671025.8	4343585	5.54E-09	13.25YrCar	5.24E-09	2.14E-10	8.54E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	671247.1	4343585	4.11E-09	13.25YrCar	3.88E-09	1.61E-10	6.42E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	671468.4	4343585	3.15E-09	13.25YrCar	2.98E-09	1.22E-10	4.84E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	671689.8	4343585	2.43E-09	13.25YrCar	2.31E-09	9.00E-11	3.59E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	671911.1	4343585	1.75E-09	13.25YrCar	1.66E-09	6.18E-11	2.46E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	672132.4	4343585	1.29E-09	13.25YrCar	1.23E-09	4.50E-11	1.79E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	672353.7	4343585	9.51E-10	13.25YrCar	9.05E-10	3.31E-11	1.32E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	672575	4343585	7.49E-10	13.25YrCar	7.12E-10	2.62E-11	1.04E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	668148.8	4343750	3.02E-09	13.25YrCar	2.87E-09	1.07E-10	4.24E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	668370.1	4343750	3.63E-09	13.25YrCar	3.45E-09	1.27E-10	5.06E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	668591.4	4343750	4.63E-09	13.25YrCar	4.41E-09	1.59E-10	6.30E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

364	ALL	668812.7	4343750	5.43E-09	13.25YrCar	5.17E-09	1.85E-10	7.35E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	669034	4343750	5.27E-09	13.25YrCar	5.01E-09	1.88E-10	7.46E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	669255.3	4343750	5.59E-09	13.25YrCar	5.30E-09	2.02E-10	8.02E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	669476.7	4343750	5.83E-09	13.25YrCar	5.53E-09	2.12E-10	8.43E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	669698	4343750	5.97E-09	13.25YrCar	5.66E-09	2.20E-10	8.77E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	669919.3	4343750	5.97E-09	13.25YrCar	5.65E-09	2.24E-10	8.91E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	670140.6	4343750	5.81E-09	13.25YrCar	5.50E-09	2.22E-10	8.82E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	670361.9	4343750	5.63E-09	13.25YrCar	5.33E-09	2.18E-10	8.67E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	670583.2	4343750	5.31E-09	13.25YrCar	5.02E-09	2.06E-10	8.19E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	670804.5	4343750	5.00E-09	13.25YrCar	4.73E-09	1.93E-10	7.67E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	671025.8	4343750	4.65E-09	13.25YrCar	4.41E-09	1.77E-10	7.05E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	671247.1	4343750	3.99E-09	13.25YrCar	3.78E-09	1.50E-10	5.99E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	671468.4	4343750	3.36E-09	13.25YrCar	3.19E-09	1.25E-10	4.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	671689.8	4343750	2.71E-09	13.25YrCar	2.57E-09	9.91E-11	3.95E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	671911.1	4343750	1.95E-09	13.25YrCar	1.85E-09	7.07E-11	2.82E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	672132.4	4343750	1.35E-09	13.25YrCar	1.28E-09	4.78E-11	1.90E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	672353.7	4343750	9.43E-10	13.25YrCar	8.96E-10	3.31E-11	1.32E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	672575	4343750	7.42E-10	13.25YrCar	7.06E-10	2.61E-11	1.04E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	668148.8	4343915	2.95E-09	13.25YrCar	2.80E-09	1.04E-10	4.14E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	668370.1	4343915	3.24E-09	13.25YrCar	3.08E-09	1.16E-10	4.61E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	668591.4	4343915	3.60E-09	13.25YrCar	3.42E-09	1.31E-10	5.19E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	668812.7	4343915	4.08E-09	13.25YrCar	3.88E-09	1.48E-10	5.88E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	669034	4343915	4.33E-09	13.25YrCar	4.11E-09	1.61E-10	6.42E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	669255.3	4343915	4.54E-09	13.25YrCar	4.30E-09	1.73E-10	6.87E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	669476.7	4343915	4.67E-09	13.25YrCar	4.42E-09	1.78E-10	7.10E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	669698	4343915	4.75E-09	13.25YrCar	4.49E-09	1.82E-10	7.23E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	669919.3	4343915	4.82E-09	13.25YrCar	4.56E-09	1.86E-10	7.38E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	670140.6	4343915	4.74E-09	13.25YrCar	4.48E-09	1.85E-10	7.35E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	670361.9	4343915	4.62E-09	13.25YrCar	4.36E-09	1.81E-10	7.19E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	670583.2	4343915	4.46E-09	13.25YrCar	4.21E-09	1.74E-10	6.94E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	670804.5	4343915	4.25E-09	13.25YrCar	4.02E-09	1.65E-10	6.56E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	671025.8	4343915	3.98E-09	13.25YrCar	3.77E-09	1.53E-10	6.08E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	671247.1	4343915	3.56E-09	13.25YrCar	3.37E-09	1.33E-10	5.30E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	671468.4	4343915	2.87E-09	13.25YrCar	2.72E-09	1.08E-10	4.31E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	671689.8	4343915	2.22E-09	13.25YrCar	2.11E-09	8.29E-11	3.30E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	671911.1	4343915	1.73E-09	13.25YrCar	1.64E-09	6.41E-11	2.55E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	672132.4	4343915	1.39E-09	13.25YrCar	1.32E-09	5.04E-11	2.01E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	672353.7	4343915	1.05E-09	13.25YrCar	9.98E-10	3.72E-11	1.48E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	672575	4343915	7.95E-10	13.25YrCar	7.56E-10	2.82E-11	1.12E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	668148.8	4344080	2.59E-09	13.25YrCar	2.46E-09	9.45E-11	3.76E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	668370.1	4344080	2.98E-09	13.25YrCar	2.82E-09	1.08E-10	4.31E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	668591.4	4344080	3.24E-09	13.25YrCar	3.07E-09	1.20E-10	4.78E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	668812.7	4344080	3.51E-09	13.25YrCar	3.32E-09	1.33E-10	5.28E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	669034	4344080	3.76E-09	13.25YrCar	3.56E-09	1.45E-10	5.77E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	669255.3	4344080	3.93E-09	13.25YrCar	3.71E-09	1.54E-10	6.15E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	669476.7	4344080	3.97E-09	13.25YrCar	3.75E-09	1.55E-10	6.15E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	669698	4344080	4.01E-09	13.25YrCar	3.79E-09	1.57E-10	6.25E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	669919.3	4344080	4.02E-09	13.25YrCar	3.80E-09	1.58E-10	6.31E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	670140.6	4344080	4.03E-09	13.25YrCar	3.81E-09	1.62E-10	6.45E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	670361.9	4344080	3.90E-09	13.25YrCar	3.69E-09	1.54E-10	6.12E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	670583.2	4344080	3.80E-09	13.25YrCar	3.59E-09	1.49E-10	5.95E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	670804.5	4344080	3.67E-09	13.25YrCar	3.47E-09	1.44E-10	5.74E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	671025.8	4344080	3.17E-09	13.25YrCar	2.99E-09	1.24E-10	4.93E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	671247.1	4344080	3.10E-09	13.25YrCar	2.94E-09	1.17E-10	4.65E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	671468.4	4344080	2.72E-09	13.25YrCar	2.58E-09	1.01E-10	4.00E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	671689.8	4344080	1.90E-09	13.25YrCar	1.80E-09	7.19E-11	2.86E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	671911.1	4344080	1.41E-09	13.25YrCar	1.34E-09	5.25E-11	2.09E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	672132.4	4344080	1.09E-09	13.25YrCar	1.03E-09	3.97E-11	1.58E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	672353.7	4344080	8.91E-10	13.25YrCar	8.47E-10	3.20E-11	1.28E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	672575	4344080	7.01E-10	13.25YrCar	6.66E-10	2.50E-11	9.97E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	671464.7	4342094	3.16E-08	13.25YrCar	3.06E-08	7.14E-10	2.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	671482.2	4342064	3.15E-08	13.25YrCar	3.06E-08	6.69E-10	2.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	671498.6	4342030	3.18E-08	13.25YrCar	3.09E-08	6.09E-10	2.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	671513.8	4341992	3.29E-08	13.25YrCar	3.22E-08	5.38E-10	2.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	671541.8	4341965	2.97E-08	13.25YrCar	2.91E-08	4.49E-10	1.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	671575.6	4341974	2.32E-08	13.25YrCar	2.27E-08	3.99E-10	1.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	671460.8	4342163	2.73E-08	13.25YrCar	2.64E-08	6.60E-10	2.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	671451	4342187	2.73E-08	13.25YrCar	2.64E-08	6.69E-10	2.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	671510.7	4342220	2.01E-08	13.25YrCar	1.94E-08	5.10E-10	2.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	671524.1	4342193	1.94E-08	13.25YrCar	1.87E-08	4.94E-10	1.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	671522.9	4342251	1.84E-08	13.25YrCar	1.78E-08	4.70E-10	1.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	671599.1	4342253	1.37E-08	13.25YrCar	1.32E-08	3.76E-10	1.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	671627.8	4342257	1.23E-08	13.25YrCar	1.18E-08	3.45E-10	1.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	671583.9	4342116	1.60E-08	13.25YrCar	1.55E-08	4.10E-10	1.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	671595.5	4342072	1.64E-08	13.25YrCar	1.59E-08	3.98E-10	1.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	671663.1	4342056	1.35E-08	13.25YrCar	1.30E-08	3.32E-10	1.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	671600.9	4342030	1.79E-08	13.25YrCar	1.73E-08	3.92E-10	1.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	671526.6	4342156	1.98E-08	13.25YrCar	1.91E-08	4.98E-10	1.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	671629	4342292	1.18E-08	13.25YrCar	1.14E-08	3.28E-10	1.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	671641.8	4341981	1.65E-08	13.25YrCar	1.60E-08	3.28E-10	1.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	671666.8	4342019	1.41E-08	13.25YrCar	1.37E-08	3.22E-10	1.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	671407.1	4342220	3.18E-08	13.25YrCar	3.07E-08	7.94E-10	3.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	671415.6	4342183	3.36E-08	13.25YrCar	3.25E-08	8.18E-10	3.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	671635.1	4341706	2.38E-08	13.25YrCar	2.35E-08	1.84E-10	7.34E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	671693.6	4341710	1.71E-08	13.25YrCar	1.69E-08	1.72E-10	6.84E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	671719.8	4341736	1.54E-08	13.25YrCar	1.51E-08	1.76E-10	6.99E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	671673.5	4341630	2.12E-08	13.25YrCar	2.09E-08	1.66E-10	6.61E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	671888	4341936	7.17E-09	13.25YrCar	6.93E-09	1.76E-10	6.99E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	671977.6	4341952	5.25E-09	13.25YrCar	5.05E-09	1.43E-10	5.68E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	672039.2	4341895	4.17E-09	13.25YrCar	4.01E-09	1.13E-10	4.51E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	671858.2	4341754	9.89E-09	13.25YrCar	9.68E-09	1.53E-10	6.08E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

455	ALL	671922.8	4341634	5.21E-09	13.25YrCar	5.06E-09	1.03E-10	4.11E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	671613.7	4341791	2.50E-08	13.25YrCar	2.47E-08	2.24E-10	8.93E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	671853.3	4341731	9.96E-09	13.25YrCar	9.75E-09	1.46E-10	5.83E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	671783.8	4341586	1.09E-08	13.25YrCar	1.07E-08	1.32E-10	5.24E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	671783.2	4341547	9.84E-09	13.25YrCar	9.67E-09	1.23E-10	4.88E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	671769.2	4341461	8.09E-09	13.25YrCar	7.93E-09	1.15E-10	4.57E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	671800.9	4341421	6.44E-09	13.25YrCar	6.30E-09	9.95E-11	3.96E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	671880.1	4341427	3.75E-09	13.25YrCar	3.64E-09	7.81E-11	3.11E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	672012.4	4341505	2.53E-09	13.25YrCar	2.44E-09	6.24E-11	2.49E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	672084.3	4341548	2.60E-09	13.25YrCar	2.51E-09	6.55E-11	2.61E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	671915.5	4341478	3.60E-09	13.25YrCar	3.49E-09	7.67E-11	3.05E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	671903.3	4341564	4.77E-09	13.25YrCar	4.64E-09	9.22E-11	3.67E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	671863.1	4341522	5.24E-09	13.25YrCar	5.11E-09	9.47E-11	3.77E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	671830.1	4341336	4.36E-09	13.25YrCar	4.24E-09	8.48E-11	3.38E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	671835.6	4341288	3.68E-09	13.25YrCar	3.57E-09	7.93E-11	3.16E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	671825.9	4341275	3.65E-09	13.25YrCar	3.54E-09	7.89E-11	3.14E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	672136.7	4341371	1.42E-09	13.25YrCar	1.36E-09	4.05E-11	1.61E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	671920.3	4341307	2.65E-09	13.25YrCar	2.56E-09	6.40E-11	2.55E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	671695.4	4341257	3.51E-09	13.25YrCar	3.40E-09	8.01E-11	3.19E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	671682	4341176	2.79E-09	13.25YrCar	2.69E-09	6.90E-11	2.75E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	671991.7	4341196	2.12E-09	13.25YrCar	2.04E-09	5.42E-11	2.16E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	672022.1	4341232	1.96E-09	13.25YrCar	1.89E-09	5.11E-11	2.04E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	671992.3	4341178	1.95E-09	13.25YrCar	1.88E-09	5.17E-11	2.06E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	671540.6	4341238	3.04E-09	13.25YrCar	2.94E-09	7.41E-11	2.95E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	671575.3	4341178	2.39E-09	13.25YrCar	2.31E-09	6.31E-11	2.51E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	671454.7	4341196	3.23E-09	13.25YrCar	3.12E-09	8.05E-11	3.21E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	671523.5	4341116	2.28E-09	13.25YrCar	2.19E-09	6.15E-11	2.45E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	671413.2	4341127	2.93E-09	13.25YrCar	2.82E-09	7.88E-11	3.14E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	671471.1	4341065	2.28E-09	13.25YrCar	2.19E-09	6.36E-11	2.53E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	671601.6	4341051	2.23E-09	13.25YrCar	2.15E-09	5.81E-11	2.31E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	671198.6	4341254	4.62E-09	13.25YrCar	4.47E-09	1.10E-10	4.37E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	671278.5	4341212	4.08E-09	13.25YrCar	3.94E-09	1.04E-10	4.13E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	671230.3	4341133	3.30E-09	13.25YrCar	3.18E-09	8.76E-11	3.49E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	671073.1	4341272	5.14E-09	13.25YrCar	4.97E-09	1.18E-10	4.70E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	671122.5	4341374	7.22E-09	13.25YrCar	7.01E-09	1.51E-10	6.00E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	671118.8	4341397	7.88E-09	13.25YrCar	7.66E-09	1.61E-10	6.40E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	670978.4	4341324	6.91E-09	13.25YrCar	6.70E-09	1.54E-10	6.15E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	670932.9	4341394	9.54E-09	13.25YrCar	9.26E-09	1.95E-10	7.79E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	670935.2	4341367	8.68E-09	13.25YrCar	8.43E-09	1.83E-10	7.27E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	671108	4340976	2.98E-09	13.25YrCar	2.86E-09	8.30E-11	3.31E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL	671286.7	4340979	2.37E-09	13.25YrCar	2.27E-09	6.90E-11	2.75E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	671675.4	4342489	7.75E-09	13.25YrCar	7.44E-09	2.20E-10	8.77E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	671091.4	4342277	7.67E-08	13.25YrCar	7.28E-08	2.76E-09	1.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	671051.8	4342332	5.57E-08	13.25YrCar	5.27E-08	2.15E-09	8.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	671051.8	4342369	5.90E-08	13.25YrCar	5.60E-08	2.19E-09	8.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	670953	4342361	3.69E-08	13.25YrCar	3.48E-08	1.50E-09	5.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	670695.7	4342236	1.50E-08	13.25YrCar	1.42E-08	5.72E-10	2.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	670545.5	4342319	1.06E-08	13.25YrCar	9.98E-09	4.19E-10	1.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	670711.7	4342488	1.87E-08	13.25YrCar	1.76E-08	7.76E-10	3.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	670648.3	4342502	1.56E-08	13.25YrCar	1.47E-08	6.46E-10	2.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	670648.3	4342631	1.43E-08	13.25YrCar	1.34E-08	6.17E-10	2.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	670806.3	4342728	2.63E-08	13.25YrCar	2.49E-08	9.68E-10	3.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	670688.2	4342739	1.41E-08	13.25YrCar	1.32E-08	5.88E-10	2.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	670804.9	4342428	2.41E-08	13.25YrCar	2.27E-08	1.02E-09	4.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	670439.5	4342472	9.75E-09	13.25YrCar	9.19E-09	4.04E-10	1.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	670358.4	4342579	9.22E-09	13.25YrCar	8.67E-09	3.89E-10	1.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	670546.6	4342662	1.36E-08	13.25YrCar	1.29E-08	5.56E-10	2.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	670537	4342595	1.28E-08	13.25YrCar	1.21E-08	5.23E-10	2.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	670483.5	4342777	1.29E-08	13.25YrCar	1.22E-08	5.15E-10	2.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	670508.2	4342755	1.34E-08	13.25YrCar	1.26E-08	5.36E-10	2.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	670517.8	4342869	1.42E-08	13.25YrCar	1.34E-08	5.49E-10	2.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	670545.3	4342851	1.41E-08	13.25YrCar	1.34E-08	5.54E-10	2.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	670582.4	4342878	1.62E-08	13.25YrCar	1.53E-08	6.14E-10	2.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	670304.9	4342689	9.13E-09	13.25YrCar	8.60E-09	3.77E-10	1.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	670039.7	4342661	6.18E-09	13.25YrCar	5.84E-09	2.47E-10	9.78E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	670156.5	4342673	7.43E-09	13.25YrCar	7.01E-09	3.06E-10	1.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	670236.2	4342649	8.13E-09	13.25YrCar	7.65E-09	3.43E-10	1.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	670071.3	4342738	7.22E-09	13.25YrCar	6.80E-09	2.99E-10	1.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	669990.2	4342753	6.46E-09	13.25YrCar	6.09E-09	2.63E-10	1.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	669928.4	4342742	5.90E-09	13.25YrCar	5.57E-09	2.35E-10	9.32E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	669815.8	4342673	4.99E-09	13.25YrCar	4.72E-09	1.97E-10	7.82E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	669743	4342656	4.67E-09	13.25YrCar	4.41E-09	1.86E-10	7.38E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	669791	4342745	5.20E-09	13.25YrCar	4.91E-09	2.08E-10	8.24E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	669696.3	4342731	4.76E-09	13.25YrCar	4.50E-09	1.91E-10	7.58E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	669536.9	4342553	3.92E-09	13.25YrCar	3.71E-09	1.51E-10	5.98E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	669228.6	4343290	3.91E-08	13.25YrCar	3.75E-08	1.19E-09	4.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	669170.4	4343325	3.39E-08	13.25YrCar	3.25E-08	1.04E-09	4.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	669284.8	4343340	3.44E-08	13.25YrCar	3.29E-08	1.05E-09	4.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	669324.1	4343251	2.17E-08	13.25YrCar	2.07E-08	6.76E-10	2.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	669359.8	4343290	2.31E-08	13.25YrCar	2.21E-08	7.21E-10	2.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	669370.4	4343387	2.80E-08	13.25YrCar	2.68E-08	8.65E-10	3.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	669423.9	4343410	2.46E-08	13.25YrCar	2.36E-08	7.68E-10	3.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	669488.1	4343420	2.06E-08	13.25YrCar	1.97E-08	6.52E-10	2.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	669649.9	4343378	1.70E-08	13.25YrCar	1.63E-08	5.54E-10	2.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	669720.5	4343374	1.66E-08	13.25YrCar	1.58E-08	5.47E-10	2.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	669770.4	4343323	2.88E-08	13.25YrCar	2.75E-08	9.13E-10	3.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	669764	4343211	1.86E-08	13.25YrCar	1.77E-08	6.04E-10	2.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	669764.7	4343112	9.66E-09	13.25YrCar	9.19E-09	3.39E-10	1.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	669888.7	4343142	1.18E-08	13.25YrCar	1.12E-08	4.13E-10	1.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	669888.7	4343250	2.66E-08	13.25YrCar	2.54E-08	8.55E-10	3.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	669864.5	4343261	3.30E-08	13.25YrCar	3.15E-08	1.04E-09	4.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

546	ALL	669088.8	4343481	1.92E-08	13.25YrCar	1.84E-08	5.98E-10	2.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	668973.4	4343427	3.48E-08	13.25YrCar	3.33E-08	1.06E-09	4.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	669006.2	4343427	3.30E-08	13.25YrCar	3.16E-08	1.01E-09	3.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	668940.6	4343516	1.10E-08	13.25YrCar	1.05E-08	3.50E-10	1.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	668922	4343557	8.61E-09	13.25YrCar	8.22E-09	2.81E-10	1.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	668475.6	4343142	5.82E-09	13.25YrCar	5.55E-09	1.95E-10	7.74E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	668572	4343208	7.40E-09	13.25YrCar	7.06E-09	2.42E-10	9.60E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	668567	4343041	4.43E-09	13.25YrCar	4.22E-09	1.55E-10	6.17E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	669299	4342841	4.38E-09	13.25YrCar	4.15E-09	1.63E-10	6.47E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	669377.8	4342728	4.15E-09	13.25YrCar	3.93E-09	1.58E-10	6.27E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	669384.5	4342770	4.32E-09	13.25YrCar	4.10E-09	1.63E-10	6.47E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	669341.7	4342653	3.84E-09	13.25YrCar	3.63E-09	1.47E-10	5.83E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	669307.3	4342655	3.79E-09	13.25YrCar	3.59E-09	1.45E-10	5.75E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL	670048.3	4342946	7.66E-09	13.25YrCar	7.25E-09	2.98E-10	1.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL	670299.6	4342854	9.84E-09	13.25YrCar	9.29E-09	3.90E-10	1.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	670426.4	4342917	1.27E-08	13.25YrCar	1.20E-08	4.90E-10	1.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	ALL	671174.9	4342280	8.48E-08	13.25YrCar	8.10E-08	2.72E-09	1.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL	671068.4	4342170	9.24E-08	13.25YrCar	8.90E-08	2.50E-09	9.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL	670965.7	4342179	4.45E-08	13.25YrCar	4.25E-08	1.40E-09	5.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	ALL	670815.5	4342198	2.00E-08	13.25YrCar	1.90E-08	6.97E-10	2.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL	670737.6	4342098	1.48E-08	13.25YrCar	1.42E-08	4.75E-10	1.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL	670762.3	4342069	1.64E-08	13.25YrCar	1.57E-08	5.32E-10	2.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL	670817.4	4342041	2.05E-08	13.25YrCar	1.96E-08	6.59E-10	2.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	ALL	670895.4	4342025	3.00E-08	13.25YrCar	2.86E-08	9.71E-10	3.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL	670979	4341915	3.21E-08	13.25YrCar	3.07E-08	1.03E-09	4.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL	671115.9	4341864	4.70E-08	13.25YrCar	4.51E-08	1.34E-09	5.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	ALL	671199.6	4341771	3.38E-08	13.25YrCar	3.29E-08	6.06E-10	2.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	ALL	671222.4	4341377	8.08E-09	13.25YrCar	7.87E-09	1.55E-10	6.16E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	ALL	671714.8	4341392	7.28E-09	13.25YrCar	7.13E-09	1.08E-10	4.28E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	ALL	671366.9	4341999	1.32E-07	13.25YrCar	1.29E-07	2.02E-09	8.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL	671226.2	4342236	7.91E-08	13.25YrCar	7.58E-08	2.35E-09	9.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	ALL	669098.4	4343412	2.59E-08	13.25YrCar	2.47E-08	7.95E-10	3.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	ALL	668908.6	4343365	3.61E-08	13.25YrCar	3.46E-08	1.10E-09	4.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	ALL	668851.5	4343360	3.24E-08	13.25YrCar	3.11E-08	9.86E-10	3.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	ALL	668831.4	4343371	3.68E-08	13.25YrCar	3.52E-08	1.12E-09	4.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	ALL	668733.9	4343302	1.47E-08	13.25YrCar	1.40E-08	4.58E-10	1.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	ALL	668686.9	4343200	7.76E-09	13.25YrCar	7.40E-09	2.53E-10	1.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	ALL	668671.8	4343089	5.65E-09	13.25YrCar	5.38E-09	1.92E-10	7.61E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL	668806.2	4343002	5.06E-09	13.25YrCar	4.81E-09	1.76E-10	7.00E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	ALL	668918.7	4343025	5.39E-09	13.25YrCar	5.13E-09	1.87E-10	7.43E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586	ALL	669024.5	4342943	4.81E-09	13.25YrCar	4.57E-09	1.72E-10	6.82E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	ALL	669288.2	4342916	4.84E-09	13.25YrCar	4.60E-09	1.76E-10	6.98E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL	669333.6	4342923	4.97E-09	13.25YrCar	4.72E-09	1.80E-10	7.16E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	ALL	669365.5	4342978	5.57E-09	13.25YrCar	5.30E-09	1.98E-10	7.87E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	ALL	669337	4343151	1.02E-08	13.25YrCar	9.77E-09	3.36E-10	1.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL	669303.4	4343304	2.88E-08	13.25YrCar	2.75E-08	8.86E-10	3.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	ALL	669222.7	4343235	2.46E-08	13.25YrCar	2.35E-08	7.59E-10	3.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	ALL	669135.4	4343306	3.12E-08	13.25YrCar	2.99E-08	9.54E-10	3.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEV	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		668148.8	4340781	NonCancer	3.94E-06	1.27E-05	3.17E-05	0.00E+00	0.00E+00	1.44E-05	1.43E-05	0.00E+00	4.59E-07	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	3.17E-05
2	ALL		668370.1	4340781	NonCancer	4.35E-06	1.23E-05	2.80E-05	0.00E+00	0.00E+00	1.43E-05	1.70E-05	0.00E+00	4.00E-07	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	2.80E-05
3	ALL		668591.4	4340781	NonCancer	4.65E-06	1.23E-05	2.63E-05	0.00E+00	0.00E+00	1.44E-05	1.97E-05	0.00E+00	3.72E-07	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	2.63E-05
4	ALL		668812.7	4340781	NonCancer	5.10E-06	1.35E-05	2.88E-05	0.00E+00	0.00E+00	1.58E-05	2.20E-05	0.00E+00	4.07E-07	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	2.88E-05
5	ALL		669034	4340781	NonCancer	5.74E-06	1.38E-05	2.68E-05	0.00E+00	0.00E+00	1.64E-05	2.55E-05	0.00E+00	3.73E-07	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	2.68E-05
6	ALL		669255.3	4340781	NonCancer	6.13E-06	1.41E-05	2.61E-05	0.00E+00	0.00E+00	1.70E-05	3.00E-05	0.00E+00	3.57E-07	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	3.00E-05
7	ALL		669476.7	4340781	NonCancer	6.97E-06	1.56E-05	2.78E-05	0.00E+00	0.00E+00	1.88E-05	3.19E-05	0.00E+00	3.81E-07	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	3.19E-05
8	ALL		669698	4340781	NonCancer	8.04E-06	1.69E-05	2.68E-05	0.00E+00	0.00E+00	2.00E-05	3.47E-05	0.00E+00	3.65E-07	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	3.47E-05
9	ALL		669919.3	4340781	NonCancer	9.65E-06	2.06E-05	4.78E-05	0.00E+00	0.00E+00	3.87E-05	3.23E-05	0.00E+00	5.04E-07	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.78E-05
10	ALL		670140.6	4340781	NonCancer	9.82E-06	2.27E-05	6.10E-05	0.00E+00	0.00E+00	4.66E-05	2.84E-05	0.00E+00	6.34E-07	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.10E-05
11	ALL		670361.9	4340781	NonCancer	1.06E-05	2.68E-05	7.39E-05	0.00E+00	0.00E+00	5.10E-05	2.08E-05	0.00E+00	8.26E-07	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	7.39E-05
12	ALL		670583.2	4340781	NonCancer	9.77E-06	2.60E-05	1.98E-04	0.00E+00	0.00E+00	1.74E-04	1.67E-05	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	1.98E-04
13	ALL		670804.5	4340781	NonCancer	1.00E-05	2.74E-05	2.12E-04	0.00E+00	0.00E+00	1.85E-04	1.49E-05	0.00E+00	1.31E-06	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	2.12E-04
14	ALL		671025.8	4340781	NonCancer	9.66E-06	2.63E-05	2.06E-04	0.00E+00	0.00E+00	1.81E-04	1.28E-05	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	2.06E-04
15	ALL		671247.1	4340781	NonCancer	9.10E-06	2.43E-05	1.03E-04	0.00E+00	0.00E+00	7.95E-05	1.01E-05	0.00E+00	8.92E-07	0.00E+00	0.00E+00	5.54E-05	0.00E+00	0.00E+00	1.03E-04
16	ALL		671468.4	4340781	NonCancer	9.86E-06	2.92E-05	1.16E-04	0.00E+00	0.00E+00	8.19E-05	1.00E-05	0.00E+00	1.13E-06	0.00E+00	0.00E+00	5.29E-05	0.00E+00	0.00E+00	1.16E-04
17	ALL		671689.8	4340781	NonCancer	1.08E-05	3.40E-05	1.25E-04	0.00E+00	0.00E+00	8.15E-05	7.76E-06	0.00E+00	1.33E-06	0.00E+00	0.00E+00	4.77E-05	0.00E+00	0.00E+00	1.25E-04
18	ALL		671911.1	4340781	NonCancer	8.66E-06	3.12E-05	1.05E-04	0.00E+00	0.00E+00	5.71E-05	7.32E-06	0.00E+00	1.28E-06	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	1.05E-04
19	ALL		672132.4	4340781	NonCancer	6.02E-06	2.17E-05	6.64E-05	0.00E+00	0.00E+00	3.30E-05	5.44E-06	0.00E+00	8.70E-07	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	6.64E-05
20	ALL		672353.7	4340781	NonCancer	9.17E-06	3.25E-05	9.69E-05	0.00E+00	0.00E+00	4.81E-05	5.95E-06	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	9.69E-05
21	ALL		672575	4340781	NonCancer	1.02E-05	2.90E-05	8.12E-05	0.00E+00	0.00E+00	4.93E-05	4.72E-06	0.00E+00	9.85E-07	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	8.12E-05
22	ALL		668148.8	4340946	NonCancer	3.81E-06	1.20E-05	2.94E-05	0.00E+00	0.00E+00	1.37E-05	1.25E-05	0.00E+00	4.25E-07	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	2.94E-05
23	ALL		668370.1	4340946	NonCancer	4.40E-06	1.35E-05	3.24E-05	0.00E+00	0.00E+00	1.54E-05	1.49E-05	0.00E+00	4.67E-07	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	3.24E-05
24	ALL		668591.4	4340946	NonCancer	4.87E-06	1.39E-05	3.18E-05	0.00E+00	0.00E+00	1.61E-05	1.75E-05	0.00E+00	4.55E-07	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	3.18E-05
25	ALL		668812.7	4340946	NonCancer	5.38E-06	1.48E-05	3.28E-05	0.00E+00	0.00E+00	1.72E-05	2.03E-05	0.00E+00	4.68E-07	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	3.28E-05
26	ALL		669034	4340946	NonCancer	6.02E-06	1.42E-05	2.71E-05	0.00E+00	0.00E+00	1.70E-05	2.49E-05	0.00E+00	3.76E-07	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	2.71E-05
27	ALL		669255.3	4340946	NonCancer	6.87E-06	1.55E-05	2.77E-05	0.00E+00	0.00E+00	1.86E-05	2.93E-05	0.00E+00	3.81E-07	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	2.93E-05
28	ALL		669476.7	4340946	NonCancer	7.00E-06	1.60E-05	2.96E-05	0.00E+00	0.00E+00	1.95E-05	3.22E-05	0.00E+00	4.04E-07	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	3.22E-05
29	ALL		669698	4340946	NonCancer	8.95E-06	1.97E-05	3.43E-05	0.00E+00	0.00E+00	2.38E-05	4.04E-05	0.00E+00	4.67E-07	0.00E+00	0.00E+00	4.08E-06	0.00E+00	0.00E+00	4.04E-05
30	ALL		669919.3	4340946	NonCancer	9.97E-06	2.16E-05	5.50E-05	0.00E+00	0.00E+00	4.45E-05	4.26E-05	0.00E+00	5.55E-07	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	5.50E-05
31	ALL		670140.6	4340946	NonCancer	1.05E-05	2.23E-05	5.67E-05	0.00E+00	0.00E+00	4.73E-05	3.64E-05	0.00E+00	5.55E-07	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	5.67E-05
32	ALL		670361.9	4340946	NonCancer	1.09E-05	2.61E-05	7.37E-05	0.00E+00	0.00E+00	5.47E-05	2.85E-05	0.00E+00	7.69E-07	0.00E+00	0.00E+00	2.87E-05	0.00E+00	0.00E+00	7.37E-05
33	ALL		670583.2	4340946	NonCancer	1.12E-05	3.05E-05	2.37E-04	0.00E+00	0.00E+00	2.07E-04	2.06E-05	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	2.37E-04
34	ALL		670804.5	4340946	NonCancer	1.05E-05	2.91E-05	2.27E-04	0.00E+00	0.00E+00	1.97E-04	1.78E-05	0.00E+00	1.40E-06	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	2.27E-04
35	ALL		671025.8	4340946	NonCancer	9.93E-06	2.66E-05	2.20E-04	0.00E+00	0.00E+00	1.96E-04	1.48E-05	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	2.20E-04
36	ALL		671247.1	4340946	NonCancer	9.22E-06	2.36E-05	1.02E-04	0.00E+00	0.00E+00	8.16E-05	1.11E-05	0.00E+00	8.44E-07	0.00E+00	0.00E+00	5.82E-05	0.00E+00	0.00E+00	1.02E-04
37	ALL		671468.4	4340946	NonCancer	9.63E-06	2.64E-05	1.09E-04	0.00E+00	0.00E+00	8.26E-05	9.78E-06	0.00E+00	9.79E-07	0.00E+00	0.00E+00	5.64E-05	0.00E+00	0.00E+00	1.09E-04
38	ALL		671689.8	4340946	NonCancer	1.30E-05	4.08E-05	1.52E-04	0.00E+00	0.00E+00	1.00E-04	9.04E-06	0.00E+00	1.59E-06	0.00E+00	0.00E+00	5.96E-05	0.00E+00	0.00E+00	1.52E-04
39	ALL		671911.1	4340946	NonCancer	1.29E-05	4.10E-05	1.44E-04	0.00E+00	0.00E+00	9.00E-05	8.32E-06	0.00E+00	1.59E-06	0.00E+00	0.00E+00	4.92E-05	0.00E+00	0.00E+00	1.44E-04
40	ALL		672132.4	4340946	NonCancer	5.72E-06	1.95E-05	5.70E-05	0.00E+00	0.00E+00	2.87E-05	5.69E-06	0.00E+00	7.52E-07	0.00E+00	0.00E+00	9.19E-06	0.00E+00	0.00E+00	5.70E-05
41	ALL		672353.7	4340946	NonCancer	8.99E-06	3.15E-05	9.07E-05	0.00E+00	0.00E+00	4.39E-05	5.84E-06	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	9.07E-05
42	ALL		672575	4340946	NonCancer	1.07E-05	3.00E-05	8.41E-05	0.00E+00	0.00E+00	5.21E-05	5.04E-06	0.00E+00	1.01E-06	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	8.41E-05
43	ALL		668148.8	4341111	NonCancer	3.95E-06	1.26E-05	3.10E-05	0.00E+00	0.00E+00	1.43E-05	1.11E-05	0.00E+00	4.48E-07	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	3.10E-05
44	ALL		668370.1	4341111	NonCancer	4.37E-06	1.35E-05	3.27E-05	0.00E+00	0.00E+00	1.54E-05	1.28E-05	0.00E+00	4.72E-07	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	3.27E-05
45	ALL		668591.4	4341111	NonCancer	5.05E-06	1.46E-05	3.36E-05	0.00E+00	0.00E+00	1.68E-05	1.55E-05	0.00E+00	4.82E-07	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	3.36E-05
46	ALL		668812.7	4341111	NonCancer	5.62E-06	1.53E-05	3.33E-05	0.00E+00	0.00E+00	1.77E-05	1.84E-05	0.00E+00	4.74E-07	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	3.33E-05
47	ALL		669034	4341111	NonCancer	6.34E-06	1.55E-05	3.03E-05	0.00E+00	0.00E+00	1.83E-05	2.24E-05	0.00E+00	4.24E-07	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	3.03E-05
48	ALL		669255.3	4341111	NonCancer	6.90E-06	1.68E-05	3.29E-05	0.00E+00	0.00E+00	1.99E-05	2.61E-05	0.00E+00	4.59E-07	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	3.29E-05
49	ALL		669476.7	4341111	NonCancer	7.80E-06	1.73E-05	3.06E-05	0.00E+00	0.00E+00	2.10E-05	3.23E-05	0.00E+00	4.16E-07	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	3.23E-05
50	ALL		669698	4341111	NonCancer	9.63E-06	2.10E-05	3.62E-05	0.00E+00	0.00E+00	2.54E-05	4.20E-05	0.00E+00	4.93E-07	0.00E+00	0.00E+00	4.41E-06	0.00E+00	0.00E+00	4.20E-05
51	ALL		669919.3	4341111	NonCancer	9.85E-06	2.15E-05	3.77E-05	0.00E+00	0.00E+00	2.67E-05	4.85E-05	0.00E+00	5.07E-07	0.00E+00	0.00E+00	5.19E-06	0.00E+00	0.00E+00	4.85E-05
52	ALL		670140.6	4341111	NonCancer	1.11E-05	2.50E-05	6.80E-05	0.00E+00	0.00E+00	5.32E-05	5.09E-05	0.00E+00	6.87E-07	0.00E+00	0.00E+00	2.83E-05	0.00E+00	0.00E+00	6.80E-05
53	ALL		670361.9	4341111	NonCancer	1.15E-05	2.95E-05	8.48E-05	0.00E+00	0.00E+00	5.85E-05	4.42E-05	0.00E+00	9.33E-07	0.00E+00	0.00E+00	2.91E-05	0.00E+00	0.00E+00	8.48E-05
54	ALL		670583.2	4341111	NonCancer	1.10E-05	2.90E-05	7.93E-05	0.00E+00	0.00E+00	5.19E-05	2.94E-05	0.00E+00	9.23E-07	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	7.93E-05
55	ALL		670804.5	4341111	NonCancer	9.67E-06	2.50E-05	2.08E-04	0.00E+00	0.00E+00	1.87E-04	2.13E-05	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	2.08E-04
56	ALL		671025.8	4341111	NonCancer	9.11E-06	2.26E-05	2.04E-04	0.00E+00	0.00E+00	1.87E-04	1.64E-05	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	2.04E-04
57	ALL		671247.1	4341111	NonCancer	1.05E-05	2.77E-05	1.40E-04	0.00E+00	0.00E+00	1.15E-04	1.41E-05	0.00E+00	1.08E-06	0.00E+00	0.00E+00	8.74E-05	0.00E+00	0.00E+00	1.40E-04
58	ALL		671468.4	4341111	NonCancer	1.08E-05	2.96E-05	1.22E-04	0.00E+00	0.00E+00	9.19E-05	1.09E-05	0.00E+00	1.10E-06	0.00E+00	0.00E+00	6.25E-05	0.00E+00	0.00E+00	1.22E-04
59	ALL		671689.8	4341111	NonCancer	1.68E-05	4.79E-05	2.16E-04	0.00E+00	0.00E+00	1.63E-04	1.10E-05	0.00E+00	1.88E-06	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	2.16E-04
60	ALL		671911.1	4341111	NonCancer	1.54E-05	4.72E-05	1.51E-04	0.00E+00	0.00E+00	9.23E-05	9.33E-06	0.00E+00	1.75E-06	0.00E+00	0.00E+00	4.53E-05	0.00E+00	0.00E+00	1.51E-04
61	ALL		672132.4	4341111	NonCancer	7.26E-06	2.25E-05	6.09E-05	0.00E+00	0.00E+00	3.21E-05	5.91E-06	0.00E+00	8.06E-07	0.00E+00	0.00E+00	9.63E-06	0.00E+00	0.00E+00	6.09E-05
62	ALL		672353.7	4341111	NonCancer	7.03E-06	2.31E-05	6.42E-05	0.00E+00	0.00E+00	3.23E-05	5.33E-06	0.00E+00	8.61E-07	0.00E+00	0.00E+00	9.23E-06	0.00E+00	0.00E+00	6.42E-05
63	ALL		672575	4341111	NonCancer	1.09E-05	3.11E-05	8.91E-05	0.00E+00	0.00E+00	5.45E-05	5.60E-06	0.00E+00	1.07E-06	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	8.91E-05
64	ALL		668148.8	4341276	NonCancer	4.14E-06	1.36E-05	3.44E-05	0.00E+00	0.00E+00	1.54E-05	1.00E-05	0.00E+00	5.00E-07	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	3.44E-05
65	ALL		668370.1	4341276	NonCancer	4.65E-06	1.47E-05	3.61E-05	0.00E+00	0.00E+00	1.67E-05	1.15E-05	0.00E+00	5.23E-07	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	3.61E-05
66	ALL		668591.4	4341276	NonCancer	5.20E-06	1.50E-05	3.43E-05	0.00E+00	0.00E+00	1.72E-05	1.35E-05	0.00E+00	4.92E-07	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	3.43E-05
67	ALL		668812.7	4341276	NonCancer	5.92E-06	1.45E-05	2.87E-05	0.00E+00	0.00E+00	1.71E-05	1.64E-05	0.00E+00	4.02E-07	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	2.87E-05
68	ALL		669034	4341276	NonCancer	7.38E-06	1.72E-05	3.17E-05	0.00E+00	0.00E+00	2.02E-05	2.18E-05	0.00E+00	4.42E-07	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	3.17E-05
69	ALL		669255.3	4341276	NonCancer	7.95E-06	1.76E-05	3.04E-05	0.00E+00	0.00E+00	2.10E-05	2.51E-05	0.00E+00	4.17E-07	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	3.04E-05
70	ALL		669476.7	4341276	NonCancer	8.42E-06	1.84E-05	3.18E-05	0.00E+00	0.00E+00	2.24E-05	2.97E-05	0.00E+00	4.33E-07	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	3.18E-05
71	ALL		669698	4341276	NonCancer	9.14E-06	1.94E-05	3.22E-05	0.00E+00	0.00E+00	2.40E-05	3.90E-05	0.00E+00	4.30E-07	0.00E+00	0.00E+00	4.63E-06	0.00E+00	0.00E+00	3.90E-05
72	ALL		669919.3	4341276	NonCancer	1.04E-05	2.23E-05	5.97E-05	0.00E+00	0.00E+00	4.95E-05	5.16E-05	0.00E+00	5.74E-07	0.00E+00	0.00E+00	2.72E-05	0.00E+00	0.00E+00	5.97E-05
73	ALL		670140.6	4341276	NonCancer	1.09E-05	2.79E-05	7.94E-05	0.00E+00	0.00E+00	5.43E-05	6.91E-05	0.00E+00	8.83E-07	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	7.94E-05
74	ALL		670361.9	4341276	NonCancer	1.15E-05	2.96E-05	8.03E-05	0.00E+00	0.00E+00	5.34E-05	6.55E-05	0.00E+00	9.27E-07	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	8.03E-05
75	ALL		670583.2	4341276	NonCancer	9.96E-06	2.49E-05	6.51E-05	0.00E+00	0.00E+00	4.43E-05	4.41E-05	0.00E+00	7.49E-07	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	6.51E-05
76	ALL		670804.5	4341276	NonCancer	9.54E-06	2.42E-05	1.77E-04	0.00E+00	0.00E+00	1.57E-04	2.62E-05	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	1.77E-04
77	ALL		671025.8	4341276	NonCancer	9.18E-06	2.28E-05	2.11E-04	0.00E+00	0.00E+00	1.94E-04	2.01E-05	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	2.11E-04
78	ALL		671247.1	4341276	NonCancer	1.27E-05	3.61E-05	2.29E-04	0.00E+00	0.00E+00	1.90E-04	1.91E-05	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	2.29E-04
79	ALL		671468.4	4341276	NonCancer	1.83E-05	5.20E-05	2.00E-04	0.00E+00	0.00E+00	1.43E-04	1.47E-05	0.00E+00	1.92E-06	0.00E+00	0.00E+00	9.16E-05	0.00E+00	0.00E+00	2.00E-04
80	ALL		671689.8	4341276	NonCancer	2.08E-05	5.39E-05	3.06E-04	0.00E+00	0.00E+00	2.58E-04	1.28E-05	0.00E+00	2.17E-06	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	3.06E-04
81	ALL		671911.1	4341276	NonCancer	1.84E-05	5.09E-05	1.67E-04	0.00E+00	0.00E+00	1.14E-04	1.04E-05	0.00E+00	1.77E-06	0.00E+00	0.00E+00	6.31E-05	0.00E+00	0.00E+00	1.67E-04
82	ALL		672132.4	4341276	NonCancer	9.06E-06	2.74E-05	7.21E-05	0.00E+00	0.00E+00	3.84E-05	6.98E-06	0.00E+00	9.59E-07	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	7.21E-05
83	ALL		672353.7	4341276	NonCancer	6.64E-06	1.90E-05	4.75E-05	0.00E+00	0.00E+00	2.61E-05	5.40E-06	0.00E+00	6.32E-07	0.00E+00	0.00E+00	7.14E-06	0.00E+00	0.00E+00	4.75E-05
84	ALL		672575	4341276	NonCancer	1.10E-05	3.14E-05	9.14E-05	0.00E+00	0.00E+00	5.69E-05	6.36E-06	0.00E+00	1.07E-06	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	9.14E-05
85	ALL		668148.8	4341441	NonCancer	4.26E-06	1.41E-05	3.58E-05	0.00E+00	0.00E+00	1.59E-05	9.03E-06	0.00E+00	5.20E-07	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	3.58E-05
86	ALL		668370.1	4341441	NonCancer	4.79E-06	1.52E-05	3.72E-05	0.00E+00	0.00E+00	1.72E-05	1.02E-05	0.00E+00	5.39E-07	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	3.72E-05
87	ALL		668591.4	4341441	NonCancer	5.34E-06	1.56E-05	3.61E-05	0.00E+00	0.00E+00	1.79E-05	1.18E-05	0.00E+00	5.18E-07	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	3.61E-05
88	ALL		668812.7	4341441	NonCancer	6.10E-06	1.47E-05	2.83E-05	0.00E+00	0.00E+00	1.73E-05	1.45E-05	0.00E+00	3.95E-07	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	2.83E-05
89	ALL		669034	4341441	NonCancer	7.53E-06	1.75E-05	3.21E-05	0.00E+00	0.00E+00	2.05E-05	1.86E-05	0.00E+00	4.48E-07	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	3.21E-05
90	ALL		669255.3	4341441	NonCancer	7.91E-06	1.78E-05	3.14E-05	0.00E+00	0.00E+00	2.12E-05	2.01E-05	0.00E+00	4.32E-07	0.00E+00	0.00E+00	3.48E-06	0.00E+00	0.00E+00	3.14E-05
91	ALL		669476.7	4341441	NonCancer	8.96E-06	1.95E-05	3.32E-05	0.00E+00	0.00E+00	2.36E-05	2.57E-05	0.00E+00	4.52E-07	0.00E+00	0.00E+00	4.09E-06	0.00E+00	0.00E+00	3.32E-05
92	ALL		669698	4341441	NonCancer	1.03E-05	2.25E-05	3.87E-05	0.00E+00	0.00E+00	2.74E-05	3.59E-05	0.00E+00	5.25E-07	0.00E+00	0.00E+00	4.89E-06	0.00E+00	0.00E+00	3.87E-05
93	ALL		669919.3	4341441	NonCancer	1.11E-05	2.56E-05	7.17E-05	0.00E+00	0.00E+00	5.50E-05	5.16E-05	0.00E+00	7.29E-07	0.00E+00	0.00E+00	2.95E-05	0.00E+00	0.00E+00	7.17E-05
94	ALL		670140.6	4341441	NonCancer	1.10E-05	2.79E-05	7.67E-05	0.00E+00	0.00E+00	5.20E-05	7.48E-05	0.00E+00	8.70E-07	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	7.67E-05
95	ALL		670361.9	4341441	NonCancer	1.10E-05	2.83E-05	7.77E-05	0.00E+00	0.00E+00	5.16E-05	9.55E-05	0.00E+00	8.95E-07	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	9.55E-05
96	ALL		670583.2	4341441	NonCancer	1.03E-05	2.51E-05	6.72E-05	0.00E+00	0.00E+00	4.76E-05	7.46E-05	0.00E+00	7.45E-07	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	7.46E-05
97	ALL		670804.5	4341441	NonCancer	1.25E-05	3.23E-05	1.09E-04	0.00E+00	0.00E+00	7.97E-05	4.14E-05	0.00E+00	1.08E-06	0.00E+00	0.00E+00	4.75E-05	0.00E+00	0.00E+00	1.09E-04
98	ALL		671025.8	4341441	NonCancer	1.15E-05	2.90E-05	2.27E-04	0.00E+00	0.00E+00	2.04E-04	2.91E-05	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	2.27E-04

99	ALL	671689.8	4341441	NonCancer	2.22E-05	4.68E-05	3.11E-04	0.00E+00	0.00E+00	2.95E-04	1.56E-05	0.00E+00	1.73E-06	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	3.11E-04
100	ALL	671911.1	4341441	NonCancer	1.80E-05	5.02E-05	1.58E-04	0.00E+00	0.00E+00	1.05E-04	1.15E-05	0.00E+00	1.73E-06	0.00E+00	0.00E+00	5.46E-05	0.00E+00	0.00E+00	1.58E-04
101	ALL	672132.4	4341441	NonCancer	1.06E-05	3.18E-05	8.34E-05	0.00E+00	0.00E+00	4.51E-05	8.74E-06	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	8.34E-05
102	ALL	672353.7	4341441	NonCancer	1.05E-05	3.23E-05	8.67E-05	0.00E+00	0.00E+00	4.59E-05	8.31E-06	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	8.67E-05
103	ALL	672575	4341441	NonCancer	1.35E-05	2.99E-05	5.96E-05	0.00E+00	0.00E+00	4.37E-05	7.04E-06	0.00E+00	7.33E-07	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	5.96E-05
104	ALL	668148.8	4341606	NonCancer	4.56E-06	1.51E-05	3.80E-05	0.00E+00	0.00E+00	1.69E-05	8.48E-06	0.00E+00	5.52E-07	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	3.80E-05
105	ALL	668370.1	4341606	NonCancer	5.01E-06	1.51E-05	3.58E-05	0.00E+00	0.00E+00	1.72E-05	9.42E-06	0.00E+00	5.16E-07	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	3.58E-05
106	ALL	668591.4	4341606	NonCancer	5.48E-06	1.48E-05	3.22E-05	0.00E+00	0.00E+00	1.72E-05	1.06E-05	0.00E+00	4.58E-07	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	3.22E-05
107	ALL	668812.7	4341606	NonCancer	6.12E-06	1.51E-05	2.99E-05	0.00E+00	0.00E+00	1.78E-05	1.22E-05	0.00E+00	4.20E-07	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	2.99E-05
108	ALL	669034	4341606	NonCancer	6.94E-06	1.65E-05	3.14E-05	0.00E+00	0.00E+00	1.96E-05	1.39E-05	0.00E+00	4.37E-07	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	3.14E-05
109	ALL	669255.3	4341606	NonCancer	7.90E-06	1.82E-05	3.32E-05	0.00E+00	0.00E+00	2.17E-05	1.64E-05	0.00E+00	4.59E-07	0.00E+00	0.00E+00	3.56E-06	0.00E+00	0.00E+00	3.32E-05
110	ALL	669476.7	4341606	NonCancer	9.14E-06	2.04E-05	3.60E-05	0.00E+00	0.00E+00	2.46E-05	2.09E-05	0.00E+00	4.92E-07	0.00E+00	0.00E+00	4.22E-06	0.00E+00	0.00E+00	3.60E-05
111	ALL	669698	4341606	NonCancer	1.08E-05	2.39E-05	4.21E-05	0.00E+00	0.00E+00	2.90E-05	2.78E-05	0.00E+00	5.74E-07	0.00E+00	0.00E+00	5.08E-06	0.00E+00	0.00E+00	4.21E-05
112	ALL	669919.3	4341606	NonCancer	1.14E-05	2.86E-05	8.05E-05	0.00E+00	0.00E+00	5.67E-05	4.12E-05	0.00E+00	8.78E-07	0.00E+00	0.00E+00	2.82E-05	0.00E+00	0.00E+00	8.05E-05
113	ALL	670140.6	4341606	NonCancer	1.17E-05	2.97E-05	8.27E-05	0.00E+00	0.00E+00	5.65E-05	6.55E-05	0.00E+00	9.28E-07	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	8.27E-05
114	ALL	670361.9	4341606	NonCancer	1.11E-05	2.76E-05	7.35E-05	0.00E+00	0.00E+00	5.05E-05	1.01E-04	0.00E+00	8.35E-07	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	1.01E-04
115	ALL	670583.2	4341606	NonCancer	1.20E-05	2.91E-05	8.55E-05	0.00E+00	0.00E+00	6.24E-05	1.33E-04	0.00E+00	8.92E-07	0.00E+00	0.00E+00	3.34E-05	0.00E+00	0.00E+00	1.33E-04
116	ALL	670804.5	4341606	NonCancer	1.76E-05	4.70E-05	1.93E-04	0.00E+00	0.00E+00	1.48E-04	8.80E-05	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	1.93E-04
117	ALL	671025.8	4341606	NonCancer	1.66E-05	4.58E-05	2.84E-04	0.00E+00	0.00E+00	2.38E-04	4.37E-05	0.00E+00	1.99E-06	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	2.84E-04
118	ALL	671689.8	4341606	NonCancer	2.34E-05	4.95E-05	2.46E-04	0.00E+00	0.00E+00	2.28E-04	1.90E-05	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	2.46E-04
119	ALL	671911.1	4341606	NonCancer	1.68E-05	4.49E-05	1.81E-04	0.00E+00	0.00E+00	1.38E-04	1.45E-05	0.00E+00	1.62E-06	0.00E+00	0.00E+00	9.30E-05	0.00E+00	0.00E+00	1.81E-04
120	ALL	672132.4	4341606	NonCancer	1.64E-05	4.82E-05	1.32E-04	0.00E+00	0.00E+00	7.56E-05	1.23E-05	0.00E+00	1.67E-06	0.00E+00	0.00E+00	2.75E-05	0.00E+00	0.00E+00	1.32E-04
121	ALL	672353.7	4341606	NonCancer	1.33E-05	3.90E-05	1.03E-04	0.00E+00	0.00E+00	5.76E-05	9.83E-06	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	1.03E-04
122	ALL	672575	4341606	NonCancer	1.32E-05	2.90E-05	4.75E-05	0.00E+00	0.00E+00	3.28E-05	8.05E-06	0.00E+00	6.71E-07	0.00E+00	0.00E+00	3.86E-06	0.00E+00	0.00E+00	4.75E-05
123	ALL	668148.8	4341771	NonCancer	4.56E-06	1.56E-05	4.02E-05	0.00E+00	0.00E+00	1.75E-05	7.67E-06	0.00E+00	5.87E-07	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	4.02E-05
124	ALL	668370.1	4341771	NonCancer	5.12E-06	1.52E-05	3.56E-05	0.00E+00	0.00E+00	1.73E-05	8.56E-06	0.00E+00	5.12E-07	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	3.56E-05
125	ALL	668591.4	4341771	NonCancer	5.62E-06	1.70E-05	4.02E-05	0.00E+00	0.00E+00	1.93E-05	9.26E-06	0.00E+00	5.80E-07	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	4.02E-05
126	ALL	668812.7	4341771	NonCancer	6.21E-06	1.68E-05	3.63E-05	0.00E+00	0.00E+00	1.94E-05	1.04E-05	0.00E+00	5.16E-07	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	3.63E-05
127	ALL	669034	4341771	NonCancer	7.14E-06	1.73E-05	3.35E-05	0.00E+00	0.00E+00	2.04E-05	1.18E-05	0.00E+00	4.69E-07	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	3.35E-05
128	ALL	669255.3	4341771	NonCancer	8.74E-06	2.04E-05	3.79E-05	0.00E+00	0.00E+00	2.41E-05	1.49E-05	0.00E+00	5.28E-07	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	3.79E-05
129	ALL	669476.7	4341771	NonCancer	9.96E-06	2.28E-05	4.93E-05	0.00E+00	0.00E+00	3.52E-05	1.62E-05	0.00E+00	5.95E-07	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	4.93E-05
130	ALL	669698	4341771	NonCancer	1.05E-05	2.41E-05	6.57E-05	0.00E+00	0.00E+00	5.06E-05	2.06E-05	0.00E+00	6.73E-07	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	6.57E-05
131	ALL	669919.3	4341771	NonCancer	1.09E-05	2.81E-05	7.88E-05	0.00E+00	0.00E+00	5.37E-05	3.01E-05	0.00E+00	8.84E-07	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	7.88E-05
132	ALL	670140.6	4341771	NonCancer	1.10E-05	2.82E-05	7.74E-05	0.00E+00	0.00E+00	5.21E-05	4.45E-05	0.00E+00	8.83E-07	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	7.74E-05
133	ALL	670361.9	4341771	NonCancer	1.03E-05	2.46E-05	6.38E-05	0.00E+00	0.00E+00	4.61E-05	7.06E-05	0.00E+00	7.05E-07	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	7.06E-05
134	ALL	670583.2	4341771	NonCancer	1.39E-05	3.67E-05	1.17E-04	0.00E+00	0.00E+00	8.18E-05	1.53E-04	0.00E+00	1.23E-06	0.00E+00	0.00E+00	4.53E-05	0.00E+00	0.00E+00	1.53E-04
135	ALL	670804.5	4341771	NonCancer	2.04E-05	5.40E-05	2.94E-04	0.00E+00	0.00E+00	2.43E-04	1.86E-04	0.00E+00	2.18E-06	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	2.94E-04
136	ALL	671025.8	4341771	NonCancer	2.60E-05	6.50E-05	5.94E-04	0.00E+00	0.00E+00	5.44E-04	4.09E-05	0.00E+00	3.22E-06	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	5.94E-04
137	ALL	671689.8	4341771	NonCancer	2.24E-05	5.93E-05	3.52E-04	0.00E+00	0.00E+00	2.97E-04	2.64E-05	0.00E+00	2.46E-06	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	3.52E-04
138	ALL	671911.1	4341771	NonCancer	2.16E-05	5.12E-05	1.96E-04	0.00E+00	0.00E+00	1.62E-04	1.93E-05	0.00E+00	1.64E-06	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	1.96E-04
139	ALL	672132.4	4341771	NonCancer	1.37E-05	3.74E-05	9.61E-05	0.00E+00	0.00E+00	5.80E-05	1.36E-05	0.00E+00	1.20E-06	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	9.61E-05
140	ALL	672353.7	4341771	NonCancer	1.02E-05	2.51E-05	5.49E-05	0.00E+00	0.00E+00	3.51E-05	9.71E-06	0.00E+00	7.08E-07	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	5.49E-05
141	ALL	672575	4341771	NonCancer	1.41E-05	3.23E-05	5.69E-05	0.00E+00	0.00E+00	3.66E-05	9.19E-06	0.00E+00	8.08E-07	0.00E+00	0.00E+00	4.28E-06	0.00E+00	0.00E+00	5.69E-05
142	ALL	668148.8	4341936	NonCancer	4.58E-06	1.63E-05	4.26E-05	0.00E+00	0.00E+00	1.80E-05	7.03E-06	0.00E+00	6.24E-07	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	4.26E-05
143	ALL	668370.1	4341936	NonCancer	5.09E-06	1.73E-05	4.43E-05	0.00E+00	0.00E+00	1.93E-05	7.65E-06	0.00E+00	6.46E-07	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	4.43E-05
144	ALL	668591.4	4341936	NonCancer	5.71E-06	1.80E-05	4.37E-05	0.00E+00	0.00E+00	2.03E-05	8.41E-06	0.00E+00	6.34E-07	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	4.37E-05
145	ALL	668812.7	4341936	NonCancer	6.18E-06	1.62E-05	3.41E-05	0.00E+00	0.00E+00	1.89E-05	9.28E-06	0.00E+00	4.83E-07	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	3.41E-05
146	ALL	669034	4341936	NonCancer	7.53E-06	1.85E-05	3.63E-05	0.00E+00	0.00E+00	2.16E-05	1.08E-05	0.00E+00	5.10E-07	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	3.63E-05
147	ALL	669255.3	4341936	NonCancer	9.13E-06	2.16E-05	4.82E-05	0.00E+00	0.00E+00	3.30E-05	1.14E-05	0.00E+00	5.91E-07	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	4.82E-05
148	ALL	669476.7	4341936	NonCancer	9.75E-06	2.20E-05	5.73E-05	0.00E+00	0.00E+00	4.48E-05	1.34E-05	0.00E+00	5.92E-07	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	5.73E-05
149	ALL	669698	4341936	NonCancer	9.87E-06	2.45E-05	6.51E-05	0.00E+00	0.00E+00	4.52E-05	1.88E-05	0.00E+00	7.36E-07	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	6.51E-05
150	ALL	669919.3	4341936	NonCancer	9.16E-06	2.17E-05	5.37E-05	0.00E+00	0.00E+00	3.83E-05	2.33E-05	0.00E+00	6.12E-07	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	5.37E-05
151	ALL	670140.6	4341936	NonCancer	9.65E-06	2.27E-05	5.68E-05	0.00E+00	0.00E+00	4.13E-05	3.03E-05	0.00E+00	6.35E-07	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	5.68E-05
152	ALL	670361.9	4341936	NonCancer	1.07E-05	2.62E-05	7.09E-05	0.00E+00	0.00E+00	5.01E-05	4.23E-05	0.00E+00	7.84E-07	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	7.09E-05
153	ALL	670583.2	4341936	NonCancer	1.62E-05	4.62E-05	1.71E-04	0.00E+00	0.00E+00	1.20E-04	7.44E-05	0.00E+00	1.70E-06	0.00E+00	0.00E+00	7.37E-05	0.00E+00	0.00E+00	1.71E-04
154	ALL	670804.5	4341936	NonCancer	1.95E-05	4.19E-05	2.35E-04	0.00E+00	0.00E+00	2.17E-04	1.69E-04	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	2.35E-04
155	ALL	671468.4	4341936	NonCancer	3.83E-05	1.02E-04	6.25E-04	0.00E+00	0.00E+00	5.30E-04	6.14E-05	0.00E+00	4.32E-06	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	6.25E-04
156	ALL	671689.8	4341936	NonCancer	2.82E-05	7.62E-05	3.63E-04	0.00E+00	0.00E+00	2.89E-04	3.72E-05	0.00E+00	2.94E-06	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	3.63E-04
157	ALL	671911.1	4341936	NonCancer	2.13E-05	5.51E-05	1.94E-04	0.00E+00	0.00E+00	1.45E-04	2.42E-05	0.00E+00	1.86E-06	0.00E+00	0.00E+00	9.03E-05	0.00E+00	0.00E+00	1.94E-04
158	ALL	672132.4	4341936	NonCancer	1.30E-05	3.25E-05	7.78E-05	0.00E+00	0.00E+00	5.08E-05	1.57E-05	0.00E+00	9.55E-07	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	7.78E-05
159	ALL	672353.7	4341936	NonCancer	8.63E-06	2.07E-05	4.39E-05	0.00E+00	0.00E+00	2.87E-05	1.08E-05	0.00E+00	5.67E-07	0.00E+00	0.00E+00	7.97E-06	0.00E+00	0.00E+00	4.39E-05
160	ALL	672575	4341936	NonCancer	1.24E-05	3.24E-05	9.02E-05	0.00E+00	0.00E+00	6.01E-05	9.86E-06	0.00E+00	1.03E-06	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	9.02E-05
161	ALL	668148.8	4342101	NonCancer	4.68E-06	1.69E-05	4.47E-05	0.00E+00	0.00E+00	1.87E-05	6.82E-06	0.00E+00	6.55E-07	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	4.47E-05
162	ALL	668370.1	4342101	NonCancer	5.39E-06	1.87E-05	4.85E-05	0.00E+00	0.00E+00	2.08E-05	7.48E-06	0.00E+00	7.10E-07	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	4.85E-05
163	ALL	668591.4	4342101	NonCancer	5.67E-06	1.63E-05	3.70E-05	0.00E+00	0.00E+00	1.86E-05	8.05E-06	0.00E+00	5.30E-07	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	3.70E-05
164	ALL	668812.7	4342101	NonCancer	6.33E-06	1.68E-05	3.57E-05	0.00E+00	0.00E+00	1.95E-05	8.71E-06	0.00E+00	5.07E-07	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	3.57E-05
165	ALL	669034	4342101	NonCancer	7.85E-06	2.02E-05	4.13E-05	0.00E+00	0.00E+00	2.33E-05	1.00E-05	0.00E+00	5.87E-07	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	4.13E-05
166	ALL	669255.3	4342101	NonCancer	9.08E-06	2.23E-05	4.35E-05	0.00E+00	0.00E+00	2.59E-05	1.06E-05	0.00E+00	6.13E-07	0.00E+00	0.00E+00	3.65E-06	0.00E+00	0.00E+00	4.35E-05
167	ALL	669476.7	4342101	NonCancer	9.78E-06	2.18E-05	5.55E-05	0.00E+00	0.00E+00	4.37E-05	1.15E-05	0.00E+00	5.75E-07	0.00E+00	0.00E+00	2.20E-05	0.00E+00	0.00E+00	5.55E-05
168	ALL	669698	4342101	NonCancer	1.06E-05	2.59E-05	7.11E-05	0.00E+00	0.00E+00	5.12E-05	1.53E-05	0.00E+00	7.70E-07	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	7.11E-05
169	ALL	669919.3	4342101	NonCancer	1.12E-05	2.87E-05	8.05E-05	0.00E+00	0.00E+00	5.51E-05	1.93E-05	0.00E+00	8.99E-07	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	8.05E-05
170	ALL	670140.6	4342101	NonCancer	1.08E-05	2.67E-05	7.04E-05	0.00E+00	0.00E+00	4.90E-05	2.51E-05	0.00E+00	7.95E-07	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	7.04E-05
171	ALL	670361.9	4342101	NonCancer	1.37E-05	3.54E-05	1.18E-04	0.00E+00	0.00E+00	8.61E-05	2.79E-05	0.00E+00	1.17E-06	0.00E+00	0.00E+00	5.09E-05	0.00E+00	0.00E+00	1.18E-04
172	ALL	670583.2	4342101	NonCancer	1.33E-05	3.18E-05	9.48E-05	0.00E+00	0.00E+00	7.21E-05	3.66E-05	0.00E+00	9.48E-07	0.00E+00	0.00E+00	4.04E-05	0.00E+00	0.00E+00	9.48E-05
173	ALL	671468.4	4342101	NonCancer	2.36E-05	6.70E-05	5.04E-04	0.00E+00	0.00E+00	4.33E-04	8.73E-05	0.00E+00	3.23E-06	0.00E+00	0.00E+00	3.67E-04	0.00E+00	0.00E+00	5.04E-04
174	ALL	671689.8	4342101	NonCancer	1.76E-05	5.12E-05	2.72E-04	0.00E+00	0.00E+00	2.14E-04	4.48E-05	0.00E+00	2.16E-06	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	2.72E-04
175	ALL	671911.1	4342101	NonCancer	1.57E-05	4.41E-05	1.64E-04	0.00E+00	0.00E+00	1.16E-04	2.69E-05	0.00E+00	1.61E-06	0.00E+00	0.00E+00	7.26E-05	0.00E+00	0.00E+00	1.64E-04
176	ALL	672132.4	4342101	NonCancer	1.19E-05	3.49E-05	9.94E-05	0.00E+00	0.00E+00	5.85E-05	1.80E-05	0.00E+00	1.22E-06	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	9.94E-05
177	ALL	672353.7	4342101	NonCancer	8.54E-06	2.26E-05	5.46E-05	0.00E+00	0.00E+00	3.29E-05	1.22E-05	0.00E+00	7.01E-07	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	5.46E-05
178	ALL	672575	4342101	NonCancer	1.22E-05	3.28E-05	9.26E-05	0.00E+00	0.00E+00	6.03E-05	1.03E-05	0.00E+00	1.07E-06	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	9.26E-05
179	ALL	668148.8	4342266	NonCancer	4.97E-06	1.86E-05	5.01E-05	0.00E+00	0.00E+00	2.04E-05	7.04E-06	0.00E+00	7.37E-07	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	5.01E-05
180	ALL	668370.1	4342266	NonCancer	5.66E-06	2.01E-05	5.28E-05	0.00E+00	0.00E+00	2.22E-05	7.68E-06	0.00E+00	7.75E-07	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	5.28E-05
181	ALL	668591.4	4342266	NonCancer	5.90E-06	2.00E-05	5.10E-05	0.00E+00	0.00E+00	2.23E-05	8.02E-06	0.00E+00	7.45E-07	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	5.10E-05
182	ALL	668812.7	4342266	NonCancer	6.58E-06	2.18E-05	5.47E-05	0.00E+00	0.00E+00	2.43E-05	8.69E-06	0.00E+00	7.97E-07	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	5.47E-05
183	ALL	669034	4342266	NonCancer	7.04E-06	2.16E-05	5.16E-05	0.00E+00	0.00E+00	2.45E-05	9.06E-06	0.00E+00	7.46E-07	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	5.16E-05
184	ALL	669255.3	4342266	NonCancer	7.74E-06	1.99E-05	4.12E-05	0.00E+00	0.00E+00	2.34E-05	9.74E-06	0.00E+00	5.80E-07	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	4.12E-05
185	ALL	669476.7	4342266	NonCancer	9.16E-06	2.27E-05	4.52E-05	0.00E+00	0.00E+00	2.68E-05	1.09E-05	0.00E+00	6.33E-07	0.00E+00	0.00E+00	4.16E-06	0.00E+00	0.00E+00	4.52E-05
186	ALL	669698	4342266	NonCancer	1.12E-05	2.71E-05	5.24E-05	0.00E+00	0.00E+00	3.21E-05	1.37E-05	0.00E+00	7.30E-07	0.00E+00	0.00E+00	5.07E-06	0.00E+00	0.00E+00	5.24E-05
187	ALL	669919.3	4342266	NonCancer	1.21E-05	2.94E-05	5.79E-05	0.00E+00	0.00E+00	3.56E-05	1.60E-05	0.00E+00	8.00E-07	0.00E+00	0.00E+00	6.21E-06	0.00E+00	0.00E+00	5.79E-05
188	ALL	670140.6	4342266	NonCancer	1.29E-05	3.12E-05	7.98E-05	0.00E+00	0.00E+00	5.66E-05	1.93E-05	0.00E+00	9.01E-07	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	7.98E-05
189	ALL	670361.9	4342266	NonCancer	1.32E-05	3.18E-05	6.79E-05	0.00E+00	0.00E+00	4.40E-05	2.47E-05	0.00E+00	8.80E-07	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	6.79E-05
190	ALL	670583.2	4342266	NonCancer	1.41E-05	3.49E-05	9.44E-05	0.00E+00	0.00E+00	6.63E-05	4.01E-05	0.00E+00	1.05E-06	0.00E+00	0.00E+00	3.16E-05	0.00E+00	0.00E+00	9.44E-05
191	ALL	670804.5	4342266	NonCancer	2.06E-05	4.97E-05	1.99E-04	0.00E+00	0.00E+00	1.62E-04	7.66E-05	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	1.99E-04
192	ALL	671025.8	4342266	NonCancer	3.97E-05	1.07E-04	4.77E-04	0.00E+00	0.00E+00	3.70E-04	2.34E-04	0.00E+00	4.06E-06	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	4.77E-04
193	ALL	671247.1	4342266	NonCancer	4.05E-05	1.25E-04	4.73E-04	0.00E+00	0.00E+00	3.14E-04	1.58E-04	0.00E+00	4.90E-06	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	4.73E-04
194	ALL	671468.4	4342266	NonCancer	2.15E-05	6.15E-05	5.02E-04	0.00E+00	0.00E+00	4.37E-04	7.28E-05	0.00E+00	3.09E-06	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	5.02E-04
195	ALL	671689.8	4342266	NonCancer	1.70E-05	4.75E-05	2.10E-04	0.00E+00	0.00E+00	1.60E-04	4.26E-05	0.00E+00	1.82E-06	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	2.10E-04
196	ALL	671911.1	4342266	NonCancer	1.48E-05	4.29E-05	1.40E-04	0.00E+00	0.00E+00	9.15E-05	2.67E-05	0.00E+00	1.54E-06	0.00E+00	0.00E+00	4.88E-05	0.00E+00	0.00E+00	1.40E-04
197	ALL	672132.4	4342266	NonCancer	1.27E-05	3.66E-05	1.12E-04	0.00E+00	0.00E+00	7.02E-05	1.82E-05	0.00E+00	1.28E-06	0.00E+00	0.00E+00	3.37E-05	0.00E+00	0.00E+00	1.12E-04

198	ALL	672353.7	4342266	NonCancer	1.15E-05	3.28E-05	9.33E-05	0.00E+00	0.00E+00	5.70E-05	1.33E-05	0.00E+00	1.12E-06	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	9.33E-05
199	ALL	672575	4342266	NonCancer	1.20E-05	3.26E-05	6.99E-05	0.00E+00	0.00E+00	3.67E-05	1.10E-05	0.00E+00	1.01E-06	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	6.99E-05
200	ALL	668148.8	4342431	NonCancer	3.85E-06	1.24E-05	3.08E-05	0.00E+00	0.00E+00	1.41E-05	6.93E-06	0.00E+00	4.46E-07	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	3.08E-05
201	ALL	668370.1	4342431	NonCancer	5.54E-06	2.09E-05	5.64E-05	0.00E+00	0.00E+00	2.28E-05	7.97E-06	0.00E+00	8.30E-07	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	5.64E-05
202	ALL	668591.4	4342431	NonCancer	5.54E-06	1.89E-05	4.82E-05	0.00E+00	0.00E+00	2.09E-05	8.26E-06	0.00E+00	7.05E-07	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	4.82E-05
203	ALL	668812.7	4342431	NonCancer	6.08E-06	1.97E-05	4.90E-05	0.00E+00	0.00E+00	2.20E-05	8.87E-06	0.00E+00	7.14E-07	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	4.90E-05
204	ALL	669034	4342431	NonCancer	6.93E-06	2.20E-05	5.38E-05	0.00E+00	0.00E+00	2.46E-05	9.35E-06	0.00E+00	7.82E-07	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	5.38E-05
205	ALL	669255.3	4342431	NonCancer	8.07E-06	2.56E-05	6.27E-05	0.00E+00	0.00E+00	2.87E-05	9.89E-06	0.00E+00	9.11E-07	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	6.27E-05
206	ALL	669476.7	4342431	NonCancer	8.76E-06	2.55E-05	5.90E-05	0.00E+00	0.00E+00	2.94E-05	1.05E-05	0.00E+00	8.47E-07	0.00E+00	0.00E+00	3.83E-06	0.00E+00	0.00E+00	5.90E-05
207	ALL	669698	4342431	NonCancer	9.53E-06	2.67E-05	5.99E-05	0.00E+00	0.00E+00	3.12E-05	1.18E-05	0.00E+00	8.52E-07	0.00E+00	0.00E+00	4.53E-06	0.00E+00	0.00E+00	5.99E-05
208	ALL	669919.3	4342431	NonCancer	1.06E-05	2.79E-05	5.98E-05	0.00E+00	0.00E+00	3.35E-05	1.52E-05	0.00E+00	8.37E-07	0.00E+00	0.00E+00	5.62E-06	0.00E+00	0.00E+00	5.98E-05
209	ALL	670140.6	4342431	NonCancer	1.15E-05	3.02E-05	6.54E-05	0.00E+00	0.00E+00	3.71E-05	2.06E-05	0.00E+00	9.06E-07	0.00E+00	0.00E+00	6.89E-06	0.00E+00	0.00E+00	6.54E-05
210	ALL	670361.9	4342431	NonCancer	1.27E-05	3.30E-05	7.26E-05	0.00E+00	0.00E+00	4.25E-05	2.92E-05	0.00E+00	9.82E-07	0.00E+00	0.00E+00	9.56E-06	0.00E+00	0.00E+00	7.26E-05
211	ALL	670583.2	4342431	NonCancer	1.81E-05	4.75E-05	1.44E-04	0.00E+00	0.00E+00	9.97E-05	5.44E-05	0.00E+00	1.55E-06	0.00E+00	0.00E+00	5.23E-05	0.00E+00	0.00E+00	1.44E-04
212	ALL	670804.5	4342431	NonCancer	2.43E-05	6.63E-05	3.01E-04	0.00E+00	0.00E+00	2.33E-04	1.29E-04	0.00E+00	2.54E-06	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	3.01E-04
213	ALL	671025.8	4342431	NonCancer	4.23E-05	1.34E-04	5.17E-04	0.00E+00	0.00E+00	3.39E-04	1.93E-04	0.00E+00	5.35E-06	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	5.17E-04
214	ALL	671247.1	4342431	NonCancer	2.25E-05	6.67E-05	2.57E-04	0.00E+00	0.00E+00	1.77E-04	1.46E-04	0.00E+00	2.56E-06	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	2.57E-04
215	ALL	671468.4	4342431	NonCancer	1.62E-05	4.61E-05	3.76E-04	0.00E+00	0.00E+00	3.27E-04	5.82E-05	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	3.76E-04
216	ALL	671689.8	4342431	NonCancer	1.51E-05	4.09E-05	1.28E-04	0.00E+00	0.00E+00	8.65E-05	3.40E-05	0.00E+00	1.38E-06	0.00E+00	0.00E+00	4.57E-05	0.00E+00	0.00E+00	1.28E-04
217	ALL	671911.1	4342431	NonCancer	1.27E-05	3.53E-05	1.01E-04	0.00E+00	0.00E+00	6.32E-05	2.28E-05	0.00E+00	1.19E-06	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	1.01E-04
218	ALL	672132.4	4342431	NonCancer	1.18E-05	3.42E-05	1.03E-04	0.00E+00	0.00E+00	6.40E-05	1.70E-05	0.00E+00	1.20E-06	0.00E+00	0.00E+00	2.98E-05	0.00E+00	0.00E+00	1.03E-04
219	ALL	672353.7	4342431	NonCancer	1.28E-05	3.65E-05	1.01E-04	0.00E+00	0.00E+00	6.05E-05	1.37E-05	0.00E+00	1.24E-06	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	1.01E-04
220	ALL	672575	4342431	NonCancer	1.10E-05	2.76E-05	5.47E-05	0.00E+00	0.00E+00	3.15E-05	1.07E-05	0.00E+00	7.79E-07	0.00E+00	0.00E+00	3.88E-06	0.00E+00	0.00E+00	5.47E-05
221	ALL	668148.8	4342596	NonCancer	4.12E-06	1.42E-05	3.67E-05	0.00E+00	0.00E+00	1.59E-05	7.49E-06	0.00E+00	5.36E-07	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	3.67E-05
222	ALL	668370.1	4342596	NonCancer	4.52E-06	1.50E-05	3.77E-05	0.00E+00	0.00E+00	1.68E-05	8.02E-06	0.00E+00	5.48E-07	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	3.77E-05
223	ALL	668591.4	4342596	NonCancer	4.93E-06	1.54E-05	3.73E-05	0.00E+00	0.00E+00	1.74E-05	8.61E-06	0.00E+00	5.40E-07	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	3.73E-05
224	ALL	668812.7	4342596	NonCancer	6.44E-06	2.22E-05	5.69E-05	0.00E+00	0.00E+00	2.44E-05	9.68E-06	0.00E+00	8.35E-07	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	5.69E-05
225	ALL	669034	4342596	NonCancer	7.27E-06	2.45E-05	6.21E-05	0.00E+00	0.00E+00	2.71E-05	1.03E-05	0.00E+00	9.09E-07	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	6.21E-05
226	ALL	669255.3	4342596	NonCancer	8.54E-06	2.96E-05	7.63E-05	0.00E+00	0.00E+00	3.26E-05	1.10E-05	0.00E+00	1.12E-06	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	7.63E-05
227	ALL	669476.7	4342596	NonCancer	9.31E-06	3.07E-05	7.67E-05	0.00E+00	0.00E+00	3.41E-05	1.18E-05	0.00E+00	1.12E-06	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	7.67E-05
228	ALL	669698	4342596	NonCancer	9.82E-06	2.92E-05	6.85E-05	0.00E+00	0.00E+00	3.35E-05	1.35E-05	0.00E+00	9.84E-07	0.00E+00	0.00E+00	4.31E-06	0.00E+00	0.00E+00	6.85E-05
229	ALL	669919.3	4342596	NonCancer	1.15E-05	3.62E-05	8.82E-05	0.00E+00	0.00E+00	4.12E-05	1.59E-05	0.00E+00	1.27E-06	0.00E+00	0.00E+00	5.03E-06	0.00E+00	0.00E+00	8.82E-05
230	ALL	670140.6	4342596	NonCancer	1.26E-05	3.39E-05	7.44E-05	0.00E+00	0.00E+00	4.04E-05	2.30E-05	0.00E+00	1.05E-06	0.00E+00	0.00E+00	6.49E-06	0.00E+00	0.00E+00	7.44E-05
231	ALL	670361.9	4342596	NonCancer	1.63E-05	4.40E-05	9.61E-05	0.00E+00	0.00E+00	5.18E-05	4.27E-05	0.00E+00	1.36E-06	0.00E+00	0.00E+00	7.87E-06	0.00E+00	0.00E+00	9.61E-05
232	ALL	670583.2	4342596	NonCancer	1.69E-05	4.46E-05	1.21E-04	0.00E+00	0.00E+00	7.85E-05	7.71E-05	0.00E+00	1.42E-06	0.00E+00	0.00E+00	3.40E-05	0.00E+00	0.00E+00	1.21E-04
233	ALL	670804.5	4342596	NonCancer	2.59E-05	7.35E-05	2.53E-04	0.00E+00	0.00E+00	1.72E-04	1.08E-04	0.00E+00	2.65E-06	0.00E+00	0.00E+00	9.90E-05	0.00E+00	0.00E+00	2.53E-04
234	ALL	671025.8	4342596	NonCancer	3.45E-05	1.19E-04	4.45E-04	0.00E+00	0.00E+00	2.69E-04	1.43E-04	0.00E+00	4.93E-06	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	4.45E-04
235	ALL	671247.1	4342596	NonCancer	2.22E-05	7.05E-05	2.69E-04	0.00E+00	0.00E+00	1.76E-04	1.11E-04	0.00E+00	2.80E-06	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	2.69E-04
236	ALL	671468.4	4342596	NonCancer	1.21E-05	3.20E-05	3.06E-04	0.00E+00	0.00E+00	2.78E-04	4.92E-05	0.00E+00	1.68E-06	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	3.06E-04
237	ALL	671689.8	4342596	NonCancer	9.48E-06	2.34E-05	1.06E-04	0.00E+00	0.00E+00	8.79E-05	2.65E-05	0.00E+00	8.30E-07	0.00E+00	0.00E+00	6.47E-05	0.00E+00	0.00E+00	1.06E-04
238	ALL	671911.1	4342596	NonCancer	9.12E-06	2.26E-05	5.20E-05	0.00E+00	0.00E+00	3.37E-05	1.83E-05	0.00E+00	6.53E-07	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	5.20E-05
239	ALL	672132.4	4342596	NonCancer	1.03E-05	2.83E-05	7.51E-05	0.00E+00	0.00E+00	4.57E-05	1.46E-05	0.00E+00	9.25E-07	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	7.51E-05
240	ALL	672353.7	4342596	NonCancer	1.23E-05	3.66E-05	1.09E-04	0.00E+00	0.00E+00	6.53E-05	1.23E-05	0.00E+00	1.30E-06	0.00E+00	0.00E+00	2.88E-05	0.00E+00	0.00E+00	1.09E-04
241	ALL	672575	4342596	NonCancer	1.20E-05	3.32E-05	7.18E-05	0.00E+00	0.00E+00	3.68E-05	1.04E-05	0.00E+00	1.04E-06	0.00E+00	0.00E+00	3.62E-06	0.00E+00	0.00E+00	7.18E-05
242	ALL	668148.8	4342761	NonCancer	5.64E-06	2.36E-05	6.68E-05	0.00E+00	0.00E+00	2.53E-05	8.61E-06	0.00E+00	9.92E-07	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	6.68E-05
243	ALL	668370.1	4342761	NonCancer	6.25E-06	2.57E-05	7.24E-05	0.00E+00	0.00E+00	2.76E-05	9.36E-06	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	7.24E-05
244	ALL	668591.4	4342761	NonCancer	6.26E-06	2.40E-05	6.53E-05	0.00E+00	0.00E+00	2.60E-05	9.86E-06	0.00E+00	9.65E-07	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	6.53E-05
245	ALL	668812.7	4342761	NonCancer	7.01E-06	2.71E-05	7.39E-05	0.00E+00	0.00E+00	2.93E-05	1.08E-05	0.00E+00	1.09E-06	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	7.39E-05
246	ALL	669034	4342761	NonCancer	7.82E-06	2.92E-05	7.85E-05	0.00E+00	0.00E+00	3.19E-05	1.15E-05	0.00E+00	1.16E-06	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	7.85E-05
247	ALL	669255.3	4342761	NonCancer	8.41E-06	2.95E-05	7.65E-05	0.00E+00	0.00E+00	3.25E-05	1.18E-05	0.00E+00	1.12E-06	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	7.65E-05
248	ALL	669476.7	4342761	NonCancer	1.10E-05	4.20E-05	1.14E-04	0.00E+00	0.00E+00	4.54E-05	1.27E-05	0.00E+00	1.69E-06	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	1.14E-04
249	ALL	669698	4342761	NonCancer	1.07E-05	3.00E-05	6.68E-05	0.00E+00	0.00E+00	3.44E-05	1.53E-05	0.00E+00	9.57E-07	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	6.68E-05
250	ALL	669919.3	4342761	NonCancer	1.18E-05	3.28E-05	7.30E-05	0.00E+00	0.00E+00	3.78E-05	1.98E-05	0.00E+00	1.04E-06	0.00E+00	0.00E+00	4.99E-06	0.00E+00	0.00E+00	7.30E-05
251	ALL	670140.6	4342761	NonCancer	1.41E-05	3.59E-05	9.44E-05	0.00E+00	0.00E+00	6.32E-05	2.91E-05	0.00E+00	1.10E-06	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	9.44E-05
252	ALL	670361.9	4342761	NonCancer	1.64E-05	4.15E-05	1.12E-04	0.00E+00	0.00E+00	7.62E-05	4.92E-05	0.00E+00	1.28E-06	0.00E+00	0.00E+00	3.48E-05	0.00E+00	0.00E+00	1.12E-04
253	ALL	670583.2	4342761	NonCancer	1.54E-05	4.37E-05	1.27E-04	0.00E+00	0.00E+00	7.85E-05	7.57E-05	0.00E+00	1.50E-06	0.00E+00	0.00E+00	3.49E-05	0.00E+00	0.00E+00	1.27E-04
254	ALL	670804.5	4342761	NonCancer	2.86E-05	1.09E-04	3.81E-04	0.00E+00	0.00E+00	2.04E-04	9.32E-05	0.00E+00	4.62E-06	0.00E+00	0.00E+00	9.54E-05	0.00E+00	0.00E+00	3.81E-04
255	ALL	671025.8	4342761	NonCancer	2.37E-05	8.07E-05	3.16E-04	0.00E+00	0.00E+00	2.00E-04	1.02E-04	0.00E+00	3.35E-06	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	3.16E-04
256	ALL	671247.1	4342761	NonCancer	1.27E-05	3.38E-05	1.50E-04	0.00E+00	0.00E+00	1.17E-04	7.78E-05	0.00E+00	1.26E-06	0.00E+00	0.00E+00	8.36E-05	0.00E+00	0.00E+00	1.50E-04
257	ALL	671468.4	4342761	NonCancer	9.77E-06	2.50E-05	1.53E-04	0.00E+00	0.00E+00	1.32E-04	4.33E-05	0.00E+00	1.03E-06	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	1.53E-04
258	ALL	671689.8	4342761	NonCancer	8.47E-06	2.11E-05	9.77E-05	0.00E+00	0.00E+00	8.07E-05	2.41E-05	0.00E+00	7.61E-07	0.00E+00	0.00E+00	5.97E-05	0.00E+00	0.00E+00	9.77E-05
259	ALL	671911.1	4342761	NonCancer	7.29E-06	1.80E-05	6.48E-05	0.00E+00	0.00E+00	5.07E-05	1.53E-05	0.00E+00	5.86E-07	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	6.48E-05
260	ALL	672132.4	4342761	NonCancer	8.20E-06	2.07E-05	4.98E-05	0.00E+00	0.00E+00	3.23E-05	1.27E-05	0.00E+00	6.14E-07	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	4.98E-05
261	ALL	672353.7	4342761	NonCancer	1.22E-05	3.44E-05	9.76E-05	0.00E+00	0.00E+00	6.03E-05	1.10E-05	0.00E+00	1.17E-06	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	9.76E-05
262	ALL	672575	4342761	NonCancer	1.18E-05	3.38E-05	9.32E-05	0.00E+00	0.00E+00	5.51E-05	9.17E-06	0.00E+00	1.15E-06	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	9.32E-05
263	ALL	668148.8	4342926	NonCancer	6.25E-06	2.79E-05	8.11E-05	0.00E+00	0.00E+00	2.96E-05	9.47E-06	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	8.11E-05
264	ALL	668370.1	4342926	NonCancer	6.79E-06	3.00E-05	8.68E-05	0.00E+00	0.00E+00	3.18E-05	1.02E-05	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	8.68E-05
265	ALL	668591.4	4342926	NonCancer	6.30E-06	2.52E-05	7.00E-05	0.00E+00	0.00E+00	2.73E-05	1.05E-05	0.00E+00	1.04E-06	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	7.00E-05
266	ALL	668812.7	4342926	NonCancer	7.38E-06	2.99E-05	8.35E-05	0.00E+00	0.00E+00	3.21E-05	1.12E-05	0.00E+00	1.24E-06	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	8.35E-05
267	ALL	669034	4342926	NonCancer	8.43E-06	3.37E-05	9.35E-05	0.00E+00	0.00E+00	3.62E-05	1.17E-05	0.00E+00	1.39E-06	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	9.35E-05
268	ALL	669476.7	4342926	NonCancer	1.03E-05	3.99E-05	1.09E-04	0.00E+00	0.00E+00	4.32E-05	1.32E-05	0.00E+00	1.61E-06	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	1.09E-04
269	ALL	669698	4342926	NonCancer	1.12E-05	3.54E-05	8.58E-05	0.00E+00	0.00E+00	3.93E-05	1.82E-05	0.00E+00	1.25E-06	0.00E+00	0.00E+00	3.91E-06	0.00E+00	0.00E+00	8.58E-05
270	ALL	669919.3	4342926	NonCancer	1.27E-05	3.40E-05	8.72E-05	0.00E+00	0.00E+00	5.40E-05	2.29E-05	0.00E+00	1.08E-06	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	8.72E-05
271	ALL	670140.6	4342926	NonCancer	1.42E-05	3.92E-05	1.08E-04	0.00E+00	0.00E+00	6.66E-05	3.65E-05	0.00E+00	1.30E-06	0.00E+00	0.00E+00	2.75E-05	0.00E+00	0.00E+00	1.08E-04
272	ALL	670361.9	4342926	NonCancer	1.62E-05	4.84E-05	1.37E-04	0.00E+00	0.00E+00	7.84E-05	5.13E-05	0.00E+00	1.71E-06	0.00E+00	0.00E+00	3.01E-05	0.00E+00	0.00E+00	1.37E-04
273	ALL	670583.2	4342926	NonCancer	2.58E-05	9.17E-05	2.86E-04	0.00E+00	0.00E+00	1.48E-04	6.38E-05	0.00E+00	3.66E-06	0.00E+00	0.00E+00	5.61E-05	0.00E+00	0.00E+00	2.86E-04
274	ALL	670804.5	4342926	NonCancer	2.96E-05	1.12E-04	3.76E-04	0.00E+00	0.00E+00	1.95E-04	7.55E-05	0.00E+00	4.69E-06	0.00E+00	0.00E+00	8.32E-05	0.00E+00	0.00E+00	3.76E-04
275	ALL	671025.8	4342926	NonCancer	1.13E-05	2.80E-05	1.30E-04	0.00E+00	0.00E+00	1.07E-04	6.95E-05	0.00E+00	1.01E-06	0.00E+00	0.00E+00	7.97E-05	0.00E+00	0.00E+00	1.30E-04
276	ALL	671247.1	4342926	NonCancer	1.10E-05	2.72E-05	1.26E-04	0.00E+00	0.00E+00	1.05E-04	5.88E-05	0.00E+00	9.78E-07	0.00E+00	0.00E+00	7.76E-05	0.00E+00	0.00E+00	1.26E-04
277	ALL	671468.4	4342926	NonCancer	8.30E-06	2.05E-05	8.49E-05	0.00E+00	0.00E+00	6.85E-05	3.50E-05	0.00E+00	7.07E-07	0.00E+00	0.00E+00	4.81E-05	0.00E+00	0.00E+00	8.49E-05
278	ALL	671689.8	4342926	NonCancer	7.55E-06	1.82E-05	5.39E-05	0.00E+00	0.00E+00	4.03E-05	2.11E-05	0.00E+00	5.49E-07	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	5.39E-05
279	ALL	671911.1	4342926	NonCancer	6.50E-06	1.57E-05	7.53E-05	0.00E+00	0.00E+00	6.38E-05	1.37E-05	0.00E+00	5.61E-07	0.00E+00	0.00E+00	4.83E-05	0.00E+00	0.00E+00	7.53E-05
280	ALL	672132.4	4342926	NonCancer	6.20E-06	1.44E-05	3.02E-05	0.00E+00	0.00E+00	2.10E-05	9.73E-06	0.00E+00	3.77E-07	0.00E+00	0.00E+00	6.64E-06	0.00E+00	0.00E+00	3.02E-05
281	ALL	672353.7	4342926	NonCancer	8.43E-06	2.11E-05	5.21E-05	0.00E+00	0.00E+00	3.45E-05	9.50E-06	0.00E+00	6.26E-07	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	5.21E-05
282	ALL	672575	4342926	NonCancer	1.09E-05	2.93E-05	7.82E-05	0.00E+00	0.00E+00	4.93E-05	8.15E-06	0.00E+00	9.41E-07	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	7.82E-05
283	ALL	668148.8	4343090	NonCancer	5.95E-06	2.64E-05	7.63E-05	0.00E+00	0.00E+00	2.79E-05	9.66E-06	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	7.63E-05
284	ALL	668370.1	4343090	NonCancer	6.42E-06	2.81E-05	8.11E-05	0.00E+00	0.00E+00	2.98E-05	1.02E-05	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	8.11E-05
285	ALL	668591.4	4343090	NonCancer	7.35E-06	3.22E-05	9.27E-05	0.00E+00	0.00E+00	3.41E-05	1.07E-05	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	9.27E-05
286	ALL	669476.7	4343090	NonCancer	1.41E-05	6.54E-05	1.92E-04	0.00E+00	0.00E+00	6.83E-05	1.58E-05	0.00E+00	2.88E-06	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	1.92E-04
287	ALL	669698	4343090	NonCancer	1.18E-05	4.69E-05	1.29E-04	0.00E+00	0.00E+00	5.02E-05	1.88E-05	0.00E+00	1.92E-06	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	1.29E-04
288	ALL	669919.3	4343090	NonCancer	1.26E-05	4.59E-05	1.21E-04	0.00E+00	0.00E+00	4.98E-05	2.74E-05	0.00E+00	1.79E-06	0.00E+00	0.00E+00	3.94E-06	0.00E+00	0.00E+00	1.21E-04
289	ALL	670140.6	4343090	NonCancer	1.52E-05	4.66E-05	1.26E-04	0.00E+00	0.00E+00	6.72E-05	3.71E-05	0.00E+00	1.66E-06	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	1.26E-04
290	ALL	670361.9	4343090	NonCancer	2.20E-05	9.23E-05	2.61E-04	0.00E+00	0.00E+00	9.84E-05	5.09E-05	0.00E+00	3.88E-06	0.00E+00	0.00E+00	6.12E-06	0.00E+00	0.00E+00	2.61E-04
291	ALL	670583.2	4343090	NonCancer	2.07E-05	8.44E-05	2.61E-04	0.00E+00	0.00E+00	1.16E-04	5.40E-05	0.00E+00	3.58E-06	0.00E+00	0.00E+00	3.13E-05	0.00E+00	0.00E+00	2.61E-04
292	ALL	670804.5	4343090	NonCancer	2.14E-05	7.10E-05	2.66E-04	0.00E+00	0.00E+00	1.68E-04	5.97E-05	0.00E+00	2.87E-06	0.00E+00	0.00E+00	9.73E-05	0.00E+00	0.00E+00	2.66E-04
293	ALL	671025.8	4343090	NonCancer	9.43E-06	2.39E-05	1.10E-04	0.00E+00	0.00E+00	8.93E-05	5.22E-05	0.00E+00	8.71E-07	0.00E+00	0.00E+00	6.56E-05	0.00E+00	0.00E+00	1.10E-04
294	ALL	671247.1	4343090	NonCancer	9.49E-06	2.31E-05	1.07E-04	0.00E+00	0.00E+00	8.95E-05	4.53E-05	0.00E+00	8.21E-07	0.00E+00	0.00E+00	6.66E-05	0.00E+00	0.00E+00	1.07E-04
295	ALL	671468.4	4343090	NonCancer	7.37E-06	1.76E-05	4.90E-05	0.00E+00	0.00E+00	3.63E-05	2.95E-05	0.00E+00	5.14E-07	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	4.90E-05
296	ALL	671689.8	4343090	NonCancer	6.62E-06	1.56E-05	3.43E-05	0.00E+00	0.00E+00	2.35E-05	1.86E-05	0.00E+00	4.22E-07	0.00E+00	0.00E+00	7.96E-06	0.00E+00	0.00E+00	3.43E-05

297	ALL	671911.1	4343090	NonCancer	6.06E-06	1.43E-05	6.89E-05	0.00E+00	0.00E+00	0.00E+00	5.93E-05	1.24E-05	0.00E+00	5.01E-07	0.00E+00	0.00E+00	4.52E-05	0.00E+00	0.00E+00	6.89E-05
298	ALL	672132.4	4343090	NonCancer	5.22E-06	1.26E-05	4.71E-05	0.00E+00	0.00E+00	0.00E+00	3.78E-05	9.02E-06	0.00E+00	4.10E-07	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	4.71E-05
299	ALL	672353.7	4343090	NonCancer	5.07E-06	1.18E-05	2.36E-05	0.00E+00	0.00E+00	0.00E+00	1.59E-05	6.71E-06	0.00E+00	3.07E-07	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	2.36E-05
300	ALL	672575	4343090	NonCancer	5.81E-06	1.39E-05	3.15E-05	0.00E+00	0.00E+00	0.00E+00	2.15E-05	6.55E-06	0.00E+00	3.84E-07	0.00E+00	0.00E+00	7.65E-06	0.00E+00	0.00E+00	3.15E-05
301	ALL	668148.8	4343255	NonCancer	1.01E-05	5.19E-05	1.58E-04	0.00E+00	0.00E+00	0.00E+00	5.34E-05	1.11E-05	0.00E+00	2.38E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.58E-04
302	ALL	668370.1	4343255	NonCancer	1.01E-05	5.09E-05	1.54E-04	0.00E+00	0.00E+00	0.00E+00	5.26E-05	1.12E-05	0.00E+00	2.32E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.54E-04
303	ALL	668591.4	4343255	NonCancer	8.67E-06	4.09E-05	1.21E-04	0.00E+00	0.00E+00	0.00E+00	4.27E-05	1.07E-05	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	1.21E-04
304	ALL	669476.7	4343255	NonCancer	1.17E-05	5.19E-05	1.50E-04	0.00E+00	0.00E+00	0.00E+00	5.46E-05	1.71E-05	0.00E+00	2.24E-06	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	1.50E-04
305	ALL	669698	4343255	NonCancer	2.26E-05	1.17E-04	3.57E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04	2.55E-05	0.00E+00	5.37E-06	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	3.57E-04
306	ALL	669919.3	4343255	NonCancer	2.47E-05	1.24E-04	3.76E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-04	3.27E-05	0.00E+00	5.65E-06	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	3.76E-04
307	ALL	670140.6	4343255	NonCancer	2.49E-05	1.23E-04	3.71E-04	0.00E+00	0.00E+00	0.00E+00	1.27E-04	3.97E-05	0.00E+00	5.57E-06	0.00E+00	0.00E+00	4.12E-06	0.00E+00	0.00E+00	3.71E-04
308	ALL	670361.9	4343255	NonCancer	1.93E-05	8.68E-05	2.58E-04	0.00E+00	0.00E+00	0.00E+00	9.68E-05	4.16E-05	0.00E+00	3.79E-06	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	2.58E-04
309	ALL	670583.2	4343255	NonCancer	1.59E-05	6.39E-05	1.90E-04	0.00E+00	0.00E+00	0.00E+00	8.09E-05	4.32E-05	0.00E+00	2.67E-06	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	1.90E-04
310	ALL	670804.5	4343255	NonCancer	1.94E-05	7.02E-05	2.48E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04	4.99E-05	0.00E+00	2.92E-06	0.00E+00	0.00E+00	7.03E-05	0.00E+00	0.00E+00	2.48E-04
311	ALL	671025.8	4343255	NonCancer	8.08E-06	2.01E-05	9.22E-05	0.00E+00	0.00E+00	0.00E+00	7.59E-05	4.13E-05	0.00E+00	7.23E-07	0.00E+00	0.00E+00	5.59E-05	0.00E+00	0.00E+00	9.22E-05
312	ALL	671247.1	4343255	NonCancer	7.86E-06	1.87E-05	8.80E-05	0.00E+00	0.00E+00	0.00E+00	7.49E-05	3.51E-05	0.00E+00	6.54E-07	0.00E+00	0.00E+00	5.64E-05	0.00E+00	0.00E+00	8.80E-05
313	ALL	671468.4	4343255	NonCancer	6.84E-06	1.62E-05	4.63E-05	0.00E+00	0.00E+00	0.00E+00	3.48E-05	2.57E-05	0.00E+00	4.75E-07	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	4.63E-05
314	ALL	671689.8	4343255	NonCancer	5.83E-06	1.36E-05	2.86E-05	0.00E+00	0.00E+00	0.00E+00	1.94E-05	1.65E-05	0.00E+00	3.62E-07	0.00E+00	0.00E+00	5.78E-06	0.00E+00	0.00E+00	2.86E-05
315	ALL	671911.1	4343255	NonCancer	5.26E-06	1.23E-05	5.12E-05	0.00E+00	0.00E+00	0.00E+00	4.33E-05	1.12E-05	0.00E+00	4.02E-07	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	5.12E-05
316	ALL	672132.4	4343255	NonCancer	4.86E-06	1.15E-05	5.17E-05	0.00E+00	0.00E+00	0.00E+00	4.40E-05	8.20E-06	0.00E+00	3.90E-07	0.00E+00	0.00E+00	3.26E-05	0.00E+00	0.00E+00	5.17E-05
317	ALL	672353.7	4343255	NonCancer	4.70E-06	1.09E-05	2.23E-05	0.00E+00	0.00E+00	0.00E+00	1.52E-05	6.31E-06	0.00E+00	2.84E-07	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	2.23E-05
318	ALL	672575	4343255	NonCancer	4.10E-06	9.57E-06	1.94E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-05	4.89E-06	0.00E+00	2.52E-07	0.00E+00	0.00E+00	3.48E-06	0.00E+00	0.00E+00	1.94E-05
319	ALL	668148.8	4343420	NonCancer	1.36E-05	7.37E-05	2.28E-04	0.00E+00	0.00E+00	0.00E+00	7.53E-05	1.20E-05	0.00E+00	3.44E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	2.28E-04
320	ALL	668370.1	4343420	NonCancer	1.76E-05	9.73E-05	3.03E-04	0.00E+00	0.00E+00	0.00E+00	9.90E-05	1.36E-05	0.00E+00	4.58E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	3.03E-04
321	ALL	668591.4	4343420	NonCancer	2.19E-05	1.23E-04	3.84E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04	1.54E-05	0.00E+00	5.81E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	3.84E-04
322	ALL	668812.7	4343420	NonCancer	2.46E-05	1.38E-04	4.32E-04	0.00E+00	0.00E+00	0.00E+00	1.40E-04	1.70E-05	0.00E+00	6.53E-06	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	4.32E-04
323	ALL	669034	4343420	NonCancer	2.12E-05	1.16E-04	3.61E-04	0.00E+00	0.00E+00	0.00E+00	1.18E-04	1.70E-05	0.00E+00	5.45E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	3.61E-04
324	ALL	669255.3	4343420	NonCancer	1.81E-05	9.54E-05	2.92E-04	0.00E+00	0.00E+00	0.00E+00	9.75E-05	1.77E-05	0.00E+00	4.41E-06	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.92E-04
325	ALL	669476.7	4343420	NonCancer	2.09E-05	1.12E-04	3.44E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04	2.16E-05	0.00E+00	5.18E-06	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	3.44E-04
326	ALL	669698	4343420	NonCancer	1.17E-05	5.16E-05	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.45E-05	2.31E-05	0.00E+00	2.22E-06	0.00E+00	0.00E+00	2.92E-06	0.00E+00	0.00E+00	1.49E-04
327	ALL	669919.3	4343420	NonCancer	1.38E-05	6.21E-05	1.81E-04	0.00E+00	0.00E+00	0.00E+00	6.54E-05	2.81E-05	0.00E+00	2.70E-06	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	1.81E-04
328	ALL	670140.6	4343420	NonCancer	1.48E-05	6.83E-05	2.01E-04	0.00E+00	0.00E+00	0.00E+00	7.17E-05	3.15E-05	0.00E+00	3.00E-06	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	2.01E-04
329	ALL	670361.9	4343420	NonCancer	1.37E-05	5.90E-05	1.72E-04	0.00E+00	0.00E+00	0.00E+00	6.62E-05	3.43E-05	0.00E+00	2.52E-06	0.00E+00	0.00E+00	7.23E-06	0.00E+00	0.00E+00	1.72E-04
330	ALL	670583.2	4343420	NonCancer	1.29E-05	5.13E-05	1.64E-04	0.00E+00	0.00E+00	0.00E+00	7.69E-05	3.62E-05	0.00E+00	2.17E-06	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	1.64E-04
331	ALL	670804.5	4343420	NonCancer	1.49E-05	4.94E-05	1.68E-04	0.00E+00	0.00E+00	0.00E+00	9.94E-05	4.03E-05	0.00E+00	1.94E-06	0.00E+00	0.00E+00	5.02E-05	0.00E+00	0.00E+00	1.68E-04
332	ALL	671025.8	4343420	NonCancer	1.34E-05	4.18E-05	1.63E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04	3.69E-05	0.00E+00	1.65E-06	0.00E+00	0.00E+00	6.77E-05	0.00E+00	0.00E+00	1.63E-04
333	ALL	671247.1	4343420	NonCancer	8.82E-06	2.27E-05	1.03E-04	0.00E+00	0.00E+00	0.00E+00	8.28E-05	3.12E-05	0.00E+00	8.34E-07	0.00E+00	0.00E+00	6.03E-05	0.00E+00	0.00E+00	1.03E-04
334	ALL	671468.4	4343420	NonCancer	5.90E-06	1.35E-05	5.39E-05	0.00E+00	0.00E+00	0.00E+00	4.58E-05	2.16E-05	0.00E+00	4.25E-07	0.00E+00	0.00E+00	3.25E-05	0.00E+00	0.00E+00	5.39E-05
335	ALL	671689.8	4343420	NonCancer	4.90E-06	1.13E-05	2.37E-05	0.00E+00	0.00E+00	0.00E+00	1.63E-05	1.50E-05	0.00E+00	2.98E-07	0.00E+00	0.00E+00	4.94E-06	0.00E+00	0.00E+00	2.37E-05
336	ALL	671911.1	4343420	NonCancer	4.69E-06	1.05E-05	2.64E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-05	1.03E-05	0.00E+00	2.80E-07	0.00E+00	0.00E+00	9.88E-06	0.00E+00	0.00E+00	2.64E-05
337	ALL	672132.4	4343420	NonCancer	4.13E-06	9.47E-06	4.61E-05	0.00E+00	0.00E+00	0.00E+00	4.05E-05	7.48E-06	0.00E+00	3.24E-07	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	4.61E-05
338	ALL	672353.7	4343420	NonCancer	3.87E-06	8.79E-06	3.08E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-05	5.68E-06	0.00E+00	2.62E-07	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	3.08E-05
339	ALL	672575	4343420	NonCancer	3.32E-06	7.71E-06	1.59E-05	0.00E+00	0.00E+00	0.00E+00	1.09E-05	4.50E-06	0.00E+00	2.02E-07	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	1.59E-05
340	ALL	668148.8	4343585	NonCancer	9.54E-06	4.89E-05	1.49E-04	0.00E+00	0.00E+00	0.00E+00	5.05E-05	1.03E-05	0.00E+00	2.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.49E-04
341	ALL	668370.1	4343585	NonCancer	9.96E-06	5.08E-05	1.55E-04	0.00E+00	0.00E+00	0.00E+00	5.25E-05	1.08E-05	0.00E+00	2.32E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.55E-04
342	ALL	668591.4	4343585	NonCancer	8.40E-06	4.10E-05	1.23E-04	0.00E+00	0.00E+00	0.00E+00	4.27E-05	1.07E-05	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.23E-04
343	ALL	668812.7	4343585	NonCancer	1.11E-05	5.65E-05	1.72E-04	0.00E+00	0.00E+00	0.00E+00	5.83E-05	1.28E-05	0.00E+00	2.58E-06	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	1.72E-04
344	ALL	669034	4343585	NonCancer	9.94E-06	4.77E-05	1.42E-04	0.00E+00	0.00E+00	0.00E+00	4.96E-05	1.40E-05	0.00E+00	2.13E-06	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	1.42E-04
345	ALL	669255.3	4343585	NonCancer	8.36E-06	3.73E-05	1.08E-04	0.00E+00	0.00E+00	0.00E+00	3.94E-05	1.57E-05	0.00E+00	1.61E-06	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	1.08E-04
346	ALL	669476.7	4343585	NonCancer	9.86E-06	4.48E-05	1.31E-04	0.00E+00	0.00E+00	0.00E+00	4.72E-05	1.89E-05	0.00E+00	1.96E-06	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	1.31E-04
347	ALL	669698	4343585	NonCancer	1.27E-05	6.04E-05	1.79E-04	0.00E+00	0.00E+00	0.00E+00	6.29E-05	2.24E-05	0.00E+00	2.69E-06	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	1.79E-04
348	ALL	669919.3	4343585	NonCancer	1.14E-05	5.16E-05	1.51E-04	0.00E+00	0.00E+00	0.00E+00	5.44E-05	2.50E-05	0.00E+00	2.25E-06	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	1.51E-04
349	ALL	670140.6	4343585	NonCancer	1.06E-05	4.46E-05	1.27E-04	0.00E+00	0.00E+00	0.00E+00	4.82E-05	2.73E-05	0.00E+00	1.89E-06	0.00E+00	0.00E+00	3.59E-06	0.00E+00	0.00E+00	1.27E-04
350	ALL	670361.9	4343585	NonCancer	1.07E-05	4.32E-05	1.22E-04	0.00E+00	0.00E+00	0.00E+00	4.81E-05	2.94E-05	0.00E+00	1.80E-06	0.00E+00	0.00E+00	4.87E-06	0.00E+00	0.00E+00	1.22E-04
351	ALL	670583.2	4343585	NonCancer	1.07E-05	3.92E-05	1.23E-04	0.00E+00	0.00E+00	0.00E+00	6.23E-05	3.08E-05	0.00E+00	1.59E-06	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	1.23E-04
352	ALL	670804.5	4343585	NonCancer	1.08E-05	3.48E-05	1.12E-04	0.00E+00	0.00E+00	0.00E+00	6.55E-05	3.16E-05	0.00E+00	1.33E-06	0.00E+00	0.00E+00	3.08E-05	0.00E+00	0.00E+00	1.12E-04
353	ALL	671025.8	4343585	NonCancer	1.24E-05	3.73E-05	1.35E-04	0.00E+00	0.00E+00	0.00E+00	9.03E-05	3.12E-05	0.00E+00	1.41E-06	0.00E+00	0.00E+00	5.32E-05	0.00E+00	0.00E+00	1.35E-04
354	ALL	671247.1	4343585	NonCancer	8.39E-06	2.26E-05	9.90E-05	0.00E+00	0.00E+00	0.00E+00	7.69E-05	2.64E-05	0.00E+00	8.44E-07	0.00E+00	0.00E+00	5.45E-05	0.00E+00	0.00E+00	9.90E-05
355	ALL	671468.4	4343585	NonCancer	5.78E-06	1.37E-05	5.95E-05	0.00E+00	0.00E+00	0.00E+00	5.02E-05	2.00E-05	0.00E+00	4.61E-07	0.00E+00	0.00E+00	3.66E-05	0.00E+00	0.00E+00	5.95E-05
356	ALL	671689.8	4343585	NonCancer	5.11E-06	1.15E-05	2.35E-05	0.00E+00	0.00E+00	0.00E+00	1.69E-05	1.47E-05	0.00E+00	2.89E-07	0.00E+00	0.00E+00	5.47E-06	0.00E+00	0.00E+00	2.35E-05
357	ALL	671911.1	4343585	NonCancer	4.24E-06	9.56E-06	1.89E-05	0.00E+00	0.00E+00	0.00E+00	1.33E-05	1.00E-05	0.00E+00	2.40E-07	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	1.89E-05
358	ALL	672132.4	4343585	NonCancer	3.98E-06	9.02E-06	3.86E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-05	7.37E-06	0.00E+00	2.90E-07	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	3.86E-05
359	ALL	672353.7	4343585	NonCancer	3.35E-06	7.85E-06	3.37E-05	0.00E+00	0.00E+00	0.00E+00	2.86E-05	5.44E-06	0.00E+00	2.60E-07	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	3.37E-05
360	ALL	672575	4343585	NonCancer	2.60E-06	6.55E-06	1.49E-05	0.00E+00	0.00E+00	0.00E+00	9.37E-06	4.30E-06	0.00E+00	1.92E-07	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	1.49E-05
361	ALL	668148.8	4343750	NonCancer	8.03E-06	4.00E-05	1.21E-04	0.00E+00	0.00E+00	0.00E+00	4.15E-05	9.72E-06	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.21E-04
362	ALL	668370.1	4343750	NonCancer	6.99E-06	3.27E-05	9.65E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-05	1.01E-05	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	9.65E-05
363	ALL	668591.4	4343750	NonCancer	7.42E-06	3.49E-05	1.03E-04	0.00E+00	0.00E+00	0.00E+00	3.65E-05	1.11E-05	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.03E-04
364	ALL	668812.7	4343750	NonCancer	8.44E-06	4.03E-05	1.20E-04	0.00E+00	0.00E+00	0.00E+00	4.20E-05	1.27E-05	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.20E-04
365	ALL	669034	4343750	NonCancer	7.47E-06	3.23E-05	9.25E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-05	1.47E-05	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	9.25E-05
366	ALL	669255.3	4343750	NonCancer	7.13E-06	2.93E-05	8.25E-05	0.00E+00	0.00E+00	0.00E+00	3.15E-05	1.67E-05	0.00E+00	1.22E-06	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	8.25E-05
367	ALL	669476.7	4343750	NonCancer	7.87E-06	3.35E-05	9.57E-05	0.00E+00	0.00E+00	0.00E+00	3.58E-05	1.87E-05	0.00E+00	1.42E-06	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	9.57E-05
368	ALL	669698	4343750	NonCancer	7.88E-06	3.29E-05	9.32E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-05	2.07E-05	0.00E+00	1.38E-06	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	9.32E-05
369	ALL	669919.3	4343750	NonCancer	8.95E-06	3.81E-05	1.09E-04	0.00E+00	0.00E+00	0.00E+00	4.06E-05	2.30E-05	0.00E+00	1.62E-06	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	1.09E-04
370	ALL	670140.6	4343750	NonCancer	8.84E-06	3.59E-05	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.90E-05	2.47E-05	0.00E+00	1.49E-06	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	1.01E-04
371	ALL	670361.9	4343750	NonCancer	8.40E-06	3.14E-05	8.53E-05	0.00E+00	0.00E+00	0.00E+00	3.51E-05	2.61E-05	0.00E+00	1.25E-06	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	8.53E-05
372	ALL	670583.2	4343750	NonCancer	9.22E-06	3.31E-05	9.89E-05	0.00E+00	0.00E+00	0.00E+00	4.81E-05	2.65E-05	0.00E+00	1.32E-06	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	9.89E-05
373	ALL	670804.5	4343750	NonCancer	9.52E-06	3.21E-05	1.07E-04	0.00E+00	0.00E+00	0.00E+00	6.10E-05	2.63E-05	0.00E+00	1.27E-06	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	1.07E-04
374	ALL	671025.8	4343750	NonCancer	9.69E-06	2.97E-05	1.05E-04	0.00E+00	0.00E+00	0.00E+00	6.77E-05	2.51E-05	0.00E+00	1.13E-06	0.00E+00	0.00E+00	3.82E-05	0.00E+00	0.00E+00	1.05E-04
375	ALL	671247.1	4343750	NonCancer	1.12E-05	2.80E-05	1.13E-04	0.00E+00	0.00E+00	0.00E+00	9.06E-05	2.29E-05	0.00E+00	9.61E-07	0.00E+00	0.00E+00	6.28E-05	0.00E+00	0.00E+00	1.13E-04
376	ALL	671468.4	4343750	NonCancer	9.82E-06	2.50E-05	9.96E-05	0.00E+00	0.00E+00	0.00E+00	7.83E-05	1.92E-05	0.00E+00	8.66E-07	0.00E+00	0.00E+00	5.34E-05	0.00E+00	0.00E+00	9.96E-05
377	ALL	671689.8	4343750	NonCancer	9.50E-06	2.31E-05	5.89E-05	0.00E+00	0.00E+00	0.00E+00	4.12E-05	1.54E-05	0.00E+00	6.72E-07	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	5.89E-05
378	ALL	671911.1	4343750	NonCancer	6.83E-06	1.80E-05	4.53E-05	0.00E+00	0.00E+00	0.00E+00	2.82E-05	1.18E-05	0.00E+00	5.62E-07	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	4.53E-05
379	ALL	672132.4	4343750	NonCancer	3.78E-06	8.87E-06	3.18E-05	0.00E+00	0.00E+00	0.00E+00	2.59E-05	7.85E-06	0.00E+00	2.76E-07	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	3.18E-05
380	ALL	672353.7	4343750	NonCancer	2.94E-06	7.18E-06	3.28E-05	0.00E+00	0.00E+00	0.00E+00	2.74E-05	5.49E-06	0.00E+00	2.53E-07	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	3.28E-05
381	ALL	672575	4343750	NonCancer	3.04E-06	7.21E-06	2.33E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-05	4.33E-06	0.00E+00	2.19E-07	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	2.33E-05
382	ALL	668148.8	4343915	NonCancer	6.69E-06	3.25E-05	9.73E-05	0.00E+00	0.00E+00	0.00E+00	3.38E-05	9.40E-06	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	9.73E-05
383	ALL	668370.1	4343915	NonCancer	6.16E-06	2.81E-05	8.23E-05	0.00E+00	0.00E+00	0.00E+00	2.96E-05	1.02E-05	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	8.23E-05
384	ALL	668591.4	4343915	NonCancer	5.99E-06	2.56E-05	7.30E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-05	1.15E-05	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	7.30E-05
385	ALL	668812.7	4343915	NonCancer	6.15E-06	2.61E-05	7.44E-05	0.00E+00	0.00E+00	0.00E+00	2.78E-05	1.29E-05	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	7.44E-05
386	ALL	669034	4343915	NonCancer	6.47E-06	2.63E-05	7.34E-05	0.00E+00	0.00E+00	0.00E+00	2.81E-05	1.53E-05	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	7.34E-05
387	ALL	669255.3	4343915	NonCancer	6.30E-06	2.40E-05	6.50E-05	0.00E+00	0.00E+00	0.00E+00	2.60E-05	1.74E-05	0.00E+00	9.61E-07	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	6.50E-05
388	ALL	669476.7	4343915	NonCancer	6.00E-06	2.23E-05	6.00E-05	0.00E+00	0.00E+00	0.00E+00	2.45E-05	1.86E-05	0.00E+00	8.82E-07	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	6.00E-05
389	ALL	669698	4343915	NonCancer	7.23E-06	2.98E-05	8.39E-05	0.00E+00	0.00E+00	0.00E+00	3.20E-05	2.00E-05	0.00E+00	1.24E-06	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	8.39E-05
390	ALL	669919.3	4343915	NonCancer	6.95E-06	2.71E-05	7.46E-05	0.00E+00	0.00E+00	0.00E+00	2.95E-05	2.10E-05	0.00E+00	1.10E-06	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	7.46E-05
391	ALL	670140.6	4343915	NonCancer	7.73E-06	3.05E-05	8.44E-05	0.00E+00	0.00E+00	0.00E+00	3.32E-05	2.26E-05	0.00E+00	1.25E-06	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	8.44E-05
392	ALL	670361.9	4343915	NonCancer	7.83E-06	2.99E-05	8.53E-05	0.00E+00	0.00E+00	0.00E+00	3.66E-05	2.32E-05	0.00E+00	1.21E-06	0.00E+00	0.00E+00	6.75E-06	0.00E+00	0.00E+00	8.53E-05
393	ALL	670583.2	4343915	NonCancer	7.35E-06	2.40E-05	6.75E-05	0.00E+00	0.00E+00	0.00E+00	3.46E-05	2.32E-05	0.00E+00	8.93E-07	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	6.75E-05
394	ALL	670804.5	4343915	NonCancer	8.00E-06	2.43E-05	7.96E-05	0.00E+00	0.00E+00	0.00E+00	4.96E-05	2.29E-05	0.00E+00	8.99E-07	0.00E+00	0.00E+00	2.55E-05	0.00E+00	0.00E+00	7.96E-05
395	ALL	671025.8	4343915	NonCancer	8.52E-06	2.33E-05	7.76E-05	0.00E+00	0.00E+00	0.00E+00	5.37E-05	2.19E-05	0.00E+00	8.08E-07	0.00E+00	0.00E+00	3.05E-05	0.00E+00	0.00E+00	7.76E-05

396	ALL	671247.1	4343915	NonCancer	8.83E-06	2.52E-05	9.51E-05	0.00E+00	0.00E+00	0.00E+00	6.72E-05	1.95E-05	0.00E+00	9.32E-07	0.00E+00	0.00E+00	4.22E-05	0.00E+00	0.00E+00	9.51E-05
397	ALL	671468.4	4343915	NonCancer	8.82E-06	2.13E-05	8.20E-05	0.00E+00	0.00E+00	0.00E+00	6.63E-05	1.68E-05	0.00E+00	6.99E-07	0.00E+00	0.00E+00	4.51E-05	0.00E+00	0.00E+00	8.20E-05
398	ALL	671689.8	4343915	NonCancer	8.46E-06	2.31E-05	6.17E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-05	1.38E-05	0.00E+00	7.55E-07	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	6.17E-05
399	ALL	671911.1	4343915	NonCancer	5.61E-06	1.50E-05	3.79E-05	0.00E+00	0.00E+00	0.00E+00	2.32E-05	1.08E-05	0.00E+00	4.74E-07	0.00E+00	0.00E+00	8.27E-06	0.00E+00	0.00E+00	3.79E-05
400	ALL	672132.4	4343915	NonCancer	5.07E-06	1.32E-05	3.33E-05	0.00E+00	0.00E+00	0.00E+00	2.13E-05	8.48E-06	0.00E+00	4.06E-07	0.00E+00	0.00E+00	8.12E-06	0.00E+00	0.00E+00	3.33E-05
401	ALL	672353.7	4343915	NonCancer	4.02E-06	9.87E-06	3.98E-05	0.00E+00	0.00E+00	0.00E+00	3.22E-05	6.25E-06	0.00E+00	3.33E-07	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	3.98E-05
402	ALL	672575	4343915	NonCancer	3.00E-06	7.27E-06	2.89E-05	0.00E+00	0.00E+00	0.00E+00	2.35E-05	4.71E-06	0.00E+00	2.41E-07	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	2.89E-05
403	ALL	668148.8	4344080	NonCancer	6.06E-06	2.88E-05	8.56E-05	0.00E+00	0.00E+00	0.00E+00	3.01E-05	9.59E-06	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	8.56E-05
404	ALL	668370.1	4344080	NonCancer	5.93E-06	2.71E-05	7.95E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-05	1.05E-05	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	7.95E-05
405	ALL	668591.4	4344080	NonCancer	5.32E-06	2.22E-05	6.28E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-05	1.18E-05	0.00E+00	9.33E-07	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	6.28E-05
406	ALL	668812.7	4344080	NonCancer	5.68E-06	2.31E-05	6.44E-05	0.00E+00	0.00E+00	0.00E+00	2.47E-05	1.36E-05	0.00E+00	9.55E-07	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	6.44E-05
407	ALL	669034	4344080	NonCancer	5.72E-06	2.19E-05	5.96E-05	0.00E+00	0.00E+00	0.00E+00	2.37E-05	1.57E-05	0.00E+00	8.81E-07	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	5.96E-05
408	ALL	669255.3	4344080	NonCancer	5.65E-06	2.03E-05	5.34E-05	0.00E+00	0.00E+00	0.00E+00	2.22E-05	1.75E-05	0.00E+00	7.85E-07	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	5.34E-05
409	ALL	669476.7	4344080	NonCancer	5.52E-06	2.04E-05	5.48E-05	0.00E+00	0.00E+00	0.00E+00	2.24E-05	1.77E-05	0.00E+00	8.05E-07	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	5.48E-05
410	ALL	669698	4344080	NonCancer	6.27E-06	2.46E-05	6.78E-05	0.00E+00	0.00E+00	0.00E+00	2.67E-05	1.88E-05	0.00E+00	1.00E-06	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	6.78E-05
411	ALL	669919.3	4344080	NonCancer	6.66E-06	2.60E-05	7.17E-05	0.00E+00	0.00E+00	0.00E+00	2.83E-05	1.98E-05	0.00E+00	1.06E-06	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	7.17E-05
412	ALL	670140.6	4344080	NonCancer	6.00E-06	1.90E-05	4.69E-05	0.00E+00	0.00E+00	0.00E+00	2.16E-05	2.11E-05	0.00E+00	6.78E-07	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	4.69E-05
413	ALL	670361.9	4344080	NonCancer	6.92E-06	2.55E-05	7.09E-05	0.00E+00	0.00E+00	0.00E+00	3.07E-05	2.05E-05	0.00E+00	1.01E-06	0.00E+00	0.00E+00	5.26E-06	0.00E+00	0.00E+00	7.09E-05
414	ALL	670583.2	4344080	NonCancer	7.08E-06	2.45E-05	6.74E-05	0.00E+00	0.00E+00	0.00E+00	3.13E-05	2.07E-05	0.00E+00	9.39E-07	0.00E+00	0.00E+00	6.80E-06	0.00E+00	0.00E+00	6.74E-05
415	ALL	670804.5	4344080	NonCancer	7.48E-06	2.11E-05	6.45E-05	0.00E+00	0.00E+00	0.00E+00	4.13E-05	2.06E-05	0.00E+00	7.33E-07	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	6.45E-05
416	ALL	671025.8	4344080	NonCancer	8.73E-06	2.10E-05	6.90E-05	0.00E+00	0.00E+00	0.00E+00	5.37E-05	1.88E-05	0.00E+00	6.49E-07	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	6.90E-05
417	ALL	671247.1	4344080	NonCancer	7.76E-06	1.94E-05	7.08E-05	0.00E+00	0.00E+00	0.00E+00	5.49E-05	1.72E-05	0.00E+00	6.44E-07	0.00E+00	0.00E+00	3.56E-05	0.00E+00	0.00E+00	7.08E-05
418	ALL	671468.4	4344080	NonCancer	7.40E-06	2.07E-05	7.04E-05	0.00E+00	0.00E+00	0.00E+00	4.83E-05	1.53E-05	0.00E+00	7.33E-07	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	7.04E-05
419	ALL	671689.8	4344080	NonCancer	5.68E-06	1.61E-05	4.32E-05	0.00E+00	0.00E+00	0.00E+00	2.55E-05	1.22E-05	0.00E+00	5.40E-07	0.00E+00	0.00E+00	9.45E-06	0.00E+00	0.00E+00	4.32E-05
420	ALL	671911.1	4344080	NonCancer	3.09E-06	7.55E-06	1.82E-05	0.00E+00	0.00E+00	0.00E+00	1.23E-05	8.75E-06	0.00E+00	2.18E-07	0.00E+00	0.00E+00	4.80E-06	0.00E+00	0.00E+00	1.82E-05
421	ALL	672132.4	4344080	NonCancer	2.73E-06	6.24E-06	1.29E-05	0.00E+00	0.00E+00	0.00E+00	9.10E-06	6.55E-06	0.00E+00	1.61E-07	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	1.29E-05
422	ALL	672353.7	4344080	NonCancer	2.42E-06	5.88E-06	2.18E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-05	5.32E-06	0.00E+00	1.91E-07	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	2.18E-05
423	ALL	672575	4344080	NonCancer	2.02E-06	5.20E-06	2.13E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-05	4.17E-06	0.00E+00	1.83E-07	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	2.13E-05
424	ALL	671464.7	4342094	NonCancer	2.45E-05	7.06E-05	5.21E-04	0.00E+00	0.00E+00	0.00E+00	4.44E-04	8.89E-05	0.00E+00	3.40E-06	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	5.21E-04
425	ALL	671482.2	4342064	NonCancer	2.55E-05	7.59E-05	5.22E-04	0.00E+00	0.00E+00	0.00E+00	4.34E-04	8.11E-05	0.00E+00	3.60E-06	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	5.22E-04
426	ALL	671498.6	4342030	NonCancer	3.25E-05	8.80E-05	5.08E-04	0.00E+00	0.00E+00	0.00E+00	4.22E-04	7.21E-05	0.00E+00	3.67E-06	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	5.08E-04
427	ALL	671513.8	4341992	NonCancer	3.37E-05	9.27E-05	5.58E-04	0.00E+00	0.00E+00	0.00E+00	4.65E-04	6.32E-05	0.00E+00	3.96E-06	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	5.58E-04
428	ALL	671541.8	4341965	NonCancer	3.29E-05	9.08E-05	5.27E-04	0.00E+00	0.00E+00	0.00E+00	4.35E-04	5.48E-05	0.00E+00	3.84E-06	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	5.27E-04
429	ALL	671575.6	4341974	NonCancer	3.07E-05	8.27E-05	4.55E-04	0.00E+00	0.00E+00	0.00E+00	3.76E-04	5.12E-05	0.00E+00	3.37E-06	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	4.55E-04
430	ALL	671460.8	4342163	NonCancer	2.15E-05	5.81E-05	3.80E-04	0.00E+00	0.00E+00	0.00E+00	3.23E-04	8.57E-05	0.00E+00	2.56E-06	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	3.80E-04
431	ALL	671451	4342187	NonCancer	2.13E-05	5.75E-05	3.04E-04	0.00E+00	0.00E+00	0.00E+00	2.48E-04	8.63E-05	0.00E+00	2.31E-06	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	3.04E-04
432	ALL	671510.7	4342220	NonCancer	1.95E-05	5.45E-05	3.26E-04	0.00E+00	0.00E+00	0.00E+00	2.69E-04	6.91E-05	0.00E+00	2.35E-06	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	3.26E-04
433	ALL	671524.1	4342193	NonCancer	1.93E-05	5.18E-05	3.37E-04	0.00E+00	0.00E+00	0.00E+00	2.87E-04	6.75E-05	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	3.37E-04
434	ALL	671522.9	4342251	NonCancer	2.01E-05	5.57E-05	2.98E-04	0.00E+00	0.00E+00	0.00E+00	2.41E-04	6.32E-05	0.00E+00	2.28E-06	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	2.98E-04
435	ALL	671599.1	4342253	NonCancer	1.88E-05	5.08E-05	2.55E-04	0.00E+00	0.00E+00	0.00E+00	2.05E-04	5.28E-05	0.00E+00	2.00E-06	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	2.55E-04
436	ALL	671627.8	4342257	NonCancer	1.84E-05	5.07E-05	2.49E-04	0.00E+00	0.00E+00	0.00E+00	1.97E-04	4.91E-05	0.00E+00	2.00E-06	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	2.49E-04
437	ALL	671583.9	4342116	NonCancer	1.70E-05	4.49E-05	3.08E-04	0.00E+00	0.00E+00	0.00E+00	2.67E-04	5.73E-05	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	3.08E-04
438	ALL	671595.5	4342072	NonCancer	1.73E-05	4.62E-05	3.19E-04	0.00E+00	0.00E+00	0.00E+00	2.75E-04	5.48E-05	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	3.19E-04
439	ALL	671663.1	4342056	NonCancer	1.86E-05	5.26E-05	2.97E-04	0.00E+00	0.00E+00	0.00E+00	2.41E-04	4.62E-05	0.00E+00	2.23E-06	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	2.97E-04
440	ALL	671600.9	4342030	NonCancer	2.25E-05	5.90E-05	3.71E-04	0.00E+00	0.00E+00	0.00E+00	3.18E-04	5.25E-05	0.00E+00	2.50E-06	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	3.71E-04
441	ALL	671526.6	4342156	NonCancer	1.86E-05	4.98E-05	3.64E-04	0.00E+00	0.00E+00	0.00E+00	3.17E-04	6.81E-05	0.00E+00	2.29E-06	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	3.64E-04
442	ALL	671629	4342292	NonCancer	1.86E-05	5.09E-05	2.26E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04	4.61E-05	0.00E+00	1.94E-06	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	2.26E-04
443	ALL	671641.8	4341981	NonCancer	2.58E-05	7.07E-05	3.61E-04	0.00E+00	0.00E+00	0.00E+00	2.90E-04	4.42E-05	0.00E+00	2.83E-06	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	3.61E-04
444	ALL	671666.8	4342019	NonCancer	2.30E-05	6.30E-05	3.16E-04	0.00E+00	0.00E+00	0.00E+00	2.52E-04	4.43E-05	0.00E+00	2.50E-06	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	3.16E-04
445	ALL	671407.1	4342220	NonCancer	2.32E-05	6.65E-05	8.04E-04	0.00E+00	0.00E+00	0.00E+00	7.35E-04	9.58E-05	0.00E+00	4.13E-06	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	8.04E-04
446	ALL	671415.6	4342183	NonCancer	2.37E-05	6.88E-05	8.66E-04	0.00E+00	0.00E+00	0.00E+00	7.93E-04	1.01E-04	0.00E+00	4.39E-06	0.00E+00	0.00E+00	7.27E-04	0.00E+00	0.00E+00	8.66E-04
447	ALL	671635.1	4341706	NonCancer	2.40E-05	6.04E-05	4.06E-04	0.00E+00	0.00E+00	0.00E+00	3.58E-04	2.41E-05	0.00E+00	2.57E-06	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	4.06E-04
448	ALL	671693.6	4341710	NonCancer	2.16E-05	5.45E-05	3.55E-04	0.00E+00	0.00E+00	0.00E+00	3.11E-04	2.27E-05	0.00E+00	2.29E-06	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	3.55E-04
449	ALL	671719.8	4341736	NonCancer	2.08E-05	5.20E-05	3.35E-04	0.00E+00	0.00E+00	0.00E+00	2.94E-04	2.33E-05	0.00E+00	2.16E-06	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	3.35E-04
450	ALL	671673.5	4341630	NonCancer	2.33E-05	5.18E-05	3.13E-04	0.00E+00	0.00E+00	0.00E+00	2.87E-04	1.97E-05	0.00E+00	1.90E-06	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	3.13E-04
451	ALL	671888	4341936	NonCancer	2.15E-05	5.42E-05	2.04E-04	0.00E+00	0.00E+00	0.00E+00	1.59E-04	2.49E-05	0.00E+00	1.82E-06	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	2.04E-04
452	ALL	671977.6	4341952	NonCancer	1.92E-05	5.09E-05	1.56E-04	0.00E+00	0.00E+00	0.00E+00	1.07E-04	2.17E-05	0.00E+00	1.68E-06	0.00E+00	0.00E+00	5.66E-05	0.00E+00	0.00E+00	1.56E-04
453	ALL	672039.2	4341895	NonCancer	1.59E-05	4.36E-05	1.24E-04	0.00E+00	0.00E+00	0.00E+00	7.98E-05	1.81E-05	0.00E+00	1.45E-06	0.00E+00	0.00E+00	3.63E-05	0.00E+00	0.00E+00	1.24E-04
454	ALL	671858.2	4341754	NonCancer	2.45E-05	5.30E-05	2.18E-04	0.00E+00	0.00E+00	0.00E+00	1.95E-04	2.05E-05	0.00E+00	1.59E-06	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	2.18E-04
455	ALL	671922.8	4341634	NonCancer	1.64E-05	4.36E-05	1.78E-04	0.00E+00	0.00E+00	0.00E+00	1.36E-04	1.52E-05	0.00E+00	1.57E-06	0.00E+00	0.00E+00	9.28E-05	0.00E+00	0.00E+00	1.78E-04
456	ALL	671613.7	4341791	NonCancer	2.51E-05	6.67E-05	4.21E-04	0.00E+00	0.00E+00	0.00E+00	3.59E-04	3.03E-05	0.00E+00	2.86E-06	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	4.21E-04
457	ALL	671853.3	4341731	NonCancer	2.04E-05	4.71E-05	2.25E-04	0.00E+00	0.00E+00	0.00E+00	1.96E-04	1.97E-05	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	2.25E-04
458	ALL	671783.8	4341586	NonCancer	1.91E-05	4.37E-05	1.99E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04	1.60E-05	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	1.99E-04
459	ALL	671783.2	4341547	NonCancer	1.88E-05	4.30E-05	1.83E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04	1.49E-05	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	1.83E-04
460	ALL	671769.2	4341461	NonCancer	2.21E-05	4.78E-05	2.66E-04	0.00E+00	0.00E+00	0.00E+00	2.45E-04	1.41E-05	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	2.66E-04
461	ALL	671800.9	4341421	NonCancer	2.14E-05	4.86E-05	2.41E-04	0.00E+00	0.00E+00	0.00E+00	2.14E-04	1.30E-05	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	2.41E-04
462	ALL	671880.1	4341427	NonCancer	1.87E-05	5.00E-05	1.61E-04	0.00E+00	0.00E+00	0.00E+00	1.13E-04	1.16E-05	0.00E+00	1.68E-06	0.00E+00	0.00E+00	6.33E-05	0.00E+00	0.00E+00	1.61E-04
463	ALL	672012.4	4341505	NonCancer	1.38E-05	4.32E-05	1.25E-04	0.00E+00	0.00E+00	0.00E+00	6.91E-05	1.13E-05	0.00E+00	1.58E-06	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	1.25E-04
464	ALL	672084.3	4341548	NonCancer	1.41E-05	4.45E-05	1.29E-04	0.00E+00	0.00E+00	0.00E+00	7.08E-05	1.18E-05	0.00E+00	1.64E-06	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	1.29E-04
465	ALL	671915.5	4341478	NonCancer	1.82E-05	5.03E-05	1.59E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04	1.20E-05	0.00E+00	1.73E-06	0.00E+00	0.00E+00	5.59E-05	0.00E+00	0.00E+00	1.59E-04
466	ALL	671903.3	4341564	NonCancer	1.84E-05	4.84E-05	1.77E-04	0.00E+00	0.00E+00	0.00E+00	1.32E-04	1.37E-05	0.00E+00	1.67E-06	0.00E+00	0.00E+00	8.34E-05	0.00E+00	0.00E+00	1.77E-04
467	ALL	671863.1	4341522	NonCancer	1.87E-05	4.68E-05	1.72E-04	0.00E+00	0.00E+00	0.00E+00	1.33E-04	1.32E-05	0.00E+00	1.56E-06	0.00E+00	0.00E+00	8.66E-05	0.00E+00	0.00E+00	1.72E-04
468	ALL	671830.1	4341336	NonCancer	1.99E-05	4.77E-05	2.02E-04	0.00E+00	0.00E+00	0.00E+00	1.68E-04	1.18E-05	0.00E+00	1.60E-06	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	2.02E-04
469	ALL	671835.6	4341288	NonCancer	1.94E-05	4.61E-05	1.75E-04	0.00E+00	0.00E+00	0.00E+00	1.44E-04	1.10E-05	0.00E+00	1.48E-06	0.00E+00	0.00E+00	9.78E-05	0.00E+00	0.00E+00	1.75E-04
470	ALL	671825.9	4341275	NonCancer	1.87E-05	4.46E-05	1.70E-04	0.00E+00	0.00E+00	0.00E+00	1.39E-04	1.09E-05	0.00E+00	1.43E-06	0.00E+00	0.00E+00	9.45E-05	0.00E+00	0.00E+00	1.70E-04
471	ALL	672136.7	4341371	NonCancer	9.02E-06	2.65E-05	6.86E-05	0.00E+00	0.00E+00	0.00E+00	3.75E-05	7.42E-06	0.00E+00	9.06E-07	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	6.86E-05
472	ALL	671920.3	4341307	NonCancer	1.81E-05	5.29E-05	1.70E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04	1.07E-05	0.00E+00	1.90E-06	0.00E+00	0.00E+00	5.61E-05	0.00E+00	0.00E+00	1.70E-04
473	ALL	671695.4	4341257	NonCancer	2.00E-05	5.23E-05	2.88E-04	0.00E+00	0.00E+00	0.00E+00	2.41E-04	1.25E-05	0.00E+00	2.09E-06	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	2.88E-04
474	ALL	671682	4341176	NonCancer	1.75E-05	5.09E-05	2.31E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04	1.19E-05	0.00E+00	2.02E-06	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	2.31E-04
475	ALL	671991.7	4341196	NonCancer	1.61E-05	4.79E-05	1.44E-04	0.00E+00	0.00E+00	0.00E+00	8.71E-05	9.32E-06	0.00E+00	1.71E-06	0.00E+00	0.00E+00	3.94E-05	0.00E+00	0.00E+00	1.44E-04
476	ALL	672022.1	4341232	NonCancer	1.49E-05	4.73E-05	1.36E-04	0.00E+00	0.00E+00	0.00E+00	7.41E-05	9.13E-06	0.00E+00	1.73E-06	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	1.36E-04
477	ALL	671992.3	4341178	NonCancer	1.42E-05	4.45E-05	1.34E-04	0.00E+00	0.00E+00	0.00E+00	7.65E-05	9.27E-06	0.00E+00	1.64E-06	0.00E+00	0.00E+00	3.21E-05	0.00E+00	0.00E+00	1.34E-04
478	ALL	671540.6	4341238	NonCancer	1.46E-05	4.29E-05	1.71E-04	0.00E+00	0.00E+00	0.00E+00	1.21E-04	1.26E-05	0.00E+00	1.64E-06	0.00E+00	0.00E+00	7.85E-05	0.00E+00	0.00E+00	1.71E-04
479	ALL	671575.3	4341178	NonCancer	1.25E-05	3.60E-05	1.47E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04	1.10E-05	0.00E+00	1.37E-06	0.00E+00	0.00E+00	7.03E-05	0.00E+00	0.00E+00	1.47E-04
480	ALL	671454.7	4341196	NonCancer	1.30E-05	3.76E-05	1.50E-04	0.00E+00	0.00E+00	0.00E+00	1.07E-04	1.30E-05	0.00E+00	1.43E-06	0.00E+00	0.00E+00	6.98E-05	0.00E+00	0.00E+00	1.50E-04
481	ALL	671523.5	4341116	NonCancer	1.10E-05	3.04E-05	1.27E-04	0.00E+00	0.00E+00	0.00E+00	9.54E-05	1.02E-05	0.00E+00	1.14E-06	0.00E+00	0.00E+00	6.51E-05	0.00E+00	0.00E+00	1.27E-04
482	ALL	671413.2	4341127	NonCancer	1.18E-05	3.32E-05	1.35E-04	0.00E+00	0.00E+00	0.00E+00	9.98E-05	1.30E-05	0.00E+00	1.25E-06	0.00E+00	0.00E+00	6.67E-05	0.00E+00	0.00E+00	1.35E-04
483	ALL	671471.1	4341065	NonCancer	1.05E-05	2.88E-05	1.19E-04	0.00E+00	0.00E+00	0.00E+00	8.97E-05	1.05E-05	0.00E+00	1.07E-06	0.00E+00	0.00E+00	6.11E-05	0.00E+00	0.00E+00	1.19E-04
484	ALL	671601.6	4341051	NonCancer	1.35E-05	4.10E-05	1.60E-04	0.00E+00	0.00E+00	0.00E+00	1.10E-04	1.02E-05	0.00E+00	1.60E-06	0.00E+00	0.00E+00	6.91E-05	0.00E+00	0.00E+00	1.60E-04
485	ALL	671198.6	4341254	NonCancer	1.08E-05	2.82E-05	2.40E-04	0.00E+00	0.00E+00	0.00E+00	2.16E-04	1.74E-05	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	2.40E-04
486	ALL	671278.5	4341212	NonCancer	1.19E-05	3.33E-05	1.35E-04	0.00E+00	0.00E+00	0.00E+00	9.96E-05	1.69E-05	0.00E+00	1.24E-06	0.00E+00	0.00E+00	6.65E-05	0.00E+00	0.00E+00	1.35E-04
487	ALL	671230.3	4341133	NonCancer	1.02E-05	2.66E-05	1.94E-04	0.00E+00	0.00E+00	0.00E+00	1.71E-04	1.43E-05	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	1.94E-04
488	ALL	671073.1	4341272	NonCancer	9.28E-06	2.30E-05	2.10E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04	1.83E-05	0.00E+00	1.13E-06	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	2.10E-04
489	ALL	671122.5	4341374	NonCancer	1.17E-05	3.05E-05	2.45E-04	0.00E+00	0.00E+00	0.00E+00	2.18E-04	2.30E-05	0.00E+00	1.45E-06	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	2.45E-04
490	ALL	671118.8	4341397	NonCancer	1.24E-05	3.27E-05	2.54E-04	0.00E+00	0.00E+00	0.00E+00	2.25E-04	2.43E-05	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	2.54E-04
491	ALL	670978.4	4341324	NonCancer	9.58E-06	2.39E-05	2.07E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-04	2.41E-05	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	2.07E-04
492	ALL	670932.9	4341394	NonCancer	1.10E-05	2.79E-05	2.23E-04	0.00E+00	0.00E+00	0.00E+00	2.01E-04	2.94E-05	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	2.23E-04
493	ALL	670935.2	4341367	NonCancer	1.07E-05	2.70E-05	2.18E-04	0.00E+00	0.00E+00	0.00E+00	1.97E-04	2.78E-05	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	2.18E-04
494	ALL	671108	4340976	NonCancer	9.31E-06	2.40E-05	2.11E-04	0.00E+00	0.00E+00	0.00E+00	1.91E-04	1.37E-05	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	2.11E-04

495	ALL	671286.7	4340979	NonCancer	9.34E-06	2.44E-05	1.04E-04	0.00E+00	0.00E+00	0.00E+00	8.22E-05	1.15E-05	0.00E+00	8.84E-07	0.00E+00	0.00E+00	5.79E-05	0.00E+00	0.00E+00	1.04E-04
496	ALL	671675.4	4342489	NonCancer	1.23E-05	3.20E-05	1.34E-04	0.00E+00	0.00E+00	0.00E+00	1.05E-04	3.16E-05	0.00E+00	1.14E-06	0.00E+00	0.00E+00	7.34E-05	0.00E+00	0.00E+00	1.34E-04
497	ALL	671091.4	4342277	NonCancer	4.75E-05	1.36E-04	5.21E-04	0.00E+00	0.00E+00	0.00E+00	3.68E-04	2.86E-04	0.00E+00	5.08E-06	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	5.21E-04
498	ALL	671051.8	4342332	NonCancer	4.09E-05	1.21E-04	4.64E-04	0.00E+00	0.00E+00	0.00E+00	3.21E-04	2.55E-04	0.00E+00	4.62E-06	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	4.64E-04
499	ALL	671051.8	4342369	NonCancer	4.36E-05	1.41E-04	5.30E-04	0.00E+00	0.00E+00	0.00E+00	3.39E-04	2.34E-04	0.00E+00	5.64E-06	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	5.30E-04
500	ALL	670953	4342361	NonCancer	3.27E-05	8.84E-05	3.84E-04	0.00E+00	0.00E+00	0.00E+00	2.96E-04	1.84E-04	0.00E+00	3.31E-06	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	3.84E-04
501	ALL	670695.7	4342236	NonCancer	1.79E-05	4.48E-05	1.56E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04	5.69E-05	0.00E+00	1.47E-06	0.00E+00	0.00E+00	7.46E-05	0.00E+00	0.00E+00	1.56E-04
502	ALL	670545.5	4342319	NonCancer	1.45E-05	3.57E-05	8.74E-05	0.00E+00	0.00E+00	0.00E+00	5.89E-05	3.96E-05	0.00E+00	1.04E-06	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	8.74E-05
503	ALL	670711.7	4342488	NonCancer	2.13E-05	5.87E-05	2.02E-04	0.00E+00	0.00E+00	0.00E+00	1.41E-04	1.03E-04	0.00E+00	2.07E-06	0.00E+00	0.00E+00	8.23E-05	0.00E+00	0.00E+00	2.02E-04
504	ALL	670648.3	4342502	NonCancer	1.93E-05	5.08E-05	1.45E-04	0.00E+00	0.00E+00	0.00E+00	9.69E-05	8.61E-05	0.00E+00	1.65E-06	0.00E+00	0.00E+00	4.62E-05	0.00E+00	0.00E+00	1.45E-04
505	ALL	670648.3	4342631	NonCancer	1.42E-05	3.52E-05	1.09E-04	0.00E+00	0.00E+00	0.00E+00	8.00E-05	9.25E-05	0.00E+00	1.11E-06	0.00E+00	0.00E+00	4.49E-05	0.00E+00	0.00E+00	1.09E-04
506	ALL	670806.3	4342728	NonCancer	2.58E-05	9.01E-05	3.23E-04	0.00E+00	0.00E+00	0.00E+00	1.90E-04	9.60E-05	0.00E+00	3.70E-06	0.00E+00	0.00E+00	9.98E-05	0.00E+00	0.00E+00	3.23E-04
507	ALL	670688.2	4342739	NonCancer	1.31E-05	3.46E-05	1.03E-04	0.00E+00	0.00E+00	0.00E+00	6.97E-05	8.39E-05	0.00E+00	1.14E-06	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	1.03E-04
508	ALL	670804.9	4342428	NonCancer	2.44E-05	6.65E-05	3.01E-04	0.00E+00	0.00E+00	0.00E+00	2.34E-04	1.29E-04	0.00E+00	2.55E-06	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	3.01E-04
509	ALL	670439.5	4342472	NonCancer	1.54E-05	3.79E-05	7.88E-05	0.00E+00	0.00E+00	0.00E+00	4.85E-05	4.00E-05	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	7.88E-05
510	ALL	670358.4	4342579	NonCancer	1.58E-05	4.22E-05	9.12E-05	0.00E+00	0.00E+00	0.00E+00	5.01E-05	3.96E-05	0.00E+00	1.28E-06	0.00E+00	0.00E+00	7.96E-06	0.00E+00	0.00E+00	9.12E-05
511	ALL	670546.6	4342662	NonCancer	1.79E-05	4.97E-05	1.45E-04	0.00E+00	0.00E+00	0.00E+00	9.27E-05	7.17E-05	0.00E+00	1.68E-06	0.00E+00	0.00E+00	4.32E-05	0.00E+00	0.00E+00	1.45E-04
512	ALL	670537	4342595	NonCancer	1.76E-05	4.67E-05	1.28E-04	0.00E+00	0.00E+00	0.00E+00	8.32E-05	6.85E-05	0.00E+00	1.50E-06	0.00E+00	0.00E+00	3.66E-05	0.00E+00	0.00E+00	1.28E-04
513	ALL	670483.5	4342777	NonCancer	1.73E-05	5.06E-05	1.47E-04	0.00E+00	0.00E+00	0.00E+00	8.77E-05	6.37E-05	0.00E+00	1.78E-06	0.00E+00	0.00E+00	3.72E-05	0.00E+00	0.00E+00	1.47E-04
514	ALL	670508.2	4342755	NonCancer	1.72E-05	4.97E-05	1.45E-04	0.00E+00	0.00E+00	0.00E+00	8.83E-05	6.75E-05	0.00E+00	1.73E-06	0.00E+00	0.00E+00	3.88E-05	0.00E+00	0.00E+00	1.45E-04
515	ALL	670517.8	4342869	NonCancer	1.86E-05	5.88E-05	1.70E-04	0.00E+00	0.00E+00	0.00E+00	9.27E-05	6.41E-05	0.00E+00	2.17E-06	0.00E+00	0.00E+00	3.40E-05	0.00E+00	0.00E+00	1.70E-04
516	ALL	670545.3	4342851	NonCancer	1.69E-05	5.23E-05	1.50E-04	0.00E+00	0.00E+00	0.00E+00	8.39E-05	6.75E-05	0.00E+00	1.90E-06	0.00E+00	0.00E+00	3.17E-05	0.00E+00	0.00E+00	1.50E-04
517	ALL	670582.4	4342878	NonCancer	1.95E-05	6.50E-05	1.91E-04	0.00E+00	0.00E+00	0.00E+00	9.93E-05	6.71E-05	0.00E+00	2.48E-06	0.00E+00	0.00E+00	3.44E-05	0.00E+00	0.00E+00	1.91E-04
518	ALL	670304.9	4342689	NonCancer	1.59E-05	4.00E-05	1.00E-04	0.00E+00	0.00E+00	0.00E+00	6.63E-05	4.02E-05	0.00E+00	1.20E-06	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	1.00E-04
519	ALL	670039.7	4342661	NonCancer	1.20E-05	3.39E-05	7.70E-05	0.00E+00	0.00E+00	0.00E+00	3.96E-05	2.12E-05	0.00E+00	1.10E-06	0.00E+00	0.00E+00	5.70E-06	0.00E+00	0.00E+00	7.70E-05
520	ALL	670156.5	4342673	NonCancer	1.35E-05	3.51E-05	7.36E-05	0.00E+00	0.00E+00	0.00E+00	4.11E-05	2.81E-05	0.00E+00	1.04E-06	0.00E+00	0.00E+00	6.05E-06	0.00E+00	0.00E+00	7.36E-05
521	ALL	670236.2	4342649	NonCancer	1.51E-05	4.08E-05	8.84E-05	0.00E+00	0.00E+00	0.00E+00	4.73E-05	3.38E-05	0.00E+00	1.26E-06	0.00E+00	0.00E+00	6.53E-06	0.00E+00	0.00E+00	8.84E-05
522	ALL	670071.3	4342738	NonCancer	1.38E-05	3.81E-05	8.36E-05	0.00E+00	0.00E+00	0.00E+00	4.35E-05	2.71E-05	0.00E+00	1.20E-06	0.00E+00	0.00E+00	5.37E-06	0.00E+00	0.00E+00	8.36E-05
523	ALL	669990.2	4342753	NonCancer	1.23E-05	3.33E-05	7.21E-05	0.00E+00	0.00E+00	0.00E+00	3.84E-05	2.27E-05	0.00E+00	1.03E-06	0.00E+00	0.00E+00	5.17E-06	0.00E+00	0.00E+00	7.21E-05
524	ALL	669928.4	4342742	NonCancer	1.17E-05	3.34E-05	7.59E-05	0.00E+00	0.00E+00	0.00E+00	3.84E-05	1.94E-05	0.00E+00	1.09E-06	0.00E+00	0.00E+00	5.07E-06	0.00E+00	0.00E+00	7.59E-05
525	ALL	669815.8	4342673	NonCancer	1.06E-05	3.02E-05	6.83E-05	0.00E+00	0.00E+00	0.00E+00	3.49E-05	1.54E-05	0.00E+00	9.75E-07	0.00E+00	0.00E+00	4.79E-06	0.00E+00	0.00E+00	6.83E-05
526	ALL	669743	4342656	NonCancer	1.02E-05	2.86E-05	6.38E-05	0.00E+00	0.00E+00	0.00E+00	3.31E-05	1.42E-05	0.00E+00	9.09E-07	0.00E+00	0.00E+00	4.58E-06	0.00E+00	0.00E+00	6.38E-05
527	ALL	669791	4342745	NonCancer	1.07E-05	2.99E-05	6.65E-05	0.00E+00	0.00E+00	0.00E+00	3.46E-05	1.64E-05	0.00E+00	9.49E-07	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	6.65E-05
528	ALL	669696.3	4342731	NonCancer	1.05E-05	2.94E-05	6.53E-05	0.00E+00	0.00E+00	0.00E+00	3.38E-05	1.48E-05	0.00E+00	9.35E-07	0.00E+00	0.00E+00	4.38E-06	0.00E+00	0.00E+00	6.53E-05
529	ALL	669536.9	4342553	NonCancer	9.43E-06	3.02E-05	7.41E-05	0.00E+00	0.00E+00	0.00E+00	3.38E-05	1.18E-05	0.00E+00	1.08E-06	0.00E+00	0.00E+00	3.59E-06	0.00E+00	0.00E+00	7.41E-05
530	ALL	669228.6	4343290	NonCancer	2.59E-05	1.42E-04	4.42E-04	0.00E+00	0.00E+00	0.00E+00	1.45E-04	1.95E-05	0.00E+00	6.67E-06	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	4.42E-04
531	ALL	669170.4	4343325	NonCancer	2.80E-05	1.56E-04	4.87E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04	2.00E-05	0.00E+00	7.35E-06	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	4.87E-04
532	ALL	669284.8	4343340	NonCancer	2.32E-05	1.26E-04	3.90E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-04	1.94E-05	0.00E+00	5.88E-06	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	3.90E-04
533	ALL	669324.1	4343251	NonCancer	2.34E-05	1.26E-04	3.88E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-04	1.91E-05	0.00E+00	5.85E-06	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	3.88E-04
534	ALL	669359.8	4343290	NonCancer	2.15E-05	1.14E-04	3.50E-04	0.00E+00	0.00E+00	0.00E+00	1.16E-04	1.92E-05	0.00E+00	5.27E-06	0.00E+00	0.00E+00	2.49E-06	0.00E+00	0.00E+00	3.50E-04
535	ALL	669370.4	4343387	NonCancer	2.30E-05	1.24E-04	3.83E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04	2.07E-05	0.00E+00	5.78E-06	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	3.83E-04
536	ALL	669423.9	4343410	NonCancer	2.18E-05	1.18E-04	3.63E-04	0.00E+00	0.00E+00	0.00E+00	1.20E-04	2.12E-05	0.00E+00	5.48E-06	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	3.63E-04
537	ALL	669488.1	4343420	NonCancer	2.09E-05	1.11E-04	3.43E-04	0.00E+00	0.00E+00	0.00E+00	1.14E-04	2.18E-05	0.00E+00	5.17E-06	0.00E+00	0.00E+00	2.42E-06	0.00E+00	0.00E+00	3.43E-04
538	ALL	669649.9	4343378	NonCancer	1.51E-05	7.28E-05	2.17E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-05	2.29E-05	0.00E+00	3.26E-06	0.00E+00	0.00E+00	2.88E-06	0.00E+00	0.00E+00	2.17E-04
539	ALL	669720.5	4343374	NonCancer	1.38E-05	6.28E-05	1.83E-04	0.00E+00	0.00E+00	0.00E+00	6.59E-05	2.44E-05	0.00E+00	2.74E-06	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	1.83E-04
540	ALL	669770.4	4343323	NonCancer	1.90E-05	9.33E-05	2.80E-04	0.00E+00	0.00E+00	0.00E+00	9.65E-05	2.72E-05	0.00E+00	4.20E-06	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	2.80E-04
541	ALL	669764	4343211	NonCancer	1.76E-05	8.45E-05	2.52E-04	0.00E+00	0.00E+00	0.00E+00	8.77E-05	2.47E-05	0.00E+00	3.77E-06	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	2.52E-04
542	ALL	669764.7	4343112	NonCancer	1.32E-05	5.48E-05	1.54E-04	0.00E+00	0.00E+00	0.00E+00	5.82E-05	2.16E-05	0.00E+00	2.30E-06	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	1.54E-04
543	ALL	669888.7	4343142	NonCancer	1.52E-05	6.51E-05	1.86E-04	0.00E+00	0.00E+00	0.00E+00	6.88E-05	2.73E-05	0.00E+00	2.77E-06	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	1.86E-04
544	ALL	669888.7	4343250	NonCancer	2.38E-05	1.19E-04	3.61E-04	0.00E+00	0.00E+00	0.00E+00	1.23E-04	3.13E-05	0.00E+00	5.42E-06	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	3.61E-04
545	ALL	669864.5	4343261	NonCancer	2.66E-05	1.38E-04	4.20E-04	0.00E+00	0.00E+00	0.00E+00	1.41E-04	3.16E-05	0.00E+00	6.33E-06	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	4.20E-04
546	ALL	669088.8	4343481	NonCancer	1.69E-05	8.99E-05	2.77E-04	0.00E+00	0.00E+00	0.00E+00	9.19E-05	1.62E-05	0.00E+00	4.17E-06	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	2.77E-04
547	ALL	668973.4	4343427	NonCancer	2.50E-05	1.40E-04	4.37E-04	0.00E+00	0.00E+00	0.00E+00	1.42E-04	1.80E-05	0.00E+00	6.60E-06	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	4.37E-04
548	ALL	669006.2	4343427	NonCancer	2.41E-05	1.34E-04	4.18E-04	0.00E+00	0.00E+00	0.00E+00	1.36E-04	1.79E-05	0.00E+00	6.32E-06	0.00E+00	0.00E+00	1.93E-06	0.00E+00	0.00E+00	4.18E-04
549	ALL	668940.6	4343516	NonCancer	1.29E-05	6.61E-05	2.01E-04	0.00E+00	0.00E+00	0.00E+00	6.80E-05	1.39E-05	0.00E+00	3.03E-06	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	2.01E-04
550	ALL	668922	4343557	NonCancer	1.03E-05	5.06E-05	1.52E-04	0.00E+00	0.00E+00	0.00E+00	5.25E-05	1.32E-05	0.00E+00	2.28E-06	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	1.52E-04
551	ALL	668475.6	4343142	NonCancer	9.31E-06	4.52E-05	1.35E-04	0.00E+00	0.00E+00	0.00E+00	4.71E-05	1.13E-05	0.00E+00	2.03E-06	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	1.35E-04
552	ALL	668572	4343208	NonCancer	1.08E-05	5.36E-05	1.62E-04	0.00E+00	0.00E+00	0.00E+00	5.55E-05	1.16E-05	0.00E+00	2.43E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	1.62E-04
553	ALL	668567	4343041	NonCancer	7.37E-06	3.22E-05	9.27E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-05	1.09E-05	0.00E+00	1.38E-06	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	9.27E-05
554	ALL	669299	4342841	NonCancer	9.08E-06	3.35E-05	8.93E-05	0.00E+00	0.00E+00	0.00E+00	3.65E-05	1.19E-05	0.00E+00	1.32E-06	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	8.93E-05
555	ALL	669377.8	4342728	NonCancer	1.01E-05	3.82E-05	1.03E-04	0.00E+00	0.00E+00	0.00E+00	4.14E-05	1.24E-05	0.00E+00	1.52E-06	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	1.03E-04
556	ALL	669384.5	4342770	NonCancer	1.06E-05	4.09E-05	1.12E-04	0.00E+00	0.00E+00	0.00E+00	4.41E-05	1.26E-05	0.00E+00	1.65E-06	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	1.12E-04
557	ALL	669341.7	4342653	NonCancer	9.61E-06	3.51E-05	9.29E-05	0.00E+00	0.00E+00	0.00E+00	3.83E-05	1.20E-05	0.00E+00	1.37E-06	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	9.29E-05
558	ALL	669307.3	4342655	NonCancer	9.49E-06	3.48E-05	9.25E-05	0.00E+00	0.00E+00	0.00E+00	3.80E-05	1.19E-05	0.00E+00	1.36E-06	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	9.25E-05
559	ALL	670048.3	4342946	NonCancer	1.37E-05	3.71E-05	9.94E-05	0.00E+00	0.00E+00	0.00E+00	6.20E-05	3.07E-05	0.00E+00	1.20E-06	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	9.94E-05
560	ALL	670299.6	4342854	NonCancer	1.55E-05	4.38E-05	1.21E-04	0.00E+00	0.00E+00	0.00E+00	7.28E-05	4.71E-05	0.00E+00	1.48E-06	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	1.21E-04
561	ALL	670426.4	4342917	NonCancer	1.78E-05	5.26E-05	1.49E-04	0.00E+00	0.00E+00	0.00E+00	8.64E-05	5.50E-05	0.00E+00	1.85E-06	0.00E+00	0.00E+00	3.39E-05	0.00E+00	0.00E+00	1.49E-04
562	ALL	671174.9	4342280	NonCancer	4.72E-05	1.44E-04	5.36E-04	0.00E+00	0.00E+00	0.00E+00	3.55E-04	2.47E-04	0.00E+00	5.57E-06	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	5.36E-04
563	ALL	671068.4	4342170	NonCancer	4.93E-05	1.43E-04	6.84E-04	0.00E+00	0.00E+00	0.00E+00	5.24E-04	1.75E-04	0.00E+00	5.77E-06	0.00E+00	0.00E+00	3.82E-04	0.00E+00	0.00E+00	6.84E-04
564	ALL	670965.7	4342179	NonCancer	3.48E-05	9.53E-05	4.92E-04	0.00E+00	0.00E+00	0.00E+00	3.96E-04	1.27E-04	0.00E+00	3.83E-06	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	4.92E-04
565	ALL	670815.5	4342198	NonCancer	2.01E-05	4.91E-05	2.23E-04	0.00E+00	0.00E+00	0.00E+00	1.86E-04	6.48E-05	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	2.23E-04
566	ALL	670737.6	4342098	NonCancer	1.63E-05	3.86E-05	1.69E-04	0.00E+00	0.00E+00	0.00E+00	1.43E-04	4.70E-05	0.00E+00	1.30E-06	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	1.69E-04
567	ALL	670762.3	4342069	NonCancer	1.69E-05	4.01E-05	1.85E-04	0.00E+00	0.00E+00	0.00E+00	1.58E-04	5.80E-05	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	1.85E-04
568	ALL	670817.4	4342041	NonCancer	1.88E-05	4.48E-05	2.38E-04	0.00E+00	0.00E+00	0.00E+00	2.07E-04	7.83E-05	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	2.38E-04
569	ALL	670895.4	4342025	NonCancer	2.15E-05	5.15E-05	3.19E-04	0.00E+00	0.00E+00	0.00E+00	2.82E-04	1.29E-04	0.00E+00	2.05E-06	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	3.19E-04
570	ALL	670979	4341915	NonCancer	2.34E-05	5.21E-05	3.94E-04	0.00E+00	0.00E+00	0.00E+00	3.69E-04	8.48E-05	0.00E+00	2.16E-06	0.00E+00	0.00E+00	3.18E-04	0.00E+00	0.00E+00	3.94E-04
571	ALL	671115.9	4341864	NonCancer	2.86E-05	6.15E-05	7.33E-04	0.00E+00	0.00E+00	0.00E+00	7.11E-04	4.11E-05	0.00E+00	3.28E-06	0.00E+00	0.00E+00	6.51E-04	0.00E+00	0.00E+00	7.33E-04
572	ALL	671199.6	4341771	NonCancer	2.63E-05	5.39E-05	8.89E-04	0.00E+00	0.00E+00	0.00E+00	8.79E-04	4.60E-05	0.00E+00	3.52E-06	0.00E+00	0.00E+00	8.28E-04	0.00E+00	0.00E+00	8.89E-04
573	ALL	671222.4	4341377	NonCancer	1.54E-05	4.65E-05	3.32E-04	0.00E+00	0.00E+00	0.00E+00	2.77E-04	2.40E-05	0.00E+00	2.25E-06	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	3.32E-04
574	ALL	671714.8	4341392	NonCancer	2.16E-05	4.77E-05	2.78E-04	0.00E+00	0.00E+00	0.00E+00	2.55E-04	1.39E-05	0.00E+00	1.71E-06	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	2.78E-04
575	ALL	671366.9	4341999	NonCancer	6.39E-05	1.29E-04	1.15E-03	0.00E+00	0.00E+00	0.00E+00	1.12E-03	9.55E-05	0.00E+00	5.41E-06	0.00E+00	0.00E+00	9.96E-04	0.00E+00	0.00E+00	1.15E-03
576	ALL	671226.2	4342236	NonCancer	4.49E-05	1.27E-04	4.82E-04	0.00E+00	0.00E+00	0.00E+00	3.45E-04	1.64E-04	0.00E+00	4.67E-06	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	4.82E-04
577	ALL	669098.4	4343412	NonCancer	1.97E-05	1.07E-04	3.29E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04	1.68E-05	0.00E+00	4.97E-06	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	3.29E-04
578	ALL	668908.6	4343365	NonCancer	2.24E-05	1.24E-04	3.85E-04	0.00E+00	0.00E+00	0.00E+00	1.26E-04	1.64E-05	0.00E+00	5.81E-06	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	3.85E-04
579	ALL	668851.5	4343360	NonCancer	2.06E-05	1.13E-04	3.52E-04	0.00E+00	0.00E+00	0.00E+00	1.15E-04	1.55E-05	0.00E+00	5.32E-06	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	3.52E-04
580	ALL	668831.4	4343371	NonCancer	2.21E-05	1.23E-04	3.83E-04	0.00E+00	0.00E+00	0.00E+00	1.25E-04	1.61E-05	0.00E+00	5.78E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	3.83E-04
581	ALL	668733.9	4343302	NonCancer	1.36E-05	7.10E-05	2.17E-04	0.00E+00	0.00E+00	0.00E+00	7.29E-05	1.26E-05	0.00E+00	3.27E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	2.17E-04
582	ALL	668686.9	4343200	NonCancer	1.05E-05	5.12E-05	1.53E-04	0.00E+00	0.00E+00	0.00E+00	5.31E-05	1.16E-05	0.00E+00	2.30E-06	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	1.53E-04
583	ALL	668671.8	4343089	NonCancer	8.36E-06	3.79E-05	1.11E-04	0.00E+00	0.00E+00	0.00E+00	3.99E-05	1.11E-05	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	1.11E-04
584	ALL	668806.2	4343002	NonCancer	7.94E-06	3.37E-05	9.60E-05	0.00E+00	0.00E+00	0.00E+00	3.59E-05	1.12E-05	0.00E+00	1.43E-06	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	9.60E-05
585	ALL	668918.7	4343025	NonCancer	8.17E-06	3.40E-05	9.59E-05	0.00E+00	0.00E+00	0.00E+00	3.63E-05	1.13E-05	0.00E+00	1.43E-06	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	9.59E-05
586	ALL	669024.5	4342943	NonCancer	8.76E-06	3.61E-05	1.01E-04	0.00E+00	0.00E+00	0.00E+00	3.86E-05	1.18E-05	0.00E+00	1.51E-06	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	1.01E-04
587	ALL	669288.2	4342916	NonCancer	1.02E-05	4.13E-05	1.15E-04	0.00E+00	0.00E+00	0.00E+00	4.42E-05	1.24E-05	0.00E+00	1.70E-06	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	1.15E-04
588	ALL	669333.6	4342923	NonCancer	1.09E-05	4.44E-05	1.24E-04	0.00E+00	0.00E+00	0.00E+00	4.74E-05	1.27E-05	0.00E+00	1.84E-06	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	1.24E-04
589	ALL	669365.5	4342978	NonCancer	1.21E-05	5.35E-05	1.55E-04	0.00E+00	0.00E+00	0.00E+00	5.65E-05	1.35E-05	0.00E+00	2.31E-06	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	1.55E-04
590	ALL	669337	4343151	NonCancer	1.61E-05	8.07E-05	2.43E-04	0.00E+00	0.00E+00	0.00E+00	8.33E-05	1.57E-05	0.00E+00	3.66E-06	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	2.43E-04
591	ALL	669303.4	4343304	NonCancer	2.18E-05	1.17E-04	3.60E-04	0.00E+00	0.00E+00	0.00E+00	1.19E-04	1.88E-05	0.00E+00	5.43E-06	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	3.60E-04
592	ALL	669222.7	4343235	NonCancer	2.22E-05	1.20E-04	3.70E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04	1.77E-05	0.00E+00	5.58E-06	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	3.70E-04
593	ALL	669135.4	4343306	NonCancer	1.94E-05	1.04E-04	3.20E-04	0.00E+00	0.00E+00	0.00E+00	1.06E-04	1.64E-05	0.00E+00	4.83E-06	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	3.20E-04

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEV	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		668148.8	4340781	NonCancer	1.75E-04	2.19E-04	5.78E-08	1.56E-05	7.91E-09	1.91E-04	4.26E-04	1.75E-04	2.38E-09	0.00E+00	0.00E+00	9.88E-06	0.00E+00	0.00E+00	4.26E-04
2	ALL		668370.1	4340781	NonCancer	2.07E-04	2.52E-04	5.92E-08	1.67E-05	8.63E-09	2.24E-04	5.02E-04	2.07E-04	2.73E-09	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	5.02E-04
3	ALL		668591.4	4340781	NonCancer	2.39E-04	2.88E-04	6.31E-08	1.83E-05	9.55E-09	2.57E-04	5.79E-04	2.39E-04	3.08E-09	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	5.79E-04
4	ALL		668812.7	4340781	NonCancer	2.66E-04	3.20E-04	6.80E-08	1.99E-05	1.05E-08	2.86E-04	6.48E-04	2.66E-04	3.47E-09	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	6.48E-04
5	ALL		669034	4340781	NonCancer	3.08E-04	3.67E-04	7.26E-08	2.19E-05	1.16E-08	3.30E-04	7.50E-04	3.08E-04	3.97E-09	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	7.50E-04
6	ALL		669255.3	4340781	NonCancer	3.62E-04	4.26E-04	7.80E-08	2.44E-05	1.31E-08	3.87E-04	8.78E-04	3.62E-04	4.55E-09	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	8.78E-04
7	ALL		669476.7	4340781	NonCancer	3.86E-04	4.54E-04	8.24E-08	2.58E-05	1.39E-08	4.12E-04	9.48E-04	3.86E-04	5.14E-09	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	9.48E-04
8	ALL		669698	4340781	NonCancer	4.26E-04	4.98E-04	8.60E-08	2.76E-05	1.49E-08	4.54E-04	1.05E-03	4.26E-04	5.87E-09	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	1.05E-03
9	ALL		669919.3	4340781	NonCancer	4.25E-04	4.95E-04	8.44E-08	2.73E-05	1.47E-08	4.52E-04	1.15E-03	4.25E-04	1.38E-08	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	1.15E-03
10	ALL		670140.6	4340781	NonCancer	3.62E-04	4.27E-04	7.87E-08	2.45E-05	1.31E-08	3.87E-04	1.19E-03	3.62E-04	1.39E-08	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	1.19E-03
11	ALL		670361.9	4340781	NonCancer	2.82E-04	3.35E-04	6.54E-08	1.99E-05	1.05E-08	3.02E-04	1.03E-03	2.82E-04	1.13E-08	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	1.03E-03
12	ALL		670583.2	4340781	NonCancer	2.05E-04	2.45E-04	5.08E-08	1.51E-05	7.90E-09	2.20E-04	7.67E-04	2.05E-04	1.69E-08	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	7.67E-04
13	ALL		670804.5	4340781	NonCancer	1.71E-04	2.06E-04	4.59E-08	1.32E-05	6.87E-09	1.84E-04	6.28E-04	1.71E-04	1.32E-08	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	6.28E-04
14	ALL		671025.8	4340781	NonCancer	1.45E-04	1.75E-04	3.82E-08	1.11E-05	5.78E-09	1.56E-04	4.78E-04	1.45E-04	1.26E-08	0.00E+00	0.00E+00	9.33E-06	0.00E+00	0.00E+00	4.78E-04
15	ALL		671247.1	4340781	NonCancer	1.13E-04	1.36E-04	2.93E-08	8.55E-06	4.48E-09	1.22E-04	3.74E-04	1.13E-04	6.39E-09	0.00E+00	0.00E+00	6.40E-06	0.00E+00	0.00E+00	3.74E-04
16	ALL		671468.4	4340781	NonCancer	1.07E-04	1.30E-04	2.93E-08	8.38E-06	4.37E-09	1.16E-04	3.66E-04	1.07E-04	4.21E-09	0.00E+00	0.00E+00	5.84E-06	0.00E+00	0.00E+00	3.66E-04
17	ALL		671689.8	4340781	NonCancer	8.13E-05	1.01E-04	2.55E-08	6.97E-06	3.56E-09	8.82E-05	3.11E-04	8.12E-05	2.70E-09	0.00E+00	0.00E+00	4.75E-06	0.00E+00	0.00E+00	3.11E-04
18	ALL		671911.1	4340781	NonCancer	7.14E-05	8.88E-05	2.30E-08	6.23E-06	3.18E-09	7.77E-05	2.59E-04	7.14E-05	1.79E-09	0.00E+00	0.00E+00	4.15E-06	0.00E+00	0.00E+00	2.59E-04
19	ALL		672132.4	4340781	NonCancer	5.32E-05	6.62E-05	1.72E-08	4.66E-06	2.38E-09	5.78E-05	1.84E-04	5.32E-05	1.07E-09	0.00E+00	0.00E+00	3.06E-06	0.00E+00	0.00E+00	1.84E-04
20	ALL		672353.7	4340781	NonCancer	5.73E-05	7.28E-05	2.09E-08	5.47E-06	2.74E-09	6.28E-05	2.17E-04	5.73E-05	1.35E-09	0.00E+00	0.00E+00	3.65E-06	0.00E+00	0.00E+00	2.17E-04
21	ALL		672575	4340781	NonCancer	5.34E-05	7.08E-05	2.45E-08	6.03E-06	2.93E-09	5.95E-05	2.09E-04	5.34E-05	1.47E-09	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	2.09E-04
22	ALL		668148.8	4340946	NonCancer	1.60E-04	2.05E-04	6.19E-08	1.59E-05	7.92E-09	1.76E-04	3.90E-04	1.60E-04	2.33E-09	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	3.90E-04
23	ALL		668370.1	4340946	NonCancer	1.86E-04	2.33E-04	6.35E-08	1.69E-05	8.57E-09	2.03E-04	4.57E-04	1.86E-04	2.70E-09	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	4.57E-04
24	ALL		668591.4	4340946	NonCancer	2.16E-04	2.67E-04	6.67E-08	1.83E-05	9.39E-09	2.35E-04	5.31E-04	2.16E-04	3.09E-09	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	5.31E-04
25	ALL		668812.7	4340946	NonCancer	2.49E-04	3.05E-04	7.20E-08	2.02E-05	1.05E-08	2.70E-04	6.13E-04	2.49E-04	3.53E-09	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	6.13E-04
26	ALL		669034	4340946	NonCancer	3.05E-04	3.65E-04	7.60E-08	2.24E-05	1.18E-08	3.27E-04	7.46E-04	3.05E-04	4.15E-09	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	7.46E-04
27	ALL		669255.3	4340946	NonCancer	3.57E-04	4.24E-04	8.27E-08	2.51E-05	1.34E-08	3.82E-04	8.74E-04	3.57E-04	4.82E-09	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	8.74E-04
28	ALL		669476.7	4340946	NonCancer	3.95E-04	4.67E-04	8.86E-08	2.72E-05	1.45E-08	4.22E-04	9.75E-04	3.95E-04	5.56E-09	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	9.75E-04
29	ALL		669698	4340946	NonCancer	4.88E-04	5.68E-04	9.54E-08	3.10E-05	1.69E-08	5.19E-04	1.20E-03	4.88E-04	6.56E-09	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	1.20E-03
30	ALL		669919.3	4340946	NonCancer	5.25E-04	6.13E-04	1.06E-07	3.40E-05	1.84E-08	5.59E-04	1.51E-03	5.25E-04	1.56E-08	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	1.51E-03
31	ALL		670140.6	4340946	NonCancer	4.85E-04	5.67E-04	9.76E-08	3.14E-05	1.69E-08	5.17E-04	1.49E-03	4.85E-04	1.84E-08	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	1.49E-03
32	ALL		670361.9	4340946	NonCancer	3.88E-04	4.56E-04	8.45E-08	2.63E-05	1.40E-08	4.14E-04	1.37E-03	3.87E-04	1.67E-08	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	1.37E-03
33	ALL		670583.2	4340946	NonCancer	2.76E-04	3.30E-04	6.83E-08	2.02E-05	1.06E-08	2.96E-04	1.13E-03	2.76E-04	1.99E-08	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	1.13E-03
34	ALL		670804.5	4340946	NonCancer	2.12E-04	2.55E-04	5.40E-08	1.58E-05	8.30E-09	2.28E-04	8.35E-04	2.12E-04	2.45E-08	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	8.35E-04
35	ALL		671025.8	4340946	NonCancer	1.71E-04	2.05E-04	4.31E-08	1.27E-05	6.66E-09	1.84E-04	5.95E-04	1.71E-04	1.76E-08	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	5.95E-04
36	ALL		671247.1	4340946	NonCancer	1.28E-04	1.54E-04	3.16E-08	9.39E-06	4.95E-09	1.38E-04	4.29E-04	1.28E-04	8.50E-09	0.00E+00	0.00E+00	7.31E-06	0.00E+00	0.00E+00	4.29E-04
37	ALL		671468.4	4340946	NonCancer	1.10E-04	1.33E-04	2.84E-08	8.30E-06	4.34E-09	1.19E-04	3.80E-04	1.10E-04	5.78E-09	0.00E+00	0.00E+00	6.09E-06	0.00E+00	0.00E+00	3.80E-04
38	ALL		671689.8	4340946	NonCancer	9.53E-05	1.18E-04	3.01E-08	8.22E-06	4.19E-09	1.04E-04	3.94E-04	9.53E-05	3.55E-09	0.00E+00	0.00E+00	5.68E-06	0.00E+00	0.00E+00	3.94E-04
39	ALL		671911.1	4340946	NonCancer	8.72E-05	1.09E-04	2.92E-08	7.82E-06	3.96E-09	9.50E-05	3.49E-04	8.72E-05	3.18E-09	0.00E+00	0.00E+00	5.41E-06	0.00E+00	0.00E+00	3.49E-04
40	ALL		672132.4	4340946	NonCancer	5.69E-05	7.03E-05	1.76E-08	4.83E-06	2.49E-09	6.17E-05	1.99E-04	5.69E-05	1.10E-09	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	1.99E-04
41	ALL		672353.7	4340946	NonCancer	5.57E-05	7.08E-05	2.05E-08	5.34E-06	2.68E-09	6.10E-05	2.05E-04	5.57E-05	1.13E-09	0.00E+00	0.00E+00	3.53E-06	0.00E+00	0.00E+00	2.05E-04
42	ALL		672575	4340946	NonCancer	5.65E-05	7.50E-05	2.60E-08	6.40E-06	3.12E-09	6.29E-05	2.20E-04	5.65E-05	1.54E-09	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	2.20E-04
43	ALL		668148.8	4341111	NonCancer	1.48E-04	1.94E-04	6.44E-08	1.61E-05	7.89E-09	1.64E-04	3.64E-04	1.48E-04	2.34E-09	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	3.64E-04
44	ALL		668370.1	4341111	NonCancer	1.68E-04	2.18E-04	6.84E-08	1.74E-05	8.59E-09	1.85E-04	4.15E-04	1.68E-04	2.65E-09	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	4.15E-04
45	ALL		668591.4	4341111	NonCancer	1.98E-04	2.50E-04	6.92E-08	1.83E-05	9.23E-09	2.17E-04	4.93E-04	1.98E-04	3.11E-09	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	4.93E-04
46	ALL		668812.7	4341111	NonCancer	2.33E-04	2.88E-04	7.39E-08	2.01E-05	1.03E-08	2.53E-04	5.78E-04	2.33E-04	3.60E-09	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	5.78E-04
47	ALL		669034	4341111	NonCancer	2.80E-04	3.41E-04	7.93E-08	2.24E-05	1.16E-08	3.02E-04	6.95E-04	2.80E-04	4.23E-09	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	6.95E-04
48	ALL		669255.3	4341111	NonCancer	3.23E-04	3.91E-04	8.71E-08	2.50E-05	1.31E-08	3.48E-04	8.06E-04	3.23E-04	4.92E-09	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	8.06E-04
49	ALL		669476.7	4341111	NonCancer	3.99E-04	4.75E-04	9.44E-08	2.85E-05	1.51E-08	4.28E-04	9.93E-04	3.99E-04	5.93E-09	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	9.93E-04
50	ALL		669698	4341111	NonCancer	5.12E-04	5.99E-04	1.04E-07	3.32E-05	1.80E-08	5.46E-04	1.26E-03	5.12E-04	7.17E-09	0.00E+00	0.00E+00	1.96E-05	0.00E+00	0.00E+00	1.26E-03
51	ALL		669919.3	4341111	NonCancer	5.90E-04	6.86E-04	1.13E-07	3.71E-05	2.02E-08	6.27E-04	1.46E-03	5.90E-04	8.60E-09	0.00E+00	0.00E+00	2.18E-05	0.00E+00	0.00E+00	1.46E-03
52	ALL		670140.6	4341111	NonCancer	6.38E-04	7.44E-04	1.26E-07	4.07E-05	2.21E-08	6.79E-04	1.87E-03	6.38E-04	2.04E-08	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	1.87E-03
53	ALL		670361.9	4341111	NonCancer	5.69E-04	6.64E-04	1.14E-07	3.66E-05	1.97E-08	6.06E-04	1.80E-03	5.69E-04	2.16E-08	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	1.80E-03
54	ALL		670583.2	4341111	NonCancer	3.98E-04	4.66E-04	8.15E-08	2.60E-05	1.39E-08	4.24E-04	1.41E-03	3.98E-04	1.49E-08	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	1.41E-03
55	ALL		670804.5	4341111	NonCancer	2.59E-04	3.06E-04	5.77E-08	1.78E-05	9.47E-09	2.77E-04	9.86E-04	2.59E-04	2.81E-08	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	9.86E-04
56	ALL		671025.8	4341111	NonCancer	1.94E-04	2.30E-04	4.45E-08	1.36E-05	7.20E-09	2.07E-04	7.11E-04	1.94E-04	2.27E-08	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	7.11E-04
57	ALL		671247.1	4341111	NonCancer	1.64E-04	1.96E-04	3.92E-08	1.18E-05	6.22E-09	1.76E-04	5.86E-04	1.64E-04	1.31E-08	0.00E+00	0.00E+00	9.69E-06	0.00E+00	0.00E+00	5.86E-04
58	ALL		671468.4	4341111	NonCancer	1.27E-04	1.53E-04	3.20E-08	9.43E-06	4.94E-09	1.37E-04	4.70E-04	1.27E-04	7.37E-09	0.00E+00	0.00E+00	7.04E-06	0.00E+00	0.00E+00	4.70E-04
59	ALL		671689.8	4341111	NonCancer	1.22E-04	1.52E-04	3.99E-08	1.08E-05	5.46E-09	1.33E-04	5.62E-04	1.22E-04	5.29E-09	0.00E+00	0.00E+00	7.60E-06	0.00E+00	0.00E+00	5.62E-04
60	ALL		671911.1	4341111	NonCancer	1.01E-04	1.27E-04	3.45E-08	9.20E-06	4.63E-09	1.10E-04	4.43E-04	1.01E-04	3.44E-09	0.00E+00	0.00E+00	6.28E-06	0.00E+00	0.00E+00	4.43E-04
61	ALL		672132.4	4341111	NonCancer	6.10E-05	7.56E-05	1.92E-08	5.24E-06	2.69E-09	6.63E-05	2.26E-04	6.10E-05	1.23E-09	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	2.26E-04
62	ALL		672353.7	4341111	NonCancer	5.21E-05	6.53E-05	1.76E-08	4.71E-06	2.39E-09	5.68E-05	1.82E-04	5.21E-05	9.74E-10	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	1.82E-04
63	ALL		672575	4341111	NonCancer	6.07E-05	7.93E-05	2.60E-08	6.51E-06	3.20E-09	6.72E-05	2.33E-04	6.07E-05	1.64E-09	0.00E+00	0.00E+00	4.43E-06	0.00E+00	0.00E+00	2.33E-04
64	ALL		668148.8	4341276	NonCancer	1.38E-04	1.85E-04	6.70E-08	1.63E-05	7.90E-09	1.54E-04	3.43E-04	1.38E-04	2.37E-09	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	3.43E-04
65	ALL		668370.1	4341276	NonCancer	1.56E-04	2.06E-04	7.01E-08	1.73E-05	8.47E-09	1.73E-04	3.89E-04	1.56E-04	2.69E-09	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	3.89E-04
66	ALL		668591.4	4341276	NonCancer	1.81E-04	2.32E-04	7.11E-08	1.82E-05	9.03E-09	1.99E-04	4.55E-04	1.81E-04	3.13E-09	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	4.55E-04
67	ALL		668812.7	4341276	NonCancer	2.17E-04	2.72E-04	7.42E-08	1.98E-05	9.97E-09	2.37E-04	5.47E-04	2.17E-04	3.67E-09	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	5.47E-04
68	ALL		669034	4341276	NonCancer	2.81E-04	3.45E-04	8.33E-08	2.32E-05	1.19E-08	3.05E-04	6.99E-04	2.81E-04	4.35E-09	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	6.99E-04
69	ALL		669255.3	4341276	NonCancer	3.22E-04	3.91E-04	8.89E-08	2.53E-05	1.31E-08	3.47E-04	8.07E-04	3.22E-04	5.15E-09	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	8.07E-04
70	ALL		669476.7	4341276	NonCancer	3.76E-04	4.53E-04	9.84E-08	2.86E-05	1.49E-08	4.04E-04	9.49E-04	3.76E-04	6.17E-09	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	9.49E-04
71	ALL		669698	4341276	NonCancer	4.82E-04	5.71E-04	1.11E-07	3.38E-05	1.80E-08	5.15E-04	1.21E-03	4.82E-04	7.58E-09	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	1.21E-03
72	ALL		669919.3	4341276	NonCancer	6.20E-04	7.28E-04	1.31E-07	4.12E-05	2.22E-08	6.61E-04	1.70E-03	6.20E-04	1.67E-08	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	1.70E-03
73	ALL		670140.6	4341276	NonCancer	7.94E-04	9.29E-04	1.62E-07	5.16E-05	2.81E-08	8.46E-04	2.13E-03	7.94E-04	1.79E-08	0.00E+00	0.00E+00	3.25E-05	0.00E+00	0.00E+00	2.13E-03
74	ALL		670361.9	4341276	NonCancer	8.08E-04	9.34E-04	1.47E-07	4.94E-05	2.70E-08	8.58E-04	2.23E-03	8.08E-04	2.04E-08	0.00E+00	0.00E+00	3.06E-05	0.00E+00	0.00E+00	2.23E-03
75	ALL		670583.2	4341276	NonCancer	5.75E-04	6.61E-04	9.84E-08	3.40E-05	1.86E-08	6.09E-04	1.71E-03	5.75E-04	1.93E-08	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	1.71E-03
76	ALL		670804.5	4341276	NonCancer	3.45E-04	4.02E-04	6.85E-08	2.21E-05	1.19E-08	3.67E-04	1.27E-03	3.45E-04	2.30E-08	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	1.27E-03
77	ALL		671025.8	4341276	NonCancer	2.42E-04	2.85E-04	5.28E-08	1.64E-05	8.77E-09	2.59E-04	9.91E-04	2.42E-04	3.04E-08	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	9.91E-04
78	ALL		671247.1	4341276	NonCancer	2.27E-04	2.70E-04	5.29E-08	1.60E-05	8.49E-09	2.43E-04	9.51E-04	2.27E-04	2.21E-08	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	9.51E-04
79	ALL		671468.4	4341276	NonCancer	1.88E-04	2.30E-04	5.41E-08	1.52E-05	7.78E-09	2.03E-04	1.00E-03	1.88E-04	1.29E-08	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	1.00E-03
80	ALL		671689.8	4341276	NonCancer	1.58E-04	1.99E-04	5.57E-08	1.47E-05	7.35E-09	1.73E-04	8.55E-04	1.58E-04	1.16E-08	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	8.55E-04
81	ALL		671911.1	4341276	NonCancer	1.24E-04	1.57E-04	4.52E-08	1.18E-05	5.89E-09	1.35E-04	6.20E-04	1.24E-04	4.85E-09	0.00E+00	0.00E+00	8.21E-06	0.00E+00	0.00E+00	6.20E-04
82	ALL		672132.4	4341276	NonCancer	7.14E-05	8.86E-05	2.27E-08	6.19E-06	3.17E-09	7.76E-05	2.72E-04	7.14E-05	1.43E-09	0.00E+00	0.00E+00	4.04E-06	0.00E+00	0.00E+00	2.72E-04
83	ALL		672353.7	4341276	NonCancer	5.53E-05	6.80E-05	1.65E-08	4.58E-06	2.37E-09	5.99E-05	2.02E-04	5.53E-05	1.04E-09	0.00E+00	0.00E+00	2.97E-06	0.00E+00	0.00E+00	2.02E-04
84	ALL		672575	4341276	NonCancer	7.01E-05	9.04E-05	2.79E-08	7.12E-06	3.53E-09	7.72E-05	2.79E-04	7.01E-05	2.00E-09	0.00E+00	0.00E+00	4.85E-06	0.00E+00	0.00E+00	2.79E-04
85	ALL		668148.8	4341441	NonCancer	1.31E-04	1.80E-04	7.14E-08	1.69E-05	8.09E-09	1.48E-04	3.25E-04	1.31E-04	2.37E-09	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	3.25E-04
86	ALL		668370.1	4341441	NonCancer	1.46E-04	1.97E-04	7.30E-08	1.76E-05	8.50E-09	1.63E-04	3.67E-04	1.46E-04	2.72E-09	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	3.67E-04
87	ALL		668591.4	4341441	NonCancer	1.65E-04	2.18E-04	7.41E-08	1.84E-05	8.96E-09	1.84E-04	4.21E-04	1.65E-04	3.14E-09	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	4.21E-04
88	ALL		668812.7	4341441	NonCancer	2.01E-04	2.56E-04	7.63E-08	1.97E-05	9.80E-09	2.20E-04	5.11E-04	2.00E-04	3.70E-09	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	5.11E-04
89	ALL		669034	4341441	NonCancer	2.51E-04	3.15E-04	8.70E-08	2.31E-05	1.16E-08	2.74E-04	6.32E-04	2.50E-04	4.37E-09	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	6.32E-04
90	ALL		669255.3	4341441	NonCancer	2.73E-04	3.41E-04	9.10E-08	2.44E-05	1.23E-08	2.97E-04	7.04E-04	2.73E-04	5.16E-09	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	7.04E-04
91	ALL		669476.7	4341441	NonCancer	3.41E-04	4.18E-04	1.01E-07	2.81E-05	1.44E-08	3.69E-04	8.76E-04	3.41E-04	6.29E-09	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	8.76E-04
92	ALL		669698	4341441	NonCancer	4.54E-04	5.45E-04	1.15E-07	3.37E-05	1.77E-08	4.88E-04	1.16E-03	4.54E-04	7.85E-09	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	1.16E-03
93	ALL		669919.3	4341441	NonCancer	5.98E-04	7.17E-04	1.49E-07	4.40E-05	2.33E-08	6.43E-04	1.61E-03	5.98E-04	1.30E-08	0.00E+00	0.00E+00	2.83E-05	0.00E+00	0.00E+00	1.61E-03
94	ALL		670140.6	4341441	NonCancer	8.32E-04	9.82E-04	1.82E-07	5.64E-05	3.05E-08	8.89E-04	2.12E-03	8.32E-04	1.35E-08	0.00E+00	0.00E+00	3.49E-05	0.00E+00	0.00E+00	2.12E-03
95	ALL		670361.9	4341441	NonCancer	1.07E-03	1.24E-03	1.95E-07	6.55E-05	3.62E-08	1.14E-03	2.70E-03	1.07E-03	1.85E-08	0.00E+00	0.00E+00	3.96E-05	0.00E+00	0.00E+00	2.70E-03
96	ALL		670583.2	4341441	NonCancer	9.51E-04	1.08E-03	1.48E-07	5.33E-05	2.97E-08	1.00E-03	2.46E-03	9.51E-04	2.37E-08	0.00E+00	0.00E+00	3.20E-05	0.00E+00	0.00E+00	2.46E-03
97	ALL		670804.5	4341441	NonCancer	5.99E-04	6.91E-04	1.07E-07	3.62E-05	1.96E-08	6.36E-04	2.01E-03	5.99E-04	3.97E-08	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	2.01E-03
98	ALL		671025.8	4341441	NonCancer	3.65E-04	4.27E-04	7.50E-08	2.39E-05	1.28E-08	3.89E-04	1.55E-03	3.65E-04	5.62E-08	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	1.55E-03

99	ALL	671689.8	4341441	NonCancer	2.46E-04	3.09E-04	8.61E-08	2.28E-05	1.13E-08	2.69E-04	2.33E-03	2.46E-04	3.61E-08	0.00E+00	0.00E+00	2.18E-05	0.00E+00	0.00E+00	2.33E-03
100	ALL	671911.1	4341441	NonCancer	1.40E-04	1.78E-04	5.22E-08	1.36E-05	6.75E-09	1.54E-04	7.65E-04	1.40E-04	4.75E-09	0.00E+00	0.00E+00	9.27E-06	0.00E+00	0.00E+00	7.65E-04
101	ALL	672132.4	4341441	NonCancer	9.03E-05	1.10E-04	2.60E-08	7.30E-06	3.79E-09	9.76E-05	3.69E-04	9.03E-05	1.97E-09	0.00E+00	0.00E+00	4.75E-06	0.00E+00	0.00E+00	3.69E-04
102	ALL	672353.7	4341441	NonCancer	8.28E-05	1.01E-04	2.30E-08	6.55E-06	3.41E-09	8.94E-05	3.20E-04	8.28E-05	1.76E-09	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	3.20E-04
103	ALL	672575	4341441	NonCancer	9.59E-05	1.26E-04	4.13E-08	1.03E-05	5.06E-09	1.06E-04	5.10E-04	9.59E-05	4.60E-09	0.00E+00	0.00E+00	7.45E-06	0.00E+00	0.00E+00	5.10E-04
104	ALL	668148.8	4341606	NonCancer	1.28E-04	1.79E-04	7.41E-08	1.73E-05	8.24E-09	1.45E-04	3.19E-04	1.28E-04	2.44E-09	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	3.19E-04
105	ALL	668370.1	4341606	NonCancer	1.41E-04	1.93E-04	7.41E-08	1.77E-05	8.49E-09	1.59E-04	3.57E-04	1.41E-04	2.78E-09	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	3.57E-04
106	ALL	668591.4	4341606	NonCancer	1.58E-04	2.12E-04	7.67E-08	1.87E-05	9.02E-09	1.77E-04	4.05E-04	1.58E-04	3.19E-09	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	4.05E-04
107	ALL	668812.7	4341606	NonCancer	1.81E-04	2.39E-04	8.06E-08	2.00E-05	9.75E-09	2.01E-04	4.66E-04	1.81E-04	3.71E-09	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	4.66E-04
108	ALL	669034	4341606	NonCancer	2.05E-04	2.67E-04	8.63E-08	2.17E-05	1.06E-08	2.27E-04	5.35E-04	2.05E-04	4.35E-09	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	5.35E-04
109	ALL	669255.3	4341606	NonCancer	2.38E-04	3.06E-04	9.38E-08	2.40E-05	1.19E-08	2.62E-04	6.29E-04	2.38E-04	5.19E-09	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	6.29E-04
110	ALL	669476.7	4341606	NonCancer	2.95E-04	3.73E-04	1.05E-07	2.76E-05	1.38E-08	3.23E-04	7.80E-04	2.95E-04	6.35E-09	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	7.80E-04
111	ALL	669698	4341606	NonCancer	3.72E-04	4.59E-04	1.15E-07	3.16E-05	1.61E-08	4.03E-04	9.88E-04	3.72E-04	7.94E-09	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	9.88E-04
112	ALL	669919.3	4341606	NonCancer	4.90E-04	6.08E-04	1.56E-07	4.23E-05	2.17E-08	5.32E-04	1.29E-03	4.90E-04	9.40E-09	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	1.29E-03
113	ALL	670140.6	4341606	NonCancer	7.32E-04	8.84E-04	1.93E-07	5.58E-05	2.94E-08	7.88E-04	1.86E-03	7.32E-04	1.08E-08	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	1.86E-03
114	ALL	670361.9	4341606	NonCancer	1.09E-03	1.28E-03	2.20E-07	7.06E-05	3.87E-08	1.16E-03	2.64E-03	1.09E-03	1.27E-08	0.00E+00	0.00E+00	4.24E-05	0.00E+00	0.00E+00	2.64E-03
115	ALL	670583.2	4341606	NonCancer	1.49E-03	1.70E-03	2.41E-07	8.52E-05	4.79E-08	1.57E-03	3.58E-03	1.49E-03	2.37E-08	0.00E+00	0.00E+00	5.03E-05	0.00E+00	0.00E+00	3.58E-03
116	ALL	670804.5	4341606	NonCancer	1.30E-03	1.48E-03	2.08E-07	7.40E-05	4.05E-08	1.37E-03	3.75E-03	1.30E-03	9.36E-08	0.00E+00	0.00E+00	5.75E-05	0.00E+00	0.00E+00	3.75E-03
117	ALL	671025.8	4341606	NonCancer	6.53E-04	7.58E-04	1.26E-07	4.12E-05	2.20E-08	6.94E-04	2.67E-03	6.52E-04	1.47E-07	0.00E+00	0.00E+00	5.58E-05	0.00E+00	0.00E+00	2.67E-03
118	ALL	671689.8	4341606	NonCancer	3.40E-04	4.20E-04	1.07E-07	2.93E-05	1.46E-08	3.69E-04	4.54E-03	3.40E-04	4.58E-08	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	4.54E-03
119	ALL	671911.1	4341606	NonCancer	1.87E-04	2.37E-04	6.72E-08	1.77E-05	8.81E-09	2.05E-04	1.18E-03	1.87E-04	8.51E-09	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	1.18E-03
120	ALL	672132.4	4341606	NonCancer	1.33E-04	1.61E-04	3.69E-08	1.05E-05	5.45E-09	1.43E-04	6.10E-04	1.33E-04	3.49E-09	0.00E+00	0.00E+00	6.88E-06	0.00E+00	0.00E+00	6.10E-04
121	ALL	672353.7	4341606	NonCancer	1.03E-04	1.25E-04	2.91E-08	8.22E-06	4.26E-09	1.11E-04	4.27E-04	1.03E-04	2.32E-09	0.00E+00	0.00E+00	5.33E-06	0.00E+00	0.00E+00	4.27E-04
122	ALL	672575	4341606	NonCancer	1.15E-04	1.48E-04	4.65E-08	1.18E-05	5.81E-09	1.27E-04	5.79E-04	1.15E-04	7.99E-09	0.00E+00	0.00E+00	9.06E-06	0.00E+00	0.00E+00	5.79E-04
123	ALL	668148.8	4341771	NonCancer	1.24E-04	1.81E-04	8.35E-08	1.90E-05	8.89E-09	1.43E-04	3.06E-04	1.24E-04	2.42E-09	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	3.06E-04
124	ALL	668370.1	4341771	NonCancer	1.37E-04	1.92E-04	7.97E-08	1.86E-05	8.83E-09	1.56E-04	3.46E-04	1.37E-04	2.82E-09	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	3.46E-04
125	ALL	668591.4	4341771	NonCancer	1.47E-04	2.06E-04	8.52E-08	2.00E-05	9.46E-09	1.67E-04	3.77E-04	1.47E-04	3.18E-09	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	3.77E-04
126	ALL	668812.7	4341771	NonCancer	1.65E-04	2.26E-04	8.80E-08	2.10E-05	1.00E-08	1.86E-04	4.28E-04	1.65E-04	3.71E-09	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	4.28E-04
127	ALL	669034	4341771	NonCancer	1.89E-04	2.53E-04	9.18E-08	2.23E-05	1.08E-08	2.11E-04	4.98E-04	1.89E-04	4.39E-09	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	4.98E-04
128	ALL	669255.3	4341771	NonCancer	2.32E-04	3.06E-04	1.05E-07	2.59E-05	1.26E-08	2.58E-04	6.10E-04	2.32E-04	5.28E-09	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	6.10E-04
129	ALL	669476.7	4341771	NonCancer	2.50E-04	3.27E-04	1.08E-07	2.70E-05	1.32E-08	2.77E-04	6.84E-04	2.50E-04	7.41E-09	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	6.84E-04
130	ALL	669698	4341771	NonCancer	2.82E-04	3.69E-04	1.21E-07	3.02E-05	1.49E-08	3.13E-04	7.76E-04	2.82E-04	8.22E-09	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	7.76E-04
131	ALL	669919.3	4341771	NonCancer	3.73E-04	4.83E-04	1.51E-07	3.85E-05	1.91E-08	4.12E-04	9.68E-04	3.73E-04	7.57E-09	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	9.68E-04
132	ALL	670140.6	4341771	NonCancer	5.22E-04	6.56E-04	1.81E-07	4.79E-05	2.43E-08	5.70E-04	1.31E-03	5.22E-04	7.74E-09	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	1.31E-03
133	ALL	670361.9	4341771	NonCancer	7.70E-04	9.28E-04	1.99E-07	5.80E-05	3.07E-08	8.29E-04	1.85E-03	7.70E-04	8.06E-09	0.00E+00	0.00E+00	3.59E-05	0.00E+00	0.00E+00	1.85E-03
134	ALL	670583.2	4341771	NonCancer	1.59E-03	1.87E-03	3.30E-07	1.05E-04	5.73E-08	1.70E-03	3.89E-03	1.59E-03	1.90E-08	0.00E+00	0.00E+00	6.39E-05	0.00E+00	0.00E+00	3.89E-03
135	ALL	670804.5	4341771	NonCancer	2.28E-03	2.64E-03	4.16E-07	1.39E-04	7.63E-08	2.42E-03	6.53E-03	2.28E-03	9.83E-08	0.00E+00	0.00E+00	9.63E-05	0.00E+00	0.00E+00	6.53E-03
136	ALL	671025.8	4341771	NonCancer	1.54E-03	1.77E-03	2.78E-07	9.42E-05	4.84E-08	1.64E-03	6.19E-03	1.54E-03	5.80E-07	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	6.19E-03
137	ALL	671689.8	4341771	NonCancer	3.63E-04	4.43E-04	1.05E-07	2.96E-05	1.51E-08	3.92E-04	3.63E-03	3.63E-04	3.31E-08	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	3.63E-03
138	ALL	671911.1	4341771	NonCancer	2.56E-04	3.17E-04	8.11E-08	2.21E-05	1.12E-08	2.78E-04	1.52E-03	2.56E-04	1.14E-08	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	1.52E-03
139	ALL	672132.4	4341771	NonCancer	1.51E-04	1.81E-04	3.75E-08	1.11E-05	5.85E-09	1.62E-04	6.61E-04	1.51E-04	3.66E-09	0.00E+00	0.00E+00	7.13E-06	0.00E+00	0.00E+00	6.61E-04
140	ALL	672353.7	4341771	NonCancer	1.06E-04	1.28E-04	2.74E-08	8.00E-06	4.21E-09	1.14E-04	4.17E-04	1.06E-04	2.21E-09	0.00E+00	0.00E+00	5.12E-06	0.00E+00	0.00E+00	4.17E-04
141	ALL	672575	4341771	NonCancer	1.28E-04	1.65E-04	5.12E-08	1.30E-05	6.43E-09	1.41E-04	6.25E-04	1.28E-04	8.44E-09	0.00E+00	0.00E+00	9.91E-06	0.00E+00	0.00E+00	6.25E-04
142	ALL	668148.8	4341936	NonCancer	1.22E-04	1.84E-04	9.25E-08	2.06E-05	9.56E-09	1.43E-04	2.96E-04	1.22E-04	2.37E-09	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	2.96E-04
143	ALL	668370.1	4341936	NonCancer	1.32E-04	1.97E-04	9.61E-08	2.16E-05	1.00E-08	1.54E-04	3.28E-04	1.32E-04	2.75E-09	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	3.28E-04
144	ALL	668591.4	4341936	NonCancer	1.44E-04	2.08E-04	9.35E-08	2.14E-05	1.00E-08	1.65E-04	3.66E-04	1.44E-04	3.22E-09	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	3.66E-04
145	ALL	668812.7	4341936	NonCancer	1.61E-04	2.26E-04	9.39E-08	2.20E-05	1.04E-08	1.83E-04	4.18E-04	1.61E-04	3.79E-09	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	4.18E-04
146	ALL	669034	4341936	NonCancer	1.86E-04	2.55E-04	9.92E-08	2.36E-05	1.13E-08	2.10E-04	4.89E-04	1.86E-04	4.49E-09	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	4.89E-04
147	ALL	669255.3	4341936	NonCancer	2.03E-04	2.81E-04	1.13E-07	2.66E-05	1.26E-08	2.29E-04	5.48E-04	2.03E-04	6.19E-09	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	5.48E-04
148	ALL	669476.7	4341936	NonCancer	2.15E-04	2.96E-04	1.17E-07	2.77E-05	1.32E-08	2.43E-04	5.84E-04	2.15E-04	6.53E-09	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	5.84E-04
149	ALL	669698	4341936	NonCancer	2.58E-04	3.51E-04	1.32E-07	3.18E-05	1.53E-08	2.90E-04	6.58E-04	2.58E-04	5.15E-09	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	6.58E-04
150	ALL	669919.3	4341936	NonCancer	2.98E-04	3.95E-04	1.35E-07	3.33E-05	1.64E-08	3.32E-04	7.30E-04	2.98E-04	4.43E-09	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	7.30E-04
151	ALL	670140.6	4341936	NonCancer	3.78E-04	4.90E-04	1.55E-07	3.92E-05	1.95E-08	4.17E-04	9.25E-04	3.78E-04	5.38E-09	0.00E+00	0.00E+00	2.58E-05	0.00E+00	0.00E+00	9.25E-04
152	ALL	670361.9	4341936	NonCancer	5.19E-04	6.63E-04	1.97E-07	5.09E-05	2.55E-08	5.70E-04	1.30E-03	5.19E-04	7.67E-09	0.00E+00	0.00E+00	3.32E-05	0.00E+00	0.00E+00	1.30E-03
153	ALL	670583.2	4341936	NonCancer	9.00E-04	1.14E-03	3.19E-07	8.40E-05	4.24E-08	9.84E-04	2.57E-03	9.00E-04	2.50E-08	0.00E+00	0.00E+00	5.72E-05	0.00E+00	0.00E+00	2.57E-03
154	ALL	670804.5	4341936	NonCancer	2.00E-03	2.39E-03	4.84E-07	1.45E-04	7.67E-08	2.14E-03	6.04E-03	2.00E-03	1.04E-07	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	6.04E-03
155	ALL	671468.4	4341936	NonCancer	1.07E-03	1.23E-03	1.90E-07	6.46E-05	3.44E-08	1.13E-03	1.32E-02	1.07E-03	2.56E-07	0.00E+00	0.00E+00	9.15E-05	0.00E+00	0.00E+00	1.32E-02
156	ALL	671689.8	4341936	NonCancer	5.16E-04	6.07E-04	1.12E-07	3.50E-05	1.84E-08	5.51E-04	3.22E-03	5.16E-04	4.68E-08	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	3.22E-03
157	ALL	671911.1	4341936	NonCancer	3.15E-04	3.80E-04	8.27E-08	2.40E-05	1.24E-08	3.39E-04	1.51E-03	3.15E-04	1.25E-08	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	1.51E-03
158	ALL	672132.4	4341936	NonCancer	1.85E-04	2.20E-04	4.37E-08	1.32E-05	6.97E-09	1.98E-04	7.26E-04	1.85E-04	4.10E-09	0.00E+00	0.00E+00	8.30E-06	0.00E+00	0.00E+00	7.26E-04
159	ALL	672353.7	4341936	NonCancer	1.22E-04	1.47E-04	3.06E-08	9.03E-06	4.77E-09	1.31E-04	4.47E-04	1.22E-04	2.28E-09	0.00E+00	0.00E+00	5.68E-06	0.00E+00	0.00E+00	4.47E-04
160	ALL	672575	4341936	NonCancer	1.20E-04	1.54E-04	4.72E-08	1.21E-05	5.99E-09	1.32E-04	4.68E-04	1.20E-04	3.19E-09	0.00E+00	0.00E+00	8.16E-06	0.00E+00	0.00E+00	4.68E-04
161	ALL	668148.8	4342101	NonCancer	1.27E-04	1.99E-04	1.07E-07	2.35E-05	1.08E-08	1.51E-04	3.04E-04	1.27E-04	2.44E-09	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	3.04E-04
162	ALL	668370.1	4342101	NonCancer	1.37E-04	2.08E-04	1.06E-07	2.36E-05	1.09E-08	1.61E-04	3.36E-04	1.37E-04	2.86E-09	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	3.36E-04
163	ALL	668591.4	4342101	NonCancer	1.49E-04	2.18E-04	1.02E-07	2.31E-05	1.08E-08	1.72E-04	3.76E-04	1.49E-04	3.34E-09	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	3.76E-04
164	ALL	668812.7	4342101	NonCancer	1.62E-04	2.33E-04	1.04E-07	2.39E-05	1.12E-08	1.86E-04	4.17E-04	1.62E-04	3.88E-09	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	4.17E-04
165	ALL	669034	4342101	NonCancer	1.89E-04	2.70E-04	1.19E-07	2.74E-05	1.28E-08	2.17E-04	4.89E-04	1.89E-04	4.60E-09	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	4.89E-04
166	ALL	669255.3	4342101	NonCancer	2.09E-04	2.97E-04	1.29E-07	2.99E-05	1.40E-08	2.39E-04	5.54E-04	2.09E-04	5.52E-09	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	5.54E-04
167	ALL	669476.7	4342101	NonCancer	2.06E-04	2.94E-04	1.28E-07	2.96E-05	1.39E-08	2.36E-04	5.72E-04	2.06E-04	7.75E-09	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	5.72E-04
168	ALL	669698	4342101	NonCancer	2.38E-04	3.33E-04	1.38E-07	3.22E-05	1.53E-08	2.70E-04	6.53E-04	2.38E-04	8.20E-09	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	6.53E-04
169	ALL	669919.3	4342101	NonCancer	2.86E-04	3.95E-04	1.57E-07	3.72E-05	1.78E-08	3.24E-04	7.80E-04	2.86E-04	9.16E-09	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	7.80E-04
170	ALL	670140.6	4342101	NonCancer	3.53E-04	4.79E-04	1.79E-07	4.30E-05	2.08E-08	3.96E-04	9.14E-04	3.53E-04	8.52E-09	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	9.14E-04
171	ALL	670361.9	4342101	NonCancer	4.58E-04	6.14E-04	2.21E-07	5.39E-05	2.59E-08	5.12E-04	1.48E-03	4.58E-04	2.71E-08	0.00E+00	0.00E+00	4.00E-05	0.00E+00	0.00E+00	1.48E-03
172	ALL	670583.2	4342101	NonCancer	6.82E-04	9.04E-04	3.14E-07	7.74E-05	3.73E-08	7.59E-04	2.28E-03	6.82E-04	4.04E-08	0.00E+00	0.00E+00	5.69E-05	0.00E+00	0.00E+00	2.28E-03
173	ALL	671468.4	4342101	NonCancer	1.32E-03	1.51E-03	2.20E-07	7.69E-05	4.17E-08	1.39E-03	6.55E-03	1.32E-03	1.17E-07	0.00E+00	0.00E+00	6.47E-05	0.00E+00	0.00E+00	6.55E-03
174	ALL	671689.8	4342101	NonCancer	6.00E-04	7.01E-04	1.22E-07	3.91E-05	2.09E-08	6.39E-04	2.66E-03	6.00E-04	2.99E-08	0.00E+00	0.00E+00	2.75E-05	0.00E+00	0.00E+00	2.66E-03
175	ALL	671911.1	4342101	NonCancer	3.49E-04	4.19E-04	8.93E-08	2.62E-05	1.36E-08	3.75E-04	1.43E-03	3.49E-04	1.10E-08	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	1.43E-03
176	ALL	672132.4	4342101	NonCancer	2.13E-04	2.56E-04	5.58E-08	1.62E-05	8.45E-09	2.29E-04	7.87E-04	2.13E-04	4.43E-09	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	7.87E-04
177	ALL	672353.7	4342101	NonCancer	1.39E-04	1.69E-04	3.77E-08	1.08E-05	5.65E-09	1.50E-04	4.83E-04	1.39E-04	2.40E-09	0.00E+00	0.00E+00	6.83E-06	0.00E+00	0.00E+00	4.83E-04
178	ALL	672575	4342101	NonCancer	1.24E-04	1.59E-04	4.87E-08	1.25E-05	6.19E-09	1.36E-04	4.56E-04	1.24E-04	2.98E-09	0.00E+00	0.00E+00	8.35E-06	0.00E+00	0.00E+00	4.56E-04
179	ALL	668148.8	4342266	NonCancer	1.38E-04	2.19E-04	1.23E-07	2.68E-05	1.22E-08	1.65E-04	3.21E-04	1.38E-04	2.51E-09	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	3.21E-04
180	ALL	668370.1	4342266	NonCancer	1.48E-04	2.30E-04	1.22E-07	2.69E-05	1.24E-08	1.75E-04	3.54E-04	1.48E-04	2.93E-09	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	3.54E-04
181	ALL	668591.4	4342266	NonCancer	1.57E-04	2.42E-04	1.27E-07	2.81E-05	1.29E-08	1.86E-04	3.81E-04	1.57E-04	3.29E-09	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	3.81E-04
182	ALL	668812.7	4342266	NonCancer	1.70E-04	2.57E-04	1.29E-07	2.88E-05	1.33E-08	1.99E-04	4.22E-04	1.70E-04	3.85E-09	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	4.22E-04
183	ALL	669034	4342266	NonCancer	1.84E-04	2.73E-04	1.33E-07	2.98E-05	1.38E-08	2.14E-04	4.68E-04	1.84E-04	4.56E-09	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	4.68E-04
184	ALL	669255.3	4342266	NonCancer	2.07E-04	2.98E-04	1.34E-07	3.08E-05	1.43E-08	2.37E-04	5.42E-04	2.07E-04	5.58E-09	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	5.42E-04
185	ALL	669476.7	4342266	NonCancer	2.38E-04	3.37E-04	1.45E-07	3.36E-05	1.57E-08	2.72E-04	6.37E-04	2.38E-04	6.87E-09	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	6.37E-04
186	ALL	669698	4342266	NonCancer	2.95E-04	4.11E-04	1.69E-07	3.97E-05	1.87E-08	3.35E-04	7.95E-04	2.95E-04	8.68E-09	0.00E+00	0.00E+00	2.70E-05	0.00E+00	0.00E+00	7.95E-04
187	ALL	669919.3	4342266	NonCancer	3.47E-04	4.75E-04	1.85E-07	4.41E-05	2.09E-08	3.92E-04	9.65E-04	3.47E-04	1.12E-08	0.00E+00	0.00E+00	3.00E-05	0.00E+00	0.00E+00	9.65E-04
188	ALL	670140.6	4342266	NonCancer	3.93E-04	5.38E-04	2.10E-07	5.00E-05	2.37E-08	4.43E-04	1.17E-03	3.93E-04	2.16E-08	0.00E+00	0.00E+00	3.63E-05	0.00E+00	0.00E+00	1.17E-03
189	ALL	670361.9	4342266	NonCancer	5.37E-04	7.31E-04	2.80E-07	6.70E-05	3.18E-08	6.04E-04	1.61E-03	5.37E-04	2.14E-08	0.00E+00	0.00E+00	4.65E-05	0.00E+00	0.00E+00	1.61E-03
190	ALL	670583.2	4342266	NonCancer	7.97E-04	1.07E-03	3.83E-07	9.35E-05	4.48E-08	8.91E-04	2.45E-03	7.97E-04	3.57E-08	0.00E+00	0.00E+00	6.57E-05	0.00E+00	0.00E+00	2.45E-03
191	ALL	670804.5	4342266	NonCancer	1.42E-03	1.89E-03	6.66E-07	1.63E-04	7.85E-08	1.58E-03	4.50E-03	1.42E-03	7.72E-08	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	4.50E-03
192	ALL	671025.8	4342266	NonCancer	3.84E-03	5.26E-03	2.04E-06	4.86E-04	2.32E-07	4.33E-03	1.08E-02	3.84E-03	1.91E-07	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	1.08E-02
193	ALL	671247.1	4342266	NonCancer	3.75E-03	4.87E-03	1.58E-06	3.99E-04	1.92E-07	4.15E-03	1.27E-02	3.75E-03	2.79E-07	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	1.27E-02
194	ALL	671468.4	4342266	NonCancer	1.08E-03	1.28E-03	2.54E-07	7.68E-05	4.01E-08	1.16E-03	4.47E-03	1.08E-03	5.58E-08	0.00E+00	0.00E+00	5.42E-05	0.00E+00	0.00E+00	4.47E-03
195	ALL	671689.8	4342266	NonCancer	5.59E-04	6.68E-04	1.39E-07	4.11E-05	2.15E-08	6.00E-04	2.21E-03	5.59E-04	1.91E-08	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	2.21E-03
196	ALL	671911.1	4342266	NonCancer	3.33E-04	4.03E-04	9.00E-08	2.59E-05	1.34E-08	3.59E-04	1.23E-03	3.33E-04	7.24E-09	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	1.23E-03
197	ALL	672132.4	4342266	NonCancer	2.24E-04	2.77E-04	6.91E-08	1.90E-05	9.71E-09	2.44E-04	8.08E-04	2.24E-04	4.50E-09	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	8.08E-04

198	ALL	672353.7	4342266	NonCancer	1.55E-04	1.92E-04	4.93E-08	1.34E-05	6.85E-09	1.68E-04	5.41E-04	1.55E-04	3.10E-09	0.00E+00	0.00E+00	8.69E-06	0.00E+00	0.00E+00	5.41E-04
199	ALL	672575	4342266	NonCancer	1.48E-04	1.92E-04	6.20E-08	1.56E-05	7.66E-09	1.63E-04	6.30E-04	1.48E-04	8.09E-09	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	6.30E-04
200	ALL	668148.8	4342431	NonCancer	1.46E-04	2.35E-04	1.34E-07	2.90E-05	1.32E-08	1.75E-04	3.31E-04	1.46E-04	2.43E-09	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	3.31E-04
201	ALL	668370.1	4342431	NonCancer	1.64E-04	2.64E-04	1.51E-07	3.27E-05	1.49E-08	1.97E-04	3.75E-04	1.64E-04	2.88E-09	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	3.75E-04
202	ALL	668591.4	4342431	NonCancer	1.77E-04	2.83E-04	1.60E-07	3.48E-05	1.59E-08	2.12E-04	4.07E-04	1.77E-04	3.19E-09	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	4.07E-04
203	ALL	668812.7	4342431	NonCancer	1.95E-04	3.09E-04	1.73E-07	3.77E-05	1.72E-08	2.32E-04	4.52E-04	1.95E-04	3.68E-09	0.00E+00	0.00E+00	2.62E-05	0.00E+00	0.00E+00	4.52E-04
204	ALL	669034	4342431	NonCancer	2.12E-04	3.34E-04	1.84E-07	4.02E-05	1.84E-08	2.52E-04	5.00E-04	2.12E-04	4.31E-09	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	5.00E-04
205	ALL	669255.3	4342431	NonCancer	2.26E-04	3.49E-04	1.85E-07	4.08E-05	1.87E-08	2.67E-04	5.53E-04	2.26E-04	5.21E-09	0.00E+00	0.00E+00	2.82E-05	0.00E+00	0.00E+00	5.53E-04
206	ALL	669476.7	4342431	NonCancer	2.44E-04	3.65E-04	1.80E-07	4.05E-05	1.86E-08	2.85E-04	6.31E-04	2.44E-04	6.64E-09	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	6.31E-04
207	ALL	669698	4342431	NonCancer	2.80E-04	4.14E-04	1.98E-07	4.48E-05	2.07E-08	3.25E-04	7.43E-04	2.80E-04	8.21E-09	0.00E+00	0.00E+00	3.09E-05	0.00E+00	0.00E+00	7.43E-04
208	ALL	669919.3	4342431	NonCancer	3.53E-04	5.06E-04	2.25E-07	5.17E-05	2.41E-08	4.05E-04	9.48E-04	3.53E-04	1.06E-08	0.00E+00	0.00E+00	3.55E-05	0.00E+00	0.00E+00	9.48E-04
209	ALL	670140.6	4342431	NonCancer	4.51E-04	6.35E-04	2.68E-07	6.25E-05	2.93E-08	5.14E-04	1.23E-03	4.51E-04	1.35E-08	0.00E+00	0.00E+00	4.27E-05	0.00E+00	0.00E+00	1.23E-03
210	ALL	670361.9	4342431	NonCancer	5.98E-04	8.31E-04	3.37E-07	7.95E-05	3.75E-08	6.78E-04	1.66E-03	5.98E-04	1.81E-08	0.00E+00	0.00E+00	5.43E-05	0.00E+00	0.00E+00	1.66E-03
211	ALL	670583.2	4342431	NonCancer	9.33E-04	1.27E-03	4.78E-07	1.15E-04	5.49E-08	1.05E-03	2.65E-03	9.33E-04	3.92E-08	0.00E+00	0.00E+00	8.13E-05	0.00E+00	0.00E+00	2.65E-03
212	ALL	670804.5	4342431	NonCancer	1.94E-03	2.59E-03	9.29E-07	2.27E-04	1.10E-07	2.16E-03	5.04E-03	1.94E-03	7.00E-08	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	5.04E-03
213	ALL	671025.8	4342431	NonCancer	4.23E-03	7.02E-03	4.24E-06	9.10E-04	4.13E-07	5.14E-03	9.44E-03	4.23E-03	1.28E-07	0.00E+00	0.00E+00	6.53E-04	0.00E+00	0.00E+00	9.44E-03
214	ALL	671247.1	4342431	NonCancer	2.09E-03	2.62E-03	7.16E-07	1.91E-04	9.58E-08	2.28E-03	6.07E-03	2.09E-03	1.22E-07	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	6.07E-03
215	ALL	671468.4	4342431	NonCancer	8.38E-04	1.02E-03	2.31E-07	6.59E-05	3.39E-08	9.04E-04	3.02E-03	8.38E-04	3.34E-08	0.00E+00	0.00E+00	4.47E-05	0.00E+00	0.00E+00	3.02E-03
216	ALL	671689.8	4342431	NonCancer	4.48E-04	5.46E-04	1.27E-07	3.60E-05	1.85E-08	4.84E-04	1.64E-03	4.48E-04	1.46E-08	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	1.64E-03
217	ALL	671911.1	4342431	NonCancer	2.85E-04	3.51E-04	8.66E-08	2.39E-05	1.23E-08	3.09E-04	1.00E-03	2.85E-04	5.26E-09	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	1.00E-03
218	ALL	672132.4	4342431	NonCancer	2.06E-04	2.59E-04	7.05E-08	1.88E-05	9.49E-09	2.25E-04	7.14E-04	2.06E-04	3.84E-09	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	7.14E-04
219	ALL	672353.7	4342431	NonCancer	1.77E-04	2.32E-04	7.68E-08	1.92E-05	9.39E-09	1.96E-04	7.49E-04	1.77E-04	4.85E-09	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	7.49E-04
220	ALL	672575	4342431	NonCancer	1.49E-04	1.97E-04	6.81E-08	1.68E-05	8.17E-09	1.66E-04	5.99E-04	1.49E-04	7.52E-09	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	5.99E-04
221	ALL	668148.8	4342596	NonCancer	1.64E-04	2.68E-04	1.59E-07	3.42E-05	1.55E-08	1.98E-04	3.60E-04	1.64E-04	2.50E-09	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	3.60E-04
222	ALL	668370.1	4342596	NonCancer	1.83E-04	3.02E-04	1.81E-07	3.89E-05	1.76E-08	2.22E-04	4.02E-04	1.83E-04	2.81E-09	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	4.02E-04
223	ALL	668591.4	4342596	NonCancer	2.04E-04	3.36E-04	2.01E-07	4.32E-05	1.96E-08	2.47E-04	4.49E-04	2.04E-04	3.21E-09	0.00E+00	0.00E+00	3.01E-05	0.00E+00	0.00E+00	4.49E-04
224	ALL	668812.7	4342596	NonCancer	2.22E-04	3.62E-04	2.12E-07	4.57E-05	2.08E-08	2.68E-04	4.97E-04	2.22E-04	3.71E-09	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	4.97E-04
225	ALL	669034	4342596	NonCancer	2.43E-04	3.93E-04	2.26E-07	4.91E-05	2.23E-08	2.92E-04	5.51E-04	2.43E-04	4.35E-09	0.00E+00	0.00E+00	3.41E-05	0.00E+00	0.00E+00	5.51E-04
226	ALL	669255.3	4342596	NonCancer	2.58E-04	4.07E-04	2.24E-07	4.91E-05	2.24E-08	3.07E-04	6.06E-04	2.58E-04	5.20E-09	0.00E+00	0.00E+00	3.40E-05	0.00E+00	0.00E+00	6.06E-04
227	ALL	669476.7	4342596	NonCancer	2.88E-04	4.48E-04	2.40E-07	5.28E-05	2.41E-08	3.41E-04	6.87E-04	2.88E-04	6.15E-09	0.00E+00	0.00E+00	3.65E-05	0.00E+00	0.00E+00	6.87E-04
228	ALL	669698	4342596	NonCancer	3.26E-04	4.88E-04	2.41E-07	5.40E-05	2.49E-08	3.80E-04	8.13E-04	3.26E-04	7.87E-09	0.00E+00	0.00E+00	3.71E-05	0.00E+00	0.00E+00	8.13E-04
229	ALL	669919.3	4342596	NonCancer	3.78E-04	5.64E-04	2.76E-07	6.21E-05	2.86E-08	4.41E-04	9.59E-04	3.78E-04	9.43E-09	0.00E+00	0.00E+00	4.27E-05	0.00E+00	0.00E+00	9.59E-04
230	ALL	670140.6	4342596	NonCancer	5.00E-04	7.25E-04	3.31E-07	7.57E-05	3.52E-08	5.76E-04	1.29E-03	5.00E-04	1.22E-08	0.00E+00	0.00E+00	5.17E-05	0.00E+00	0.00E+00	1.29E-03
231	ALL	670361.9	4342596	NonCancer	7.67E-04	1.06E-03	4.21E-07	9.96E-05	4.73E-08	8.67E-04	1.93E-03	7.67E-04	1.56E-08	0.00E+00	0.00E+00	6.67E-05	0.00E+00	0.00E+00	1.93E-03
232	ALL	670583.2	4342596	NonCancer	1.08E-03	1.46E-03	5.41E-07	1.30E-04	6.31E-08	1.21E-03	2.66E-03	1.08E-03	2.07E-08	0.00E+00	0.00E+00	8.81E-05	0.00E+00	0.00E+00	2.66E-03
233	ALL	670804.5	4342596	NonCancer	1.73E-03	2.53E-03	1.17E-06	2.67E-04	1.25E-07	2.00E-03	4.18E-03	1.73E-03	4.20E-08	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	4.18E-03
234	ALL	671025.8	4342596	NonCancer	2.75E-03	4.46E-03	2.58E-06	5.59E-04	2.55E-07	3.31E-03	6.13E-03	2.75E-03	7.51E-08	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	6.13E-03
235	ALL	671247.1	4342596	NonCancer	1.53E-03	1.96E-03	6.00E-07	1.54E-04	7.61E-08	1.68E-03	4.25E-03	1.53E-03	7.86E-08	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	4.25E-03
236	ALL	671468.4	4342596	NonCancer	6.64E-04	8.12E-04	1.92E-07	5.40E-05	2.77E-08	7.19E-04	2.16E-03	6.64E-04	1.79E-08	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	2.16E-03
237	ALL	671689.8	4342596	NonCancer	3.44E-04	4.23E-04	1.03E-07	2.86E-05	1.47E-08	3.73E-04	1.19E-03	3.44E-04	1.39E-08	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	1.19E-03
238	ALL	671911.1	4342596	NonCancer	2.29E-04	2.83E-04	7.07E-08	1.94E-05	9.94E-09	2.48E-04	7.65E-04	2.29E-04	4.19E-09	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	7.65E-04
239	ALL	672132.4	4342596	NonCancer	1.76E-04	2.21E-04	5.99E-08	1.60E-05	8.08E-09	1.92E-04	5.81E-04	1.76E-04	2.88E-09	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	5.81E-04
240	ALL	672353.7	4342596	NonCancer	1.54E-04	2.04E-04	7.12E-08	1.75E-05	8.53E-09	1.71E-04	5.71E-04	1.54E-04	3.49E-09	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	5.71E-04
241	ALL	672575	4342596	NonCancer	1.37E-04	1.82E-04	6.31E-08	1.55E-05	7.56E-09	1.53E-04	5.51E-04	1.37E-04	6.94E-09	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	5.51E-04
242	ALL	668148.8	4342761	NonCancer	1.95E-04	3.32E-04	2.09E-07	4.45E-05	2.01E-08	2.40E-04	4.10E-04	1.95E-04	2.58E-09	0.00E+00	0.00E+00	3.12E-05	0.00E+00	0.00E+00	4.10E-04
243	ALL	668370.1	4342761	NonCancer	2.19E-04	3.74E-04	2.37E-07	5.03E-05	2.26E-08	2.69E-04	4.60E-04	2.19E-04	2.94E-09	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	4.60E-04
244	ALL	668591.4	4342761	NonCancer	2.31E-04	3.89E-04	2.40E-07	5.13E-05	2.32E-08	2.83E-04	4.94E-04	2.31E-04	3.26E-09	0.00E+00	0.00E+00	3.58E-05	0.00E+00	0.00E+00	4.94E-04
245	ALL	668812.7	4342761	NonCancer	2.54E-04	4.24E-04	2.58E-07	5.53E-05	2.50E-08	3.10E-04	5.48E-04	2.54E-04	3.77E-09	0.00E+00	0.00E+00	3.85E-05	0.00E+00	0.00E+00	5.48E-04
246	ALL	669034	4342761	NonCancer	2.67E-04	4.34E-04	2.53E-07	5.46E-05	2.48E-08	3.22E-04	5.96E-04	2.67E-04	4.46E-09	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	5.96E-04
247	ALL	669255.3	4342761	NonCancer	2.87E-04	4.58E-04	2.59E-07	5.63E-05	2.56E-08	3.43E-04	6.55E-04	2.87E-04	5.24E-09	0.00E+00	0.00E+00	3.90E-05	0.00E+00	0.00E+00	6.55E-04
248	ALL	669476.7	4342761	NonCancer	3.19E-04	5.13E-04	2.95E-07	6.39E-05	2.90E-08	3.83E-04	7.32E-04	3.19E-04	5.99E-09	0.00E+00	0.00E+00	4.43E-05	0.00E+00	0.00E+00	7.32E-04
249	ALL	669698	4342761	NonCancer	3.71E-04	5.57E-04	2.78E-07	6.22E-05	2.86E-08	4.33E-04	8.91E-04	3.70E-04	7.61E-09	0.00E+00	0.00E+00	4.25E-05	0.00E+00	0.00E+00	8.91E-04
250	ALL	669919.3	4342761	NonCancer	4.52E-04	6.78E-04	3.37E-07	7.55E-05	3.48E-08	5.28E-04	1.09E-03	4.52E-04	9.00E-09	0.00E+00	0.00E+00	5.16E-05	0.00E+00	0.00E+00	1.09E-03
251	ALL	670140.6	4342761	NonCancer	5.65E-04	8.29E-04	3.91E-07	8.85E-05	4.12E-08	6.54E-04	1.43E-03	5.65E-04	1.65E-08	0.00E+00	0.00E+00	6.18E-05	0.00E+00	0.00E+00	1.43E-03
252	ALL	670361.9	4342761	NonCancer	8.24E-04	1.19E-03	5.35E-07	1.23E-04	5.76E-08	9.47E-04	2.05E-03	8.23E-04	1.98E-08	0.00E+00	0.00E+00	8.48E-05	0.00E+00	0.00E+00	2.05E-03
253	ALL	670583.2	4342761	NonCancer	1.09E-03	1.54E-03	6.66E-07	1.54E-04	7.32E-08	1.24E-03	2.54E-03	1.09E-03	1.73E-08	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	2.54E-03
254	ALL	670804.5	4342761	NonCancer	2.06E-03	3.61E-03	2.38E-06	5.02E-04	2.26E-07	2.56E-03	4.16E-03	2.06E-03	2.66E-08	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	4.16E-03
255	ALL	671025.8	4342761	NonCancer	1.50E-03	2.20E-03	1.02E-06	2.33E-04	1.09E-07	1.74E-03	3.57E-03	1.50E-03	4.08E-08	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	3.57E-03
256	ALL	671247.1	4342761	NonCancer	9.79E-04	1.24E-03	3.58E-07	9.34E-05	4.70E-08	1.07E-03	2.67E-03	9.79E-04	4.15E-08	0.00E+00	0.00E+00	6.69E-05	0.00E+00	0.00E+00	2.67E-03
257	ALL	671468.4	4342761	NonCancer	5.56E-04	6.86E-04	1.71E-07	4.70E-05	2.41E-08	6.03E-04	1.70E-03	5.56E-04	1.21E-08	0.00E+00	0.00E+00	3.05E-05	0.00E+00	0.00E+00	1.70E-03
258	ALL	671689.8	4342761	NonCancer	3.10E-04	3.84E-04	9.82E-08	2.67E-05	1.36E-08	3.36E-04	1.02E-03	3.10E-04	1.12E-08	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	1.02E-03
259	ALL	671911.1	4342761	NonCancer	1.89E-04	2.35E-04	6.25E-08	1.68E-05	8.53E-09	2.05E-04	6.20E-04	1.89E-04	4.64E-09	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	6.20E-04
260	ALL	672132.4	4342761	NonCancer	1.51E-04	1.90E-04	5.25E-08	1.39E-05	7.04E-09	1.65E-04	4.83E-04	1.51E-04	2.36E-09	0.00E+00	0.00E+00	8.99E-06	0.00E+00	0.00E+00	4.83E-04
261	ALL	672353.7	4342761	NonCancer	1.34E-04	1.78E-04	6.19E-08	1.52E-05	7.43E-09	1.50E-04	4.48E-04	1.34E-04	2.68E-09	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	4.48E-04
262	ALL	672575	4342761	NonCancer	1.12E-04	1.51E-04	5.62E-08	1.35E-05	6.55E-09	1.25E-04	4.17E-04	1.12E-04	2.48E-09	0.00E+00	0.00E+00	9.22E-06	0.00E+00	0.00E+00	4.17E-04
263	ALL	668148.8	4342926	NonCancer	2.38E-04	4.24E-04	2.86E-07	6.02E-05	2.69E-08	2.98E-04	4.74E-04	2.38E-04	2.58E-09	0.00E+00	0.00E+00	4.23E-05	0.00E+00	0.00E+00	4.74E-04
264	ALL	668370.1	4342926	NonCancer	2.62E-04	4.66E-04	3.14E-07	6.60E-05	2.95E-08	3.28E-04	5.23E-04	2.62E-04	2.91E-09	0.00E+00	0.00E+00	4.63E-05	0.00E+00	0.00E+00	5.23E-04
265	ALL	668591.4	4342926	NonCancer	2.73E-04	4.77E-04	3.12E-07	6.60E-05	2.96E-08	3.39E-04	5.58E-04	2.73E-04	3.32E-09	0.00E+00	0.00E+00	4.62E-05	0.00E+00	0.00E+00	5.58E-04
266	ALL	668812.7	4342926	NonCancer	2.98E-04	5.22E-04	3.43E-07	7.24E-05	3.25E-08	3.71E-04	6.12E-04	2.98E-04	3.72E-09	0.00E+00	0.00E+00	5.07E-05	0.00E+00	0.00E+00	6.12E-04
267	ALL	669034	4342926	NonCancer	3.17E-04	5.51E-04	3.58E-07	7.57E-05	3.40E-08	3.94E-04	6.62E-04	3.17E-04	4.26E-09	0.00E+00	0.00E+00	5.30E-05	0.00E+00	0.00E+00	6.62E-04
268	ALL	669476.7	4342926	NonCancer	3.59E-04	6.07E-04	3.78E-07	8.07E-05	3.63E-08	4.40E-04	7.85E-04	3.59E-04	5.67E-09	0.00E+00	0.00E+00	5.63E-05	0.00E+00	0.00E+00	7.85E-04
269	ALL	669698	4342926	NonCancer	4.52E-04	7.23E-04	4.10E-07	8.91E-05	4.05E-08	5.41E-04	1.00E-03	4.52E-04	6.90E-09	0.00E+00	0.00E+00	6.14E-05	0.00E+00	0.00E+00	1.00E-03
270	ALL	669919.3	4342926	NonCancer	4.90E-04	7.50E-04	3.88E-07	8.61E-05	3.96E-08	5.77E-04	1.15E-03	4.90E-04	1.23E-08	0.00E+00	0.00E+00	6.00E-05	0.00E+00	0.00E+00	1.15E-03
271	ALL	670140.6	4342926	NonCancer	6.07E-04	8.85E-04	4.09E-07	9.31E-05	4.36E-08	7.00E-04	1.48E-03	6.07E-04	1.35E-08	0.00E+00	0.00E+00	6.44E-05	0.00E+00	0.00E+00	1.48E-03
272	ALL	670361.9	4342926	NonCancer	8.18E-04	1.20E-03	5.71E-07	1.29E-04	6.04E-08	9.47E-04	1.94E-03	8.18E-04	1.44E-08	0.00E+00	0.00E+00	8.89E-05	0.00E+00	0.00E+00	1.94E-03
273	ALL	670583.2	4342926	NonCancer	1.76E-03	3.24E-03	2.28E-06	4.74E-04	2.12E-07	2.23E-03	3.41E-03	1.76E-03	1.81E-08	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	3.41E-03
274	ALL	670804.5	4342926	NonCancer	1.52E-03	2.59E-03	1.64E-06	3.48E-04	1.57E-07	1.86E-03	3.16E-03	1.52E-03	1.96E-08	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	3.16E-03
275	ALL	671025.8	4342926	NonCancer	9.01E-04	1.23E-03	4.69E-07	1.12E-04	5.43E-08	1.01E-03	2.21E-03	9.01E-04	2.12E-08	0.00E+00	0.00E+00	7.77E-05	0.00E+00	0.00E+00	2.21E-03
276	ALL	671247.1	4342926	NonCancer	7.21E-04	9.21E-04	2.73E-07	7.05E-05	3.54E-08	7.92E-04	1.95E-03	7.21E-04	2.49E-08	0.00E+00	0.00E+00	4.95E-05	0.00E+00	0.00E+00	1.95E-03
277	ALL	671468.4	4342926	NonCancer	4.34E-04	5.40E-04	1.41E-07	3.82E-05	1.94E-08	4.72E-04	1.28E-03	4.34E-04	8.49E-09	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	1.28E-03
278	ALL	671689.8	4342926	NonCancer	2.65E-04	3.31E-04	8.74E-08	2.35E-05	1.20E-08	2.89E-04	8.40E-04	2.65E-04	6.46E-09	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	8.40E-04
279	ALL	671911.1	4342926	NonCancer	1.67E-04	2.11E-04	5.83E-08	1.54E-05	7.80E-09	1.83E-04	5.39E-04	1.67E-04	5.01E-09	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	5.39E-04
280	ALL	672132.4	4342926	NonCancer	1.18E-04	1.49E-04	4.25E-08	1.11E-05	5.62E-09	1.29E-04	3.72E-04	1.18E-04	1.89E-09	0.00E+00	0.00E+00	7.24E-06	0.00E+00	0.00E+00	3.72E-04
281	ALL	672353.7	4342926	NonCancer	1.10E-04	1.42E-04	4.28E-08	1.10E-05	5.50E-09	1.21E-04	3.47E-04	1.10E-04	1.73E-09	0.00E+00	0.00E+00	7.22E-06	0.00E+00	0.00E+00	3.47E-04
282	ALL	672575	4342926	NonCancer	9.61E-05	1.28E-04	4.54E-08	1.11E-05	5.42E-09	1.07E-04	3.11E-04	9.61E-05	1.78E-09	0.00E+00	0.00E+00	7.47E-06	0.00E+00	0.00E+00	3.11E-04
283	ALL	668148.8	4343090	NonCancer	2.74E-04	5.04E-04	3.56E-07	7.41E-05	3.30E-08	3.48E-04	5.23E-04	2.74E-04	2.45E-09	0.00E+00	0.00E+00	5.22E-05	0.00E+00	0.00E+00	5.23E-04
284	ALL	668370.1	4343090	NonCancer	3.48E-04	6.66E-04	4.92E-07	1.02E-04	4.51E-08	4.50E-04	6.40E-04	3.48E-04	2.75E-09	0.00E+00	0.00E+00	7.19E-05	0.00E+00	0.00E+00	6.66E-04
285	ALL	668591.4	4343090	NonCancer	3.29E-04	6.10E-04	4.33E-07	9.01E-05	4.01E-08	4.20E-04	6.34E-04	3.29E-04	3.21E-09	0.00E+00	0.00E+00	6.35E-05	0.00E+00	0.00E+00	6.34E-04
286	ALL	669476.7	4343090	NonCancer	4.93E-04	9.18E-04	6.57E-07	1.37E-04	6.07E-08	6.30E-04	9.62E-04	4.93E-04	5.10E-09	0.00E+00	0.00E+00	9.63E-05	0.00E+00	0.00E+00	9.62E-04
287	ALL	669698	4343090	NonCancer	5.68E-04	1.03E-03	7.13E-07	1.49E-04	6.66E-08	7.18E-04	1.13E-03	5.68E-04	5.96E-09	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	1.13E-03
288	ALL	669919.3	4343090	NonCancer	6.87E-04	1.19E-03	7.66E-07	1.62E-04	7.30E-08	8.50E-04	1.39E-03	6.87E-04	6.92E-09	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	1.39E-03
289	ALL	670140.6	4343090	NonCancer	7.50E-04	1.20E-03	6.84E-07	1.49E-04	6.78E-08	9.00E-04	1.61E-03	7.50E-04	1.24E-08	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	1.61E-03
290	ALL	670361.9	4343090	NonCancer	1.46E-03	2.73E-03	1.96E-06	4.08E-04	1.82E-07	1.87E-03	2.68E-03	1.46E-03	8.81E-09	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	2.73E-03
291	ALL	670583.2	4343090	NonCancer	1.33E-03	2.40E-03	1.66E-06	3.47E-04	1.55E-07	1.67E-03	2.56E-03	1.33E-03	1.11E-08	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	2.56E-03
292	ALL	670804.5	4343090	NonCancer	9.46E-04	1.45E-03	7.51E-07	1.66E-04	7.70E-08	1.11E-03	2.14E-03	9.46E-04	1.48E-08	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	2.14E-03
293	ALL	671025.8	4343090	NonCancer	6.55E-04	8.81E-04	3.19E-07	7.75E-05	3.78E-08	7.33E-04	1.63E-03	6.55E-04	1.32E-08	0.00E+00	0.00E+00	5.29E-05	0.00E+00	0.00E+00	1.63E-03
294	ALL	671247.1	4343090	NonCancer	5.44E-04	6.97E-04	2.09E-07	5.37E-05	2.69E-08	5.98E-04	1.46E-03	5.44E-04	1.50E-08	0.00E+00	0.00E+00	3.69E-05	0.00E+00	0.00E+00	1.46E-03
295	ALL	671468.4	4343090	NonCancer	3.58E-04	4.49E-04	1.22E-07	3.25E-05	1.65E-08	3.90E-04	1.03E-03	3.57E-04	6.40E-09	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	1.03E-03
296	ALL	671689.8	4343090	NonCancer	2.28E-04	2.86E-04	7.72E-08	2.06E-05	1.05E-08	2.49E-04	7.01E-04	2.28E-04	4.02E-09	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	7.01E-04

297	ALL	671911.1	4343090	NonCancer	1.49E-04	1.88E-04	5.31E-08	1.40E-05	7.04E-09	1.63E-04	4.70E-04	1.49E-04	4.18E-09	0.00E+00	0.00E+00	9.50E-06	0.00E+00	0.00E+00	4.70E-04
298	ALL	672132.4	4343090	NonCancer	1.07E-04	1.36E-04	3.99E-08	1.04E-05	5.20E-09	1.17E-04	3.35E-04	1.07E-04	2.01E-09	0.00E+00	0.00E+00	6.85E-06	0.00E+00	0.00E+00	3.35E-04
299	ALL	672353.7	4343090	NonCancer	7.95E-05	1.02E-04	3.05E-08	7.86E-06	3.93E-09	8.74E-05	2.43E-04	7.95E-05	1.09E-09	0.00E+00	0.00E+00	5.12E-06	0.00E+00	0.00E+00	2.43E-04
300	ALL	672575	4343090	NonCancer	7.46E-05	9.61E-05	2.96E-08	7.55E-06	3.77E-09	8.21E-05	2.25E-04	7.46E-05	1.05E-09	0.00E+00	0.00E+00	4.96E-06	0.00E+00	0.00E+00	2.25E-04
301	ALL	668148.8	4343255	NonCancer	4.04E-04	8.09E-04	6.30E-07	1.29E-04	5.70E-08	5.34E-04	7.03E-04	4.04E-04	2.39E-09	0.00E+00	0.00E+00	9.16E-05	0.00E+00	0.00E+00	8.09E-04
302	ALL	668370.1	4343255	NonCancer	8.16E-04	1.76E-03	1.48E-06	3.00E-04	1.31E-07	1.12E-03	1.29E-03	8.16E-04	2.65E-09	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	1.76E-03
303	ALL	668591.4	4343255	NonCancer	5.27E-04	1.08E-03	8.62E-07	1.76E-04	7.75E-08	7.04E-04	9.03E-04	5.27E-04	2.98E-09	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	1.08E-03
304	ALL	669476.7	4343255	NonCancer	7.69E-04	1.55E-03	1.21E-06	2.48E-04	1.09E-07	1.02E-03	1.35E-03	7.69E-04	4.76E-09	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	1.55E-03
305	ALL	669698	4343255	NonCancer	1.66E-03	3.57E-03	2.99E-06	6.05E-04	2.65E-07	2.27E-03	2.66E-03	1.66E-03	5.33E-09	0.00E+00	0.00E+00	4.31E-04	0.00E+00	0.00E+00	3.57E-03
306	ALL	669919.3	4343255	NonCancer	1.72E-03	3.62E-03	2.96E-06	6.02E-04	2.65E-07	2.33E-03	2.81E-03	1.72E-03	6.01E-09	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	3.62E-03
307	ALL	670140.6	4343255	NonCancer	1.84E-03	3.81E-03	3.07E-06	6.26E-04	2.76E-07	2.47E-03	3.05E-03	1.84E-03	6.65E-09	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	3.81E-03
308	ALL	670361.9	4343255	NonCancer	1.24E-03	2.36E-03	1.74E-06	3.60E-04	1.60E-07	1.60E-03	2.25E-03	1.24E-03	7.31E-09	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	2.36E-03
309	ALL	670583.2	4343255	NonCancer	8.26E-04	1.38E-03	8.47E-07	1.81E-04	8.22E-08	1.01E-03	1.72E-03	8.26E-04	8.24E-09	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	1.72E-03
310	ALL	670804.5	4343255	NonCancer	7.29E-04	1.09E-03	5.28E-07	1.19E-04	5.54E-08	8.48E-04	1.68E-03	7.29E-04	1.10E-08	0.00E+00	0.00E+00	8.19E-05	0.00E+00	0.00E+00	1.68E-03
311	ALL	671025.8	4343255	NonCancer	5.09E-04	6.79E-04	2.39E-07	5.85E-05	2.87E-08	5.68E-04	1.28E-03	5.09E-04	8.87E-09	0.00E+00	0.00E+00	3.96E-05	0.00E+00	0.00E+00	1.28E-03
312	ALL	671247.1	4343255	NonCancer	4.16E-04	5.34E-04	1.61E-07	4.14E-05	2.07E-08	4.57E-04	1.11E-03	4.16E-04	8.98E-09	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	1.11E-03
313	ALL	671468.4	4343255	NonCancer	3.05E-04	3.85E-04	1.07E-07	2.83E-05	1.43E-08	3.34E-04	8.68E-04	3.05E-04	5.01E-09	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	8.68E-04
314	ALL	671689.8	4343255	NonCancer	1.98E-04	2.49E-04	6.84E-08	1.81E-05	9.20E-09	2.16E-04	5.95E-04	1.98E-04	3.02E-09	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	5.95E-04
315	ALL	671911.1	4343255	NonCancer	1.34E-04	1.69E-04	4.76E-08	1.25E-05	6.33E-09	1.46E-04	4.13E-04	1.34E-04	2.79E-09	0.00E+00	0.00E+00	8.31E-06	0.00E+00	0.00E+00	4.13E-04
316	ALL	672132.4	4343255	NonCancer	9.65E-05	1.23E-04	3.65E-08	9.45E-06	4.74E-09	1.06E-04	3.00E-04	9.65E-05	1.99E-09	0.00E+00	0.00E+00	6.31E-06	0.00E+00	0.00E+00	3.00E-04
317	ALL	672353.7	4343255	NonCancer	7.40E-05	9.53E-05	2.91E-08	7.45E-06	3.72E-09	8.15E-05	2.27E-04	7.40E-05	1.07E-09	0.00E+00	0.00E+00	4.89E-06	0.00E+00	0.00E+00	2.27E-04
318	ALL	672575	4343255	NonCancer	5.70E-05	7.37E-05	2.29E-08	5.83E-06	2.91E-09	6.29E-05	1.71E-04	5.70E-05	7.48E-10	0.00E+00	0.00E+00	3.82E-06	0.00E+00	0.00E+00	1.71E-04
319	ALL	668148.8	4343420	NonCancer	3.00E-04	5.71E-04	4.19E-07	8.68E-05	3.85E-08	3.87E-04	5.56E-04	3.00E-04	2.38E-09	0.00E+00	0.00E+00	6.13E-05	0.00E+00	0.00E+00	5.71E-04
320	ALL	668370.1	4343420	NonCancer	8.64E-04	1.88E-03	1.59E-06	3.22E-04	1.41E-07	1.19E-03	1.36E-03	8.64E-04	2.58E-09	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	1.88E-03
321	ALL	668591.4	4343420	NonCancer	1.94E-03	4.38E-03	3.83E-06	7.70E-04	3.36E-07	2.71E-03	2.87E-03	1.94E-03	2.78E-09	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	4.38E-03
322	ALL	668812.7	4343420	NonCancer	1.89E-03	4.25E-03	3.70E-06	7.46E-04	3.26E-07	2.64E-03	2.82E-03	1.89E-03	3.08E-09	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	4.25E-03
323	ALL	669034	4343420	NonCancer	1.72E-03	3.83E-03	3.31E-06	6.67E-04	2.92E-07	2.39E-03	2.60E-03	1.72E-03	3.36E-09	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	3.83E-03
324	ALL	669255.3	4343420	NonCancer	9.79E-04	2.08E-03	1.72E-06	3.49E-04	1.53E-07	1.33E-03	1.59E-03	9.79E-04	3.70E-09	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	2.08E-03
325	ALL	669476.7	4343420	NonCancer	1.24E-03	2.66E-03	2.21E-06	4.48E-04	1.97E-07	1.69E-03	2.00E-03	1.24E-03	4.08E-09	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	2.66E-03
326	ALL	669698	4343420	NonCancer	8.18E-04	1.59E-03	1.20E-06	2.48E-04	1.10E-07	1.07E-03	1.46E-03	8.18E-04	4.78E-09	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	1.59E-03
327	ALL	669919.3	4343420	NonCancer	8.83E-04	1.69E-03	1.26E-06	2.60E-04	1.15E-07	1.14E-03	1.60E-03	8.83E-04	5.21E-09	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	1.69E-03
328	ALL	670140.6	4343420	NonCancer	7.66E-04	1.39E-03	9.63E-07	2.01E-04	9.00E-08	9.68E-04	1.47E-03	7.66E-04	5.48E-09	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	1.47E-03
329	ALL	670361.9	4343420	NonCancer	6.84E-04	1.17E-03	7.35E-07	1.56E-04	7.07E-08	8.41E-04	1.39E-03	6.84E-04	6.06E-09	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	1.39E-03
330	ALL	670583.2	4343420	NonCancer	6.04E-04	9.62E-04	5.37E-07	1.17E-04	5.37E-08	7.22E-04	1.32E-03	6.04E-04	6.75E-09	0.00E+00	0.00E+00	8.12E-05	0.00E+00	0.00E+00	1.32E-03
331	ALL	670804.5	4343420	NonCancer	5.64E-04	8.18E-04	3.71E-07	8.48E-05	4.00E-08	6.49E-04	1.34E-03	5.64E-04	8.41E-09	0.00E+00	0.00E+00	5.82E-05	0.00E+00	0.00E+00	1.34E-03
332	ALL	671025.8	4343420	NonCancer	4.52E-04	6.07E-04	2.20E-07	5.34E-05	2.60E-08	5.05E-04	1.15E-03	4.51E-04	7.56E-09	0.00E+00	0.00E+00	3.60E-05	0.00E+00	0.00E+00	1.15E-03
333	ALL	671247.1	4343420	NonCancer	3.67E-04	4.73E-04	1.47E-07	3.74E-05	1.87E-08	4.04E-04	9.78E-04	3.67E-04	6.51E-09	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	9.78E-04
334	ALL	671468.4	4343420	NonCancer	2.53E-04	3.20E-04	9.04E-08	2.38E-05	1.20E-08	2.77E-04	7.12E-04	2.53E-04	3.94E-09	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	7.12E-04
335	ALL	671689.8	4343420	NonCancer	1.77E-04	2.23E-04	6.20E-08	1.64E-05	8.30E-09	1.93E-04	5.21E-04	1.77E-04	2.53E-09	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	5.21E-04
336	ALL	671911.1	4343420	NonCancer	1.22E-04	1.54E-04	4.35E-08	1.14E-05	5.78E-09	1.33E-04	3.70E-04	1.22E-04	1.99E-09	0.00E+00	0.00E+00	7.48E-06	0.00E+00	0.00E+00	3.70E-04
337	ALL	672132.4	4343420	NonCancer	8.74E-05	1.12E-04	3.29E-08	8.52E-06	4.28E-09	9.60E-05	2.68E-04	8.74E-05	1.79E-09	0.00E+00	0.00E+00	5.69E-06	0.00E+00	0.00E+00	2.68E-04
338	ALL	672353.7	4343420	NonCancer	6.62E-05	8.53E-05	2.62E-08	6.69E-06	3.34E-09	7.30E-05	2.02E-04	6.62E-05	1.02E-09	0.00E+00	0.00E+00	4.41E-06	0.00E+00	0.00E+00	2.02E-04
339	ALL	672575	4343420	NonCancer	5.26E-05	6.81E-05	2.13E-08	5.41E-06	2.70E-09	5.80E-05	1.57E-04	5.25E-05	6.91E-10	0.00E+00	0.00E+00	3.55E-06	0.00E+00	0.00E+00	1.57E-04
340	ALL	668148.8	4343585	NonCancer	2.07E-04	3.57E-04	2.29E-07	4.86E-05	2.19E-08	2.56E-04	4.25E-04	2.07E-04	2.35E-09	0.00E+00	0.00E+00	3.39E-05	0.00E+00	0.00E+00	4.25E-04
341	ALL	668370.1	4343585	NonCancer	3.23E-04	6.19E-04	4.60E-07	9.50E-05	4.21E-08	4.18E-04	5.97E-04	3.23E-04	2.53E-09	0.00E+00	0.00E+00	6.71E-05	0.00E+00	0.00E+00	6.19E-04
342	ALL	668591.4	4343585	NonCancer	5.18E-04	1.07E-03	8.56E-07	1.75E-04	7.68E-08	6.93E-04	8.80E-04	5.18E-04	2.66E-09	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	1.07E-03
343	ALL	668812.7	4343585	NonCancer	5.13E-04	1.04E-03	8.16E-07	1.67E-04	7.36E-08	6.81E-04	8.92E-04	5.13E-04	2.94E-09	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	1.04E-03
344	ALL	669034	4343585	NonCancer	5.52E-04	1.10E-03	8.57E-07	1.76E-04	7.76E-08	7.29E-04	9.70E-04	5.52E-04	3.24E-09	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	1.10E-03
345	ALL	669255.3	4343585	NonCancer	5.19E-04	9.97E-04	7.40E-07	1.53E-04	6.78E-08	6.73E-04	9.50E-04	5.19E-04	3.51E-09	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	9.97E-04
346	ALL	669476.7	4343585	NonCancer	5.51E-04	1.04E-03	7.49E-07	1.55E-04	6.91E-08	7.07E-04	1.02E-03	5.51E-04	3.81E-09	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	1.04E-03
347	ALL	669698	4343585	NonCancer	5.41E-04	9.81E-04	6.77E-07	1.42E-04	6.33E-08	6.84E-04	1.04E-03	5.41E-04	4.03E-09	0.00E+00	0.00E+00	9.95E-05	0.00E+00	0.00E+00	1.04E-03
348	ALL	669919.3	4343585	NonCancer	5.41E-04	9.46E-04	6.19E-07	1.31E-04	5.88E-08	6.73E-04	1.07E-03	5.41E-04	4.36E-09	0.00E+00	0.00E+00	9.15E-05	0.00E+00	0.00E+00	1.07E-03
349	ALL	670140.6	4343585	NonCancer	5.32E-04	8.95E-04	5.51E-07	1.18E-04	5.33E-08	6.51E-04	1.09E-03	5.32E-04	4.70E-09	0.00E+00	0.00E+00	8.20E-05	0.00E+00	0.00E+00	1.09E-03
350	ALL	670361.9	4343585	NonCancer	5.07E-04	8.15E-04	4.64E-07	1.01E-04	4.61E-08	6.08E-04	1.09E-03	5.07E-04	5.09E-09	0.00E+00	0.00E+00	6.99E-05	0.00E+00	0.00E+00	1.09E-03
351	ALL	670583.2	4343585	NonCancer	4.79E-04	7.35E-04	3.82E-07	8.45E-05	3.91E-08	5.64E-04	1.08E-03	4.79E-04	5.84E-09	0.00E+00	0.00E+00	5.84E-05	0.00E+00	0.00E+00	1.08E-03
352	ALL	670804.5	4343585	NonCancer	4.51E-04	6.61E-04	3.08E-07	7.00E-05	3.29E-08	5.21E-04	1.08E-03	4.51E-04	6.62E-09	0.00E+00	0.00E+00	4.81E-05	0.00E+00	0.00E+00	1.08E-03
353	ALL	671025.8	4343585	NonCancer	4.08E-04	5.64E-04	2.24E-07	5.31E-05	2.55E-08	4.61E-04	1.04E-03	4.08E-04	7.78E-09	0.00E+00	0.00E+00	3.63E-05	0.00E+00	0.00E+00	1.04E-03
354	ALL	671247.1	4343585	NonCancer	3.07E-04	3.97E-04	1.24E-07	3.14E-05	1.57E-08	3.38E-04	8.17E-04	3.07E-04	4.79E-09	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	8.17E-04
355	ALL	671468.4	4343585	NonCancer	2.31E-04	2.94E-04	8.44E-08	2.20E-05	1.11E-08	2.53E-04	6.42E-04	2.31E-04	3.40E-09	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	6.42E-04
356	ALL	671689.8	4343585	NonCancer	1.71E-04	2.17E-04	6.08E-08	1.60E-05	8.11E-09	1.87E-04	4.94E-04	1.71E-04	2.36E-09	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	4.94E-04
357	ALL	671911.1	4343585	NonCancer	1.18E-04	1.49E-04	4.19E-08	1.10E-05	5.57E-09	1.29E-04	3.50E-04	1.18E-04	1.71E-09	0.00E+00	0.00E+00	7.16E-06	0.00E+00	0.00E+00	3.50E-04
358	ALL	672132.4	4343585	NonCancer	8.56E-05	1.09E-04	3.17E-08	8.24E-06	4.15E-09	9.39E-05	2.58E-04	8.56E-05	1.53E-09	0.00E+00	0.00E+00	5.45E-06	0.00E+00	0.00E+00	2.58E-04
359	ALL	672353.7	4343585	NonCancer	6.29E-05	8.09E-05	2.46E-08	6.30E-06	3.15E-09	6.92E-05	1.90E-04	6.29E-05	1.01E-09	0.00E+00	0.00E+00	4.16E-06	0.00E+00	0.00E+00	1.90E-04
360	ALL	672575	4343585	NonCancer	4.99E-05	6.46E-05	2.03E-08	5.14E-06	2.56E-09	5.51E-05	1.49E-04	4.99E-05	6.77E-10	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	1.49E-04
361	ALL	668148.8	4343750	NonCancer	2.02E-04	3.49E-04	2.24E-07	4.75E-05	2.14E-08	2.50E-04	4.14E-04	2.02E-04	2.22E-09	0.00E+00	0.00E+00	3.32E-05	0.00E+00	0.00E+00	4.14E-04
362	ALL	668370.1	4343750	NonCancer	2.41E-04	4.25E-04	2.82E-07	5.94E-05	2.66E-08	3.01E-04	4.83E-04	2.41E-04	2.43E-09	0.00E+00	0.00E+00	4.16E-05	0.00E+00	0.00E+00	4.83E-04
363	ALL	668591.4	4343750	NonCancer	3.00E-04	5.52E-04	3.88E-07	8.09E-05	3.61E-08	3.82E-04	5.78E-04	3.00E-04	2.60E-09	0.00E+00	0.00E+00	5.69E-05	0.00E+00	0.00E+00	5.78E-04
364	ALL	668812.7	4343750	NonCancer	3.50E-04	6.52E-04	4.66E-07	9.68E-05	4.31E-08	4.48E-04	6.64E-04	3.50E-04	2.77E-09	0.00E+00	0.00E+00	6.82E-05	0.00E+00	0.00E+00	6.64E-04
365	ALL	669034	4343750	NonCancer	3.56E-04	6.27E-04	4.16E-07	8.77E-05	3.94E-08	4.44E-04	7.01E-04	3.56E-04	3.09E-09	0.00E+00	0.00E+00	6.14E-05	0.00E+00	0.00E+00	7.01E-04
366	ALL	669255.3	4343750	NonCancer	3.82E-04	6.63E-04	4.30E-07	9.09E-05	4.09E-08	4.74E-04	7.61E-04	3.82E-04	3.32E-09	0.00E+00	0.00E+00	6.35E-05	0.00E+00	0.00E+00	7.61E-04
367	ALL	669476.7	4343750	NonCancer	4.02E-04	6.91E-04	4.40E-07	9.34E-05	4.21E-08	4.96E-04	8.07E-04	4.02E-04	3.48E-09	0.00E+00	0.00E+00	6.52E-05	0.00E+00	0.00E+00	8.07E-04
368	ALL	669698	4343750	NonCancer	4.18E-04	7.04E-04	4.35E-07	9.29E-05	4.21E-08	5.11E-04	8.51E-04	4.18E-04	3.67E-09	0.00E+00	0.00E+00	6.47E-05	0.00E+00	0.00E+00	8.51E-04
369	ALL	669919.3	4343750	NonCancer	4.25E-04	6.98E-04	4.14E-07	8.91E-05	4.05E-08	5.14E-04	8.83E-04	4.25E-04	3.88E-09	0.00E+00	0.00E+00	6.19E-05	0.00E+00	0.00E+00	8.83E-04
370	ALL	670140.6	4343750	NonCancer	4.21E-04	6.71E-04	3.76E-07	8.18E-05	3.75E-08	5.03E-04	9.00E-04	4.21E-04	4.14E-09	0.00E+00	0.00E+00	5.66E-05	0.00E+00	0.00E+00	9.00E-04
371	ALL	670361.9	4343750	NonCancer	4.14E-04	6.38E-04	3.34E-07	7.39E-05	3.42E-08	4.88E-04	9.16E-04	4.14E-04	4.48E-09	0.00E+00	0.00E+00	5.09E-05	0.00E+00	0.00E+00	9.16E-04
372	ALL	670583.2	4343750	NonCancer	3.91E-04	5.86E-04	2.88E-07	6.46E-05	3.01E-08	4.56E-04	9.02E-04	3.91E-04	4.97E-09	0.00E+00	0.00E+00	4.44E-05	0.00E+00	0.00E+00	9.02E-04
373	ALL	670804.5	4343750	NonCancer	3.66E-04	5.32E-04	2.43E-07	5.54E-05	2.61E-08	4.22E-04	8.88E-04	3.66E-04	5.48E-09	0.00E+00	0.00E+00	3.81E-05	0.00E+00	0.00E+00	8.88E-04
374	ALL	671025.8	4343750	NonCancer	3.37E-04	4.75E-04	2.01E-07	4.68E-05	2.23E-08	3.84E-04	8.61E-04	3.37E-04	6.08E-09	0.00E+00	0.00E+00	3.21E-05	0.00E+00	0.00E+00	8.61E-04
375	ALL	671247.1	4343750	NonCancer	2.86E-04	3.84E-04	1.39E-07	3.38E-05	1.64E-08	3.20E-04	7.81E-04	2.86E-04	4.72E-09	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	7.81E-04
376	ALL	671468.4	4343750	NonCancer	2.37E-04	3.16E-04	1.11E-07	2.72E-05	1.33E-08	2.64E-04	6.64E-04	2.37E-04	3.86E-09	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	6.64E-04
377	ALL	671689.8	4343750	NonCancer	1.88E-04	2.50E-04	8.66E-08	2.13E-05	1.05E-08	2.10E-04	5.33E-04	1.88E-04	2.81E-09	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	5.33E-04
378	ALL	671911.1	4343750	NonCancer	1.35E-04	1.72E-04	5.04E-08	1.31E-05	6.58E-09	1.48E-04	3.91E-04	1.35E-04	1.89E-09	0.00E+00	0.00E+00	8.54E-06	0.00E+00	0.00E+00	3.91E-04
379	ALL	672132.4	4343750	NonCancer	9.09E-05	1.16E-04	3.34E-08	8.71E-06	4.39E-09	9.96E-05	2.70E-04	9.09E-05	1.41E-09	0.00E+00	0.00E+00	5.71E-06	0.00E+00	0.00E+00	2.70E-04
380	ALL	672353.7	4343750	NonCancer	6.29E-05	8.06E-05	2.41E-08	6.21E-06	3.12E-09	6.92E-05	1.88E-04	6.29E-05	1.05E-09	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	1.88E-04
381	ALL	672575	4343750	NonCancer	4.97E-05	6.43E-05	2.00E-08	5.08E-06	2.53E-09	5.48E-05	1.48E-04	4.97E-05	6.98E-10	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	1.48E-04
382	ALL	668148.8	4343915	NonCancer	1.97E-04	3.40E-04	2.18E-07	4.62E-05	2.08E-08	2.44E-04	4.03E-04	1.97E-04	2.07E-09	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	4.03E-04
383	ALL	668370.1	4343915	NonCancer	2.20E-04	3.75E-04	2.37E-07	5.04E-05	2.27E-08	2.71E-04	4.50E-04	2.20E-04	2.28E-09	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	4.50E-04
384	ALL	668591.4	4343915	NonCancer	2.48E-04	4.19E-04	2.60E-07	5.55E-05	2.51E-08	3.03E-04	5.07E-04	2.48E-04	2.47E-09	0.00E+00	0.00E+00	3.87E-05	0.00E+00	0.00E+00	5.07E-04
385	ALL	668812.7	4343915	NonCancer	2.80E-04	4.77E-04	3.00E-07	6.38E-05	2.88E-08	3.44E-04	5.68E-04	2.80E-04	2.64E-09	0.00E+00	0.00E+00	4.45E-05	0.00E+00	0.00E+00	5.68E-04
386	ALL	669034	4343915	NonCancer	3.06E-04	5.05E-04	3.02E-07	6.49E-05	2.95E-08	3.71E-04	6.29E-04	3.06E-04	2.86E-09	0.00E+00	0.00E+00	4.50E-05	0.00E+00	0.00E+00	6.29E-04
387	ALL	669255.3	4343915	NonCancer	3.28E-04	5.28E-04	3.02E-07	6.55E-05	2.99E-08	3.94E-04	6.82E-04	3.28E-04	3.06E-09	0.00E+00	0.00E+00	4.53E-05	0.00E+00	0.00E+00	6.82E-04
388	ALL	669476.7	4343915	NonCancer	3.39E-04	5.41E-04	3.05E-07	6.63E-05	3.04E-08	4.05E-04	7.12E-04	3.39E-04	3.22E-09	0.00E+00	0.00E+00	4.58E-05	0.00E+00	0.00E+00	7.12E-04
389	ALL	669698	4343915	NonCancer	3.45E-04	5.47E-04	3.05E-07	6.65E-05	3.05E-08	4.12E-04	7.31E-04	3.45E-04	3.33E-09	0.00E+00	0.00E+00	4.59E-05	0.00E+00	0.00E+00	7.31E-04
390	ALL	669919.3	4343915	NonCancer	3.52E-04	5.53E-04	3.01E-07	6.60E-05	3.04E-08	4.19E-04	7.56E-04	3.52E-04	3.47E-09	0.00E+00	0.00E+00	4.55E-05	0.00E+00	0.00E+00	7.56E-04
391	ALL	670140.6	4343915	NonCancer	3.51E-04	5.37E-04	2.77E-07	6.15E-05	2.85E-08	4.13E-04	7.73E-04	3.51E-04	3.70E-09	0.00E+00	0.00E+00	4.23E-05	0.00E+00	0.00E+00	7.73E-04
392	ALL	670361.9	4343915	NonCancer	3.43E-04	5.15E-04	2.54E-07	5.70E-05	2.66E-08	4.00E-04	7.77E-04	3.43E-04	3.94E-09	0.00E+00	0.00E+00	3.91E-05	0.00E+00	0.00E+00	7.77E-04
393	ALL	670583.2	4343915	NonCancer	3.31E-04	4.85E-04	2.26E-07	5.13E-05	2.41E-08	3.83E-04	7.79E-04	3.31E-04	4.31E-09	0.00E+00	0.00E+00	3.51E-05	0.00E+00	0.00E+00	7.79E-04
394	ALL	670804.5	4343915	NonCancer	3.13E-04	4.48E-04	1.96E-07	4.52E-05	2.14E-08	3.59E-04	7.69E-04	3.13E-04	4.78E-09	0.00E+00	0.00E+00	3.10E-05	0.00E+00	0.00E+00	7.69E-04
395	ALL	671025.8	4343915	NonCancer	2.90E-04	4.05E-04	1.64E-07	3.86E-05	1.85E-08	3.29E-04	7.48E-04	2.90E-04	5.08E-09	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	7.48E-04

396	ALL	671247.1	4343915	NonCancer	2.53E-04	3.51E-04	1.40E-07	3.31E-05	1.59E-08	2.86E-04	6.82E-04	2.53E-04	5.10E-09	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	6.82E-04
397	ALL	671468.4	4343915	NonCancer	2.06E-04	2.73E-04	9.50E-08	2.33E-05	1.14E-08	2.29E-04	5.64E-04	2.06E-04	3.26E-09	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	5.64E-04
398	ALL	671689.8	4343915	NonCancer	1.58E-04	2.04E-04	6.27E-08	1.60E-05	7.99E-09	1.74E-04	4.46E-04	1.58E-04	2.22E-09	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	4.46E-04
399	ALL	671911.1	4343915	NonCancer	1.22E-04	1.55E-04	4.51E-08	1.17E-05	5.92E-09	1.34E-04	3.49E-04	1.22E-04	1.65E-09	0.00E+00	0.00E+00	7.66E-06	0.00E+00	0.00E+00	3.49E-04
400	ALL	672132.4	4343915	NonCancer	9.59E-05	1.22E-04	3.55E-08	9.24E-06	4.66E-09	1.05E-04	2.80E-04	9.58E-05	1.37E-09	0.00E+00	0.00E+00	6.04E-06	0.00E+00	0.00E+00	2.80E-04
401	ALL	672353.7	4343915	NonCancer	7.09E-05	9.07E-05	2.70E-08	6.97E-06	3.50E-09	7.79E-05	2.10E-04	7.09E-05	1.16E-09	0.00E+00	0.00E+00	4.60E-06	0.00E+00	0.00E+00	2.10E-04
402	ALL	672575	4343915	NonCancer	5.36E-05	6.91E-05	2.12E-08	5.42E-06	2.71E-09	5.90E-05	1.59E-04	5.36E-05	7.80E-10	0.00E+00	0.00E+00	3.57E-06	0.00E+00	0.00E+00	1.59E-04
403	ALL	668148.8	4344080	NonCancer	1.79E-04	2.95E-04	1.75E-07	3.77E-05	1.71E-08	2.17E-04	3.77E-04	1.79E-04	1.98E-09	0.00E+00	0.00E+00	2.62E-05	0.00E+00	0.00E+00	3.77E-04
404	ALL	668370.1	4344080	NonCancer	2.05E-04	3.41E-04	2.06E-07	4.42E-05	2.01E-08	2.50E-04	4.27E-04	2.05E-04	2.12E-09	0.00E+00	0.00E+00	3.07E-05	0.00E+00	0.00E+00	4.27E-04
405	ALL	668591.4	4344080	NonCancer	2.28E-04	3.72E-04	2.18E-07	4.71E-05	2.14E-08	2.75E-04	4.76E-04	2.28E-04	2.30E-09	0.00E+00	0.00E+00	3.26E-05	0.00E+00	0.00E+00	4.76E-04
406	ALL	668812.7	4344080	NonCancer	2.52E-04	4.03E-04	2.28E-07	4.96E-05	2.27E-08	3.02E-04	5.28E-04	2.52E-04	2.47E-09	0.00E+00	0.00E+00	3.42E-05	0.00E+00	0.00E+00	5.28E-04
407	ALL	669034	4344080	NonCancer	2.75E-04	4.31E-04	2.33E-07	5.12E-05	2.35E-08	3.27E-04	5.82E-04	2.75E-04	2.64E-09	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	5.82E-04
408	ALL	669255.3	4344080	NonCancer	2.93E-04	4.49E-04	2.32E-07	5.15E-05	2.38E-08	3.45E-04	6.26E-04	2.93E-04	2.81E-09	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	6.26E-04
409	ALL	669476.7	4344080	NonCancer	2.94E-04	4.53E-04	2.37E-07	5.24E-05	2.42E-08	3.46E-04	6.32E-04	2.94E-04	2.91E-09	0.00E+00	0.00E+00	3.60E-05	0.00E+00	0.00E+00	6.32E-04
410	ALL	669698	4344080	NonCancer	2.98E-04	4.55E-04	2.34E-07	5.19E-05	2.41E-08	3.50E-04	6.48E-04	2.98E-04	3.01E-09	0.00E+00	0.00E+00	3.56E-05	0.00E+00	0.00E+00	6.48E-04
411	ALL	669919.3	4344080	NonCancer	3.01E-04	4.53E-04	2.26E-07	5.05E-05	2.35E-08	3.52E-04	6.65E-04	3.01E-04	3.15E-09	0.00E+00	0.00E+00	3.46E-05	0.00E+00	0.00E+00	6.65E-04
412	ALL	670140.6	4344080	NonCancer	3.08E-04	4.50E-04	2.09E-07	4.75E-05	2.23E-08	3.56E-04	6.95E-04	3.08E-04	3.37E-09	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	6.95E-04
413	ALL	670361.9	4344080	NonCancer	2.92E-04	4.30E-04	2.02E-07	4.58E-05	2.15E-08	3.38E-04	6.74E-04	2.92E-04	3.52E-09	0.00E+00	0.00E+00	3.13E-05	0.00E+00	0.00E+00	6.74E-04
414	ALL	670583.2	4344080	NonCancer	2.84E-04	4.09E-04	1.83E-07	4.19E-05	1.98E-08	3.26E-04	6.78E-04	2.84E-04	3.78E-09	0.00E+00	0.00E+00	2.86E-05	0.00E+00	0.00E+00	6.78E-04
415	ALL	670804.5	4344080	NonCancer	2.74E-04	3.84E-04	1.58E-07	3.71E-05	1.77E-08	3.11E-04	6.81E-04	2.74E-04	4.22E-09	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	6.81E-04
416	ALL	671025.8	4344080	NonCancer	2.35E-04	3.16E-04	1.14E-07	2.78E-05	1.35E-08	2.63E-04	6.08E-04	2.35E-04	3.46E-09	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	6.08E-04
417	ALL	671247.1	4344080	NonCancer	2.22E-04	3.04E-04	1.17E-07	2.79E-05	1.35E-08	2.50E-04	6.01E-04	2.22E-04	4.37E-09	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	6.01E-04
418	ALL	671468.4	4344080	NonCancer	1.91E-04	2.57E-04	9.30E-08	2.26E-05	1.10E-08	2.14E-04	5.42E-04	1.91E-04	4.27E-09	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	5.42E-04
419	ALL	671689.8	4344080	NonCancer	1.37E-04	1.75E-04	5.16E-08	1.33E-05	6.72E-09	1.50E-04	3.82E-04	1.37E-04	1.81E-09	0.00E+00	0.00E+00	8.72E-06	0.00E+00	0.00E+00	3.82E-04
420	ALL	671911.1	4344080	NonCancer	9.98E-05	1.26E-04	3.57E-08	9.38E-06	4.75E-09	1.09E-04	2.85E-04	9.98E-05	1.34E-09	0.00E+00	0.00E+00	6.11E-06	0.00E+00	0.00E+00	2.85E-04
421	ALL	672132.4	4344080	NonCancer	7.55E-05	9.57E-05	2.72E-08	7.13E-06	3.61E-09	8.27E-05	2.20E-04	7.55E-05	1.03E-09	0.00E+00	0.00E+00	4.64E-06	0.00E+00	0.00E+00	2.20E-04
422	ALL	672353.7	4344080	NonCancer	6.09E-05	7.76E-05	2.26E-08	5.88E-06	2.96E-09	6.68E-05	1.79E-04	6.09E-05	9.03E-10	0.00E+00	0.00E+00	3.85E-06	0.00E+00	0.00E+00	1.79E-04
423	ALL	672575	4344080	NonCancer	4.76E-05	6.11E-05	1.84E-08	4.73E-06	2.37E-09	5.24E-05	1.40E-04	4.76E-05	7.10E-10	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	1.40E-04
424	ALL	671464.7	4342094	NonCancer	1.36E-03	1.55E-03	2.25E-07	7.89E-05	4.28E-08	1.44E-03	6.88E-03	1.36E-03	1.25E-07	0.00E+00	0.00E+00	6.72E-05	0.00E+00	0.00E+00	6.88E-03
425	ALL	671482.2	4342064	NonCancer	1.27E-03	1.45E-03	2.07E-07	7.32E-05	3.97E-08	1.35E-03	6.96E-03	1.27E-03	1.31E-07	0.00E+00	0.00E+00	6.55E-05	0.00E+00	0.00E+00	6.96E-03
426	ALL	671498.6	4342030	NonCancer	1.16E-03	1.32E-03	1.88E-07	6.66E-05	3.61E-08	1.23E-03	6.98E-03	1.16E-03	1.34E-07	0.00E+00	0.00E+00	6.29E-05	0.00E+00	0.00E+00	6.98E-03
427	ALL	671513.8	4341992	NonCancer	1.02E-03	1.17E-03	1.70E-07	5.97E-05	3.22E-08	1.08E-03	7.14E-03	1.02E-03	1.42E-07	0.00E+00	0.00E+00	6.16E-05	0.00E+00	0.00E+00	7.14E-03
428	ALL	671541.8	4341965	NonCancer	8.56E-04	9.84E-04	1.51E-07	5.14E-05	2.76E-08	9.07E-04	6.44E-03	8.56E-04	1.24E-07	0.00E+00	0.00E+00	5.41E-05	0.00E+00	0.00E+00	6.44E-03
429	ALL	671575.6	4341974	NonCancer	7.60E-04	8.75E-04	1.35E-07	4.59E-05	2.47E-08	8.06E-04	5.01E-03	7.60E-04	9.15E-08	0.00E+00	0.00E+00	4.41E-05	0.00E+00	0.00E+00	5.01E-03
430	ALL	671460.8	4342163	NonCancer	1.26E-03	1.46E-03	2.35E-07	7.80E-05	4.19E-08	1.34E-03	5.68E-03	1.26E-03	7.86E-08	0.00E+00	0.00E+00	5.77E-05	0.00E+00	0.00E+00	5.68E-03
431	ALL	671451	4342187	NonCancer	1.27E-03	1.48E-03	2.49E-07	8.10E-05	4.33E-08	1.35E-03	5.57E-03	1.27E-03	7.15E-08	0.00E+00	0.00E+00	5.80E-05	0.00E+00	0.00E+00	5.57E-03
432	ALL	671510.7	4342220	NonCancer	9.71E-04	1.14E-03	2.09E-07	6.53E-05	3.46E-08	1.04E-03	4.14E-03	9.71E-04	5.43E-08	0.00E+00	0.00E+00	4.73E-05	0.00E+00	0.00E+00	4.14E-03
433	ALL	671524.1	4342193	NonCancer	9.41E-04	1.10E-03	1.93E-07	6.16E-05	3.28E-08	1.00E-03	4.10E-03	9.41E-04	5.82E-08	0.00E+00	0.00E+00	4.59E-05	0.00E+00	0.00E+00	4.10E-03
434	ALL	671522.9	4342251	NonCancer	8.95E-04	1.06E-03	2.06E-07	6.28E-05	3.30E-08	9.58E-04	3.75E-03	8.95E-04	4.67E-08	0.00E+00	0.00E+00	4.47E-05	0.00E+00	0.00E+00	3.75E-03
435	ALL	671599.1	4342253	NonCancer	7.15E-04	8.49E-04	1.67E-07	5.06E-05	2.66E-08	7.66E-04	2.92E-03	7.15E-04	3.48E-08	0.00E+00	0.00E+00	3.57E-05	0.00E+00	0.00E+00	2.92E-03
436	ALL	671627.8	4342257	NonCancer	6.57E-04	7.82E-04	1.57E-07	4.71E-05	2.47E-08	7.05E-04	2.66E-03	6.57E-04	2.91E-08	0.00E+00	0.00E+00	3.26E-05	0.00E+00	0.00E+00	2.66E-03
437	ALL	671583.9	4342116	NonCancer	7.81E-04	9.04E-04	1.45E-07	4.83E-05	2.61E-08	8.30E-04	3.55E-03	7.81E-04	4.96E-08	0.00E+00	0.00E+00	3.63E-05	0.00E+00	0.00E+00	3.55E-03
438	ALL	671595.5	4342072	NonCancer	7.58E-04	8.73E-04	1.34E-07	4.56E-05	2.48E-08	8.04E-04	3.62E-03	7.58E-04	5.30E-08	0.00E+00	0.00E+00	3.53E-05	0.00E+00	0.00E+00	3.62E-03
439	ALL	671663.1	4342056	NonCancer	6.32E-04	7.33E-04	1.20E-07	3.95E-05	2.13E-08	6.72E-04	2.99E-03	6.32E-04	4.01E-08	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	2.99E-03
440	ALL	671600.9	4342030	NonCancer	7.46E-04	8.58E-04	1.31E-07	4.46E-05	2.42E-08	7.91E-04	3.89E-03	7.46E-04	6.37E-08	0.00E+00	0.00E+00	3.71E-05	0.00E+00	0.00E+00	3.89E-03
441	ALL	671526.6	4342156	NonCancer	9.47E-04	1.10E-03	1.81E-07	5.96E-05	3.20E-08	1.01E-03	4.26E-03	9.47E-04	6.64E-08	0.00E+00	0.00E+00	4.62E-05	0.00E+00	0.00E+00	4.26E-03
442	ALL	671629	4342292	NonCancer	6.24E-04	7.48E-04	1.58E-07	4.65E-05	2.42E-08	6.71E-04	2.50E-03	6.24E-04	2.68E-08	0.00E+00	0.00E+00	3.21E-05	0.00E+00	0.00E+00	2.50E-03
443	ALL	671641.8	4341981	NonCancer	6.25E-04	7.24E-04	1.17E-07	3.89E-05	2.09E-08	6.64E-04	3.59E-03	6.25E-04	5.75E-08	0.00E+00	0.00E+00	3.32E-05	0.00E+00	0.00E+00	3.59E-03
444	ALL	671666.8	4342019	NonCancer	6.12E-04	7.10E-04	1.16E-07	3.83E-05	2.06E-08	6.51E-04	3.11E-03	6.12E-04	4.51E-08	0.00E+00	0.00E+00	3.01E-05	0.00E+00	0.00E+00	3.11E-03
445	ALL	671407.1	4342220	NonCancer	1.51E-03	1.77E-03	3.14E-07	9.97E-05	5.26E-08	1.61E-03	6.32E-03	1.51E-03	8.60E-08	0.00E+00	0.00E+00	7.09E-05	0.00E+00	0.00E+00	6.32E-03
446	ALL	671415.6	4342183	NonCancer	1.56E-03	1.81E-03	2.97E-07	9.77E-05	5.21E-08	1.66E-03	6.80E-03	1.56E-03	9.03E-08	0.00E+00	0.00E+00	6.99E-05	0.00E+00	0.00E+00	6.80E-03
447	ALL	671635.1	4341706	NonCancer	3.51E-04	4.35E-04	1.13E-07	3.07E-05	1.54E-08	3.81E-04	5.99E-03	3.51E-04	3.27E-08	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	5.99E-03
448	ALL	671693.6	4341710	NonCancer	3.27E-04	4.07E-04	1.08E-07	2.90E-05	1.45E-08	3.56E-04	4.23E-03	3.27E-04	2.86E-08	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	4.23E-03
449	ALL	671719.8	4341736	NonCancer	3.34E-04	4.15E-04	1.08E-07	2.93E-05	1.47E-08	3.63E-04	3.74E-03	3.34E-04	2.89E-08	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	3.74E-03
450	ALL	671673.5	4341630	NonCancer	3.16E-04	3.96E-04	1.08E-07	2.89E-05	1.44E-08	3.45E-04	5.44E-03	3.16E-04	3.01E-08	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	5.44E-03
451	ALL	671888	4341936	NonCancer	3.34E-04	4.04E-04	9.03E-08	2.60E-05	1.34E-08	3.60E-04	1.64E-03	3.34E-04	1.44E-08	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	1.64E-03
452	ALL	671977.6	4341952	NonCancer	2.71E-04	3.25E-04	6.77E-08	2.00E-05	1.05E-08	2.92E-04	1.20E-03	2.71E-04	8.55E-09	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	1.20E-03
453	ALL	672039.2	4341895	NonCancer	2.16E-04	2.57E-04	5.20E-08	1.56E-05	8.19E-09	2.31E-04	9.40E-04	2.16E-04	6.07E-09	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	9.40E-04
454	ALL	671858.2	4341754	NonCancer	2.90E-04	3.62E-04	9.62E-08	2.59E-05	1.30E-08	3.16E-04	2.41E-03	2.90E-04	1.68E-08	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	2.41E-03
455	ALL	671922.8	4341634	NonCancer	1.96E-04	2.46E-04	6.78E-08	1.80E-05	9.03E-09	2.14E-04	1.19E-03	1.96E-04	8.66E-09	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	1.19E-03
456	ALL	671613.7	4341791	NonCancer	4.27E-04	5.17E-04	1.17E-07	3.34E-05	1.71E-08	4.60E-04	6.06E-03	4.27E-04	5.28E-08	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	6.06E-03
457	ALL	671853.3	4341731	NonCancer	2.78E-04	3.48E-04	9.39E-08	2.51E-05	1.26E-08	3.04E-04	2.43E-03	2.78E-04	1.65E-08	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	2.43E-03
458	ALL	671783.8	4341586	NonCancer	2.50E-04	3.17E-04	9.13E-08	2.39E-05	1.18E-08	2.74E-04	2.71E-03	2.50E-04	1.88E-08	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	2.71E-03
459	ALL	671783.2	4341547	NonCancer	2.33E-04	2.96E-04	8.65E-08	2.25E-05	1.11E-08	2.56E-04	2.45E-03	2.33E-04	1.69E-08	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	2.45E-03
460	ALL	671769.2	4341461	NonCancer	2.18E-04	2.77E-04	8.01E-08	2.09E-05	1.03E-08	2.39E-04	2.00E-03	2.18E-04	1.73E-08	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	2.00E-03
461	ALL	671800.9	4341421	NonCancer	1.89E-04	2.41E-04	7.18E-08	1.86E-05	9.16E-09	2.08E-04	1.59E-03	1.89E-04	1.23E-08	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	1.59E-03
462	ALL	671880.1	4341427	NonCancer	1.49E-04	1.90E-04	5.68E-08	1.47E-05	7.26E-09	1.63E-04	8.59E-04	1.49E-04	5.76E-09	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	8.59E-04
463	ALL	672012.4	4341505	NonCancer	1.19E-04	1.46E-04	3.54E-08	9.83E-06	5.06E-09	1.29E-04	5.46E-04	1.19E-04	3.06E-09	0.00E+00	0.00E+00	6.49E-06	0.00E+00	0.00E+00	5.46E-04
464	ALL	672084.3	4341548	NonCancer	1.25E-04	1.52E-04	3.56E-08	1.00E-05	5.19E-09	1.35E-04	5.68E-04	1.25E-04	3.31E-09	0.00E+00	0.00E+00	6.62E-06	0.00E+00	0.00E+00	5.68E-04
465	ALL	671915.5	4341478	NonCancer	1.46E-04	1.85E-04	5.35E-08	1.40E-05	6.96E-09	1.60E-04	8.09E-04	1.46E-04	5.00E-09	0.00E+00	0.00E+00	9.55E-06	0.00E+00	0.00E+00	8.09E-04
466	ALL	671903.3	4341564	NonCancer	1.75E-04	2.23E-04	6.42E-08	1.68E-05	8.36E-09	1.92E-04	1.09E-03	1.75E-04	7.47E-09	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	1.09E-03
467	ALL	671863.1	4341522	NonCancer	1.80E-04	2.31E-04	6.95E-08	1.79E-05	8.84E-09	1.98E-04	1.22E-03	1.80E-04	8.13E-09	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	1.22E-03
468	ALL	671830.1	4341336	NonCancer	1.61E-04	2.06E-04	6.21E-08	1.60E-05	7.90E-09	1.77E-04	1.04E-03	1.61E-04	9.33E-09	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	1.04E-03
469	ALL	671835.6	4341288	NonCancer	1.51E-04	1.93E-04	5.87E-08	1.51E-05	7.43E-09	1.66E-04	8.61E-04	1.51E-04	8.13E-09	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	8.61E-04
470	ALL	671825.9	4341275	NonCancer	1.50E-04	1.92E-04	5.84E-08	1.50E-05	7.39E-09	1.65E-04	8.54E-04	1.50E-04	8.15E-09	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	8.54E-04
471	ALL	672136.7	4341371	NonCancer	7.71E-05	9.47E-05	2.31E-08	6.40E-06	3.30E-09	8.35E-05	3.04E-04	7.71E-05	1.57E-09	0.00E+00	0.00E+00	4.16E-06	0.00E+00	0.00E+00	3.04E-04
472	ALL	671920.3	4341307	NonCancer	1.22E-04	1.53E-04	4.25E-08	1.12E-05	5.64E-09	1.33E-04	6.00E-04	1.22E-04	4.22E-09	0.00E+00	0.00E+00	7.68E-06	0.00E+00	0.00E+00	6.00E-04
473	ALL	671695.4	4341257	NonCancer	1.52E-04	1.92E-04	5.31E-08	1.41E-05	7.04E-09	1.66E-04	7.96E-04	1.52E-04	1.05E-08	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	7.96E-04
474	ALL	671682	4341176	NonCancer	1.31E-04	1.63E-04	4.18E-08	1.14E-05	5.79E-09	1.43E-04	6.15E-04	1.31E-04	6.01E-09	0.00E+00	0.00E+00	8.12E-06	0.00E+00	0.00E+00	6.15E-04
475	ALL	671991.7	4341196	NonCancer	1.03E-04	1.30E-04	3.67E-08	9.67E-06	4.84E-09	1.13E-04	4.74E-04	1.03E-04	3.34E-09	0.00E+00	0.00E+00	6.58E-06	0.00E+00	0.00E+00	4.74E-04
476	ALL	672022.1	4341232	NonCancer	9.72E-05	1.22E-04	3.41E-08	9.01E-06	4.53E-09	1.06E-04	4.34E-04	9.72E-05	2.71E-09	0.00E+00	0.00E+00	6.03E-06	0.00E+00	0.00E+00	4.34E-04
477	ALL	671992.3	4341178	NonCancer	9.83E-05	1.23E-04	3.34E-08	8.91E-06	4.50E-09	1.07E-04	4.29E-04	9.83E-05	2.89E-09	0.00E+00	0.00E+00	6.00E-06	0.00E+00	0.00E+00	4.29E-04
478	ALL	671540.6	4341238	NonCancer	1.41E-04	1.71E-04	3.84E-08	1.10E-05	5.71E-09	1.52E-04	6.17E-04	1.41E-04	7.27E-09	0.00E+00	0.00E+00	8.01E-06	0.00E+00	0.00E+00	6.17E-04
479	ALL	671575.3	4341178	NonCancer	1.20E-04	1.46E-04	3.27E-08	9.36E-06	4.87E-09	1.30E-04	4.90E-04	1.20E-04	5.59E-09	0.00E+00	0.00E+00	6.70E-06	0.00E+00	0.00E+00	4.90E-04
480	ALL	671454.7	4341196	NonCancer	1.53E-04	1.84E-04	3.90E-08	1.14E-05	5.97E-09	1.65E-04	6.13E-04	1.53E-04	9.72E-09	0.00E+00	0.00E+00	8.71E-06	0.00E+00	0.00E+00	6.13E-04
481	ALL	671523.5	4341116	NonCancer	1.17E-04	1.41E-04	3.07E-08	8.91E-06	4.64E-09	1.26E-04	4.48E-04	1.17E-04	6.20E-09	0.00E+00	0.00E+00	6.51E-06	0.00E+00	0.00E+00	4.48E-04
482	ALL	671413.2	4341127	NonCancer	1.50E-04	1.80E-04	3.76E-08	1.11E-05	5.82E-09	1.61E-04	5.54E-04	1.50E-04	9.29E-09	0.00E+00	0.00E+00	8.44E-06	0.00E+00	0.00E+00	5.54E-04
483	ALL	671471.1	4341065	NonCancer	1.21E-04	1.45E-04	3.07E-08	9.03E-06	4.73E-09	1.30E-04	4.38E-04	1.21E-04	6.94E-09	0.00E+00	0.00E+00	6.73E-06	0.00E+00	0.00E+00	4.38E-04
484	ALL	671601.6	4341051	NonCancer	1.11E-04	1.36E-04	3.29E-08	9.15E-06	4.70E-09	1.20E-04	4.57E-04	1.11E-04	4.56E-09	0.00E+00	0.00E+00	6.40E-06	0.00E+00	0.00E+00	4.57E-04
485	ALL	671198.6	4341254	NonCancer	2.09E-04	2.47E-04	4.73E-08	1.45E-05	7.69E-09	2.23E-04	8.34E-04	2.09E-04	2.80E-08	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	8.34E-04
486	ALL	671278.5	4341212	NonCancer	1.97E-04	2.35E-04	4.67E-08	1.41E-05	7.44E-09	2.11E-04	7.53E-04	1.97E-04	1.44E-08	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	7.53E-04
487	ALL	671230.3	4341133	NonCancer	1.67E-04	1.99E-04	3.94E-08	1.19E-05	6.28E-09	1.79E-04	5.99E-04	1.67E-04	1.57E-08	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	5.99E-04
488	ALL	671073.1	4341272	NonCancer	2.25E-04	2.65E-04	4.96E-08	1.54E-05	8.18E-09	2.40E-04	9.30E-04	2.25E-04	3.05E-08	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	9.30E-04
489	ALL	671122.5	4341374	NonCancer	2.87E-04	3.38E-04	6.28E-08	1.95E-05	1.04E-08	3.06E-04	1.31E-03	2.87E-04	4.08E-08	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	1.31E-03
490	ALL	671118.8	4341397	NonCancer	3.06E-04	3.60E-04	6.71E-08	2.08E-05	1.11E-08	3.27E-04	1.43E-03	3.06E-04	4.40E-08	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	1.43E-03
491	ALL	670978.4	4341324	NonCancer	2.94E-04	3.44E-04	6.12E-08	1.94E-05	1.04E-08	3.13E-04	1.19E-03	2.94E-04	4.16E-08	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	1.19E-03
492	ALL	670932.9	4341394	NonCancer	3.72E-04	4.35E-04	7.49E-08	2.41E-05	1.30E-08	3.97E-04	1.48E-03	3.72E-04	4.37E-08	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	1.48E-03
493	ALL	670935.2	4341367	NonCancer	3.48E-04	4.07E-04	7.09E-08	2.27E-05	1.22E-08	3.70E-04	1.39E-03	3.48E-04	4.32E-08	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	1.39E-03
494	ALL	671108	4340976	NonCancer	1.58E-04	1.89E-04	3.82E-08	1.14E-05	6.03E-09	1.69E-04	5.31E-04	1.58E-04	1.71E-08	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	5.31E-04

495	ALL	671286.7	4340979	NonCancer	1.31E-04	1.57E-04	3.22E-08	9.58E-06	5.05E-09	1.41E-04	4.42E-04	1.31E-04	7.34E-09	0.00E+00	0.00E+00	7.13E-06	0.00E+00	0.00E+00	4.42E-04
496	ALL	671675.4	4342489	NonCancer	4.19E-04	5.12E-04	1.21E-07	3.41E-05	1.75E-08	4.53E-04	1.50E-03	4.19E-04	1.59E-08	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	1.50E-03
497	ALL	671091.4	4342277	NonCancer	5.22E-03	7.71E-03	3.67E-06	8.30E-04	3.87E-07	6.06E-03	1.41E-02	5.22E-03	2.27E-07	0.00E+00	0.00E+00	6.01E-04	0.00E+00	0.00E+00	1.41E-02
498	ALL	671051.8	4342332	NonCancer	4.07E-03	5.79E-03	2.50E-06	5.78E-04	2.73E-07	4.66E-03	1.05E-02	4.07E-03	1.65E-07	0.00E+00	0.00E+00	4.15E-04	0.00E+00	0.00E+00	1.05E-02
499	ALL	671051.8	4342369	NonCancer	4.15E-03	6.29E-03	3.19E-06	7.10E-04	3.29E-07	4.86E-03	1.02E-02	4.15E-03	1.51E-07	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	1.02E-02
500	ALL	670953	4342361	NonCancer	2.84E-03	3.87E-03	1.47E-06	3.52E-04	1.69E-07	3.19E-03	7.48E-03	2.84E-03	1.19E-07	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	7.48E-03
501	ALL	670695.7	4342236	NonCancer	1.08E-03	1.41E-03	4.74E-07	1.18E-04	5.71E-08	1.20E-03	3.40E-03	1.08E-03	5.97E-08	0.00E+00	0.00E+00	8.55E-05	0.00E+00	0.00E+00	3.40E-03
502	ALL	670545.5	4342319	NonCancer	7.90E-04	1.06E-03	3.89E-07	9.43E-05	4.50E-08	8.84E-04	2.34E-03	7.90E-04	3.00E-08	0.00E+00	0.00E+00	6.51E-05	0.00E+00	0.00E+00	2.34E-03
503	ALL	670711.7	4342488	NonCancer	1.47E-03	1.98E-03	7.18E-07	1.74E-04	8.44E-08	1.65E-03	3.82E-03	1.47E-03	3.86E-08	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	3.82E-03
504	ALL	670648.3	4342502	NonCancer	1.23E-03	1.65E-03	5.92E-07	1.44E-04	6.99E-08	1.37E-03	3.17E-03	1.23E-03	2.93E-08	0.00E+00	0.00E+00	9.80E-05	0.00E+00	0.00E+00	3.17E-03
505	ALL	670648.3	4342631	NonCancer	1.17E-03	1.55E-03	5.20E-07	1.29E-04	6.36E-08	1.30E-03	2.77E-03	1.17E-03	1.99E-08	0.00E+00	0.00E+00	8.64E-05	0.00E+00	0.00E+00	2.77E-03
506	ALL	670806.3	4342728	NonCancer	1.84E-03	3.04E-03	1.82E-06	3.91E-04	1.78E-07	2.23E-03	3.92E-03	1.84E-03	2.86E-08	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	3.92E-03
507	ALL	670688.2	4342739	NonCancer	1.12E-03	1.54E-03	6.03E-07	1.43E-04	6.90E-08	1.26E-03	2.59E-03	1.12E-03	1.77E-08	0.00E+00	0.00E+00	9.71E-05	0.00E+00	0.00E+00	2.59E-03
508	ALL	670804.9	4342428	NonCancer	1.94E-03	2.59E-03	9.23E-07	2.26E-04	1.09E-07	2.17E-03	5.06E-03	1.94E-03	7.02E-08	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	5.06E-03
509	ALL	670439.5	4342472	NonCancer	7.65E-04	1.05E-03	4.06E-07	9.68E-05	4.60E-08	8.62E-04	2.05E-03	7.64E-04	1.99E-08	0.00E+00	0.00E+00	6.53E-05	0.00E+00	0.00E+00	2.05E-03
510	ALL	670358.4	4342579	NonCancer	7.37E-04	1.02E-03	4.10E-07	9.68E-05	4.59E-08	8.34E-04	1.88E-03	7.37E-04	1.59E-08	0.00E+00	0.00E+00	6.50E-05	0.00E+00	0.00E+00	1.88E-03
511	ALL	670546.6	4342662	NonCancer	1.06E-03	1.47E-03	5.94E-07	1.40E-04	6.68E-08	1.20E-03	2.61E-03	1.06E-03	2.13E-08	0.00E+00	0.00E+00	9.55E-05	0.00E+00	0.00E+00	2.61E-03
512	ALL	670537	4342595	NonCancer	9.93E-04	1.35E-03	5.16E-07	1.24E-04	5.95E-08	1.12E-03	2.52E-03	9.93E-04	2.21E-08	0.00E+00	0.00E+00	8.42E-05	0.00E+00	0.00E+00	2.52E-03
513	ALL	670483.5	4342777	NonCancer	9.78E-04	1.41E-03	6.37E-07	1.46E-04	6.86E-08	1.12E-03	2.34E-03	9.78E-04	1.75E-08	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	2.34E-03
514	ALL	670508.2	4342755	NonCancer	1.02E-03	1.46E-03	6.46E-07	1.49E-04	7.02E-08	1.17E-03	2.43E-03	1.02E-03	1.80E-08	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	2.43E-03
515	ALL	670517.8	4342869	NonCancer	1.04E-03	1.58E-03	7.99E-07	1.78E-04	8.27E-08	1.22E-03	2.39E-03	1.04E-03	1.61E-08	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	2.39E-03
516	ALL	670545.3	4342851	NonCancer	1.05E-03	1.57E-03	7.65E-07	1.72E-04	8.02E-08	1.23E-03	2.41E-03	1.05E-03	1.56E-08	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	2.41E-03
517	ALL	670582.4	4342878	NonCancer	1.16E-03	1.83E-03	1.01E-06	2.20E-04	1.01E-07	1.39E-03	2.58E-03	1.16E-03	1.60E-08	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	2.58E-03
518	ALL	670304.9	4342689	NonCancer	7.14E-04	1.01E-03	4.32E-07	1.00E-04	4.73E-08	8.15E-04	1.78E-03	7.14E-04	2.03E-08	0.00E+00	0.00E+00	6.93E-05	0.00E+00	0.00E+00	1.78E-03
519	ALL	670039.7	4342661	NonCancer	4.67E-04	6.90E-04	3.31E-07	7.48E-05	3.46E-08	5.42E-04	1.17E-03	4.67E-04	1.05E-08	0.00E+00	0.00E+00	5.12E-05	0.00E+00	0.00E+00	1.17E-03
520	ALL	670156.5	4342673	NonCancer	5.80E-04	8.39E-04	3.80E-07	8.71E-05	4.06E-08	6.68E-04	1.43E-03	5.80E-04	1.18E-08	0.00E+00	0.00E+00	5.90E-05	0.00E+00	0.00E+00	1.43E-03
521	ALL	670236.2	4342649	NonCancer	6.51E-04	9.15E-04	3.85E-07	8.99E-05	4.23E-08	7.41E-04	1.61E-03	6.51E-04	1.31E-08	0.00E+00	0.00E+00	6.04E-05	0.00E+00	0.00E+00	1.61E-03
522	ALL	670071.3	4342738	NonCancer	5.66E-04	8.28E-04	3.87E-07	8.80E-05	4.09E-08	6.54E-04	1.35E-03	5.66E-04	1.04E-08	0.00E+00	0.00E+00	5.96E-05	0.00E+00	0.00E+00	1.35E-03
523	ALL	669990.2	4342753	NonCancer	4.98E-04	7.38E-04	3.57E-07	8.04E-05	3.72E-08	5.79E-04	1.20E-03	4.98E-04	9.61E-09	0.00E+00	0.00E+00	5.47E-05	0.00E+00	0.00E+00	1.20E-03
524	ALL	669928.4	4342742	NonCancer	4.45E-04	6.68E-04	3.34E-07	7.46E-05	3.44E-08	5.19E-04	1.08E-03	4.45E-04	9.14E-09	0.00E+00	0.00E+00	5.11E-05	0.00E+00	0.00E+00	1.08E-03
525	ALL	669815.8	4342673	NonCancer	3.73E-04	5.60E-04	2.79E-07	6.24E-05	2.87E-08	4.36E-04	9.26E-04	3.73E-04	8.63E-09	0.00E+00	0.00E+00	4.28E-05	0.00E+00	0.00E+00	9.26E-04
526	ALL	669743	4342656	NonCancer	3.52E-04	5.25E-04	2.57E-07	5.78E-05	2.66E-08	4.10E-04	8.74E-04	3.52E-04	8.22E-09	0.00E+00	0.00E+00	3.96E-05	0.00E+00	0.00E+00	8.74E-04
527	ALL	669791	4342745	NonCancer	3.93E-04	5.91E-04	2.95E-07	6.60E-05	3.04E-08	4.59E-04	9.52E-04	3.93E-04	8.22E-09	0.00E+00	0.00E+00	4.51E-05	0.00E+00	0.00E+00	9.52E-04
528	ALL	669696.3	4342731	NonCancer	3.62E-04	5.42E-04	2.69E-07	6.02E-05	2.77E-08	4.22E-04	8.77E-04	3.62E-04	7.71E-09	0.00E+00	0.00E+00	4.11E-05	0.00E+00	0.00E+00	8.77E-04
529	ALL	669536.9	4342553	NonCancer	2.85E-04	4.40E-04	2.31E-07	5.11E-05	2.34E-08	3.37E-04	6.95E-04	2.85E-04	6.51E-09	0.00E+00	0.00E+00	3.53E-05	0.00E+00	0.00E+00	6.95E-04
530	ALL	669228.6	4343290	NonCancer	2.25E-03	5.06E-03	4.40E-06	8.86E-04	3.87E-07	3.14E-03	3.38E-03	2.25E-03	3.99E-09	0.00E+00	0.00E+00	6.33E-04	0.00E+00	0.00E+00	5.06E-03
531	ALL	669170.4	4343325	NonCancer	1.96E-03	4.38E-03	3.79E-06	7.65E-04	3.34E-07	2.73E-03	2.96E-03	1.96E-03	3.76E-09	0.00E+00	0.00E+00	5.46E-04	0.00E+00	0.00E+00	4.38E-03
532	ALL	669284.8	4343340	NonCancer	1.99E-03	4.43E-03	3.83E-06	7.72E-04	3.38E-07	2.77E-03	3.02E-03	1.99E-03	3.99E-09	0.00E+00	0.00E+00	5.52E-04	0.00E+00	0.00E+00	4.43E-03
533	ALL	669324.1	4343251	NonCancer	1.28E-03	2.77E-03	2.34E-06	4.73E-04	2.07E-07	1.75E-03	2.03E-03	1.28E-03	4.29E-09	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	2.77E-03
534	ALL	669359.8	4343290	NonCancer	1.36E-03	2.96E-03	2.49E-06	5.05E-04	2.21E-07	1.87E-03	2.16E-03	1.36E-03	4.31E-09	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	2.96E-03
535	ALL	669370.4	4343387	NonCancer	1.63E-03	3.59E-03	3.06E-06	6.19E-04	2.71E-07	2.26E-03	2.53E-03	1.63E-03	4.02E-09	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	3.59E-03
536	ALL	669423.9	4343410	NonCancer	1.45E-03	3.15E-03	2.66E-06	5.39E-04	2.36E-07	1.99E-03	2.29E-03	1.45E-03	4.05E-09	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	3.15E-03
537	ALL	669488.1	4343420	NonCancer	1.23E-03	2.63E-03	2.18E-06	4.43E-04	1.94E-07	1.68E-03	1.99E-03	1.23E-03	4.11E-09	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	2.63E-03
538	ALL	669649.9	4343378	NonCancer	1.05E-03	2.15E-03	1.71E-06	3.49E-04	1.54E-07	1.40E-03	1.77E-03	1.05E-03	4.79E-09	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	2.15E-03
539	ALL	669720.5	4343374	NonCancer	1.03E-03	2.09E-03	1.64E-06	3.35E-04	1.48E-07	1.37E-03	1.78E-03	1.03E-03	5.02E-09	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	2.09E-03
540	ALL	669770.4	4343323	NonCancer	1.73E-03	3.68E-03	3.06E-06	6.20E-04	2.72E-07	2.35E-03	2.77E-03	1.73E-03	5.32E-09	0.00E+00	0.00E+00	4.42E-04	0.00E+00	0.00E+00	3.68E-03
541	ALL	669764	4343211	NonCancer	1.14E-03	2.34E-03	1.86E-06	3.80E-04	1.67E-07	1.52E-03	1.95E-03	1.14E-03	5.69E-09	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	2.34E-03
542	ALL	669764.7	4343112	NonCancer	6.41E-04	1.17E-03	8.21E-07	1.71E-04	7.64E-08	8.14E-04	1.25E-03	6.41E-04	6.13E-09	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	1.25E-03
543	ALL	669888.7	4343142	NonCancer	7.83E-04	1.44E-03	1.01E-06	2.11E-04	9.42E-08	9.95E-04	1.50E-03	7.82E-04	6.46E-09	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	1.50E-03
544	ALL	669888.7	4343250	NonCancer	1.62E-03	3.39E-03	2.76E-06	5.62E-04	2.47E-07	2.18E-03	2.65E-03	1.62E-03	5.93E-09	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	3.39E-03
545	ALL	669864.5	4343261	NonCancer	1.97E-03	4.22E-03	3.52E-06	7.14E-04	3.13E-07	2.69E-03	3.14E-03	1.97E-03	5.81E-09	0.00E+00	0.00E+00	5.09E-04	0.00E+00	0.00E+00	4.22E-03
546	ALL	669088.8	4343481	NonCancer	1.13E-03	2.45E-03	2.07E-06	4.19E-04	1.83E-07	1.55E-03	1.79E-03	1.13E-03	3.37E-09	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	2.45E-03
547	ALL	668973.4	4343427	NonCancer	2.00E-03	4.49E-03	3.91E-06	7.88E-04	3.44E-07	2.79E-03	2.99E-03	2.00E-03	3.29E-09	0.00E+00	0.00E+00	5.63E-04	0.00E+00	0.00E+00	4.49E-03
548	ALL	669006.2	4343427	NonCancer	1.90E-03	4.26E-03	3.70E-06	7.45E-04	3.26E-07	2.65E-03	2.86E-03	1.90E-03	3.33E-09	0.00E+00	0.00E+00	5.32E-04	0.00E+00	0.00E+00	4.26E-03
549	ALL	668940.6	4343516	NonCancer	6.63E-04	1.37E-03	1.11E-06	2.26E-04	9.95E-08	8.90E-04	1.12E-03	6.63E-04	3.20E-09	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	1.37E-03
550	ALL	668922	4343557	NonCancer	5.31E-04	1.07E-03	8.33E-07	1.71E-04	7.53E-08	7.02E-04	9.31E-04	5.31E-04	3.15E-09	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	1.07E-03
551	ALL	668475.6	4343142	NonCancer	3.69E-04	7.10E-04	5.29E-07	1.09E-04	4.84E-08	4.78E-04	6.79E-04	3.69E-04	2.96E-09	0.00E+00	0.00E+00	7.72E-05	0.00E+00	0.00E+00	7.10E-04
552	ALL	668572	4343208	NonCancer	4.57E-04	9.16E-04	7.13E-07	1.46E-04	6.45E-08	6.04E-04	8.06E-04	4.57E-04	3.03E-09	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	9.16E-04
553	ALL	668567	4343041	NonCancer	2.94E-04	5.26E-04	3.57E-07	7.50E-05	3.35E-08	3.69E-04	5.86E-04	2.94E-04	3.24E-09	0.00E+00	0.00E+00	5.27E-05	0.00E+00	0.00E+00	5.86E-04
554	ALL	669299	4342841	NonCancer	3.08E-04	5.08E-04	3.03E-07	6.53E-05	2.95E-08	3.74E-04	6.88E-04	3.08E-04	5.24E-09	0.00E+00	0.00E+00	4.54E-05	0.00E+00	0.00E+00	6.88E-04
555	ALL	669377.8	4342728	NonCancer	2.99E-04	4.77E-04	2.70E-07	5.86E-05	2.67E-08	3.58E-04	6.89E-04	2.99E-04	5.66E-09	0.00E+00	0.00E+00	4.06E-05	0.00E+00	0.00E+00	6.89E-04
556	ALL	669384.5	4342770	NonCancer	3.08E-04	4.99E-04	2.89E-07	6.26E-05	2.84E-08	3.71E-04	7.02E-04	3.08E-04	5.61E-09	0.00E+00	0.00E+00	4.34E-05	0.00E+00	0.00E+00	7.02E-04
557	ALL	669341.7	4342653	NonCancer	2.78E-04	4.36E-04	2.38E-07	5.21E-05	2.38E-08	3.30E-04	6.54E-04	2.78E-04	5.63E-09	0.00E+00	0.00E+00	3.60E-05	0.00E+00	0.00E+00	6.54E-04
558	ALL	669307.3	4342655	NonCancer	2.74E-04	4.31E-04	2.36E-07	5.17E-05	2.36E-08	3.26E-04	6.43E-04	2.74E-04	5.48E-09	0.00E+00	0.00E+00	3.57E-05	0.00E+00	0.00E+00	6.43E-04
559	ALL	670048.3	4342946	NonCancer	5.64E-04	8.43E-04	4.13E-07	9.28E-05	4.31E-08	6.58E-04	1.37E-03	5.64E-04	1.34E-08	0.00E+00	0.00E+00	6.45E-05	0.00E+00	0.00E+00	1.37E-03
560	ALL	670299.6	4342854	NonCancer	7.39E-04	1.07E-03	4.78E-07	1.10E-04	5.16E-08	8.49E-04	1.80E-03	7.39E-04	1.49E-08	0.00E+00	0.00E+00	7.54E-05	0.00E+00	0.00E+00	1.80E-03
561	ALL	670426.4	4342917	NonCancer	9.30E-04	1.41E-03	7.14E-07	1.59E-04	7.37E-08	1.09E-03	2.16E-03	9.30E-04	1.59E-08	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	2.16E-03
562	ALL	671174.9	4342280	NonCancer	5.16E-03	7.54E-03	3.50E-06	7.97E-04	3.71E-07	5.96E-03	1.50E-02	5.16E-03	2.78E-07	0.00E+00	0.00E+00	5.84E-04	0.00E+00	0.00E+00	1.50E-02
563	ALL	671068.4	4342170	NonCancer	4.57E-03	6.99E-03	3.62E-06	8.03E-04	3.68E-07	5.38E-03	1.91E-02	4.57E-03	3.51E-07	0.00E+00	0.00E+00	6.13E-04	0.00E+00	0.00E+00	1.91E-02
564	ALL	670965.7	4342179	NonCancer	2.59E-03	3.62E-03	1.49E-06	3.50E-04	1.65E-07	2.95E-03	9.75E-03	2.59E-03	2.27E-07	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	9.75E-03
565	ALL	670815.5	4342198	NonCancer	1.30E-03	1.74E-03	6.14E-07	1.51E-04	7.22E-08	1.46E-03	4.51E-03	1.30E-03	9.86E-08	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	4.51E-03
566	ALL	670737.6	4342098	NonCancer	8.92E-04	1.18E-03	4.12E-07	1.01E-04	4.88E-08	9.94E-04	3.22E-03	8.92E-04	8.17E-08	0.00E+00	0.00E+00	8.13E-05	0.00E+00	0.00E+00	3.22E-03
567	ALL	670762.3	4342069	NonCancer	9.99E-04	1.30E-03	4.27E-07	1.07E-04	5.22E-08	1.11E-03	3.59E-03	9.99E-04	9.04E-08	0.00E+00	0.00E+00	8.65E-05	0.00E+00	0.00E+00	3.59E-03
568	ALL	670817.4	4342041	NonCancer	1.23E-03	1.58E-03	4.82E-07	1.24E-04	6.10E-08	1.36E-03	4.49E-03	1.23E-03	1.19E-07	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	4.49E-03
569	ALL	670895.4	4342025	NonCancer	1.82E-03	2.28E-03	6.20E-07	1.65E-04	8.32E-08	1.98E-03	6.63E-03	1.82E-03	1.83E-07	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	6.63E-03
570	ALL	670979	4341915	NonCancer	1.92E-03	2.29E-03	4.82E-07	1.42E-04	7.23E-08	2.06E-03	7.35E-03	1.92E-03	2.36E-07	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	7.35E-03
571	ALL	671115.9	4341864	NonCancer	2.54E-03	2.88E-03	4.17E-07	1.47E-04	7.55E-08	2.68E-03	9.48E-03	2.54E-03	8.98E-07	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	9.48E-03
572	ALL	671199.6	4341771	NonCancer	1.15E-03	1.36E-03	2.72E-07	8.22E-05	4.17E-08	1.23E-03	7.22E-03	1.15E-03	7.72E-07	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	7.22E-03
573	ALL	671222.4	4341377	NonCancer	2.94E-04	3.50E-04	6.98E-08	2.10E-05	1.11E-08	3.16E-04	1.58E-03	2.94E-04	4.23E-08	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	1.58E-03
574	ALL	671714.8	4341392	NonCancer	2.05E-04	2.60E-04	7.58E-08	1.97E-05	9.76E-09	2.24E-04	1.80E-03	2.05E-04	1.64E-08	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	1.80E-03
575	ALL	671366.9	4341999	NonCancer	3.85E-03	4.27E-03	4.58E-07	1.91E-04	1.02E-07	4.04E-03	3.32E-02	3.85E-03	8.08E-07	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	3.32E-02
576	ALL	671226.2	4342236	NonCancer	4.45E-03	5.78E-03	1.87E-06	4.72E-04	2.26E-07	4.93E-03	1.59E-02	4.45E-03	3.48E-07	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	1.59E-02
577	ALL	669098.4	4343412	NonCancer	1.50E-03	3.32E-03	2.85E-06	5.76E-04	2.52E-07	2.08E-03	2.31E-03	1.50E-03	3.45E-09	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	3.32E-03
578	ALL	668908.6	4343365	NonCancer	2.07E-03	4.67E-03	4.07E-06	8.20E-04	3.58E-07	2.89E-03	3.09E-03	2.07E-03	3.26E-09	0.00E+00	0.00E+00	5.86E-04	0.00E+00	0.00E+00	4.67E-03
579	ALL	668851.5	4343360	NonCancer	1.86E-03	4.19E-03	3.65E-06	7.34E-04	3.21E-07	2.60E-03	2.79E-03	1.86E-03	3.18E-09	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	4.19E-03
580	ALL	668831.4	4343371	NonCancer	2.11E-03	4.76E-03	4.16E-06	8.37E-04	3.66E-07	2.95E-03	3.13E-03	2.11E-03	3.14E-09	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	4.76E-03
581	ALL	668733.9	4343302	NonCancer	8.66E-04	1.87E-03	1.56E-06	3.17E-04	1.39E-07	1.18E-03	1.38E-03	8.65E-04	3.11E-09	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	1.87E-03
582	ALL	668686.9	4343200	NonCancer	4.79E-04	9.61E-04	7.50E-07	1.54E-04	6.78E-08	6.33E-04	8.44E-04	4.79E-04	3.19E-09	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	9.61E-04
583	ALL	668671.8	4343089	NonCancer	3.63E-04	6.85E-04	4.99E-07	1.03E-04	4.59E-08	4.66E-04	6.85E-04	3.63E-04	3.30E-09	0.00E+00	0.00E+00	7.29E-05	0.00E+00	0.00E+00	6.85E-04
584	ALL	668806.2	4343002	NonCancer	3.33E-04	6.07E-04	4.21E-07	8.80E-05	3.93E-08	4.22E-04	6.57E-04	3.33E-04	3.61E-09	0.00E+00	0.00E+00	6.19E-05	0.00E+00	0.00E+00	6.57E-04
585	ALL	668918.7	4343025	NonCancer	3.54E-04	6.48E-04	4.54E-07	9.47E-05	4.22E-08	4.49E-04	6.97E-04	3.54E-04	3.84E-09	0.00E+00	0.00E+00	6.67E-05	0.00E+00	0.00E+00	6.97E-04
586	ALL	669024.5	4342943	NonCancer	3.25E-04	5.71E-04	3.78E-07	7.96E-05	3.57E-08	4.05E-04	6.70E-04	3.25E-04	4.19E-09	0.00E+00	0.00E+00	5.58E-05	0.00E+00	0.00E+00	6.70E-04
587	ALL	669288.2	4342916	NonCancer	3.33E-04	5.69E-04	3.61E-07	7.67E-05	3.45E-08	4.10E-04	7.16E-04	3.33E-04	5.02E-09	0.00E+00	0.00E+00	5.35E-05	0.00E+00	0.00E+00	7.16E-04
588	ALL	669333.6	4342923	NonCancer	3.41E-04	5.84E-04	3.71E-07	7.89E-05	3.54E-08	4.21E-04	7.34E-04	3.41E-04	5.15E-09	0.00E+00	0.00E+00	5.51E-05	0.00E+00	0.00E+00	7.34E-04
589	ALL	669365.5	4342978	NonCancer	3.75E-04	6.62E-04	4.40E-07	9.27E-05	4.15E-08	4.68E-04	7.82E-04	3.75E-04	5.09E-09	0.00E+00	0.00E+00	6.50E-05	0.00E+00	0.00E+00	7.82E-04
590	ALL	669337	4343151	NonCancer	6.36E-04	1.27E-03	9.92E-07	2.03E-04	8.97E-08	8.40E-04	1.13E-03	6.35E-04	4.53E-09	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	1.27E-03
591	ALL	669303.4	4343304	NonCancer	1.67E-03	3.70E-03	3.17E-06	6.40E-04	2.80E-07	2.32E-03	2.58E-03	1.67E-03	4.12E-09	0.00E+00	0.00E+00	4.57E-04	0.00E+00	0.00E+00	3.70E-03
592	ALL	669222.7	4343235	NonCancer	1.43E-03	3.15E-03	2.69E-06	5.43E-04	2.38E-07	1.98E-03	2.24E-03	1.43E-03	4.07E-09	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	3.15E-03
593	ALL	669135.4	4343306	NonCancer	1.80E-03	4.02E-03	3.48E-06	7.01E-04	3.06E-07	2.51E-03	2.74E-03	1.80E-03	3.71E-09	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	4.02E-03

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISI	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		668148.8	4340781	3.10E-07	1YrCancerI	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		668370.1	4340781	3.45E-07	1YrCancerI	3.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		668591.4	4340781	3.79E-07	1YrCancerI	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		668812.7	4340781	4.07E-07	1YrCancerI	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		669034	4340781	4.51E-07	1YrCancerI	4.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		669255.3	4340781	5.04E-07	1YrCancerI	5.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		669476.7	4340781	5.58E-07	1YrCancerI	5.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		669698	4340781	6.27E-07	1YrCancerI	6.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		669919.3	4340781	8.17E-07	1YrCancerI	8.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		670140.6	4340781	9.42E-07	1YrCancerI	9.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		670361.9	4340781	9.21E-07	1YrCancerI	9.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		670583.2	4340781	6.48E-07	1YrCancerI	6.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		670804.5	4340781	6.32E-07	1YrCancerI	6.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		671025.8	4340781	5.26E-07	1YrCancerI	5.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		671247.1	4340781	5.29E-07	1YrCancerI	5.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		671468.4	4340781	6.96E-07	1YrCancerI	6.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		671689.8	4340781	9.91E-07	1YrCancerI	9.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		671911.1	4340781	9.40E-07	1YrCancerI	9.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		672132.4	4340781	5.11E-07	1YrCancerI	5.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		672353.7	4340781	8.96E-07	1YrCancerI	8.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		672575	4340781	1.12E-06	1YrCancerI	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		668148.8	4340946	3.05E-07	1YrCancerI	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		668370.1	4340946	3.43E-07	1YrCancerI	3.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		668591.4	4340946	3.77E-07	1YrCancerI	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		668812.7	4340946	4.12E-07	1YrCancerI	4.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		669034	4340946	4.70E-07	1YrCancerI	4.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		669255.3	4340946	5.21E-07	1YrCancerI	5.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		669476.7	4340946	5.79E-07	1YrCancerI	5.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		669698	4340946	6.71E-07	1YrCancerI	6.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		669919.3	4340946	9.57E-07	1YrCancerI	9.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		670140.6	4340946	1.03E-06	1YrCancerI	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		670361.9	4340946	1.09E-06	1YrCancerI	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		670583.2	4340946	1.04E-06	1YrCancerI	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		670804.5	4340946	6.80E-07	1YrCancerI	6.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		671025.8	4340946	5.37E-07	1YrCancerI	5.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		671247.1	4340946	5.34E-07	1YrCancerI	5.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		671468.4	4340946	6.47E-07	1YrCancerI	6.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		671689.8	4340946	1.27E-06	1YrCancerI	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		671911.1	4340946	1.48E-06	1YrCancerI	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		672132.4	4340946	4.83E-07	1YrCancerI	4.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		672353.7	4340946	6.16E-07	1YrCancerI	6.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		672575	4340946	1.10E-06	1YrCancerI	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		668148.8	4341111	3.10E-07	1YrCancerI	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		668370.1	4341111	3.36E-07	1YrCancerI	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		668591.4	4341111	3.85E-07	1YrCancerI	3.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		668812.7	4341111	4.26E-07	1YrCancerI	4.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		669034	4341111	4.77E-07	1YrCancerI	4.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		669255.3	4341111	5.24E-07	1YrCancerI	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		669476.7	4341111	6.05E-07	1YrCancerI	6.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		669698	4341111	7.08E-07	1YrCancerI	7.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		669919.3	4341111	8.07E-07	1YrCancerI	8.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		670140.6	4341111	1.12E-06	1YrCancerI	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		670361.9	4341111	1.07E-06	1YrCancerI	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		670583.2	4341111	8.16E-07	1YrCancerI	8.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		670804.5	4341111	6.04E-07	1YrCancerI	6.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		671025.8	4341111	5.28E-07	1YrCancerI	5.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		671247.1	4341111	6.39E-07	1YrCancerI	6.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		671468.4	4341111	7.77E-07	1YrCancerI	7.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		671689.8	4341111	2.04E-06	1YrCancerI	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		671911.1	4341111	1.65E-06	1YrCancerI	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		672132.4	4341111	4.73E-07	1YrCancerI	4.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		672353.7	4341111	4.24E-07	1YrCancerI	4.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		672575	4341111	1.12E-06	1YrCancerI	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		668148.8	4341276	3.18E-07	1YrCancerI	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL		668370.1	4341276	3.49E-07	1YrCancerI	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL		668591.4	4341276	3.94E-07	1YrCancerI	3.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL		668812.7	4341276	4.44E-07	1YrCancerI	4.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		669034	4341276	5.00E-07	1YrCancerI	5.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		669255.3	4341276	5.58E-07	1YrCancerI	5.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		669476.7	4341276	6.27E-07	1YrCancerI	6.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL		669698	4341276	7.22E-07	1YrCancerI	7.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL		669919.3	4341276	1.03E-06	1YrCancerI	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		670140.6	4341276	9.32E-07	1YrCancerI	9.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL		670361.9	4341276	8.65E-07	1YrCancerI	8.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL		670583.2	4341276	6.71E-07	1YrCancerI	6.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL		670804.5	4341276	6.69E-07	1YrCancerI	6.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		671025.8	4341276	6.15E-07	1YrCancerI	6.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL		671247.1	4341276	8.91E-07	1YrCancerI	8.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL		671468.4	4341276	2.12E-06	1YrCancerI	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL		671689.8	4341276	3.19E-06	1YrCancerI	3.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		671911.1	4341276	2.03E-06	1YrCancerI	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		672132.4	4341276	5.24E-07	1YrCancerI	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		672353.7	4341276	3.92E-07	1YrCancerI	3.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL		672575	4341276	1.11E-06	1YrCancerI	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		668148.8	4341441	3.21E-07	1YrCancerI	3.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL		668370.1	4341441	3.59E-07	1YrCancerI	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL		668591.4	4341441	4.02E-07	1YrCancerI	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL		668812.7	4341441	4.54E-07	1YrCancerI	4.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL		669034	4341441	5.09E-07	1YrCancerI	5.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL		669255.3	4341441	5.67E-07	1YrCancerI	5.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

91	ALL	669476.7	4341441	6.47E-07	1YrCancerI	6.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	669698	4341441	7.55E-07	1YrCancerI	7.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	669919.3	4341441	1.02E-06	1YrCancerI	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	670140.6	4341441	8.19E-07	1YrCancerI	8.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	670361.9	4341441	7.60E-07	1YrCancerI	7.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	670583.2	4341441	7.17E-07	1YrCancerI	7.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	670804.5	4341441	9.46E-07	1YrCancerI	9.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	671025.8	4341441	8.84E-07	1YrCancerI	8.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	671689.8	4341441	4.22E-06	1YrCancerI	4.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	671911.1	4341441	1.98E-06	1YrCancerI	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	672132.4	4341441	6.08E-07	1YrCancerI	6.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	672353.7	4341441	5.88E-07	1YrCancerI	5.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	672575	4341441	9.95E-07	1YrCancerI	9.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	668148.8	4341606	3.37E-07	1YrCancerI	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	668370.1	4341606	3.72E-07	1YrCancerI	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	668591.4	4341606	4.13E-07	1YrCancerI	4.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	668812.7	4341606	4.60E-07	1YrCancerI	4.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	669034	4341606	5.12E-07	1YrCancerI	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	669255.3	4341606	5.79E-07	1YrCancerI	5.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	669476.7	4341606	6.64E-07	1YrCancerI	6.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	669698	4341606	7.70E-07	1YrCancerI	7.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	669919.3	4341606	9.49E-07	1YrCancerI	9.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	670140.6	4341606	8.91E-07	1YrCancerI	8.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	670361.9	4341606	7.01E-07	1YrCancerI	7.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	670583.2	4341606	7.87E-07	1YrCancerI	7.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	670804.5	4341606	1.42E-06	1YrCancerI	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	671025.8	4341606	1.58E-06	1YrCancerI	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	671689.8	4341606	5.40E-06	1YrCancerI	5.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	671911.1	4341606	2.52E-06	1YrCancerI	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	672132.4	4341606	1.02E-06	1YrCancerI	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	672353.7	4341606	7.90E-07	1YrCancerI	7.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	672575	4341606	1.05E-06	1YrCancerI	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	668148.8	4341771	3.30E-07	1YrCancerI	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	668370.1	4341771	3.78E-07	1YrCancerI	3.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	668591.4	4341771	4.11E-07	1YrCancerI	4.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	668812.7	4341771	4.61E-07	1YrCancerI	4.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	669034	4341771	5.23E-07	1YrCancerI	5.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	669255.3	4341771	5.95E-07	1YrCancerI	5.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	669476.7	4341771	6.73E-07	1YrCancerI	6.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	669698	4341771	9.19E-07	1YrCancerI	9.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	669919.3	4341771	8.70E-07	1YrCancerI	8.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	670140.6	4341771	7.67E-07	1YrCancerI	7.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	670361.9	4341771	6.23E-07	1YrCancerI	6.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	670583.2	4341771	9.82E-07	1YrCancerI	9.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	670804.5	4341771	2.75E-06	1YrCancerI	2.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	671025.8	4341771	5.31E-06	1YrCancerI	5.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	671689.8	4341771	4.51E-06	1YrCancerI	4.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	671911.1	4341771	2.61E-06	1YrCancerI	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	672132.4	4341771	8.51E-07	1YrCancerI	8.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	672353.7	4341771	5.48E-07	1YrCancerI	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	672575	4341771	1.05E-06	1YrCancerI	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	668148.8	4341936	3.18E-07	1YrCancerI	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	668370.1	4341936	3.60E-07	1YrCancerI	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	668591.4	4341936	4.13E-07	1YrCancerI	4.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	668812.7	4341936	4.68E-07	1YrCancerI	4.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	669034	4341936	5.33E-07	1YrCancerI	5.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	669255.3	4341936	5.96E-07	1YrCancerI	5.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	669476.7	4341936	8.35E-07	1YrCancerI	8.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	669698	4341936	7.41E-07	1YrCancerI	7.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	669919.3	4341936	5.52E-07	1YrCancerI	5.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	670140.6	4341936	5.92E-07	1YrCancerI	5.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	670361.9	4341936	7.31E-07	1YrCancerI	7.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	670583.2	4341936	1.75E-06	1YrCancerI	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	670804.5	4341936	3.19E-06	1YrCancerI	3.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	671468.4	4341936	1.03E-05	1YrCancerI	1.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	671689.8	4341936	3.21E-06	1YrCancerI	3.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	671911.1	4341936	2.01E-06	1YrCancerI	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	672132.4	4341936	8.06E-07	1YrCancerI	8.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	672353.7	4341936	5.05E-07	1YrCancerI	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	672575	4341936	1.12E-06	1YrCancerI	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	668148.8	4342101	3.23E-07	1YrCancerI	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	668370.1	4342101	3.72E-07	1YrCancerI	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	668591.4	4342101	4.23E-07	1YrCancerI	4.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	668812.7	4342101	4.75E-07	1YrCancerI	4.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	669034	4342101	5.38E-07	1YrCancerI	5.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	669255.3	4342101	6.09E-07	1YrCancerI	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	669476.7	4342101	8.37E-07	1YrCancerI	8.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	669698	4342101	9.23E-07	1YrCancerI	9.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	669919.3	4342101	9.63E-07	1YrCancerI	9.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	670140.6	4342101	8.14E-07	1YrCancerI	8.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	670361.9	4342101	1.64E-06	1YrCancerI	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	670583.2	4342101	2.35E-06	1YrCancerI	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	671468.4	4342101	4.80E-06	1YrCancerI	4.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	671689.8	4342101	2.22E-06	1YrCancerI	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	671911.1	4342101	1.64E-06	1YrCancerI	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	672132.4	4342101	8.95E-07	1YrCancerI	8.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	672353.7	4342101	5.44E-07	1YrCancerI	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	672575	4342101	1.09E-06	1YrCancerI	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	668148.8	4342266	3.26E-07	1YrCancerI	3.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	668370.1	4342266	3.75E-07	1YrCancerI	3.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	668591.4	4342266	4.02E-07	1YrCancerI	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

182	ALL	668812.7	4342266	4.57E-07	1YrCancerI	4.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	669034	4342266	5.25E-07	1YrCancerI	5.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	669255.3	4342266	6.15E-07	1YrCancerI	6.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	669476.7	4342266	7.20E-07	1YrCancerI	7.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	669698	4342266	8.39E-07	1YrCancerI	8.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	669919.3	4342266	9.98E-07	1YrCancerI	9.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	670140.6	4342266	1.21E-06	1YrCancerI	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	670361.9	4342266	1.72E-06	1YrCancerI	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	670583.2	4342266	3.87E-06	1YrCancerI	3.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	670804.5	4342266	4.43E-06	1YrCancerI	4.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	671025.8	4342266	6.72E-06	1YrCancerI	6.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	671247.1	4342266	8.95E-06	1YrCancerI	8.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	671468.4	4342266	3.37E-06	1YrCancerI	3.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	671689.8	4342266	1.87E-06	1YrCancerI	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	671911.1	4342266	1.26E-06	1YrCancerI	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	672132.4	4342266	1.18E-06	1YrCancerI	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	672353.7	4342266	8.97E-07	1YrCancerI	8.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	672575	4342266	9.48E-07	1YrCancerI	9.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	668148.8	4342431	3.05E-07	1YrCancerI	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	668370.1	4342431	3.55E-07	1YrCancerI	3.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	668591.4	4342431	3.77E-07	1YrCancerI	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	668812.7	4342431	4.23E-07	1YrCancerI	4.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	669034	4342431	4.87E-07	1YrCancerI	4.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	669255.3	4342431	5.93E-07	1YrCancerI	5.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	669476.7	4342431	7.72E-07	1YrCancerI	7.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	669698	4342431	9.90E-07	1YrCancerI	9.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	669919.3	4342431	1.13E-06	1YrCancerI	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	670140.6	4342431	1.63E-06	1YrCancerI	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	670361.9	4342431	3.70E-06	1YrCancerI	3.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	670583.2	4342431	2.47E-06	1YrCancerI	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	670804.5	4342431	3.31E-06	1YrCancerI	3.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	671025.8	4342431	5.30E-06	1YrCancerI	5.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	671247.1	4342431	3.24E-06	1YrCancerI	3.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	671468.4	4342431	2.24E-06	1YrCancerI	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	671689.8	4342431	1.38E-06	1YrCancerI	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	671911.1	4342431	1.02E-06	1YrCancerI	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	672132.4	4342431	1.08E-06	1YrCancerI	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	672353.7	4342431	1.05E-06	1YrCancerI	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	672575	4342431	8.89E-07	1YrCancerI	8.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	668148.8	4342596	3.08E-07	1YrCancerI	3.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	668370.1	4342596	3.35E-07	1YrCancerI	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	668591.4	4342596	3.73E-07	1YrCancerI	3.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	668812.7	4342596	4.20E-07	1YrCancerI	4.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	669034	4342596	4.95E-07	1YrCancerI	4.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	669255.3	4342596	6.47E-07	1YrCancerI	6.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	669476.7	4342596	1.30E-06	1YrCancerI	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	669698	4342596	2.57E-06	1YrCancerI	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	669919.3	4342596	2.56E-06	1YrCancerI	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	670140.6	4342596	2.83E-06	1YrCancerI	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	670361.9	4342596	2.06E-06	1YrCancerI	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	670583.2	4342596	1.87E-06	1YrCancerI	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	670804.5	4342596	3.07E-06	1YrCancerI	3.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	671025.8	4342596	3.98E-06	1YrCancerI	3.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	671247.1	4342596	3.09E-06	1YrCancerI	3.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	671468.4	4342596	1.52E-06	1YrCancerI	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	671689.8	4342596	9.50E-07	1YrCancerI	9.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	671911.1	4342596	6.81E-07	1YrCancerI	6.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	672132.4	4342596	7.14E-07	1YrCancerI	7.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	672353.7	4342596	1.05E-06	1YrCancerI	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	672575	4342596	8.15E-07	1YrCancerI	8.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	668148.8	4342761	3.13E-07	1YrCancerI	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	668370.1	4342761	3.48E-07	1YrCancerI	3.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	668591.4	4342761	3.75E-07	1YrCancerI	3.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	668812.7	4342761	4.27E-07	1YrCancerI	4.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	669034	4342761	5.15E-07	1YrCancerI	5.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	669255.3	4342761	7.26E-07	1YrCancerI	7.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	669476.7	4342761	2.32E-06	1YrCancerI	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	669698	4342761	1.21E-06	1YrCancerI	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	669919.3	4342761	1.40E-06	1YrCancerI	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	670140.6	4342761	1.67E-06	1YrCancerI	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	670361.9	4342761	2.00E-06	1YrCancerI	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	670583.2	4342761	1.64E-06	1YrCancerI	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	670804.5	4342761	2.28E-06	1YrCancerI	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	671025.8	4342761	2.46E-06	1YrCancerI	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	671247.1	4342761	1.56E-06	1YrCancerI	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	671468.4	4342761	1.17E-06	1YrCancerI	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	671689.8	4342761	8.28E-07	1YrCancerI	8.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	671911.1	4342761	5.47E-07	1YrCancerI	5.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	672132.4	4342761	5.22E-07	1YrCancerI	5.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	672353.7	4342761	1.01E-06	1YrCancerI	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	672575	4342761	8.26E-07	1YrCancerI	8.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	668148.8	4342926	3.11E-07	1YrCancerI	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	668370.1	4342926	3.42E-07	1YrCancerI	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	668591.4	4342926	3.82E-07	1YrCancerI	3.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	668812.7	4342926	4.26E-07	1YrCancerI	4.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	669034	4342926	5.05E-07	1YrCancerI	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	669476.7	4342926	1.43E-06	1YrCancerI	1.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	669698	4342926	9.75E-07	1YrCancerI	9.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	669919.3	4342926	1.22E-06	1YrCancerI	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	670140.6	4342926	1.58E-06	1YrCancerI	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	670361.9	4342926	1.78E-06	1YrCancerI	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

273	ALL	670583.2	4342926	2.06E-06	1YrCancerI	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	670804.5	4342926	2.42E-06	1YrCancerI	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	671025.8	4342926	1.13E-06	1YrCancerI	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	671247.1	4342926	1.19E-06	1YrCancerI	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	671468.4	4342926	8.76E-07	1YrCancerI	8.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	671689.8	4342926	6.75E-07	1YrCancerI	6.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	671911.1	4342926	4.86E-07	1YrCancerI	4.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	672132.4	4342926	3.67E-07	1YrCancerI	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	672353.7	4342926	5.25E-07	1YrCancerI	5.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	672575	4342926	8.12E-07	1YrCancerI	8.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	668148.8	4343090	2.93E-07	1YrCancerI	2.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	668370.1	4343090	3.25E-07	1YrCancerI	3.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	668591.4	4343090	3.77E-07	1YrCancerI	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	669476.7	4343090	8.38E-07	1YrCancerI	8.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	669698	4343090	8.46E-07	1YrCancerI	8.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	669919.3	4343090	9.44E-07	1YrCancerI	9.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	670140.6	4343090	1.22E-06	1YrCancerI	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	670361.9	4343090	1.18E-06	1YrCancerI	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	670583.2	4343090	1.29E-06	1YrCancerI	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	670804.5	4343090	1.89E-06	1YrCancerI	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	671025.8	4343090	9.08E-07	1YrCancerI	9.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	671247.1	4343090	9.08E-07	1YrCancerI	9.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	671468.4	4343090	7.22E-07	1YrCancerI	7.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	671689.8	4343090	5.56E-07	1YrCancerI	5.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	671911.1	4343090	4.22E-07	1YrCancerI	4.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	672132.4	4343090	3.33E-07	1YrCancerI	3.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	672353.7	4343090	2.63E-07	1YrCancerI	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	672575	4343090	3.09E-07	1YrCancerI	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	668148.8	4343255	2.95E-07	1YrCancerI	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	668370.1	4343255	3.40E-07	1YrCancerI	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	668591.4	4343255	3.66E-07	1YrCancerI	3.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	669476.7	4343255	7.25E-07	1YrCancerI	7.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	669698	4343255	7.98E-07	1YrCancerI	7.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	669919.3	4343255	8.80E-07	1YrCancerI	8.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	670140.6	4343255	9.71E-07	1YrCancerI	9.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	670361.9	4343255	1.02E-06	1YrCancerI	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	670583.2	4343255	1.08E-06	1YrCancerI	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	670804.5	4343255	1.22E-06	1YrCancerI	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	671025.8	4343255	7.83E-07	1YrCancerI	7.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	671247.1	4343255	7.17E-07	1YrCancerI	7.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	671468.4	4343255	6.34E-07	1YrCancerI	6.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	671689.8	4343255	4.72E-07	1YrCancerI	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	671911.1	4343255	3.68E-07	1YrCancerI	3.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	672132.4	4343255	3.02E-07	1YrCancerI	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	672353.7	4343255	2.54E-07	1YrCancerI	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	672575	4343255	2.04E-07	1YrCancerI	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	668148.8	4343420	2.98E-07	1YrCancerI	2.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	668370.1	4343420	3.41E-07	1YrCancerI	3.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	668591.4	4343420	4.01E-07	1YrCancerI	4.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	668812.7	4343420	4.40E-07	1YrCancerI	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	669034	4343420	4.89E-07	1YrCancerI	4.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	669255.3	4343420	5.34E-07	1YrCancerI	5.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	669476.7	4343420	6.19E-07	1YrCancerI	6.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	669698	4343420	6.96E-07	1YrCancerI	6.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	669919.3	4343420	7.54E-07	1YrCancerI	7.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	670140.6	4343420	7.96E-07	1YrCancerI	7.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	670361.9	4343420	8.66E-07	1YrCancerI	8.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	670583.2	4343420	9.31E-07	1YrCancerI	9.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	670804.5	4343420	1.06E-06	1YrCancerI	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	671025.8	4343420	1.38E-06	1YrCancerI	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	671247.1	4343420	8.24E-07	1YrCancerI	8.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	671468.4	4343420	5.29E-07	1YrCancerI	5.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	671689.8	4343420	4.22E-07	1YrCancerI	4.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	671911.1	4343420	3.28E-07	1YrCancerI	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	672132.4	4343420	2.67E-07	1YrCancerI	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	672353.7	4343420	2.19E-07	1YrCancerI	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	672575	4343420	1.87E-07	1YrCancerI	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	668148.8	4343585	2.99E-07	1YrCancerI	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	668370.1	4343585	3.19E-07	1YrCancerI	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	668591.4	4343585	3.41E-07	1YrCancerI	3.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	668812.7	4343585	3.86E-07	1YrCancerI	3.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	669034	4343585	4.39E-07	1YrCancerI	4.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	669255.3	4343585	4.97E-07	1YrCancerI	4.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	669476.7	4343585	5.55E-07	1YrCancerI	5.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	669698	4343585	5.91E-07	1YrCancerI	5.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	669919.3	4343585	6.45E-07	1YrCancerI	6.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	670140.6	4343585	7.05E-07	1YrCancerI	7.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	670361.9	4343585	7.70E-07	1YrCancerI	7.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	670583.2	4343585	8.30E-07	1YrCancerI	8.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	670804.5	4343585	9.12E-07	1YrCancerI	9.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	671025.8	4343585	9.61E-07	1YrCancerI	9.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	671247.1	4343585	8.06E-07	1YrCancerI	8.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	671468.4	4343585	5.42E-07	1YrCancerI	5.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	671689.8	4343585	4.25E-07	1YrCancerI	4.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	671911.1	4343585	3.20E-07	1YrCancerI	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	672132.4	4343585	2.62E-07	1YrCancerI	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	672353.7	4343585	2.09E-07	1YrCancerI	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	672575	4343585	1.82E-07	1YrCancerI	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	668148.8	4343750	2.84E-07	1YrCancerI	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	668370.1	4343750	3.13E-07	1YrCancerI	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	668591.4	4343750	3.42E-07	1YrCancerI	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

364	ALL	668812.7	4343750	3.71E-07	1YrCancerI	3.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	669034	4343750	4.29E-07	1YrCancerI	4.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	669255.3	4343750	4.78E-07	1YrCancerI	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	669476.7	4343750	5.15E-07	1YrCancerI	5.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	669698	4343750	5.51E-07	1YrCancerI	5.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	669919.3	4343750	5.93E-07	1YrCancerI	5.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	670140.6	4343750	6.42E-07	1YrCancerI	6.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	670361.9	4343750	7.04E-07	1YrCancerI	7.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	670583.2	4343750	7.43E-07	1YrCancerI	7.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	670804.5	4343750	7.92E-07	1YrCancerI	7.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	671025.8	4343750	8.25E-07	1YrCancerI	8.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	671247.1	4343750	9.23E-07	1YrCancerI	9.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	671468.4	4343750	9.23E-07	1YrCancerI	9.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	671689.8	4343750	9.26E-07	1YrCancerI	9.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	671911.1	4343750	5.76E-07	1YrCancerI	5.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	672132.4	4343750	2.91E-07	1YrCancerI	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	672353.7	4343750	2.17E-07	1YrCancerI	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	672575	4343750	1.87E-07	1YrCancerI	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	668148.8	4343915	2.71E-07	1YrCancerI	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	668370.1	4343915	3.05E-07	1YrCancerI	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	668591.4	4343915	3.36E-07	1YrCancerI	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	668812.7	4343915	3.67E-07	1YrCancerI	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	669034	4343915	4.08E-07	1YrCancerI	4.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	669255.3	4343915	4.55E-07	1YrCancerI	4.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	669476.7	4343915	4.88E-07	1YrCancerI	4.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	669698	4343915	5.15E-07	1YrCancerI	5.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	669919.3	4343915	5.49E-07	1YrCancerI	5.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	670140.6	4343915	5.97E-07	1YrCancerI	5.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	670361.9	4343915	6.30E-07	1YrCancerI	6.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	670583.2	4343915	6.82E-07	1YrCancerI	6.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	670804.5	4343915	7.13E-07	1YrCancerI	7.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	671025.8	4343915	7.32E-07	1YrCancerI	7.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	671247.1	4343915	7.38E-07	1YrCancerI	7.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	671468.4	4343915	8.57E-07	1YrCancerI	8.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	671689.8	4343915	8.36E-07	1YrCancerI	8.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	671911.1	4343915	4.89E-07	1YrCancerI	4.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	672132.4	4343915	4.08E-07	1YrCancerI	4.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	672353.7	4343915	2.96E-07	1YrCancerI	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	672575	4343915	2.29E-07	1YrCancerI	2.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	668148.8	4344080	2.68E-07	1YrCancerI	2.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	668370.1	4344080	2.92E-07	1YrCancerI	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	668591.4	4344080	3.22E-07	1YrCancerI	3.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	668812.7	4344080	3.54E-07	1YrCancerI	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	669034	4344080	3.91E-07	1YrCancerI	3.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	669255.3	4344080	4.28E-07	1YrCancerI	4.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	669476.7	4344080	4.53E-07	1YrCancerI	4.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	669698	4344080	4.82E-07	1YrCancerI	4.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	669919.3	4344080	5.15E-07	1YrCancerI	5.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	670140.6	4344080	5.63E-07	1YrCancerI	5.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	670361.9	4344080	5.75E-07	1YrCancerI	5.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	670583.2	4344080	6.20E-07	1YrCancerI	6.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	670804.5	4344080	6.49E-07	1YrCancerI	6.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	671025.8	4344080	9.21E-07	1YrCancerI	9.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	671247.1	4344080	6.66E-07	1YrCancerI	6.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	671468.4	4344080	5.91E-07	1YrCancerI	5.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	671689.8	4344080	5.79E-07	1YrCancerI	5.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	671911.1	4344080	2.86E-07	1YrCancerI	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	672132.4	4344080	2.34E-07	1YrCancerI	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	672353.7	4344080	2.16E-07	1YrCancerI	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	672575	4344080	1.84E-07	1YrCancerI	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	671464.7	4342094	5.05E-06	1YrCancerI	5.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	671482.2	4342064	5.25E-06	1YrCancerI	5.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	671498.6	4342030	5.45E-06	1YrCancerI	5.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	671513.8	4341992	5.81E-06	1YrCancerI	5.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	671541.8	4341965	5.49E-06	1YrCancerI	5.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	671575.6	4341974	4.32E-06	1YrCancerI	4.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	671460.8	4342163	4.10E-06	1YrCancerI	4.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	671451	4342187	4.01E-06	1YrCancerI	4.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	671510.7	4342220	3.08E-06	1YrCancerI	3.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	671524.1	4342193	3.04E-06	1YrCancerI	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	671522.9	4342251	2.84E-06	1YrCancerI	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	671599.1	4342253	2.28E-06	1YrCancerI	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	671627.8	4342257	2.13E-06	1YrCancerI	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	671583.9	4342116	2.68E-06	1YrCancerI	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	671595.5	4342072	2.81E-06	1YrCancerI	2.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	671663.1	4342056	2.48E-06	1YrCancerI	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	671600.9	4342030	3.17E-06	1YrCancerI	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	671526.6	4342156	3.14E-06	1YrCancerI	3.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	671629	4342292	2.06E-06	1YrCancerI	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	671641.8	4341981	3.20E-06	1YrCancerI	3.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	671666.8	4342019	2.69E-06	1YrCancerI	2.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	671407.1	4342220	4.53E-06	1YrCancerI	4.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	671415.6	4342183	4.85E-06	1YrCancerI	4.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	671635.1	4341706	6.89E-06	1YrCancerI	6.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	671693.6	4341710	5.24E-06	1YrCancerI	5.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	671719.8	4341736	4.75E-06	1YrCancerI	4.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	671673.5	4341630	5.85E-06	1YrCancerI	5.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	671888	4341936	2.22E-06	1YrCancerI	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	671977.6	4341952	1.49E-06	1YrCancerI	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	672039.2	4341895	1.14E-06	1YrCancerI	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	671858.2	4341754	3.21E-06	1YrCancerI	3.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

455	ALL	671922.8	4341634	2.46E-06	1YrCancerI	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	671613.7	4341791	6.15E-06	1YrCancerI	6.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	671853.3	4341731	3.24E-06	1YrCancerI	3.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	671783.8	4341586	3.72E-06	1YrCancerI	3.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	671783.2	4341547	3.59E-06	1YrCancerI	3.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	671769.2	4341461	3.37E-06	1YrCancerI	3.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	671800.9	4341421	3.15E-06	1YrCancerI	3.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	671880.1	4341427	2.36E-06	1YrCancerI	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	672012.4	4341505	8.73E-07	1YrCancerI	8.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	672084.3	4341548	9.49E-07	1YrCancerI	9.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	671915.5	4341478	1.99E-06	1YrCancerI	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	671903.3	4341564	2.47E-06	1YrCancerI	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	671863.1	4341522	2.82E-06	1YrCancerI	2.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	671830.1	4341336	2.98E-06	1YrCancerI	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	671835.6	4341288	2.89E-06	1YrCancerI	2.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	671825.9	4341275	2.98E-06	1YrCancerI	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	672136.7	4341371	5.28E-07	1YrCancerI	5.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	671920.3	4341307	1.65E-06	1YrCancerI	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	671695.4	4341257	2.96E-06	1YrCancerI	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	671682	4341176	1.96E-06	1YrCancerI	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	671991.7	4341196	1.57E-06	1YrCancerI	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	672022.1	4341232	1.18E-06	1YrCancerI	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	671992.3	4341178	1.23E-06	1YrCancerI	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	671540.6	4341238	1.18E-06	1YrCancerI	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	671575.3	4341178	9.73E-07	1YrCancerI	9.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	671454.7	4341196	1.01E-06	1YrCancerI	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	671523.5	4341116	8.19E-07	1YrCancerI	8.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	671413.2	4341127	8.36E-07	1YrCancerI	8.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	671471.1	4341065	7.38E-07	1YrCancerI	7.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	671601.6	4341051	1.14E-06	1YrCancerI	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	671198.6	4341254	7.12E-07	1YrCancerI	7.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	671278.5	4341212	8.06E-07	1YrCancerI	8.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	671230.3	4341133	6.23E-07	1YrCancerI	6.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	671073.1	4341272	6.14E-07	1YrCancerI	6.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	671122.5	4341374	8.54E-07	1YrCancerI	8.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	671118.8	4341397	9.16E-07	1YrCancerI	9.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	670978.4	4341324	6.78E-07	1YrCancerI	6.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	670932.9	4341394	8.03E-07	1YrCancerI	8.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	670935.2	4341367	7.62E-07	1YrCancerI	7.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	671108	4340976	5.18E-07	1YrCancerI	5.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL	671286.7	4340979	5.62E-07	1YrCancerI	5.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	671675.4	4342489	1.23E-06	1YrCancerI	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	671091.4	4342277	7.77E-06	1YrCancerI	7.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	671051.8	4342332	5.64E-06	1YrCancerI	5.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	671051.8	4342369	5.71E-06	1YrCancerI	5.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	670953	4342361	4.94E-06	1YrCancerI	4.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	670695.7	4342236	3.99E-06	1YrCancerI	3.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	670545.5	4342319	3.61E-06	1YrCancerI	3.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	670711.7	4342488	2.89E-06	1YrCancerI	2.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	670648.3	4342502	2.41E-06	1YrCancerI	2.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	670648.3	4342631	1.39E-06	1YrCancerI	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	670806.3	4342728	2.30E-06	1YrCancerI	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	670688.2	4342739	1.28E-06	1YrCancerI	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	670804.9	4342428	3.33E-06	1YrCancerI	3.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	670439.5	4342472	2.93E-06	1YrCancerI	2.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	670358.4	4342579	2.17E-06	1YrCancerI	2.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	670546.6	4342662	2.10E-06	1YrCancerI	2.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	670537	4342595	2.11E-06	1YrCancerI	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	670483.5	4342777	1.92E-06	1YrCancerI	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	670508.2	4342755	1.93E-06	1YrCancerI	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	670517.8	4342869	1.95E-06	1YrCancerI	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	670545.3	4342851	1.79E-06	1YrCancerI	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	670582.4	4342878	1.95E-06	1YrCancerI	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	670304.9	4342689	1.68E-06	1YrCancerI	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	670039.7	4342661	2.39E-06	1YrCancerI	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	670156.5	4342673	1.78E-06	1YrCancerI	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	670236.2	4342649	1.84E-06	1YrCancerI	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	670071.3	4342738	1.52E-06	1YrCancerI	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	669990.2	4342753	1.49E-06	1YrCancerI	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	669928.4	4342742	1.50E-06	1YrCancerI	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	669815.8	4342673	1.68E-06	1YrCancerI	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	669743	4342656	1.67E-06	1YrCancerI	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	669791	4342745	1.29E-06	1YrCancerI	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	669696.3	4342731	1.28E-06	1YrCancerI	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	669536.9	4342553	1.35E-06	1YrCancerI	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	671174.9	4342280	9.19E-06	1YrCancerI	9.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	671068.4	4342170	1.32E-05	1YrCancerI	1.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	670965.7	4342179	1.03E-05	1YrCancerI	1.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	670815.5	4342198	4.79E-06	1YrCancerI	4.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	670737.6	4342098	3.11E-06	1YrCancerI	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	670762.3	4342069	3.06E-06	1YrCancerI	3.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	670817.4	4342041	3.38E-06	1YrCancerI	3.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	670895.4	4342025	4.25E-06	1YrCancerI	4.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	670979	4341915	5.34E-06	1YrCancerI	5.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	671115.9	4341864	1.09E-05	1YrCancerI	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	671199.6	4341771	1.74E-05	1YrCancerI	1.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	671222.4	4341377	1.25E-06	1YrCancerI	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	671714.8	4341392	3.83E-06	1YrCancerI	3.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	671366.9	4341999	2.41E-05	1YrCancerI	2.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	671226.2	4342236	1.09E-05	1YrCancerI	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	669098.4	4343412	4.98E-07	1YrCancerI	4.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

546	ALL	668908.6	4343365	4.69E-07	1YrCancerI	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	668851.5	4343360	4.49E-07	1YrCancerI	4.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	668831.4	4343371	4.53E-07	1YrCancerI	4.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	668733.9	4343302	3.95E-07	1YrCancerI	3.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	668686.9	4343200	3.85E-07	1YrCancerI	3.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	668671.8	4343089	3.88E-07	1YrCancerI	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	668806.2	4343002	4.16E-07	1YrCancerI	4.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	668918.7	4343025	4.49E-07	1YrCancerI	4.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	669024.5	4342943	4.96E-07	1YrCancerI	4.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	669288.2	4342916	1.06E-06	1YrCancerI	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	669333.6	4342923	1.93E-06	1YrCancerI	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	669365.5	4342978	1.51E-06	1YrCancerI	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	669337	4343151	7.00E-07	1YrCancerI	7.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL	669303.4	4343304	6.31E-07	1YrCancerI	6.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL	669222.7	4343235	5.99E-07	1YrCancerI	5.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	669135.4	4343306	5.43E-07	1YrCancerI	5.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEV	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		668148.8	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		668370.1	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		668591.4	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		668812.7	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		669034	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		669255.3	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		669476.7	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		669698	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		669919.3	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		670140.6	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		670361.9	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		670583.2	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		670804.5	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		671025.8	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		671247.1	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		671468.4	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		671689.8	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		671911.1	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		672132.4	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		672353.7	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		672575	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		668148.8	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		668370.1	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		668591.4	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		668812.7	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		669034	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		669255.3	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		669476.7	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		669698	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		669919.3	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		670140.6	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		670361.9	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		670583.2	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		670804.5	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		671025.8	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		671247.1	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		671468.4	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		671689.8	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		671911.1	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		672132.4	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		672353.7	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		672575	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		668148.8	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		668370.1	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		668591.4	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		668812.7	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		669034	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		669255.3	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		669476.7	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		669698	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		669919.3	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		670140.6	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		670361.9	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		670583.2	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		670804.5	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		671025.8	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		671247.1	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		671468.4	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		671689.8	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		671911.1	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		672132.4	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		672353.7	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		672575	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		668148.8	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL		668370.1	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL		668591.4	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL		668812.7	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		669034	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		669255.3	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		669476.7	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL		669698	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL		669919.3	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		670140.6	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL		670361.9	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL		670583.2	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL		670804.5	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		671025.8	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL		671247.1	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL		671468.4	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL		671689.8	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		671911.1	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		672132.4	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		672353.7	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL		672575	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		668148.8	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL		668370.1	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL		668591.4	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL		668812.7	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL		669034	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL		669255.3	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL		669476.7	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL		669698	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL		669919.3	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL		670140.6	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL		670361.9	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL		670583.2	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL		670804.5	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL		671025.8	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

99	ALL	671689.8	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	671911.1	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	672132.4	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	672353.7	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	672575	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	668148.8	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	668370.1	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	668591.4	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	668812.7	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	669034	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	669255.3	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	669476.7	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	669698	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	669919.3	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	670140.6	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	670361.9	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	670583.2	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	670804.5	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	671025.8	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	671689.8	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	671911.1	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	672132.4	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	672353.7	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	672575	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	668148.8	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	668370.1	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	668591.4	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	668812.7	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	669034	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	669255.3	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	669476.7	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	669698	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	669919.3	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	670140.6	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	670361.9	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	670583.2	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	670804.5	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	671025.8	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	671689.8	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	671911.1	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	672132.4	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	672353.7	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	672575	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	668148.8	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	668370.1	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	668591.4	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	668812.7	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	669034	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	669255.3	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	669476.7	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	669698	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	669919.3	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	670140.6	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	670361.9	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	670583.2	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	670804.5	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	671468.4	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	671689.8	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	671911.1	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	672132.4	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	672353.7	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	672575	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	668148.8	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	668370.1	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	668591.4	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	668812.7	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	669034	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	669255.3	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	669476.7	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	669698	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	669919.3	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	670140.6	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	670361.9	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	670583.2	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	671468.4	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	671689.8	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	671911.1	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	672132.4	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	672353.7	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	672575	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	668148.8	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	668370.1	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	668591.4	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL	668812.7	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	669034	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	669255.3	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	669476.7	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	669698	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	669919.3	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	670140.6	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	670361.9	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	670583.2	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	670804.5	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	671025.8	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	671247.1	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	671468.4	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	671689.8	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	671911.1	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	672132.4	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

198	ALL	672353.7	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	672575	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	668148.8	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	668370.1	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	668591.4	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	668812.7	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	669034	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	669255.3	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	669476.7	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	669698	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	669919.3	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	670140.6	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	670361.9	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	670583.2	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	670804.5	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	671025.8	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	671247.1	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	671468.4	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	671689.8	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	671911.1	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	672132.4	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	672353.7	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	672575	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	668148.8	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	668370.1	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	668591.4	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	668812.7	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	669034	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	669255.3	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	669476.7	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	669698	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	669919.3	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	670140.6	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	670361.9	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	670583.2	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	670804.5	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	671025.8	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	671247.1	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	671468.4	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	671689.8	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	671911.1	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	672132.4	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	672353.7	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	672575	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	668148.8	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	668370.1	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	668591.4	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	668812.7	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	669034	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	669255.3	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	669476.7	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	669698	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	669919.3	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	670140.6	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	670361.9	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	670583.2	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	670804.5	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	671025.8	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	671247.1	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	671468.4	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	671689.8	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	671911.1	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	672132.4	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	672353.7	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	672575	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	668148.8	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	668370.1	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	668591.4	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	668812.7	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	669034	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	669476.7	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	669698	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	669919.3	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	670140.6	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	670361.9	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL	670583.2	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	670804.5	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	671025.8	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	671247.1	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	671468.4	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	671689.8	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	671911.1	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	672132.4	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	672353.7	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	672575	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	668148.8	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	668370.1	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	668591.4	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	669476.7	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	669698	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	669919.3	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	670140.6	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	670361.9	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	670583.2	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	670804.5	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	671025.8	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	671247.1	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	671468.4	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	671689.8	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

297	ALL	671911.1	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	672132.4	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	672353.7	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	672575	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	668148.8	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	668370.1	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	668591.4	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	669476.7	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	669698	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	669919.3	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	670140.6	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	670361.9	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	670583.2	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	670804.5	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	671025.8	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	671247.1	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	671468.4	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	671689.8	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	671911.1	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	672132.4	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	672353.7	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	672575	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	668148.8	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	668370.1	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	668591.4	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	668812.7	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	669034	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	669255.3	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	669476.7	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	669698	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	669919.3	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	670140.6	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	670361.9	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	670583.2	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	670804.5	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	671025.8	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	671247.1	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	671468.4	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	671689.8	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	671911.1	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	672132.4	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	672353.7	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	672575	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	668148.8	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	668370.1	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	668591.4	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	668812.7	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	669034	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	669255.3	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	669476.7	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	669698	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	669919.3	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	670140.6	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	670361.9	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	670583.2	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	670804.5	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	671025.8	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	671247.1	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	671468.4	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	671689.8	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	671911.1	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	672132.4	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	672353.7	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	672575	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	668148.8	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	668370.1	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	668591.4	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL	668812.7	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	669034	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	669255.3	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	669476.7	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	669698	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	669919.3	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	670140.6	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	670361.9	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	670583.2	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	670804.5	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	671025.8	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	671247.1	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	671468.4	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	671689.8	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	671911.1	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	672132.4	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	672353.7	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	672575	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	668148.8	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	668370.1	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	668591.4	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	668812.7	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	669034	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	669255.3	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	669476.7	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	669698	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	669919.3	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	670140.6	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	670361.9	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	670583.2	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	670804.5	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	671025.8	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

396	ALL	671247.1	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	671468.4	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	671689.8	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	671911.1	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	672132.4	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	672353.7	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	672575	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	668148.8	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	668370.1	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	668591.4	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	668812.7	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	669034	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	669255.3	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	669476.7	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	669698	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	669919.3	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	670140.6	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	670361.9	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	670583.2	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	670804.5	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	671025.8	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	671247.1	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	671468.4	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	671689.8	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	671911.1	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	672132.4	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	672353.7	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	672575	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	671464.7	4342094	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	671482.2	4342064	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	671498.6	4342030	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	671513.8	4341992	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	671541.8	4341965	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	671575.6	4341974	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	671460.8	4342163	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	671451	4342187	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	671510.7	4342220	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	671524.1	4342193	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	671522.9	4342251	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	671599.1	4342253	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	671627.8	4342257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	671583.9	4342116	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	671595.5	4342072	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	671663.1	4342056	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	671600.9	4342030	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	671526.6	4342156	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	671629	4342292	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	671641.8	4341981	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	671666.8	4342019	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	671407.1	4342220	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	671415.6	4342183	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	671635.1	4341706	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	671693.6	4341710	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	671719.8	4341736	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	671673.5	4341630	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	671888	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	671977.6	4341952	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	672039.2	4341895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	671858.2	4341754	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL	671922.8	4341634	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	671613.7	4341791	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	671853.3	4341731	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	671783.8	4341586	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	671783.2	4341547	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	671769.2	4341461	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	671800.9	4341421	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	671880.1	4341427	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	672012.4	4341505	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	672084.3	4341548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	671915.5	4341478	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	671903.3	4341564	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	671863.1	4341522	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	671830.1	4341336	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	671835.6	4341288	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	671825.9	4341275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	672136.7	4341371	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	671920.3	4341307	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	671695.4	4341257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	671682	4341176	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	671991.7	4341196	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	672022.1	4341232	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	671992.3	4341178	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	671540.6	4341238	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	671575.3	4341178	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	671454.7	4341196	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	671523.5	4341116	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	671413.2	4341127	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	671471.1	4341065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	671601.6	4341051	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	671198.6	4341254	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	671278.5	4341212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	671230.3	4341133	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	671073.1	4341272	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	671122.5	4341374	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	671118.8	4341397	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	670978.4	4341324	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	670932.9	4341394	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	670935.2	4341367	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	671108	4340976	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

495	ALL	671286.7	4340979	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	671675.4	4342489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	671091.4	4342277	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	671051.8	4342332	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	671051.8	4342369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	670953	4342361	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	670695.7	4342236	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	670545.5	4342319	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	670711.7	4342488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	670648.3	4342502	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	670648.3	4342631	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	670806.3	4342728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	670688.2	4342739	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	670804.9	4342428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	670439.5	4342472	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	670358.4	4342579	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	670546.6	4342662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	670537	4342595	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	670483.5	4342777	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	670508.2	4342755	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	670517.8	4342869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	670545.3	4342851	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	670582.4	4342878	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	670304.9	4342689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	670039.7	4342661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	670156.5	4342673	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	670236.2	4342649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	670071.3	4342738	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	669990.2	4342753	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	669928.4	4342742	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	669815.8	4342673	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	669743	4342656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	669791	4342745	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	669696.3	4342731	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	669536.9	4342553	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	671174.9	4342280	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	671068.4	4342170	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	670965.7	4342179	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	670815.5	4342198	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	670737.6	4342098	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	670762.3	4342069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	670817.4	4342041	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	670895.4	4342025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	670979	4341915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	671115.9	4341864	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	671199.6	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	671222.4	4341377	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	671714.8	4341392	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	671366.9	4341999	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	671226.2	4342236	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	669098.4	4343412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	ALL	668908.6	4343365	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	668851.5	4343360	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	668831.4	4343371	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	668733.9	4343302	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	668686.9	4343200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	668671.8	4343089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	668806.2	4343002	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	668918.7	4343025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	669024.5	4342943	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	669288.2	4342916	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	669333.6	4342923	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	669365.5	4342978	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	669337	4343151	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL	669303.4	4343304	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL	669222.7	4343235	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	669135.4	4343306	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE\	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		668148.8	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-02
2	ALL		668370.1	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-02
3	ALL		668591.4	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-02
4	ALL		668812.7	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-02
5	ALL		669034	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-02
6	ALL		669255.3	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-02
7	ALL		669476.7	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-02
8	ALL		669698	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-02
9	ALL		669919.3	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-02
10	ALL		670140.6	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01
11	ALL		670361.9	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-02
12	ALL		670583.2	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-02
13	ALL		670804.5	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-02
14	ALL		671025.8	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-02
15	ALL		671247.1	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-02
16	ALL		671468.4	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-02
17	ALL		671689.8	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-01
18	ALL		671911.1	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-01
19	ALL		672132.4	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-02
20	ALL		672353.7	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01
21	ALL		672575	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-01
22	ALL		668148.8	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-02
23	ALL		668370.1	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-02
24	ALL		668591.4	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-02
25	ALL		668812.7	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-02
26	ALL		669034	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-02
27	ALL		669255.3	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-02
28	ALL		669476.7	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-02
29	ALL		669698	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-02
30	ALL		669919.3	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01
31	ALL		670140.6	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01
32	ALL		670361.9	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-01
33	ALL		670583.2	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01
34	ALL		670804.5	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-02
35	ALL		671025.8	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-02
36	ALL		671247.1	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-02
37	ALL		671468.4	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-02
38	ALL		671689.8	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-01
39	ALL		671911.1	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-01
40	ALL		672132.4	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-02
41	ALL		672353.7	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-02
42	ALL		672575	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-01
43	ALL		668148.8	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-02
44	ALL		668370.1	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-02
45	ALL		668591.4	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-02
46	ALL		668812.7	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-02
47	ALL		669034	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-02
48	ALL		669255.3	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-02
49	ALL		669476.7	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-02
50	ALL		669698	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-02
51	ALL		669919.3	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-02
52	ALL		670140.6	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-01
53	ALL		670361.9	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01
54	ALL		670583.2	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-02
55	ALL		670804.5	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-02
56	ALL		671025.8	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-02
57	ALL		671247.1	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-02
58	ALL		671468.4	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-02
59	ALL		671689.8	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-01
60	ALL		671911.1	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-01
61	ALL		672132.4	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-02
62	ALL		672353.7	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-02
63	ALL		672575	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-01
64	ALL		668148.8	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-02
65	ALL		668370.1	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-02
66	ALL		668591.4	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-02
67	ALL		668812.7	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-02
68	ALL		669034	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-02
69	ALL		669255.3	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-02
70	ALL		669476.7	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-02
71	ALL		669698	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-02
72	ALL		669919.3	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01
73	ALL		670140.6	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.39E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.39E-02
74	ALL		670361.9	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
75	ALL		670583.2	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-02
76	ALL		670804.5	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-02
77	ALL		671025.8	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-02
78	ALL		671247.1	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-02
79	ALL		671468.4	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-01
80	ALL		671689.8	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-01
81	ALL		671911.1	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-01
82	ALL		672132.4	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-02
83	ALL		672353.7	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-02
84	ALL		672575	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01
85	ALL		668148.8	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-02
86	ALL		668370.1	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-02
87	ALL		668591.4	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02
88	ALL		668812.7	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-02
89	ALL		669034	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-02
90	ALL		669255.3	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-02
91	ALL		669476.7	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-02
92	ALL		669698	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-02
93	ALL		669919.3	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-01
94	ALL		670140.6	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-02
95	ALL		670361.9	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-02
96	ALL		670583.2	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-02
97	ALL		670804.5	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-02
98	ALL		671025.8	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-02

99	ALL	671689.8	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-01
100	ALL	671911.1	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-01
101	ALL	672132.4	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-02
102	ALL	672353.7	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-02
103	ALL	672575	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01
104	ALL	668148.8	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-02
105	ALL	668370.1	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
106	ALL	668591.4	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-02
107	ALL	668812.7	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-02
108	ALL	669034	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-02
109	ALL	669255.3	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-02
110	ALL	669476.7	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-02
111	ALL	669698	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-02
112	ALL	669919.3	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01
113	ALL	670140.6	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-02
114	ALL	670361.9	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-02
115	ALL	670583.2	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-02
116	ALL	670804.5	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-02
117	ALL	671025.8	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-02
118	ALL	671689.8	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-01
119	ALL	671911.1	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-01
120	ALL	672132.4	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-02
121	ALL	672353.7	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-02
122	ALL	672575	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01
123	ALL	668148.8	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-02
124	ALL	668370.1	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-02
125	ALL	668591.4	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-02
126	ALL	668812.7	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-02
127	ALL	669034	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-02
128	ALL	669255.3	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-02
129	ALL	669476.7	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.47E-02
130	ALL	669698	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
131	ALL	669919.3	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-02
132	ALL	670140.6	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-02
133	ALL	670361.9	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-02
134	ALL	670583.2	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-02
135	ALL	670804.5	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-01
136	ALL	671025.8	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-01
137	ALL	671689.8	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-01
138	ALL	671911.1	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-01
139	ALL	672132.4	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-02
140	ALL	672353.7	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-02
141	ALL	672575	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01
142	ALL	668148.8	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-02
143	ALL	668370.1	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-02
144	ALL	668591.4	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-02
145	ALL	668812.7	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-02
146	ALL	669034	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-02
147	ALL	669255.3	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-02
148	ALL	669476.7	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-02
149	ALL	669698	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-02
150	ALL	669919.3	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02
151	ALL	670140.6	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02
152	ALL	670361.9	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-02
153	ALL	670583.2	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-01
154	ALL	670804.5	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-01
155	ALL	671468.4	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-01
156	ALL	671689.8	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
157	ALL	671911.1	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01
158	ALL	672132.4	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-02
159	ALL	672353.7	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-02
160	ALL	672575	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-01
161	ALL	668148.8	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-02
162	ALL	668370.1	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-02
163	ALL	668591.4	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-02
164	ALL	668812.7	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-02
165	ALL	669034	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-02
166	ALL	669255.3	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-02
167	ALL	669476.7	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.89E-02
168	ALL	669698	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-01
169	ALL	669919.3	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-01
170	ALL	670140.6	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-02
171	ALL	670361.9	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-01
172	ALL	670583.2	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-01
173	ALL	671468.4	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-02
174	ALL	671689.8	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-02
175	ALL	671911.1	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01
176	ALL	672132.4	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-02
177	ALL	672353.7	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-02
178	ALL	672575	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-01
179	ALL	668148.8	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-02
180	ALL	668370.1	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-02
181	ALL	668591.4	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-02
182	ALL	668812.7	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-02
183	ALL	669034	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-02
184	ALL	669255.3	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-02
185	ALL	669476.7	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-02
186	ALL	669698	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-02
187	ALL	669919.3	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01
188	ALL	670140.6	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-01
189	ALL	670361.9	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-01
190	ALL	670583.2	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-01
191	ALL	670804.5	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-01
192	ALL	671025.8	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-01
193	ALL	671247.1	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-01
194	ALL	671468.4	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.52E-02
195	ALL	671689.8	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-02
196	ALL	671911.1	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-02
197	ALL	672132.4	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-02

198	ALL	672353.7	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-02
199	ALL	672575	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-02
200	ALL	668148.8	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-02
201	ALL	668370.1	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-02
202	ALL	668591.4	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-02
203	ALL	668812.7	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-02
204	ALL	669034	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-02
205	ALL	669255.3	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-02
206	ALL	669476.7	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-02
207	ALL	669698	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-02
208	ALL	669919.3	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-02
209	ALL	670140.6	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-01
210	ALL	670361.9	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-01
211	ALL	670583.2	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-01
212	ALL	670804.5	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-01
213	ALL	671025.8	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-01
214	ALL	671247.1	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-01
215	ALL	671468.4	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-02
216	ALL	671689.8	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-02
217	ALL	671911.1	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-02
218	ALL	672132.4	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.51E-02
219	ALL	672353.7	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-01
220	ALL	672575	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-02
221	ALL	668148.8	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-02
222	ALL	668370.1	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-02
223	ALL	668591.4	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
224	ALL	668812.7	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02
225	ALL	669034	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-02
226	ALL	669255.3	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-02
227	ALL	669476.7	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-02
228	ALL	669698	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-02
229	ALL	669919.3	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.18E-02
230	ALL	670140.6	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-01
231	ALL	670361.9	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-01
232	ALL	670583.2	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-01
233	ALL	670804.5	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-01
234	ALL	671025.8	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-01
235	ALL	671247.1	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-01
236	ALL	671468.4	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-02
237	ALL	671689.8	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-02
238	ALL	671911.1	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-02
239	ALL	672132.4	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-02
240	ALL	672353.7	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
241	ALL	672575	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-02
242	ALL	668148.8	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-02
243	ALL	668370.1	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-02
244	ALL	668591.4	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-02
245	ALL	668812.7	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-02
246	ALL	669034	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-02
247	ALL	669255.3	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-02
248	ALL	669476.7	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-02
249	ALL	669698	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-02
250	ALL	669919.3	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-02
251	ALL	670140.6	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-01
252	ALL	670361.9	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-01
253	ALL	670583.2	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-01
254	ALL	670804.5	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-01
255	ALL	671025.8	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-01
256	ALL	671247.1	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-02
257	ALL	671468.4	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-02
258	ALL	671689.8	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-02
259	ALL	671911.1	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-02
260	ALL	672132.4	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-02
261	ALL	672353.7	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-01
262	ALL	672575	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-02
263	ALL	668148.8	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-02
264	ALL	668370.1	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-02
265	ALL	668591.4	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-02
266	ALL	668812.7	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-02
267	ALL	669034	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-02
268	ALL	669476.7	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-02
269	ALL	669698	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-02
270	ALL	669919.3	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-01
271	ALL	670140.6	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-01
272	ALL	670361.9	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-01
273	ALL	670583.2	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-01
274	ALL	670804.5	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-01
275	ALL	671025.8	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-02
276	ALL	671247.1	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-02
277	ALL	671468.4	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-02
278	ALL	671689.8	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-02
279	ALL	671911.1	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-02
280	ALL	672132.4	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-02
281	ALL	672353.7	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-02
282	ALL	672575	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-02
283	ALL	668148.8	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-02
284	ALL	668370.1	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-02
285	ALL	668591.4	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-02
286	ALL	669476.7	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-02
287	ALL	669698	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-02
288	ALL	669919.3	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-02
289	ALL	670140.6	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-01
290	ALL	670361.9	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01
291	ALL	670583.2	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01
292	ALL	670804.5	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-01
293	ALL	671025.8	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-02
294	ALL	671247.1	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-02
295	ALL	671468.4	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-02
296	ALL	671689.8	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-02

297	ALL	671911.1	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-02
298	ALL	672132.4	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-02
299	ALL	672353.7	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-02
300	ALL	672575	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-02
301	ALL	668148.8	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-02
302	ALL	668370.1	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-02
303	ALL	668591.4	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-02
304	ALL	669476.7	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-02
305	ALL	669698	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-02
306	ALL	669919.3	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-02
307	ALL	670140.6	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-02
308	ALL	670361.9	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-02
309	ALL	670583.2	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01
310	ALL	670804.5	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-01
311	ALL	671025.8	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-02
312	ALL	671247.1	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-02
313	ALL	671468.4	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-02
314	ALL	671689.8	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-02
315	ALL	671911.1	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-02
316	ALL	672132.4	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-02
317	ALL	672353.7	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-02
318	ALL	672575	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-02
319	ALL	668148.8	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-02
320	ALL	668370.1	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-02
321	ALL	668591.4	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-02
322	ALL	668812.7	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-02
323	ALL	669034	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-02
324	ALL	669255.3	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-02
325	ALL	669476.7	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-02
326	ALL	669698	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-02
327	ALL	669919.3	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-02
328	ALL	670140.6	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-02
329	ALL	670361.9	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-02
330	ALL	670583.2	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-02
331	ALL	670804.5	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01
332	ALL	671025.8	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-01
333	ALL	671247.1	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-02
334	ALL	671468.4	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-02
335	ALL	671689.8	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-02
336	ALL	671911.1	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-02
337	ALL	672132.4	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-02
338	ALL	672353.7	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-02
339	ALL	672575	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-02
340	ALL	668148.8	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-02
341	ALL	668370.1	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-02
342	ALL	668591.4	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-02
343	ALL	668812.7	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
344	ALL	669034	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02
345	ALL	669255.3	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-02
346	ALL	669476.7	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-02
347	ALL	669698	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-02
348	ALL	669919.3	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-02
349	ALL	670140.6	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-02
350	ALL	670361.9	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-02
351	ALL	670583.2	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-02
352	ALL	670804.5	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-02
353	ALL	671025.8	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-02
354	ALL	671247.1	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.15E-02
355	ALL	671468.4	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-02
356	ALL	671689.8	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-02
357	ALL	671911.1	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-02
358	ALL	672132.4	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-02
359	ALL	672353.7	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-02
360	ALL	672575	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-02
361	ALL	668148.8	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-02
362	ALL	668370.1	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-02
363	ALL	668591.4	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-02
364	ALL	668812.7	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-02
365	ALL	669034	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02
366	ALL	669255.3	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-02
367	ALL	669476.7	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-02
368	ALL	669698	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-02
369	ALL	669919.3	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-02
370	ALL	670140.6	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-02
371	ALL	670361.9	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-02
372	ALL	670583.2	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-02
373	ALL	670804.5	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-02
374	ALL	671025.8	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-02
375	ALL	671247.1	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-02
376	ALL	671468.4	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-02
377	ALL	671689.8	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-02
378	ALL	671911.1	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-02
379	ALL	672132.4	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-02
380	ALL	672353.7	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-02
381	ALL	672575	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-02
382	ALL	668148.8	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-02
383	ALL	668370.1	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-02
384	ALL	668591.4	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-02
385	ALL	668812.7	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-02
386	ALL	669034	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-02
387	ALL	669255.3	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-02
388	ALL	669476.7	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-02
389	ALL	669698	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-02
390	ALL	669919.3	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-02
391	ALL	670140.6	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-02
392	ALL	670361.9	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-02
393	ALL	670583.2	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-02
394	ALL	670804.5	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-02
395	ALL	671025.8	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-02

396	ALL	671247.1	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-02
397	ALL	671468.4	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-02
398	ALL	671689.8	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-02
399	ALL	671911.1	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-02
400	ALL	672132.4	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-02
401	ALL	672353.7	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-02
402	ALL	672575	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-02
403	ALL	668148.8	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-02
404	ALL	668370.1	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-02
405	ALL	668591.4	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-02
406	ALL	668812.7	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-02
407	ALL	669034	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-02
408	ALL	669255.3	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-02
409	ALL	669476.7	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-02
410	ALL	669698	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-02
411	ALL	669919.3	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02
412	ALL	670140.6	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-02
413	ALL	670361.9	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-02
414	ALL	670583.2	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-02
415	ALL	670804.5	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-02
416	ALL	671025.8	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01
417	ALL	671247.1	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-02
418	ALL	671468.4	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-02
419	ALL	671689.8	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-02
420	ALL	671911.1	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-02
421	ALL	672132.4	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-02
422	ALL	672353.7	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-02
423	ALL	672575	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-02
424	ALL	671464.7	4342094	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.99E-02
425	ALL	671482.2	4342064	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-02
426	ALL	671498.6	4342030	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.32E-02
427	ALL	671513.8	4341992	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-02
428	ALL	671541.8	4341965	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.59E-02
429	ALL	671575.6	4341974	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-02
430	ALL	671460.8	4342163	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-02
431	ALL	671451	4342187	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-02
432	ALL	671510.7	4342220	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-02
433	ALL	671524.1	4342193	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-02
434	ALL	671522.9	4342251	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-02
435	ALL	671599.1	4342253	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-02
436	ALL	671627.8	4342257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-02
437	ALL	671583.9	4342116	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-02
438	ALL	671595.5	4342072	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-02
439	ALL	671663.1	4342056	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-02
440	ALL	671600.9	4342030	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-02
441	ALL	671526.6	4342156	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-02
442	ALL	671629	4342292	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-02
443	ALL	671641.8	4341981	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-02
444	ALL	671666.8	4342019	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-02
445	ALL	671407.1	4342220	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01
446	ALL	671415.6	4342183	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01
447	ALL	671635.1	4341706	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-01
448	ALL	671693.6	4341710	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-01
449	ALL	671719.8	4341736	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-01
450	ALL	671673.5	4341630	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-01
451	ALL	671888	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-01
452	ALL	671977.6	4341952	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-02
453	ALL	672039.2	4341895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-02
454	ALL	671858.2	4341754	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-01
455	ALL	671922.8	4341634	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-01
456	ALL	671613.7	4341791	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-01
457	ALL	671853.3	4341731	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-01
458	ALL	671783.8	4341586	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-01
459	ALL	671783.2	4341547	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-01
460	ALL	671769.2	4341461	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-01
461	ALL	671800.9	4341421	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-01
462	ALL	671880.1	4341427	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-01
463	ALL	672012.4	4341505	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-02
464	ALL	672084.3	4341548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-02
465	ALL	671915.5	4341478	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-01
466	ALL	671903.3	4341564	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-01
467	ALL	671863.1	4341522	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-01
468	ALL	671830.1	4341336	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-01
469	ALL	671835.6	4341288	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-01
470	ALL	671825.9	4341275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-01
471	ALL	672136.7	4341371	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-02
472	ALL	671920.3	4341307	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-01
473	ALL	671695.4	4341257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-01
474	ALL	671682	4341176	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-01
475	ALL	671991.7	4341196	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-01
476	ALL	672022.1	4341232	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01
477	ALL	671992.3	4341178	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
478	ALL	671540.6	4341238	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-01
479	ALL	671575.3	4341178	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01
480	ALL	671454.7	4341196	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01
481	ALL	671523.5	4341116	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-02
482	ALL	671413.2	4341127	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-02
483	ALL	671471.1	4341065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-02
484	ALL	671601.6	4341051	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-01
485	ALL	671198.6	4341254	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
486	ALL	671278.5	4341212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.58E-02
487	ALL	671230.3	4341133	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-02
488	ALL	671073.1	4341272	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-02
489	ALL	671122.5	4341374	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-02
490	ALL	671118.8	4341397	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-02
491	ALL	670978.4	4341324	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-02
492	ALL	670932.9	4341394	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-02
493	ALL	670935.2	4341367	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-02
494	ALL	671108	4340976	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-02

495	ALL	671286.7	4340979	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-02
496	ALL	671675.4	4342489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-02
497	ALL	671091.4	4342277	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-01
498	ALL	671051.8	4342332	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-01
499	ALL	671051.8	4342369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-01
500	ALL	670953	4342361	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-01
501	ALL	670695.7	4342236	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-01
502	ALL	670545.5	4342319	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-01
503	ALL	670711.7	4342488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-01
504	ALL	670648.3	4342502	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-01
505	ALL	670648.3	4342631	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
506	ALL	670806.3	4342728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-01
507	ALL	670688.2	4342739	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-02
508	ALL	670804.9	4342428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-01
509	ALL	670439.5	4342472	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-01
510	ALL	670358.4	4342579	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-01
511	ALL	670546.6	4342662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-01
512	ALL	670537	4342595	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-01
513	ALL	670483.5	4342777	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-01
514	ALL	670508.2	4342755	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-01
515	ALL	670517.8	4342869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-01
516	ALL	670545.3	4342851	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-01
517	ALL	670582.4	4342878	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-01
518	ALL	670304.9	4342689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-01
519	ALL	670039.7	4342661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01
520	ALL	670156.5	4342673	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-01
521	ALL	670236.2	4342649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-01
522	ALL	670071.3	4342738	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01
523	ALL	669990.2	4342753	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.88E-02
524	ALL	669928.4	4342742	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-02
525	ALL	669815.8	4342673	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-02
526	ALL	669743	4342656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-02
527	ALL	669791	4342745	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-02
528	ALL	669696.3	4342731	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-02
529	ALL	669536.9	4342553	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-02
530	ALL	671174.9	4342280	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-01
531	ALL	671068.4	4342170	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-01
532	ALL	670965.7	4342179	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-01
533	ALL	670815.5	4342198	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-01
534	ALL	670737.6	4342098	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-01
535	ALL	670762.3	4342069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-01
536	ALL	670817.4	4342041	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-01
537	ALL	670895.4	4342025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-01
538	ALL	670979	4341915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-01
539	ALL	671115.9	4341864	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-01
540	ALL	671199.6	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-01
541	ALL	671222.4	4341377	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-02
542	ALL	671714.8	4341392	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-01
543	ALL	671366.9	4341999	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-01
544	ALL	671226.2	4342236	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-01
545	ALL	669098.4	4343412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-02
546	ALL	668908.6	4343365	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-02
547	ALL	668851.5	4343360	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-02
548	ALL	668831.4	4343371	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-02
549	ALL	668733.9	4343302	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-02
550	ALL	668686.9	4343200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-02
551	ALL	668671.8	4343089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-02
552	ALL	668806.2	4343002	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-02
553	ALL	668918.7	4343025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-02
554	ALL	669024.5	4342943	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-02
555	ALL	669288.2	4342916	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-02
556	ALL	669333.6	4342923	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-02
557	ALL	669365.5	4342978	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-02
558	ALL	669337	4343151	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-02
559	ALL	669303.4	4343304	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-02
560	ALL	669222.7	4343235	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-02
561	ALL	669135.4	4343306	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-02

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISI	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		668148.8	4340781	2.74E-07	1YrCancerI	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		668370.1	4340781	3.05E-07	1YrCancerI	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		668591.4	4340781	3.34E-07	1YrCancerI	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		668812.7	4340781	3.57E-07	1YrCancerI	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		669034	4340781	3.94E-07	1YrCancerI	3.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		669255.3	4340781	4.39E-07	1YrCancerI	4.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		669476.7	4340781	4.84E-07	1YrCancerI	4.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		669698	4340781	5.42E-07	1YrCancerI	5.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		669919.3	4340781	6.84E-07	1YrCancerI	6.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		670140.6	4340781	7.94E-07	1YrCancerI	7.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		670361.9	4340781	7.73E-07	1YrCancerI	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		670583.2	4340781	5.34E-07	1YrCancerI	5.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		670804.5	4340781	5.35E-07	1YrCancerI	5.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		671025.8	4340781	4.47E-07	1YrCancerI	4.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		671247.1	4340781	4.53E-07	1YrCancerI	4.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		671468.4	4340781	6.16E-07	1YrCancerI	6.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		671689.8	4340781	9.06E-07	1YrCancerI	9.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		671911.1	4340781	8.63E-07	1YrCancerI	8.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		672132.4	4340781	4.48E-07	1YrCancerI	4.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		672353.7	4340781	8.25E-07	1YrCancerI	8.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		672575	4340781	1.06E-06	1YrCancerI	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		668148.8	4340946	2.70E-07	1YrCancerI	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		668370.1	4340946	3.03E-07	1YrCancerI	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		668591.4	4340946	3.31E-07	1YrCancerI	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		668812.7	4340946	3.60E-07	1YrCancerI	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		669034	4340946	4.10E-07	1YrCancerI	4.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		669255.3	4340946	4.51E-07	1YrCancerI	4.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		669476.7	4340946	4.99E-07	1YrCancerI	4.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		669698	4340946	5.74E-07	1YrCancerI	5.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		669919.3	4340946	8.11E-07	1YrCancerI	8.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		670140.6	4340946	8.51E-07	1YrCancerI	8.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		670361.9	4340946	8.98E-07	1YrCancerI	8.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		670583.2	4340946	8.54E-07	1YrCancerI	8.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		670804.5	4340946	5.47E-07	1YrCancerI	5.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		671025.8	4340946	4.33E-07	1YrCancerI	4.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		671247.1	4340946	4.41E-07	1YrCancerI	4.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		671468.4	4340946	5.53E-07	1YrCancerI	5.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		671689.8	4340946	1.15E-06	1YrCancerI	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		671911.1	4340946	1.36E-06	1YrCancerI	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		672132.4	4340946	4.12E-07	1YrCancerI	4.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		672353.7	4340946	5.52E-07	1YrCancerI	5.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		672575	4340946	1.03E-06	1YrCancerI	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		668148.8	4341111	2.74E-07	1YrCancerI	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		668370.1	4341111	2.96E-07	1YrCancerI	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		668591.4	4341111	3.37E-07	1YrCancerI	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		668812.7	4341111	3.72E-07	1YrCancerI	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		669034	4341111	4.15E-07	1YrCancerI	4.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		669255.3	4341111	4.52E-07	1YrCancerI	4.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		669476.7	4341111	5.20E-07	1YrCancerI	5.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		669698	4341111	5.98E-07	1YrCancerI	5.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		669919.3	4341111	6.83E-07	1YrCancerI	6.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		670140.6	4341111	9.28E-07	1YrCancerI	9.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		670361.9	4341111	8.55E-07	1YrCancerI	8.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		670583.2	4341111	6.07E-07	1YrCancerI	6.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		670804.5	4341111	4.37E-07	1YrCancerI	4.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		671025.8	4341111	3.96E-07	1YrCancerI	3.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		671247.1	4341111	5.05E-07	1YrCancerI	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		671468.4	4341111	6.44E-07	1YrCancerI	6.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		671689.8	4341111	1.86E-06	1YrCancerI	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		671911.1	4341111	1.48E-06	1YrCancerI	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		672132.4	4341111	3.92E-07	1YrCancerI	3.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		672353.7	4341111	3.56E-07	1YrCancerI	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		672575	4341111	1.04E-06	1YrCancerI	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		668148.8	4341276	2.82E-07	1YrCancerI	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL		668370.1	4341276	3.08E-07	1YrCancerI	3.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL		668591.4	4341276	3.46E-07	1YrCancerI	3.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL		668812.7	4341276	3.88E-07	1YrCancerI	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		669034	4341276	4.34E-07	1YrCancerI	4.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		669255.3	4341276	4.81E-07	1YrCancerI	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		669476.7	4341276	5.37E-07	1YrCancerI	5.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL		669698	4341276	6.13E-07	1YrCancerI	6.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL		669919.3	4341276	8.66E-07	1YrCancerI	8.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		670140.6	4341276	7.56E-07	1YrCancerI	7.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL		670361.9	4341276	6.50E-07	1YrCancerI	6.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL		670583.2	4341276	4.47E-07	1YrCancerI	4.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL		670804.5	4341276	4.36E-07	1YrCancerI	4.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		671025.8	4341276	4.16E-07	1YrCancerI	4.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL		671247.1	4341276	6.61E-07	1YrCancerI	6.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL		671468.4	4341276	1.81E-06	1YrCancerI	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL		671689.8	4341276	2.87E-06	1YrCancerI	2.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		671911.1	4341276	1.79E-06	1YrCancerI	1.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		672132.4	4341276	4.14E-07	1YrCancerI	4.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		672353.7	4341276	3.02E-07	1YrCancerI	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL		672575	4341276	1.00E-06	1YrCancerI	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		668148.8	4341441	2.84E-07	1YrCancerI	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL		668370.1	4341441	3.16E-07	1YrCancerI	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL		668591.4	4341441	3.52E-07	1YrCancerI	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL		668812.7	4341441	3.96E-07	1YrCancerI	3.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL		669034	4341441	4.41E-07	1YrCancerI	4.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL		669255.3	4341441	4.88E-07	1YrCancerI	4.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

91	ALL	669476.7	4341441	5.53E-07	1YrCancerI	5.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	669698	4341441	6.40E-07	1YrCancerI	6.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	669919.3	4341441	8.72E-07	1YrCancerI	8.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	670140.6	4341441	6.58E-07	1YrCancerI	6.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	670361.9	4341441	5.53E-07	1YrCancerI	5.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	670583.2	4341441	4.63E-07	1YrCancerI	4.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	670804.5	4341441	5.83E-07	1YrCancerI	5.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	671025.8	4341441	5.30E-07	1YrCancerI	5.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	671689.8	4341441	3.43E-06	1YrCancerI	3.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	671911.1	4341441	1.67E-06	1YrCancerI	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	672132.4	4341441	4.33E-07	1YrCancerI	4.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	672353.7	4341441	4.44E-07	1YrCancerI	4.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	672575	4341441	8.29E-07	1YrCancerI	8.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	668148.8	4341606	2.97E-07	1YrCancerI	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	668370.1	4341606	3.27E-07	1YrCancerI	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	668591.4	4341606	3.61E-07	1YrCancerI	3.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	668812.7	4341606	4.00E-07	1YrCancerI	4.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	669034	4341606	4.43E-07	1YrCancerI	4.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	669255.3	4341606	4.98E-07	1YrCancerI	4.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	669476.7	4341606	5.66E-07	1YrCancerI	5.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	669698	4341606	6.51E-07	1YrCancerI	6.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	669919.3	4341606	8.27E-07	1YrCancerI	8.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	670140.6	4341606	7.40E-07	1YrCancerI	7.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	670361.9	4341606	5.17E-07	1YrCancerI	5.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	670583.2	4341606	5.20E-07	1YrCancerI	5.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	670804.5	4341606	8.98E-07	1YrCancerI	8.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	671025.8	4341606	8.62E-07	1YrCancerI	8.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	671689.8	4341606	3.72E-06	1YrCancerI	3.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	671911.1	4341606	1.95E-06	1YrCancerI	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	672132.4	4341606	7.21E-07	1YrCancerI	7.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	672353.7	4341606	5.87E-07	1YrCancerI	5.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	672575	4341606	8.54E-07	1YrCancerI	8.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	668148.8	4341771	2.92E-07	1YrCancerI	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	668370.1	4341771	3.32E-07	1YrCancerI	3.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	668591.4	4341771	3.58E-07	1YrCancerI	3.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	668812.7	4341771	4.00E-07	1YrCancerI	4.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	669034	4341771	4.51E-07	1YrCancerI	4.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	669255.3	4341771	5.12E-07	1YrCancerI	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	669476.7	4341771	5.79E-07	1YrCancerI	5.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	669698	4341771	8.24E-07	1YrCancerI	8.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	669919.3	4341771	7.66E-07	1YrCancerI	7.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	670140.6	4341771	6.41E-07	1YrCancerI	6.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	670361.9	4341771	4.69E-07	1YrCancerI	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	670583.2	4341771	7.04E-07	1YrCancerI	7.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	670804.5	4341771	2.04E-06	1YrCancerI	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	671025.8	4341771	3.56E-06	1YrCancerI	3.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	671689.8	4341771	2.50E-06	1YrCancerI	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	671911.1	4341771	1.84E-06	1YrCancerI	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	672132.4	4341771	5.09E-07	1YrCancerI	5.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	672353.7	4341771	3.41E-07	1YrCancerI	3.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	672575	4341771	8.28E-07	1YrCancerI	8.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	668148.8	4341936	2.81E-07	1YrCancerI	2.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	668370.1	4341936	3.16E-07	1YrCancerI	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	668591.4	4341936	3.59E-07	1YrCancerI	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	668812.7	4341936	4.05E-07	1YrCancerI	4.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	669034	4341936	4.59E-07	1YrCancerI	4.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	669255.3	4341936	5.16E-07	1YrCancerI	5.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	669476.7	4341936	7.55E-07	1YrCancerI	7.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	669698	4341936	6.62E-07	1YrCancerI	6.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	669919.3	4341936	4.67E-07	1YrCancerI	4.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	670140.6	4341936	4.84E-07	1YrCancerI	4.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	670361.9	4341936	5.75E-07	1YrCancerI	5.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	670583.2	4341936	1.42E-06	1YrCancerI	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	670804.5	4341936	2.19E-06	1YrCancerI	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	671468.4	4341936	3.84E-06	1YrCancerI	3.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	671689.8	4341936	1.49E-06	1YrCancerI	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	671911.1	4341936	1.26E-06	1YrCancerI	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	672132.4	4341936	4.55E-07	1YrCancerI	4.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	672353.7	4341936	2.97E-07	1YrCancerI	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	672575	4341936	9.27E-07	1YrCancerI	9.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	668148.8	4342101	2.86E-07	1YrCancerI	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	668370.1	4342101	3.26E-07	1YrCancerI	3.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	668591.4	4342101	3.68E-07	1YrCancerI	3.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	668812.7	4342101	4.10E-07	1YrCancerI	4.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	669034	4342101	4.61E-07	1YrCancerI	4.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	669255.3	4342101	5.21E-07	1YrCancerI	5.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	669476.7	4342101	7.50E-07	1YrCancerI	7.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	669698	4342101	8.28E-07	1YrCancerI	8.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	669919.3	4342101	8.51E-07	1YrCancerI	8.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	670140.6	4342101	6.87E-07	1YrCancerI	6.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	670361.9	4342101	1.36E-06	1YrCancerI	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	670583.2	4342101	1.55E-06	1YrCancerI	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	671468.4	4342101	1.83E-06	1YrCancerI	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	671689.8	4342101	1.00E-06	1YrCancerI	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	671911.1	4342101	9.95E-07	1YrCancerI	9.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	672132.4	4342101	5.47E-07	1YrCancerI	5.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	672353.7	4342101	3.36E-07	1YrCancerI	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	672575	4342101	9.07E-07	1YrCancerI	9.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	668148.8	4342266	2.89E-07	1YrCancerI	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	668370.1	4342266	3.30E-07	1YrCancerI	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	668591.4	4342266	3.49E-07	1YrCancerI	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

182	ALL	668812.7	4342266	3.91E-07	1YrCancerI	3.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	669034	4342266	4.41E-07	1YrCancerI	4.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	669255.3	4342266	5.11E-07	1YrCancerI	5.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	669476.7	4342266	5.91E-07	1YrCancerI	5.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	669698	4342266	6.91E-07	1YrCancerI	6.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	669919.3	4342266	8.08E-07	1YrCancerI	8.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	670140.6	4342266	9.70E-07	1YrCancerI	9.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	670361.9	4342266	1.22E-06	1YrCancerI	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	670583.2	4342266	1.90E-06	1YrCancerI	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	670804.5	4342266	2.56E-06	1YrCancerI	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	671025.8	4342266	4.23E-06	1YrCancerI	4.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	671247.1	4342266	5.10E-06	1YrCancerI	5.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	671468.4	4342266	1.47E-06	1YrCancerI	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	671689.8	4342266	9.53E-07	1YrCancerI	9.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	671911.1	4342266	7.58E-07	1YrCancerI	7.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	672132.4	4342266	8.50E-07	1YrCancerI	8.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	672353.7	4342266	6.76E-07	1YrCancerI	6.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	672575	4342266	7.48E-07	1YrCancerI	7.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	668148.8	4342431	2.70E-07	1YrCancerI	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	668370.1	4342431	3.13E-07	1YrCancerI	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	668591.4	4342431	3.27E-07	1YrCancerI	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	668812.7	4342431	3.60E-07	1YrCancerI	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	669034	4342431	4.03E-07	1YrCancerI	4.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	669255.3	4342431	4.66E-07	1YrCancerI	4.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	669476.7	4342431	5.76E-07	1YrCancerI	5.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	669698	4342431	6.84E-07	1YrCancerI	6.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	669919.3	4342431	8.05E-07	1YrCancerI	8.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	670140.6	4342431	1.01E-06	1YrCancerI	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	670361.9	4342431	1.60E-06	1YrCancerI	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	670583.2	4342431	1.65E-06	1YrCancerI	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	670804.5	4342431	2.30E-06	1YrCancerI	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	671025.8	4342431	3.81E-06	1YrCancerI	3.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	671247.1	4342431	1.55E-06	1YrCancerI	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	671468.4	4342431	1.05E-06	1YrCancerI	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	671689.8	4342431	7.27E-07	1YrCancerI	7.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	671911.1	4342431	6.22E-07	1YrCancerI	6.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	672132.4	4342431	8.01E-07	1YrCancerI	8.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	672353.7	4342431	8.17E-07	1YrCancerI	8.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	672575	4342431	7.04E-07	1YrCancerI	7.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	668148.8	4342596	2.73E-07	1YrCancerI	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	668370.1	4342596	2.94E-07	1YrCancerI	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	668591.4	4342596	3.24E-07	1YrCancerI	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	668812.7	4342596	3.57E-07	1YrCancerI	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	669034	4342596	4.05E-07	1YrCancerI	4.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	669255.3	4342596	4.79E-07	1YrCancerI	4.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	669476.7	4342596	6.58E-07	1YrCancerI	6.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	669698	4342596	1.02E-06	1YrCancerI	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	669919.3	4342596	1.08E-06	1YrCancerI	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	670140.6	4342596	1.26E-06	1YrCancerI	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	670361.9	4342596	1.27E-06	1YrCancerI	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	670583.2	4342596	1.38E-06	1YrCancerI	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	670804.5	4342596	2.38E-06	1YrCancerI	2.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	671025.8	4342596	3.02E-06	1YrCancerI	3.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	671247.1	4342596	1.99E-06	1YrCancerI	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	671468.4	4342596	7.37E-07	1YrCancerI	7.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	671689.8	4342596	4.83E-07	1YrCancerI	4.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	671911.1	4342596	3.88E-07	1YrCancerI	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	672132.4	4342596	4.95E-07	1YrCancerI	4.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	672353.7	4342596	8.62E-07	1YrCancerI	8.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	672575	4342596	6.47E-07	1YrCancerI	6.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	668148.8	4342761	2.79E-07	1YrCancerI	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	668370.1	4342761	3.08E-07	1YrCancerI	3.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	668591.4	4342761	3.27E-07	1YrCancerI	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	668812.7	4342761	3.66E-07	1YrCancerI	3.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	669034	4342761	4.21E-07	1YrCancerI	4.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	669255.3	4342761	5.07E-07	1YrCancerI	5.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	669476.7	4342761	8.88E-07	1YrCancerI	8.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	669698	4342761	7.35E-07	1YrCancerI	7.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	669919.3	4342761	8.40E-07	1YrCancerI	8.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	670140.6	4342761	1.21E-06	1YrCancerI	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	670361.9	4342761	1.55E-06	1YrCancerI	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	670583.2	4342761	1.24E-06	1YrCancerI	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	670804.5	4342761	1.78E-06	1YrCancerI	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	671025.8	4342761	1.82E-06	1YrCancerI	1.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	671247.1	4342761	8.62E-07	1YrCancerI	8.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	671468.4	4342761	6.01E-07	1YrCancerI	6.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	671689.8	4342761	4.47E-07	1YrCancerI	4.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	671911.1	4342761	3.10E-07	1YrCancerI	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	672132.4	4342761	3.46E-07	1YrCancerI	3.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	672353.7	4342761	8.51E-07	1YrCancerI	8.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	672575	4342761	6.98E-07	1YrCancerI	6.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	668148.8	4342926	2.78E-07	1YrCancerI	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	668370.1	4342926	3.04E-07	1YrCancerI	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	668591.4	4342926	3.35E-07	1YrCancerI	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	668812.7	4342926	3.67E-07	1YrCancerI	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	669034	4342926	4.14E-07	1YrCancerI	4.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	669476.7	4342926	6.85E-07	1YrCancerI	6.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	669698	4342926	6.65E-07	1YrCancerI	6.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	669919.3	4342926	9.11E-07	1YrCancerI	9.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	670140.6	4342926	1.27E-06	1YrCancerI	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	670361.9	4342926	1.45E-06	1YrCancerI	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

273	ALL	670583.2	4342926	1.68E-06	1YrCancerI	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	670804.5	4342926	2.00E-06	1YrCancerI	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	671025.8	4342926	6.83E-07	1YrCancerI	6.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	671247.1	4342926	6.85E-07	1YrCancerI	6.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	671468.4	4342926	4.60E-07	1YrCancerI	4.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	671689.8	4342926	3.74E-07	1YrCancerI	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	671911.1	4342926	2.84E-07	1YrCancerI	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	672132.4	4342926	2.29E-07	1YrCancerI	2.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	672353.7	4342926	4.03E-07	1YrCancerI	4.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	672575	4342926	7.05E-07	1YrCancerI	7.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	668148.8	4343090	2.62E-07	1YrCancerI	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	668370.1	4343090	2.89E-07	1YrCancerI	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	668591.4	4343090	3.33E-07	1YrCancerI	3.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	669476.7	4343090	5.42E-07	1YrCancerI	5.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	669698	4343090	6.05E-07	1YrCancerI	6.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	669919.3	4343090	6.98E-07	1YrCancerI	6.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	670140.6	4343090	9.48E-07	1YrCancerI	9.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	670361.9	4343090	9.20E-07	1YrCancerI	9.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	670583.2	4343090	1.01E-06	1YrCancerI	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	670804.5	4343090	1.55E-06	1YrCancerI	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	671025.8	4343090	5.64E-07	1YrCancerI	5.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	671247.1	4343090	5.32E-07	1YrCancerI	5.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	671468.4	4343090	3.98E-07	1YrCancerI	3.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	671689.8	4343090	3.12E-07	1YrCancerI	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	671911.1	4343090	2.49E-07	1YrCancerI	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	672132.4	4343090	2.10E-07	1YrCancerI	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	672353.7	4343090	1.73E-07	1YrCancerI	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	672575	4343090	2.30E-07	1YrCancerI	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	668148.8	4343255	2.65E-07	1YrCancerI	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	668370.1	4343255	3.05E-07	1YrCancerI	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	668591.4	4343255	3.24E-07	1YrCancerI	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	669476.7	4343255	5.25E-07	1YrCancerI	5.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	669698	4343255	6.12E-07	1YrCancerI	6.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	669919.3	4343255	6.87E-07	1YrCancerI	6.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	670140.6	4343255	7.66E-07	1YrCancerI	7.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	670361.9	4343255	8.07E-07	1YrCancerI	8.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	670583.2	4343255	8.45E-07	1YrCancerI	8.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	670804.5	4343255	9.51E-07	1YrCancerI	9.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	671025.8	4343255	5.05E-07	1YrCancerI	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	671247.1	4343255	4.26E-07	1YrCancerI	4.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	671468.4	4343255	3.72E-07	1YrCancerI	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	671689.8	4343255	2.70E-07	1YrCancerI	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	671911.1	4343255	2.21E-07	1YrCancerI	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	672132.4	4343255	1.93E-07	1YrCancerI	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	672353.7	4343255	1.72E-07	1YrCancerI	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	672575	4343255	1.41E-07	1YrCancerI	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	668148.8	4343420	2.67E-07	1YrCancerI	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	668370.1	4343420	3.07E-07	1YrCancerI	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	668591.4	4343420	3.60E-07	1YrCancerI	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	668812.7	4343420	3.88E-07	1YrCancerI	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	669034	4343420	4.15E-07	1YrCancerI	4.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	669255.3	4343420	4.24E-07	1YrCancerI	4.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	669476.7	4343420	4.80E-07	1YrCancerI	4.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	669698	4343420	5.44E-07	1YrCancerI	5.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	669919.3	4343420	5.95E-07	1YrCancerI	5.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	670140.6	4343420	6.27E-07	1YrCancerI	6.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	670361.9	4343420	6.83E-07	1YrCancerI	6.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	670583.2	4343420	7.28E-07	1YrCancerI	7.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	670804.5	4343420	8.28E-07	1YrCancerI	8.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	671025.8	4343420	1.14E-06	1YrCancerI	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	671247.1	4343420	5.78E-07	1YrCancerI	5.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	671468.4	4343420	3.17E-07	1YrCancerI	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	671689.8	4343420	2.50E-07	1YrCancerI	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	671911.1	4343420	1.99E-07	1YrCancerI	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	672132.4	4343420	1.71E-07	1YrCancerI	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	672353.7	4343420	1.46E-07	1YrCancerI	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	672575	4343420	1.29E-07	1YrCancerI	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	668148.8	4343585	2.69E-07	1YrCancerI	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	668370.1	4343585	2.84E-07	1YrCancerI	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	668591.4	4343585	3.00E-07	1YrCancerI	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	668812.7	4343585	3.34E-07	1YrCancerI	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	669034	4343585	3.69E-07	1YrCancerI	3.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	669255.3	4343585	4.02E-07	1YrCancerI	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	669476.7	4343585	4.40E-07	1YrCancerI	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	669698	4343585	4.66E-07	1YrCancerI	4.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	669919.3	4343585	5.10E-07	1YrCancerI	5.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	670140.6	4343585	5.59E-07	1YrCancerI	5.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	670361.9	4343585	6.12E-07	1YrCancerI	6.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	670583.2	4343585	6.55E-07	1YrCancerI	6.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	670804.5	4343585	7.16E-07	1YrCancerI	7.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	671025.8	4343585	7.48E-07	1YrCancerI	7.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	671247.1	4343585	6.02E-07	1YrCancerI	6.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	671468.4	4343585	3.58E-07	1YrCancerI	3.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	671689.8	4343585	2.71E-07	1YrCancerI	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	671911.1	4343585	2.03E-07	1YrCancerI	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	672132.4	4343585	1.73E-07	1YrCancerI	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	672353.7	4343585	1.41E-07	1YrCancerI	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	672575	4343585	1.28E-07	1YrCancerI	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	668148.8	4343750	2.54E-07	1YrCancerI	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	668370.1	4343750	2.78E-07	1YrCancerI	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	668591.4	4343750	3.01E-07	1YrCancerI	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

364	ALL	668812.7	4343750	3.21E-07	1YrCancerI	3.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	669034	4343750	3.62E-07	1YrCancerI	3.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	669255.3	4343750	3.92E-07	1YrCancerI	3.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	669476.7	4343750	4.15E-07	1YrCancerI	4.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	669698	4343750	4.42E-07	1YrCancerI	4.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	669919.3	4343750	4.75E-07	1YrCancerI	4.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	670140.6	4343750	5.14E-07	1YrCancerI	5.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	670361.9	4343750	5.65E-07	1YrCancerI	5.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	670583.2	4343750	5.89E-07	1YrCancerI	5.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	670804.5	4343750	6.23E-07	1YrCancerI	6.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	671025.8	4343750	6.44E-07	1YrCancerI	6.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	671247.1	4343750	7.41E-07	1YrCancerI	7.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	671468.4	4343750	7.53E-07	1YrCancerI	7.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	671689.8	4343750	7.76E-07	1YrCancerI	7.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	671911.1	4343750	4.60E-07	1YrCancerI	4.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	672132.4	4343750	2.04E-07	1YrCancerI	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	672353.7	4343750	1.52E-07	1YrCancerI	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	672575	4343750	1.36E-07	1YrCancerI	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	668148.8	4343915	2.42E-07	1YrCancerI	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	668370.1	4343915	2.70E-07	1YrCancerI	2.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	668591.4	4343915	2.94E-07	1YrCancerI	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	668812.7	4343915	3.17E-07	1YrCancerI	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	669034	4343915	3.45E-07	1YrCancerI	3.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	669255.3	4343915	3.78E-07	1YrCancerI	3.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	669476.7	4343915	3.99E-07	1YrCancerI	3.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	669698	4343915	4.18E-07	1YrCancerI	4.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	669919.3	4343915	4.44E-07	1YrCancerI	4.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	670140.6	4343915	4.83E-07	1YrCancerI	4.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	670361.9	4343915	5.06E-07	1YrCancerI	5.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	670583.2	4343915	5.46E-07	1YrCancerI	5.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	670804.5	4343915	5.66E-07	1YrCancerI	5.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	671025.8	4343915	5.76E-07	1YrCancerI	5.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	671247.1	4343915	5.80E-07	1YrCancerI	5.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	671468.4	4343915	7.11E-07	1YrCancerI	7.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	671689.8	4343915	7.08E-07	1YrCancerI	7.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	671911.1	4343915	3.87E-07	1YrCancerI	3.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	672132.4	4343915	3.23E-07	1YrCancerI	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	672353.7	4343915	2.29E-07	1YrCancerI	2.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	672575	4343915	1.77E-07	1YrCancerI	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	668148.8	4344080	2.40E-07	1YrCancerI	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	668370.1	4344080	2.58E-07	1YrCancerI	2.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	668591.4	4344080	2.82E-07	1YrCancerI	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	668812.7	4344080	3.06E-07	1YrCancerI	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	669034	4344080	3.32E-07	1YrCancerI	3.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	669255.3	4344080	3.57E-07	1YrCancerI	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	669476.7	4344080	3.74E-07	1YrCancerI	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	669698	4344080	3.95E-07	1YrCancerI	3.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	669919.3	4344080	4.21E-07	1YrCancerI	4.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	670140.6	4344080	4.61E-07	1YrCancerI	4.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	670361.9	4344080	4.64E-07	1YrCancerI	4.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	670583.2	4344080	5.00E-07	1YrCancerI	5.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	670804.5	4344080	5.19E-07	1YrCancerI	5.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	671025.8	4344080	7.86E-07	1YrCancerI	7.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	671247.1	4344080	5.30E-07	1YrCancerI	5.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	671468.4	4344080	4.61E-07	1YrCancerI	4.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	671689.8	4344080	4.70E-07	1YrCancerI	4.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	671911.1	4344080	1.99E-07	1YrCancerI	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	672132.4	4344080	1.64E-07	1YrCancerI	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	672353.7	4344080	1.58E-07	1YrCancerI	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	672575	4344080	1.37E-07	1YrCancerI	1.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	671464.7	4342094	1.93E-06	1YrCancerI	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	671482.2	4342064	2.00E-06	1YrCancerI	2.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	671498.6	4342030	2.06E-06	1YrCancerI	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	671513.8	4341992	2.19E-06	1YrCancerI	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	671541.8	4341965	2.08E-06	1YrCancerI	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	671575.6	4341974	1.66E-06	1YrCancerI	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	671460.8	4342163	1.61E-06	1YrCancerI	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	671451	4342187	1.60E-06	1YrCancerI	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	671510.7	4342220	1.29E-06	1YrCancerI	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	671524.1	4342193	1.25E-06	1YrCancerI	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	671522.9	4342251	1.24E-06	1YrCancerI	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	671599.1	4342253	1.05E-06	1YrCancerI	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	671627.8	4342257	1.02E-06	1YrCancerI	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	671583.9	4342116	1.07E-06	1YrCancerI	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	671595.5	4342072	1.11E-06	1YrCancerI	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	671663.1	4342056	1.05E-06	1YrCancerI	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	671600.9	4342030	1.25E-06	1YrCancerI	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	671526.6	4342156	1.25E-06	1YrCancerI	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	671629	4342292	1.02E-06	1YrCancerI	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	671641.8	4341981	1.32E-06	1YrCancerI	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	671666.8	4342019	1.15E-06	1YrCancerI	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	671407.1	4342220	1.85E-06	1YrCancerI	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	671415.6	4342183	1.93E-06	1YrCancerI	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	671635.1	4341706	3.91E-06	1YrCancerI	3.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	671693.6	4341710	3.30E-06	1YrCancerI	3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	671719.8	4341736	3.01E-06	1YrCancerI	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	671673.5	4341630	3.89E-06	1YrCancerI	3.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	671888	4341936	1.40E-06	1YrCancerI	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	671977.6	4341952	9.03E-07	1YrCancerI	9.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	672039.2	4341895	6.61E-07	1YrCancerI	6.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	671858.2	4341754	2.24E-06	1YrCancerI	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

455	ALL	671922.8	4341634	1.87E-06	1YrCancerI	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	671613.7	4341791	2.76E-06	1YrCancerI	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	671853.3	4341731	2.27E-06	1YrCancerI	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	671783.8	4341586	2.74E-06	1YrCancerI	2.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	671783.2	4341547	2.72E-06	1YrCancerI	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	671769.2	4341461	2.70E-06	1YrCancerI	2.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	671800.9	4341421	2.64E-06	1YrCancerI	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	671880.1	4341427	2.01E-06	1YrCancerI	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	672012.4	4341505	6.06E-07	1YrCancerI	6.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	672084.3	4341548	6.70E-07	1YrCancerI	6.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	671915.5	4341478	1.64E-06	1YrCancerI	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	671903.3	4341564	1.97E-06	1YrCancerI	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	671863.1	4341522	2.31E-06	1YrCancerI	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	671830.1	4341336	2.61E-06	1YrCancerI	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	671835.6	4341288	2.56E-06	1YrCancerI	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	671825.9	4341275	2.65E-06	1YrCancerI	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	672136.7	4341371	3.90E-07	1YrCancerI	3.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	671920.3	4341307	1.42E-06	1YrCancerI	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	671695.4	4341257	2.66E-06	1YrCancerI	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	671682	4341176	1.75E-06	1YrCancerI	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	671991.7	4341196	1.39E-06	1YrCancerI	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	672022.1	4341232	1.02E-06	1YrCancerI	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	671992.3	4341178	1.08E-06	1YrCancerI	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	671540.6	4341238	9.78E-07	1YrCancerI	9.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	671575.3	4341178	8.13E-07	1YrCancerI	8.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	671454.7	4341196	8.24E-07	1YrCancerI	8.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	671523.5	4341116	6.83E-07	1YrCancerI	6.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	671413.2	4341127	6.90E-07	1YrCancerI	6.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	671471.1	4341065	6.18E-07	1YrCancerI	6.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	671601.6	4341051	9.99E-07	1YrCancerI	9.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	671198.6	4341254	5.19E-07	1YrCancerI	5.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	671278.5	4341212	6.24E-07	1YrCancerI	6.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	671230.3	4341133	4.86E-07	1YrCancerI	4.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	671073.1	4341272	4.21E-07	1YrCancerI	4.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	671122.5	4341374	5.59E-07	1YrCancerI	5.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	671118.8	4341397	5.88E-07	1YrCancerI	5.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	670978.4	4341324	4.38E-07	1YrCancerI	4.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	670932.9	4341394	4.93E-07	1YrCancerI	4.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	670935.2	4341367	4.75E-07	1YrCancerI	4.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	671108	4340976	4.19E-07	1YrCancerI	4.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL	671286.7	4340979	4.63E-07	1YrCancerI	4.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	671675.4	4342489	6.26E-07	1YrCancerI	6.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	671091.4	4342277	4.92E-06	1YrCancerI	4.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	671051.8	4342332	3.63E-06	1YrCancerI	3.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	671051.8	4342369	3.89E-06	1YrCancerI	3.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	670953	4342361	3.44E-06	1YrCancerI	3.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	670695.7	4342236	2.16E-06	1YrCancerI	2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	670545.5	4342319	1.81E-06	1YrCancerI	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	670711.7	4342488	2.20E-06	1YrCancerI	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	670648.3	4342502	1.80E-06	1YrCancerI	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	670648.3	4342631	9.50E-07	1YrCancerI	9.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	670806.3	4342728	1.77E-06	1YrCancerI	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	670688.2	4342739	8.76E-07	1YrCancerI	8.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	670804.9	4342428	2.31E-06	1YrCancerI	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	670439.5	4342472	1.54E-06	1YrCancerI	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	670358.4	4342579	1.29E-06	1YrCancerI	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	670546.6	4342662	1.63E-06	1YrCancerI	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	670537	4342595	1.59E-06	1YrCancerI	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	670483.5	4342777	1.52E-06	1YrCancerI	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	670508.2	4342755	1.51E-06	1YrCancerI	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	670517.8	4342869	1.58E-06	1YrCancerI	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	670545.3	4342851	1.42E-06	1YrCancerI	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	670582.4	4342878	1.58E-06	1YrCancerI	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	670304.9	4342689	1.12E-06	1YrCancerI	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	670039.7	4342661	1.10E-06	1YrCancerI	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	670156.5	4342673	1.05E-06	1YrCancerI	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	670236.2	4342649	1.12E-06	1YrCancerI	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	670071.3	4342738	9.40E-07	1YrCancerI	9.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	669990.2	4342753	8.96E-07	1YrCancerI	8.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	669928.4	4342742	8.63E-07	1YrCancerI	8.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	669815.8	4342673	8.75E-07	1YrCancerI	8.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	669743	4342656	8.55E-07	1YrCancerI	8.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	669791	4342745	7.74E-07	1YrCancerI	7.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	669696.3	4342731	7.56E-07	1YrCancerI	7.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	669536.9	4342553	6.81E-07	1YrCancerI	6.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	671174.9	4342280	5.72E-06	1YrCancerI	5.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	671068.4	4342170	7.96E-06	1YrCancerI	7.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	670965.7	4342179	5.13E-06	1YrCancerI	5.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	670815.5	4342198	2.59E-06	1YrCancerI	2.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	670737.6	4342098	1.94E-06	1YrCancerI	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	670762.3	4342069	1.98E-06	1YrCancerI	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	670817.4	4342041	2.18E-06	1YrCancerI	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	670895.4	4342025	2.62E-06	1YrCancerI	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	670979	4341915	3.25E-06	1YrCancerI	3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	671115.9	4341864	5.79E-06	1YrCancerI	5.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	671199.6	4341771	8.82E-06	1YrCancerI	8.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	671222.4	4341377	8.62E-07	1YrCancerI	8.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	671714.8	4341392	3.25E-06	1YrCancerI	3.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	671366.9	4341999	1.04E-05	1YrCancerI	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	671226.2	4342236	6.24E-06	1YrCancerI	6.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	669098.4	4343412	4.14E-07	1YrCancerI	4.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

546	ALL	668908.6	4343365	4.09E-07	1YrCancerI	4.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	668851.5	4343360	3.93E-07	1YrCancerI	3.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	668831.4	4343371	4.00E-07	1YrCancerI	4.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	668733.9	4343302	3.47E-07	1YrCancerI	3.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	668686.9	4343200	3.38E-07	1YrCancerI	3.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	668671.8	4343089	3.40E-07	1YrCancerI	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	668806.2	4343002	3.59E-07	1YrCancerI	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	668918.7	4343025	3.82E-07	1YrCancerI	3.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	669024.5	4342943	4.09E-07	1YrCancerI	4.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	669288.2	4342916	5.76E-07	1YrCancerI	5.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	669333.6	4342923	7.72E-07	1YrCancerI	7.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	669365.5	4342978	6.74E-07	1YrCancerI	6.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	669337	4343151	4.84E-07	1YrCancerI	4.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL	669303.4	4343304	4.88E-07	1YrCancerI	4.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL	669222.7	4343235	4.65E-07	1YrCancerI	4.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	669135.4	4343306	4.44E-07	1YrCancerI	4.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		668148.8	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		668370.1	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		668591.4	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		668812.7	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		669034	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		669255.3	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		669476.7	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		669698	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		669919.3	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		670140.6	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		670361.9	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		670583.2	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		670804.5	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		671025.8	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		671247.1	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		671468.4	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		671689.8	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		671911.1	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		672132.4	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		672353.7	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		672575	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		668148.8	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		668370.1	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		668591.4	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		668812.7	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		669034	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		669255.3	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		669476.7	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		669698	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		669919.3	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		670140.6	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		670361.9	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		670583.2	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		670804.5	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		671025.8	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		671247.1	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		671468.4	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		671689.8	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		671911.1	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		672132.4	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		672353.7	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		672575	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		668148.8	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		668370.1	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		668591.4	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		668812.7	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		669034	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		669255.3	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		669476.7	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		669698	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		669919.3	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		670140.6	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		670361.9	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		670583.2	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		670804.5	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		671025.8	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		671247.1	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		671468.4	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		671689.8	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		671911.1	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		672132.4	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		672353.7	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		672575	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		668148.8	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL		668370.1	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL		668591.4	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL		668812.7	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		669034	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		669255.3	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		669476.7	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL		669698	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL		669919.3	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		670140.6	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL		670361.9	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL		670583.2	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL		670804.5	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		671025.8	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL		671247.1	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL		671468.4	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL		671689.8	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		671911.1	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		672132.4	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		672353.7	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL		672575	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		668148.8	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL		668370.1	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL		668591.4	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL		668812.7	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL		669034	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL		669255.3	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL		669476.7	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL		669698	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL		669919.3	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL		670140.6	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL		670361.9	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL		670583.2	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL		670804.5	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL		671025.8	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

99	ALL	671689.8	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	671911.1	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	672132.4	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	672353.7	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	672575	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	668148.8	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	668370.1	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	668591.4	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	668812.7	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	669034	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	669255.3	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	669476.7	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	669698	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	669919.3	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	670140.6	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	670361.9	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	670583.2	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	670804.5	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	671025.8	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	671689.8	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	671911.1	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	672132.4	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	672353.7	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	672575	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	668148.8	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	668370.1	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	668591.4	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	668812.7	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	669034	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	669255.3	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	669476.7	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	669698	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	669919.3	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	670140.6	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	670361.9	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	670583.2	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	670804.5	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	671025.8	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	671689.8	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	671911.1	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	672132.4	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	672353.7	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	672575	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	668148.8	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	668370.1	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	668591.4	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	668812.7	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	669034	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	669255.3	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	669476.7	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	669698	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	669919.3	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	670140.6	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	670361.9	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	670583.2	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	670804.5	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	671468.4	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	671689.8	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	671911.1	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	672132.4	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	672353.7	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	672575	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	668148.8	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	668370.1	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	668591.4	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	668812.7	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	669034	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	669255.3	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	669476.7	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	669698	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	669919.3	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	670140.6	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	670361.9	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	670583.2	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	671468.4	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	671689.8	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	671911.1	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	672132.4	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	672353.7	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	672575	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	668148.8	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	668370.1	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	668591.4	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL	668812.7	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	669034	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	669255.3	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	669476.7	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	669698	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	669919.3	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	670140.6	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	670361.9	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	670583.2	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	670804.5	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	671025.8	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	671247.1	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	671468.4	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	671689.8	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	671911.1	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	672132.4	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

198	ALL	672353.7	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	672575	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	668148.8	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	668370.1	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	668591.4	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	668812.7	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	669034	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	669255.3	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	669476.7	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	669698	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	669919.3	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	670140.6	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	670361.9	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	670583.2	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	670804.5	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	671025.8	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	671247.1	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	671468.4	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	671689.8	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	671911.1	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	672132.4	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	672353.7	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	672575	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	668148.8	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	668370.1	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	668591.4	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	668812.7	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	669034	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	669255.3	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	669476.7	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	669698	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	669919.3	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	670140.6	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	670361.9	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	670583.2	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	670804.5	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	671025.8	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	671247.1	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	671468.4	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	671689.8	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	671911.1	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	672132.4	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	672353.7	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	672575	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	668148.8	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	668370.1	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	668591.4	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	668812.7	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	669034	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	669255.3	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	669476.7	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	669698	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	669919.3	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	670140.6	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	670361.9	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	670583.2	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	670804.5	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	671025.8	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	671247.1	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	671468.4	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	671689.8	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	671911.1	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	672132.4	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	672353.7	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	672575	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	668148.8	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	668370.1	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	668591.4	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	668812.7	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	669034	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	669476.7	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	669698	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	669919.3	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	670140.6	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	670361.9	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL	670583.2	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	670804.5	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	671025.8	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	671247.1	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	671468.4	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	671689.8	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	671911.1	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	672132.4	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	672353.7	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	672575	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	668148.8	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	668370.1	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	668591.4	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	669476.7	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	669698	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	669919.3	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	670140.6	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	670361.9	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	670583.2	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	670804.5	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	671025.8	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	671247.1	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	671468.4	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	671689.8	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

297	ALL	671911.1	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	672132.4	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	672353.7	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	672575	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	668148.8	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	668370.1	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	668591.4	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	669476.7	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	669698	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	669919.3	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	670140.6	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	670361.9	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	670583.2	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	670804.5	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	671025.8	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	671247.1	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	671468.4	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	671689.8	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	671911.1	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	672132.4	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	672353.7	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	672575	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	668148.8	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	668370.1	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	668591.4	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	668812.7	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	669034	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	669255.3	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	669476.7	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	669698	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	669919.3	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	670140.6	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	670361.9	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	670583.2	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	670804.5	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	671025.8	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	671247.1	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	671468.4	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	671689.8	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	671911.1	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	672132.4	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	672353.7	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	672575	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	668148.8	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	668370.1	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	668591.4	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	668812.7	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	669034	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	669255.3	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	669476.7	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	669698	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	669919.3	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	670140.6	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	670361.9	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	670583.2	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	670804.5	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	671025.8	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	671247.1	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	671468.4	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	671689.8	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	671911.1	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	672132.4	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	672353.7	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	672575	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	668148.8	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	668370.1	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	668591.4	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL	668812.7	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	669034	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	669255.3	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	669476.7	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	669698	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	669919.3	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	670140.6	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	670361.9	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	670583.2	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	670804.5	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	671025.8	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	671247.1	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	671468.4	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	671689.8	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	671911.1	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	672132.4	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	672353.7	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	672575	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	668148.8	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	668370.1	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	668591.4	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	668812.7	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	669034	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	669255.3	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	669476.7	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	669698	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	669919.3	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	670140.6	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	670361.9	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	670583.2	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	670804.5	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	671025.8	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

396	ALL	671247.1	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	671468.4	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	671689.8	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	671911.1	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	672132.4	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	672353.7	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	672575	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	668148.8	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	668370.1	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	668591.4	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	668812.7	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	669034	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	669255.3	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	669476.7	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	669698	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	669919.3	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	670140.6	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	670361.9	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	670583.2	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	670804.5	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	671025.8	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	671247.1	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	671468.4	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	671689.8	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	671911.1	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	672132.4	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	672353.7	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	672575	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	671464.7	4342094	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	671482.2	4342064	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	671498.6	4342030	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	671513.8	4341992	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	671541.8	4341965	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	671575.6	4341974	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	671460.8	4342163	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	671451	4342187	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	671510.7	4342220	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	671524.1	4342193	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	671522.9	4342251	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	671599.1	4342253	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	671627.8	4342257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	671583.9	4342116	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	671595.5	4342072	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	671663.1	4342056	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	671600.9	4342030	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	671526.6	4342156	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	671629	4342292	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	671641.8	4341981	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	671666.8	4342019	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	671407.1	4342220	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	671415.6	4342183	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	671635.1	4341706	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	671693.6	4341710	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	671719.8	4341736	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	671673.5	4341630	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	671888	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	671977.6	4341952	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	672039.2	4341895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	671858.2	4341754	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL	671922.8	4341634	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	671613.7	4341791	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	671853.3	4341731	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	671783.8	4341586	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	671783.2	4341547	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	671769.2	4341461	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	671800.9	4341421	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	671880.1	4341427	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	672012.4	4341505	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	672084.3	4341548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	671915.5	4341478	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	671903.3	4341564	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	671863.1	4341522	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	671830.1	4341336	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	671835.6	4341288	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	671825.9	4341275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	672136.7	4341371	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	671920.3	4341307	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	671695.4	4341257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	671682	4341176	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	671991.7	4341196	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	672022.1	4341232	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	671992.3	4341178	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	671540.6	4341238	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	671575.3	4341178	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	671454.7	4341196	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	671523.5	4341116	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	671413.2	4341127	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	671471.1	4341065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	671601.6	4341051	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	671198.6	4341254	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	671278.5	4341212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	671230.3	4341133	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	671073.1	4341272	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	671122.5	4341374	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	671118.8	4341397	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	670978.4	4341324	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	670932.9	4341394	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	670935.2	4341367	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	671108	4340976	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

495	ALL	671286.7	4340979	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	671675.4	4342489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	671091.4	4342277	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	671051.8	4342332	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	671051.8	4342369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	670953	4342361	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	670695.7	4342236	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	670545.5	4342319	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	670711.7	4342488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	670648.3	4342502	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	670648.3	4342631	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	670806.3	4342728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	670688.2	4342739	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	670804.9	4342428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	670439.5	4342472	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	670358.4	4342579	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	670546.6	4342662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	670537	4342595	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	670483.5	4342777	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	670508.2	4342755	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	670517.8	4342869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	670545.3	4342851	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	670582.4	4342878	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	670304.9	4342689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	670039.7	4342661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	670156.5	4342673	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	670236.2	4342649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	670071.3	4342738	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	669990.2	4342753	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	669928.4	4342742	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	669815.8	4342673	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	669743	4342656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	669791	4342745	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	669696.3	4342731	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	669536.9	4342553	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	671174.9	4342280	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	671068.4	4342170	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	670965.7	4342179	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	670815.5	4342198	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	670737.6	4342098	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	670762.3	4342069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	670817.4	4342041	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	670895.4	4342025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	670979	4341915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	671115.9	4341864	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	671199.6	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	671222.4	4341377	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	671714.8	4341392	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	671366.9	4341999	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	671226.2	4342236	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	669098.4	4343412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	ALL	668908.6	4343365	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	668851.5	4343360	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	668831.4	4343371	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	668733.9	4343302	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	668686.9	4343200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	668671.8	4343089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	668806.2	4343002	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	668918.7	4343025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	669024.5	4342943	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	669288.2	4342916	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	669333.6	4342923	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	669365.5	4342978	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	669337	4343151	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL	669303.4	4343304	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL	669222.7	4343235	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	669135.4	4343306	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE\	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		668148.8	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-02
2	ALL		668370.1	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-02
3	ALL		668591.4	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-02
4	ALL		668812.7	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-02
5	ALL		669034	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-02
6	ALL		669255.3	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-02
7	ALL		669476.7	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-02
8	ALL		669698	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-02
9	ALL		669919.3	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-02
10	ALL		670140.6	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01
11	ALL		670361.9	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-02
12	ALL		670583.2	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-02
13	ALL		670804.5	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-02
14	ALL		671025.8	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-02
15	ALL		671247.1	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-02
16	ALL		671468.4	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-02
17	ALL		671689.8	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-01
18	ALL		671911.1	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-01
19	ALL		672132.4	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-02
20	ALL		672353.7	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01
21	ALL		672575	4340781	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-01
22	ALL		668148.8	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-02
23	ALL		668370.1	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-02
24	ALL		668591.4	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-02
25	ALL		668812.7	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-02
26	ALL		669034	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02
27	ALL		669255.3	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-02
28	ALL		669476.7	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-02
29	ALL		669698	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-02
30	ALL		669919.3	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01
31	ALL		670140.6	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01
32	ALL		670361.9	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-01
33	ALL		670583.2	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01
34	ALL		670804.5	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-02
35	ALL		671025.8	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-02
36	ALL		671247.1	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-02
37	ALL		671468.4	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-02
38	ALL		671689.8	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-01
39	ALL		671911.1	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-01
40	ALL		672132.4	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-02
41	ALL		672353.7	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-02
42	ALL		672575	4340946	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-01
43	ALL		668148.8	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-02
44	ALL		668370.1	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-02
45	ALL		668591.4	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-02
46	ALL		668812.7	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-02
47	ALL		669034	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-02
48	ALL		669255.3	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-02
49	ALL		669476.7	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-02
50	ALL		669698	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-02
51	ALL		669919.3	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-02
52	ALL		670140.6	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-01
53	ALL		670361.9	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01
54	ALL		670583.2	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-02
55	ALL		670804.5	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-02
56	ALL		671025.8	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-02
57	ALL		671247.1	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-02
58	ALL		671468.4	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-02
59	ALL		671689.8	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-01
60	ALL		671911.1	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-01
61	ALL		672132.4	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-02
62	ALL		672353.7	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-02
63	ALL		672575	4341111	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-01
64	ALL		668148.8	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-02
65	ALL		668370.1	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-02
66	ALL		668591.4	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-02
67	ALL		668812.7	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-02
68	ALL		669034	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-02
69	ALL		669255.3	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-02
70	ALL		669476.7	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-02
71	ALL		669698	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-02
72	ALL		669919.3	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01
73	ALL		670140.6	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-02
74	ALL		670361.9	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-02
75	ALL		670583.2	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-02
76	ALL		670804.5	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-02
77	ALL		671025.8	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-02
78	ALL		671247.1	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-02
79	ALL		671468.4	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-01
80	ALL		671689.8	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-01
81	ALL		671911.1	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-01
82	ALL		672132.4	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-02
83	ALL		672353.7	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-02
84	ALL		672575	4341276	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01
85	ALL		668148.8	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-02
86	ALL		668370.1	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-02
87	ALL		668591.4	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02
88	ALL		668812.7	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-02
89	ALL		669034	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-02
90	ALL		669255.3	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-02
91	ALL		669476.7	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-02
92	ALL		669698	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-02
93	ALL		669919.3	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-01
94	ALL		670140.6	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-02
95	ALL		670361.9	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-02
96	ALL		670583.2	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-02
97	ALL		670804.5	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-02
98	ALL		671025.8	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-02

99	ALL	671689.8	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-01
100	ALL	671911.1	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-01
101	ALL	672132.4	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-02
102	ALL	672353.7	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-02
103	ALL	672575	4341441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-01
104	ALL	668148.8	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-02
105	ALL	668370.1	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
106	ALL	668591.4	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-02
107	ALL	668812.7	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-02
108	ALL	669034	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-02
109	ALL	669255.3	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-02
110	ALL	669476.7	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-02
111	ALL	669698	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-02
112	ALL	669919.3	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01
113	ALL	670140.6	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-02
114	ALL	670361.9	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-02
115	ALL	670583.2	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-02
116	ALL	670804.5	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-02
117	ALL	671025.8	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-02
118	ALL	671689.8	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-01
119	ALL	671911.1	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-01
120	ALL	672132.4	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-02
121	ALL	672353.7	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-02
122	ALL	672575	4341606	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-01
123	ALL	668148.8	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-02
124	ALL	668370.1	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-02
125	ALL	668591.4	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-02
126	ALL	668812.7	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-02
127	ALL	669034	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-02
128	ALL	669255.3	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-02
129	ALL	669476.7	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-02
130	ALL	669698	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
131	ALL	669919.3	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-02
132	ALL	670140.6	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-02
133	ALL	670361.9	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-02
134	ALL	670583.2	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-02
135	ALL	670804.5	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-01
136	ALL	671025.8	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-01
137	ALL	671689.8	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-01
138	ALL	671911.1	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-01
139	ALL	672132.4	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-02
140	ALL	672353.7	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-02
141	ALL	672575	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01
142	ALL	668148.8	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-02
143	ALL	668370.1	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-02
144	ALL	668591.4	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-02
145	ALL	668812.7	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-02
146	ALL	669034	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-02
147	ALL	669255.3	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-02
148	ALL	669476.7	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-02
149	ALL	669698	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-02
150	ALL	669919.3	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-02
151	ALL	670140.6	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-02
152	ALL	670361.9	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-02
153	ALL	670583.2	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-01
154	ALL	670804.5	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-01
155	ALL	671468.4	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-01
156	ALL	671689.8	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-01
157	ALL	671911.1	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-01
158	ALL	672132.4	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-02
159	ALL	672353.7	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-02
160	ALL	672575	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-01
161	ALL	668148.8	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-02
162	ALL	668370.1	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-02
163	ALL	668591.4	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-02
164	ALL	668812.7	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02
165	ALL	669034	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-02
166	ALL	669255.3	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-02
167	ALL	669476.7	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.88E-02
168	ALL	669698	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-01
169	ALL	669919.3	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-01
170	ALL	670140.6	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-02
171	ALL	670361.9	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-01
172	ALL	670583.2	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-01
173	ALL	671468.4	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-02
174	ALL	671689.8	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-02
175	ALL	671911.1	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01
176	ALL	672132.4	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-02
177	ALL	672353.7	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-02
178	ALL	672575	4342101	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-01
179	ALL	668148.8	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-02
180	ALL	668370.1	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-02
181	ALL	668591.4	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-02
182	ALL	668812.7	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-02
183	ALL	669034	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-02
184	ALL	669255.3	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-02
185	ALL	669476.7	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-02
186	ALL	669698	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-02
187	ALL	669919.3	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01
188	ALL	670140.6	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01
189	ALL	670361.9	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-01
190	ALL	670583.2	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-01
191	ALL	670804.5	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-01
192	ALL	671025.8	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-01
193	ALL	671247.1	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-01
194	ALL	671468.4	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-02
195	ALL	671689.8	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-02
196	ALL	671911.1	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-02
197	ALL	672132.4	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-02

198	ALL	672353.7	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-02
199	ALL	672575	4342266	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-02
200	ALL	668148.8	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-02
201	ALL	668370.1	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-02
202	ALL	668591.4	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-02
203	ALL	668812.7	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-02
204	ALL	669034	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-02
205	ALL	669255.3	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-02
206	ALL	669476.7	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-02
207	ALL	669698	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-02
208	ALL	669919.3	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-02
209	ALL	670140.6	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-01
210	ALL	670361.9	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-01
211	ALL	670583.2	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-01
212	ALL	670804.5	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-01
213	ALL	671025.8	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-01
214	ALL	671247.1	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-01
215	ALL	671468.4	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-02
216	ALL	671689.8	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-02
217	ALL	671911.1	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-02
218	ALL	672132.4	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-02
219	ALL	672353.7	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-02
220	ALL	672575	4342431	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-02
221	ALL	668148.8	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-02
222	ALL	668370.1	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-02
223	ALL	668591.4	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-02
224	ALL	668812.7	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02
225	ALL	669034	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-02
226	ALL	669255.3	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-02
227	ALL	669476.7	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-02
228	ALL	669698	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-02
229	ALL	669919.3	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-02
230	ALL	670140.6	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01
231	ALL	670361.9	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
232	ALL	670583.2	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-01
233	ALL	670804.5	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-01
234	ALL	671025.8	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-01
235	ALL	671247.1	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-01
236	ALL	671468.4	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-02
237	ALL	671689.8	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-02
238	ALL	671911.1	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-02
239	ALL	672132.4	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-02
240	ALL	672353.7	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
241	ALL	672575	4342596	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-02
242	ALL	668148.8	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-02
243	ALL	668370.1	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-02
244	ALL	668591.4	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-02
245	ALL	668812.7	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-02
246	ALL	669034	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-02
247	ALL	669255.3	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-02
248	ALL	669476.7	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-02
249	ALL	669698	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-02
250	ALL	669919.3	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-02
251	ALL	670140.6	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-01
252	ALL	670361.9	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-01
253	ALL	670583.2	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-01
254	ALL	670804.5	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-01
255	ALL	671025.8	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-01
256	ALL	671247.1	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-02
257	ALL	671468.4	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-02
258	ALL	671689.8	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-02
259	ALL	671911.1	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-02
260	ALL	672132.4	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-02
261	ALL	672353.7	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-01
262	ALL	672575	4342761	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-02
263	ALL	668148.8	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-02
264	ALL	668370.1	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-02
265	ALL	668591.4	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-02
266	ALL	668812.7	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-02
267	ALL	669034	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-02
268	ALL	669476.7	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-02
269	ALL	669698	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-02
270	ALL	669919.3	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-01
271	ALL	670140.6	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-01
272	ALL	670361.9	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-01
273	ALL	670583.2	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-01
274	ALL	670804.5	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-01
275	ALL	671025.8	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-02
276	ALL	671247.1	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-02
277	ALL	671468.4	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-02
278	ALL	671689.8	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-02
279	ALL	671911.1	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-02
280	ALL	672132.4	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-02
281	ALL	672353.7	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-02
282	ALL	672575	4342926	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-02
283	ALL	668148.8	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-02
284	ALL	668370.1	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-02
285	ALL	668591.4	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-02
286	ALL	669476.7	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-02
287	ALL	669698	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-02
288	ALL	669919.3	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-02
289	ALL	670140.6	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-01
290	ALL	670361.9	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-01
291	ALL	670583.2	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-01
292	ALL	670804.5	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-01
293	ALL	671025.8	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-02
294	ALL	671247.1	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-02
295	ALL	671468.4	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-02
296	ALL	671689.8	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-02

297	ALL	671911.1	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-02
298	ALL	672132.4	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-02
299	ALL	672353.7	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-02
300	ALL	672575	4343090	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-02
301	ALL	668148.8	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-02
302	ALL	668370.1	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-02
303	ALL	668591.4	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-02
304	ALL	669476.7	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-02
305	ALL	669698	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-02
306	ALL	669919.3	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-02
307	ALL	670140.6	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-02
308	ALL	670361.9	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-02
309	ALL	670583.2	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01
310	ALL	670804.5	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-01
311	ALL	671025.8	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-02
312	ALL	671247.1	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-02
313	ALL	671468.4	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-02
314	ALL	671689.8	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-02
315	ALL	671911.1	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-02
316	ALL	672132.4	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-02
317	ALL	672353.7	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-02
318	ALL	672575	4343255	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-02
319	ALL	668148.8	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-02
320	ALL	668370.1	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-02
321	ALL	668591.4	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-02
322	ALL	668812.7	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
323	ALL	669034	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.62E-02
324	ALL	669255.3	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-02
325	ALL	669476.7	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-02
326	ALL	669698	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-02
327	ALL	669919.3	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-02
328	ALL	670140.6	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-02
329	ALL	670361.9	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-02
330	ALL	670583.2	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-02
331	ALL	670804.5	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01
332	ALL	671025.8	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-01
333	ALL	671247.1	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-02
334	ALL	671468.4	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-02
335	ALL	671689.8	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-02
336	ALL	671911.1	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-02
337	ALL	672132.4	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-02
338	ALL	672353.7	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-02
339	ALL	672575	4343420	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-02
340	ALL	668148.8	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-02
341	ALL	668370.1	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-02
342	ALL	668591.4	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-02
343	ALL	668812.7	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-02
344	ALL	669034	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-02
345	ALL	669255.3	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-02
346	ALL	669476.7	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-02
347	ALL	669698	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-02
348	ALL	669919.3	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-02
349	ALL	670140.6	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-02
350	ALL	670361.9	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-02
351	ALL	670583.2	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-02
352	ALL	670804.5	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-02
353	ALL	671025.8	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-02
354	ALL	671247.1	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-02
355	ALL	671468.4	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-02
356	ALL	671689.8	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-02
357	ALL	671911.1	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-02
358	ALL	672132.4	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-02
359	ALL	672353.7	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-02
360	ALL	672575	4343585	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-02
361	ALL	668148.8	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-02
362	ALL	668370.1	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-02
363	ALL	668591.4	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-02
364	ALL	668812.7	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-02
365	ALL	669034	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02
366	ALL	669255.3	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-02
367	ALL	669476.7	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-02
368	ALL	669698	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-02
369	ALL	669919.3	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-02
370	ALL	670140.6	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-02
371	ALL	670361.9	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-02
372	ALL	670583.2	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-02
373	ALL	670804.5	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-02
374	ALL	671025.8	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-02
375	ALL	671247.1	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-02
376	ALL	671468.4	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-02
377	ALL	671689.8	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-02
378	ALL	671911.1	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-02
379	ALL	672132.4	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-02
380	ALL	672353.7	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-02
381	ALL	672575	4343750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-02
382	ALL	668148.8	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-02
383	ALL	668370.1	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-02
384	ALL	668591.4	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-02
385	ALL	668812.7	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-02
386	ALL	669034	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-02
387	ALL	669255.3	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-02
388	ALL	669476.7	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-02
389	ALL	669698	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-02
390	ALL	669919.3	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-02
391	ALL	670140.6	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-02
392	ALL	670361.9	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-02
393	ALL	670583.2	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-02
394	ALL	670804.5	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-02
395	ALL	671025.8	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-02

396	ALL	671247.1	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-02
397	ALL	671468.4	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-02
398	ALL	671689.8	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-02
399	ALL	671911.1	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-02
400	ALL	672132.4	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-02
401	ALL	672353.7	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-02
402	ALL	672575	4343915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-02
403	ALL	668148.8	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-02
404	ALL	668370.1	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-02
405	ALL	668591.4	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-02
406	ALL	668812.7	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-02
407	ALL	669034	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-02
408	ALL	669255.3	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-02
409	ALL	669476.7	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-02
410	ALL	669698	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-02
411	ALL	669919.3	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-02
412	ALL	670140.6	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-02
413	ALL	670361.9	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-02
414	ALL	670583.2	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-02
415	ALL	670804.5	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-02
416	ALL	671025.8	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01
417	ALL	671247.1	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-02
418	ALL	671468.4	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-02
419	ALL	671689.8	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-02
420	ALL	671911.1	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-02
421	ALL	672132.4	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-02
422	ALL	672353.7	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-02
423	ALL	672575	4344080	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-02
424	ALL	671464.7	4342094	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-02
425	ALL	671482.2	4342064	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-02
426	ALL	671498.6	4342030	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-02
427	ALL	671513.8	4341992	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.40E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.40E-02
428	ALL	671541.8	4341965	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-02
429	ALL	671575.6	4341974	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-02
430	ALL	671460.8	4342163	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-02
431	ALL	671451	4342187	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-02
432	ALL	671510.7	4342220	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-02
433	ALL	671524.1	4342193	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-02
434	ALL	671522.9	4342251	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-02
435	ALL	671599.1	4342253	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-02
436	ALL	671627.8	4342257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-02
437	ALL	671583.9	4342116	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-02
438	ALL	671595.5	4342072	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-02
439	ALL	671663.1	4342056	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-02
440	ALL	671600.9	4342030	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-02
441	ALL	671526.6	4342156	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-02
442	ALL	671629	4342292	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-02
443	ALL	671641.8	4341981	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-02
444	ALL	671666.8	4342019	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-02
445	ALL	671407.1	4342220	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-01
446	ALL	671415.6	4342183	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-02
447	ALL	671635.1	4341706	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-01
448	ALL	671693.6	4341710	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-01
449	ALL	671719.8	4341736	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-01
450	ALL	671673.5	4341630	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-01
451	ALL	671888	4341936	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-01
452	ALL	671977.6	4341952	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-02
453	ALL	672039.2	4341895	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-02
454	ALL	671858.2	4341754	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-01
455	ALL	671922.8	4341634	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-01
456	ALL	671613.7	4341791	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-01
457	ALL	671853.3	4341731	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-01
458	ALL	671783.8	4341586	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-01
459	ALL	671783.2	4341547	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-01
460	ALL	671769.2	4341461	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-01
461	ALL	671800.9	4341421	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-01
462	ALL	671880.1	4341427	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-01
463	ALL	672012.4	4341505	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-02
464	ALL	672084.3	4341548	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-02
465	ALL	671915.5	4341478	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-01
466	ALL	671903.3	4341564	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-01
467	ALL	671863.1	4341522	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-01
468	ALL	671830.1	4341336	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-01
469	ALL	671835.6	4341288	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-01
470	ALL	671825.9	4341275	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-01
471	ALL	672136.7	4341371	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-02
472	ALL	671920.3	4341307	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-01
473	ALL	671695.4	4341257	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-01
474	ALL	671682	4341176	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-01
475	ALL	671991.7	4341196	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-01
476	ALL	672022.1	4341232	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-01
477	ALL	671992.3	4341178	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
478	ALL	671540.6	4341238	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-01
479	ALL	671575.3	4341178	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01
480	ALL	671454.7	4341196	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01
481	ALL	671523.5	4341116	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-02
482	ALL	671413.2	4341127	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-02
483	ALL	671471.1	4341065	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-02
484	ALL	671601.6	4341051	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-01
485	ALL	671198.6	4341254	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-02
486	ALL	671278.5	4341212	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-02
487	ALL	671230.3	4341133	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-02
488	ALL	671073.1	4341272	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-02
489	ALL	671122.5	4341374	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-02
490	ALL	671118.8	4341397	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-02
491	ALL	670978.4	4341324	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-02
492	ALL	670932.9	4341394	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-02
493	ALL	670935.2	4341367	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-02
494	ALL	671108	4340976	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-02

495	ALL	671286.7	4340979	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-02
496	ALL	671675.4	4342489	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-02
497	ALL	671091.4	4342277	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-01
498	ALL	671051.8	4342332	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-01
499	ALL	671051.8	4342369	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-01
500	ALL	670953	4342361	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-01
501	ALL	670695.7	4342236	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-01
502	ALL	670545.5	4342319	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-01
503	ALL	670711.7	4342488	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-01
504	ALL	670648.3	4342502	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-01
505	ALL	670648.3	4342631	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-01
506	ALL	670806.3	4342728	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-01
507	ALL	670688.2	4342739	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-02
508	ALL	670804.9	4342428	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-01
509	ALL	670439.5	4342472	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-01
510	ALL	670358.4	4342579	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01
511	ALL	670546.6	4342662	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-01
512	ALL	670537	4342595	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-01
513	ALL	670483.5	4342777	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-01
514	ALL	670508.2	4342755	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-01
515	ALL	670517.8	4342869	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-01
516	ALL	670545.3	4342851	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-01
517	ALL	670582.4	4342878	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-01
518	ALL	670304.9	4342689	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-01
519	ALL	670039.7	4342661	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-01
520	ALL	670156.5	4342673	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-01
521	ALL	670236.2	4342649	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-01
522	ALL	670071.3	4342738	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-01
523	ALL	669990.2	4342753	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-02
524	ALL	669928.4	4342742	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-02
525	ALL	669815.8	4342673	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.79E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.79E-02
526	ALL	669743	4342656	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-02
527	ALL	669791	4342745	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-02
528	ALL	669696.3	4342731	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-02
529	ALL	669536.9	4342553	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-02
530	ALL	671174.9	4342280	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-01
531	ALL	671068.4	4342170	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-01
532	ALL	670965.7	4342179	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-01
533	ALL	670815.5	4342198	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-01
534	ALL	670737.6	4342098	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-01
535	ALL	670762.3	4342069	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-01
536	ALL	670817.4	4342041	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-01
537	ALL	670895.4	4342025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-01
538	ALL	670979	4341915	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-01
539	ALL	671115.9	4341864	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-01
540	ALL	671199.6	4341771	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-01
541	ALL	671222.4	4341377	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-02
542	ALL	671714.8	4341392	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-01
543	ALL	671366.9	4341999	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-01
544	ALL	671226.2	4342236	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-01
545	ALL	669098.4	4343412	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-02
546	ALL	668908.6	4343365	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-02
547	ALL	668851.5	4343360	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-02
548	ALL	668831.4	4343371	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-02
549	ALL	668733.9	4343302	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-02
550	ALL	668686.9	4343200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-02
551	ALL	668671.8	4343089	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-02
552	ALL	668806.2	4343002	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-02
553	ALL	668918.7	4343025	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-02
554	ALL	669024.5	4342943	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-02
555	ALL	669288.2	4342916	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-02
556	ALL	669333.6	4342923	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-02
557	ALL	669365.5	4342978	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-02
558	ALL	669337	4343151	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-02
559	ALL	669303.4	4343304	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-02
560	ALL	669222.7	4343235	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-02
561	ALL	669135.4	4343306	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-02

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISI	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		668148.8	4340781	3.84E-08	5YrCancerI	3.36E-08	2.82E-09	6.77E-11	5.90E-13	0.00E+00	0.00E+00	1.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		668370.1	4340781	4.01E-08	5YrCancerI	3.47E-08	3.16E-09	7.57E-11	5.96E-13	0.00E+00	0.00E+00	2.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		668591.4	4340781	4.50E-08	5YrCancerI	3.89E-08	3.62E-09	8.68E-11	6.63E-13	0.00E+00	0.00E+00	2.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		668812.7	4340781	5.05E-08	5YrCancerI	4.36E-08	4.05E-09	9.71E-11	7.40E-13	0.00E+00	0.00E+00	2.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		669034	4340781	5.63E-08	5YrCancerI	4.85E-08	4.63E-09	1.11E-10	8.15E-13	0.00E+00	0.00E+00	3.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		669255.3	4340781	6.39E-08	5YrCancerI	5.48E-08	5.36E-09	1.29E-10	9.10E-13	0.00E+00	0.00E+00	3.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		669476.7	4340781	6.84E-08	5YrCancerI	5.87E-08	5.69E-09	1.37E-10	9.52E-13	0.00E+00	0.00E+00	3.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		669698	4340781	7.40E-08	5YrCancerI	6.35E-08	6.17E-09	1.48E-10	9.99E-13	0.00E+00	0.00E+00	4.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		669919.3	4340781	8.36E-08	5YrCancerI	7.31E-08	6.18E-09	1.48E-10	9.89E-13	0.00E+00	0.00E+00	4.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		670140.6	4340781	9.03E-08	5YrCancerI	8.11E-08	5.42E-09	1.30E-10	8.79E-13	0.00E+00	0.00E+00	3.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		670361.9	4340781	8.19E-08	5YrCancerI	7.47E-08	4.20E-09	1.01E-10	7.11E-13	0.00E+00	0.00E+00	2.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		670583.2	4340781	6.46E-08	5YrCancerI	5.94E-08	3.03E-09	7.27E-11	5.37E-13	0.00E+00	0.00E+00	2.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		670804.5	4340781	5.29E-08	5YrCancerI	4.86E-08	2.52E-09	6.05E-11	4.54E-13	0.00E+00	0.00E+00	1.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		671025.8	4340781	4.01E-08	5YrCancerI	3.66E-08	2.09E-09	5.00E-11	3.82E-13	0.00E+00	0.00E+00	1.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		671247.1	4340781	3.31E-08	5YrCancerI	3.03E-08	1.68E-09	4.04E-11	3.18E-13	0.00E+00	0.00E+00	1.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		671468.4	4340781	3.33E-08	5YrCancerI	3.05E-08	1.63E-09	3.90E-11	3.12E-13	0.00E+00	0.00E+00	1.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		671689.8	4340781	3.08E-08	5YrCancerI	2.86E-08	1.29E-09	3.10E-11	2.69E-13	0.00E+00	0.00E+00	8.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		671911.1	4340781	2.69E-08	5YrCancerI	2.49E-08	1.17E-09	2.80E-11	2.49E-13	0.00E+00	0.00E+00	7.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		672132.4	4340781	2.07E-08	5YrCancerI	1.92E-08	9.36E-10	2.24E-11	2.13E-13	0.00E+00	0.00E+00	6.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		672353.7	4340781	2.29E-08	5YrCancerI	2.12E-08	9.93E-10	2.38E-11	2.30E-13	0.00E+00	0.00E+00	6.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		672575	4340781	2.23E-08	5YrCancerI	2.07E-08	9.52E-10	2.28E-11	2.38E-13	0.00E+00	0.00E+00	6.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		668148.8	4340946	4.43E-08	5YrCancerI	3.94E-08	2.91E-09	6.97E-11	7.14E-13	0.00E+00	0.00E+00	1.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		668370.1	4340946	4.25E-08	5YrCancerI	3.73E-08	3.06E-09	7.33E-11	6.60E-13	0.00E+00	0.00E+00	2.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		668591.4	4340946	4.61E-08	5YrCancerI	4.03E-08	3.46E-09	8.29E-11	7.05E-13	0.00E+00	0.00E+00	2.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		668812.7	4340946	5.23E-08	5YrCancerI	4.55E-08	3.97E-09	9.53E-11	7.94E-13	0.00E+00	0.00E+00	2.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		669034	4340946	5.71E-08	5YrCancerI	4.92E-08	4.64E-09	1.11E-10	8.43E-13	0.00E+00	0.00E+00	3.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		669255.3	4340946	6.53E-08	5YrCancerI	5.61E-08	5.39E-09	1.29E-10	9.51E-13	0.00E+00	0.00E+00	3.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		669476.7	4340946	7.10E-08	5YrCancerI	6.10E-08	5.85E-09	1.40E-10	1.01E-12	0.00E+00	0.00E+00	3.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		669698	4340946	8.29E-08	5YrCancerI	7.09E-08	7.08E-09	1.70E-10	1.13E-12	0.00E+00	0.00E+00	4.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		669919.3	4340946	1.04E-07	5YrCancerI	9.14E-08	7.48E-09	1.79E-10	1.18E-12	0.00E+00	0.00E+00	5.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		670140.6	4340946	1.06E-07	5YrCancerI	9.42E-08	7.00E-09	1.68E-10	1.10E-12	0.00E+00	0.00E+00	4.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		670361.9	4340946	1.04E-07	5YrCancerI	9.45E-08	5.71E-09	1.37E-10	9.23E-13	0.00E+00	0.00E+00	3.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		670583.2	4340946	9.27E-08	5YrCancerI	8.55E-08	4.19E-09	1.00E-10	7.05E-13	0.00E+00	0.00E+00	2.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		670804.5	4340946	7.03E-08	5YrCancerI	6.51E-08	3.05E-09	7.32E-11	5.32E-13	0.00E+00	0.00E+00	2.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		671025.8	4340946	5.04E-08	5YrCancerI	4.63E-08	2.42E-09	5.80E-11	4.35E-13	0.00E+00	0.00E+00	1.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		671247.1	4340946	3.80E-08	5YrCancerI	3.49E-08	1.87E-09	4.49E-11	3.51E-13	0.00E+00	0.00E+00	1.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		671468.4	4340946	3.58E-08	5YrCancerI	3.30E-08	1.64E-09	3.94E-11	3.19E-13	0.00E+00	0.00E+00	1.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		671689.8	4340946	3.92E-08	5YrCancerI	3.66E-08	1.48E-09	3.55E-11	3.06E-13	0.00E+00	0.00E+00	9.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		671911.1	4340946	3.62E-08	5YrCancerI	3.39E-08	1.39E-09	3.32E-11	2.96E-13	0.00E+00	0.00E+00	9.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		672132.4	4340946	2.26E-08	5YrCancerI	2.09E-08	1.00E-09	2.40E-11	2.31E-13	0.00E+00	0.00E+00	6.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		672353.7	4340946	2.32E-08	5YrCancerI	2.16E-08	1.01E-09	2.41E-11	2.42E-13	0.00E+00	0.00E+00	6.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		672575	4340946	2.49E-08	5YrCancerI	2.31E-08	1.02E-09	2.45E-11	2.60E-13	0.00E+00	0.00E+00	6.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		668148.8	4341111	4.75E-08	5YrCancerI	4.25E-08	2.94E-09	7.03E-11	7.90E-13	0.00E+00	0.00E+00	1.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		668370.1	4341111	4.78E-08	5YrCancerI	4.25E-08	3.10E-09	7.42E-11	7.75E-13	0.00E+00	0.00E+00	2.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		668591.4	4341111	4.58E-08	5YrCancerI	4.03E-08	3.28E-09	7.86E-11	7.16E-13	0.00E+00	0.00E+00	2.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		668812.7	4341111	5.17E-08	5YrCancerI	4.53E-08	3.80E-09	9.11E-11	8.02E-13	0.00E+00	0.00E+00	2.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		669034	4341111	5.68E-08	5YrCancerI	4.93E-08	4.40E-09	1.05E-10	8.60E-13	0.00E+00	0.00E+00	2.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		669255.3	4341111	6.47E-08	5YrCancerI	5.61E-08	5.05E-09	1.21E-10	9.70E-13	0.00E+00	0.00E+00	3.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		669476.7	4341111	7.31E-08	5YrCancerI	6.29E-08	5.98E-09	1.43E-10	1.06E-12	0.00E+00	0.00E+00	4.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		669698	4341111	8.68E-08	5YrCancerI	7.41E-08	7.46E-09	1.79E-10	1.22E-12	0.00E+00	0.00E+00	5.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		669919.3	4341111	9.60E-08	5YrCancerI	8.19E-08	8.28E-09	1.99E-10	1.29E-12	0.00E+00	0.00E+00	5.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		670140.6	4341111	1.25E-07	5YrCancerI	1.10E-07	8.85E-09	2.12E-10	1.37E-12	0.00E+00	0.00E+00	6.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		670361.9	4341111	1.29E-07	5YrCancerI	1.15E-07	7.93E-09	1.90E-10	1.22E-12	0.00E+00	0.00E+00	5.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		670583.2	4341111	1.11E-07	5YrCancerI	1.01E-07	5.49E-09	1.32E-10	8.68E-13	0.00E+00	0.00E+00	3.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		670804.5	4341111	8.36E-08	5YrCancerI	7.75E-08	3.58E-09	8.60E-11	6.01E-13	0.00E+00	0.00E+00	2.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		671025.8	4341111	6.12E-08	5YrCancerI	5.66E-08	2.70E-09	6.48E-11	4.76E-13	0.00E+00	0.00E+00	1.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		671247.1	4341111	5.27E-08	5YrCancerI	4.87E-08	2.34E-09	5.62E-11	4.26E-13	0.00E+00	0.00E+00	1.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		671468.4	4341111	4.62E-08	5YrCancerI	4.30E-08	1.86E-09	4.45E-11	3.59E-13	0.00E+00	0.00E+00	1.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		671689.8	4341111	5.67E-08	5YrCancerI	5.36E-08	1.84E-09	4.40E-11	3.77E-13	0.00E+00	0.00E+00	1.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		671911.1	4341111	4.63E-08	5YrCancerI	4.35E-08	1.61E-09	3.87E-11	3.46E-13	0.00E+00	0.00E+00	1.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		672132.4	4341111	2.66E-08	5YrCancerI	2.48E-08	1.08E-09	2.60E-11	2.56E-13	0.00E+00	0.00E+00	7.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		672353.7	4341111	2.35E-08	5YrCancerI	2.18E-08	9.79E-10	2.35E-11	2.42E-13	0.00E+00	0.00E+00	6.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		672575	4341111	2.77E-08	5YrCancerI	2.58E-08	1.10E-09	2.64E-11	2.75E-13	0.00E+00	0.00E+00	7.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		668148.8	4341276	5.04E-08	5YrCancerI	4.54E-08	2.97E-09	7.11E-11	8.57E-13	0.00E+00	0.00E+00	1.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL		668370.1	4341276	4.79E-08	5YrCancerI	4.28E-08	3.00E-09	7.19E-11	7.94E-13	0.00E+00	0.00E+00	2.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL		668591.4	4341276	4.46E-08	5YrCancerI	3.93E-08	3.07E-09	7.36E-11	7.08E-13	0.00E+00	0.00E+00	2.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL		668812.7	4341276	4.97E-08	5YrCancerI	4.36E-08	3.59E-09	8.60E-11	7.79E-13	0.00E+00	0.00E+00	2.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		669034	4341276	5.72E-08	5YrCancerI	4.97E-08	4.43E-09	1.06E-10	8.79E-13	0.00E+00	0.00E+00	3.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		669255.3	4341276	6.56E-08	5YrCancerI	5.69E-08	5.10E-09	1.22E-10	1.00E-12	0.00E+00	0.00E+00	3.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		669476.7	4341276	7.30E-08	5YrCancerI	6.31E-08	5.79E-09	1.39E-10	1.09E-12	0.00E+00	0.00E+00	3.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL		669698	4341276	8.41E-08	5YrCancerI	7.21E-08	7.01E-09	1.68E-10	1.21E-12	0.00E+00	0.00E+00	4.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL		669919.3	4341276	1.12E-07	5YrCancerI	9.69E-08	8.87E-09	2.13E-10	1.42E-12	0.00E+00	0.00E+00	6.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		670140.6	4341276	1.37E-07	5YrCancerI	1.18E-07	1.08E-08	2.60E-10	1.65E-12	0.00E+00	0.00E+00	7.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL		670361.9	4341276	1.48E-07	5YrCancerI	1.30E-07	1.07E-08	2.56E-10	1.58E-12	0.00E+00	0.00E+00	7.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL		670583.2	4341276	1.28E-07	5YrCancerI	1.16E-07	7.46E-09	1.79E-10	1.11E-12	0.00E+00	0.00E+00	4.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL		670804.5	4341276	1.09E-07	5YrCancerI	1.01E-07	4.65E-09	1.12E-10	7.48E-13	0.00E+00	0.00E+00	3.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		671025.8	4341276	8.84E-08	5YrCancerI	8.27E-08	3.35E-09	8.05E-11	5.75E-13	0.00E+00	0.00E+00	2.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL		671247.1	4341276	8.96E-08	5YrCancerI	8.43E-08	3.08E-09	7.38E-11	5.44E-13	0.00E+00	0.00E+00	2.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL		671468.4	4341276	1.02E-07	5YrCancerI	9.78E-08	2.69E-09	6.46E-11	5.12E-13	0.00E+00	0.00E+00	1.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL		671689.8	4341276	9.12E-08	5YrCancerI	8.72E-08	2.33E-09	5.59E-11	4.84E-13	0.00E+00	0.00E+00	1.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		671911.1	4341276	6.45E-08	5YrCancerI	6.11E-08	1.95E-09	4.67E-11	4.23E-13	0.00E+00	0.00E+00	1.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		672132.4	4341276	3.43E-08	5YrCancerI	3.22E-08	1.27E-09	3.03E-11	2.95E-13	0.00E+00	0.00E+00	8.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		672353.7	4341276	2.68E-08	5YrCancerI	2.51E-08	1.03E-09	2.47E-11	2.51E-13	0.00E+00	0.00E+00	6.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL		672575	4341276	3.23E-08	5YrCancerI	3.02E-08	1.25E-09	2.98E-11	3.00E-13	0.00E+00	0.00E+00	8.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		668148.8	4341441	6.03E-08	5YrCancerI	5.47E-08	3.31E-09	7.91E-11	1.06E-12	0.00E+00	0.00E+00	2.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL		668370.1	4341441	4.96E-08	5YrCancerI	4.46E-08	2.98E-09	7.14E-11	8.39E-13	0.00E+00	0.00E+00	2.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL		668591.4	4341441	4.46E-08	5YrCancerI	3.96E-08	2.93E-09	7.03E-11	7.24E-13	0.00E+00	0.00E+00	1.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL		668812.7	4341441	4.91E-08	5YrCancerI	4.33E-08	3.42E-09	8.20E-11	7.84E-13	0.00E+00	0.00E+00	2.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL		669034	4341441	5.70E-08	5YrCancerI	4.99E-08	4.15E-09	9.94E-11	9.05E-13	0.00E+00	0.00E+00	2.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL		669255.3	4341441	6.42E-08	5YrCancerI	5.64E-08	4.58E-09	1.10E-10	1.01E-12	0.00E+00	0.00E+00	3.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

91	ALL	669476.7	4341441	7.19E-08	5YrCancerI	6.27E-08	5.40E-09	1.29E-10	1.10E-12	0.00E+00	0.00E+00	3.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	669698	4341441	8.36E-08	5YrCancerI	7.20E-08	6.76E-09	1.62E-10	1.23E-12	0.00E+00	0.00E+00	4.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	669919.3	4341441	1.06E-07	5YrCancerI	9.16E-08	8.61E-09	2.07E-10	1.45E-12	0.00E+00	0.00E+00	5.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	670140.6	4341441	1.33E-07	5YrCancerI	1.14E-07	1.15E-08	2.76E-10	1.78E-12	0.00E+00	0.00E+00	7.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	670361.9	4341441	1.64E-07	5YrCancerI	1.41E-07	1.39E-08	3.33E-10	2.01E-12	0.00E+00	0.00E+00	9.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	670583.2	4341441	1.62E-07	5YrCancerI	1.42E-07	1.18E-08	2.83E-10	1.68E-12	0.00E+00	0.00E+00	7.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	670804.5	4341441	1.65E-07	5YrCancerI	1.52E-07	7.77E-09	1.87E-10	1.18E-12	0.00E+00	0.00E+00	5.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	671025.8	4341441	1.40E-07	5YrCancerI	1.32E-07	4.91E-09	1.18E-10	8.02E-13	0.00E+00	0.00E+00	3.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	671689.8	4341441	2.45E-07	5YrCancerI	2.39E-07	3.51E-09	8.43E-11	7.03E-13	0.00E+00	0.00E+00	2.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	671911.1	4341441	8.83E-08	5YrCancerI	8.45E-08	2.23E-09	5.34E-11	4.82E-13	0.00E+00	0.00E+00	1.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	672132.4	4341441	4.63E-08	5YrCancerI	4.37E-08	1.53E-09	3.66E-11	3.39E-13	0.00E+00	0.00E+00	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	672353.7	4341441	3.84E-08	5YrCancerI	3.60E-08	1.43E-09	3.42E-11	3.18E-13	0.00E+00	0.00E+00	9.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	672575	4341441	5.03E-08	5YrCancerI	4.75E-08	1.61E-09	3.86E-11	3.80E-13	0.00E+00	0.00E+00	1.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	668148.8	4341606	6.12E-08	5YrCancerI	5.56E-08	3.33E-09	7.96E-11	1.09E-12	0.00E+00	0.00E+00	2.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	668370.1	4341606	4.77E-08	5YrCancerI	4.29E-08	2.87E-09	6.86E-11	8.13E-13	0.00E+00	0.00E+00	1.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	668591.4	4341606	4.51E-08	5YrCancerI	4.02E-08	2.89E-09	6.91E-11	7.46E-13	0.00E+00	0.00E+00	1.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	668812.7	4341606	5.06E-08	5YrCancerI	4.50E-08	3.29E-09	7.88E-11	8.32E-13	0.00E+00	0.00E+00	2.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	669034	4341606	5.75E-08	5YrCancerI	5.11E-08	3.76E-09	9.00E-11	9.42E-13	0.00E+00	0.00E+00	2.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	669255.3	4341606	6.51E-08	5YrCancerI	5.77E-08	4.32E-09	1.03E-10	1.05E-12	0.00E+00	0.00E+00	2.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	669476.7	4341606	7.15E-08	5YrCancerI	6.29E-08	5.01E-09	1.20E-10	1.13E-12	0.00E+00	0.00E+00	3.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	669698	4341606	7.87E-08	5YrCancerI	6.86E-08	5.88E-09	1.41E-10	1.19E-12	0.00E+00	0.00E+00	4.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	669919.3	4341606	9.19E-08	5YrCancerI	7.93E-08	7.33E-09	1.76E-10	1.36E-12	0.00E+00	0.00E+00	5.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	670140.6	4341606	1.20E-07	5YrCancerI	1.02E-07	1.04E-08	2.50E-10	1.71E-12	0.00E+00	0.00E+00	7.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	670361.9	4341606	1.55E-07	5YrCancerI	1.31E-07	1.43E-08	3.43E-10	2.12E-12	0.00E+00	0.00E+00	9.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	670583.2	4341606	2.05E-07	5YrCancerI	1.74E-07	1.82E-08	4.37E-10	2.54E-12	0.00E+00	0.00E+00	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	670804.5	4341606	2.52E-07	5YrCancerI	2.25E-07	1.61E-08	3.87E-10	2.29E-12	0.00E+00	0.00E+00	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	671025.8	4341606	2.39E-07	5YrCancerI	2.25E-07	8.43E-09	2.02E-10	1.31E-12	0.00E+00	0.00E+00	5.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	671689.8	4341606	4.55E-07	5YrCancerI	4.46E-07	4.85E-09	1.16E-10	9.20E-13	0.00E+00	0.00E+00	3.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	671911.1	4341606	1.31E-07	5YrCancerI	1.26E-07	2.87E-09	6.88E-11	5.97E-13	0.00E+00	0.00E+00	1.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	672132.4	4341606	6.90E-08	5YrCancerI	6.54E-08	2.12E-09	5.08E-11	4.40E-13	0.00E+00	0.00E+00	1.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	672353.7	4341606	4.87E-08	5YrCancerI	4.58E-08	1.73E-09	4.14E-11	3.77E-13	0.00E+00	0.00E+00	1.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	672575	4341606	5.63E-08	5YrCancerI	5.31E-08	1.90E-09	4.55E-11	4.35E-13	0.00E+00	0.00E+00	1.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	668148.8	4341771	9.79E-08	5YrCancerI	8.98E-08	4.80E-09	1.15E-10	1.81E-12	0.00E+00	0.00E+00	3.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	668370.1	4341771	5.56E-08	5YrCancerI	5.03E-08	3.15E-09	7.54E-11	9.77E-13	0.00E+00	0.00E+00	2.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	668591.4	4341771	5.40E-08	5YrCancerI	4.87E-08	3.13E-09	7.49E-11	9.30E-13	0.00E+00	0.00E+00	2.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	668812.7	4341771	5.55E-08	5YrCancerI	4.99E-08	3.33E-09	7.97E-11	9.45E-13	0.00E+00	0.00E+00	2.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	669034	4341771	6.17E-08	5YrCancerI	5.53E-08	3.77E-09	9.02E-11	1.04E-12	0.00E+00	0.00E+00	2.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	669255.3	4341771	6.93E-08	5YrCancerI	6.18E-08	4.43E-09	1.06E-10	1.16E-12	0.00E+00	0.00E+00	3.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	669476.7	4341771	7.19E-08	5YrCancerI	6.40E-08	4.64E-09	1.11E-10	1.17E-12	0.00E+00	0.00E+00	3.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	669698	4341771	7.22E-08	5YrCancerI	6.38E-08	4.90E-09	1.17E-10	1.14E-12	0.00E+00	0.00E+00	3.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	669919.3	4341771	7.88E-08	5YrCancerI	6.87E-08	5.92E-09	1.42E-10	1.24E-12	0.00E+00	0.00E+00	4.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	670140.6	4341771	9.39E-08	5YrCancerI	8.08E-08	7.73E-09	1.85E-10	1.43E-12	0.00E+00	0.00E+00	5.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	670361.9	4341771	1.16E-07	5YrCancerI	9.86E-08	1.04E-08	2.49E-10	1.70E-12	0.00E+00	0.00E+00	7.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	670583.2	4341771	2.19E-07	5YrCancerI	1.83E-07	2.10E-08	5.04E-10	3.07E-12	0.00E+00	0.00E+00	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	670804.5	4341771	3.35E-07	5YrCancerI	2.90E-07	2.60E-08	6.23E-10	3.79E-12	0.00E+00	0.00E+00	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	671025.8	4341771	4.68E-07	5YrCancerI	4.27E-07	2.36E-08	5.66E-10	3.45E-12	0.00E+00	0.00E+00	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	671689.8	4341771	3.67E-07	5YrCancerI	3.58E-07	5.07E-09	1.22E-10	9.39E-13	0.00E+00	0.00E+00	3.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	671911.1	4341771	1.53E-07	5YrCancerI	1.47E-07	3.72E-09	8.93E-11	7.35E-13	0.00E+00	0.00E+00	2.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	672132.4	4341771	7.19E-08	5YrCancerI	6.78E-08	2.37E-09	5.69E-11	4.82E-13	0.00E+00	0.00E+00	1.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	672353.7	4341771	4.74E-08	5YrCancerI	4.44E-08	1.79E-09	4.30E-11	3.93E-13	0.00E+00	0.00E+00	1.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	672575	4341771	5.99E-08	5YrCancerI	5.64E-08	2.11E-09	5.05E-11	4.79E-13	0.00E+00	0.00E+00	1.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	668148.8	4341936	1.51E-07	5YrCancerI	1.39E-07	7.04E-09	1.68E-10	2.87E-12	0.00E+00	0.00E+00	4.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	668370.1	4341936	1.05E-07	5YrCancerI	9.67E-08	5.12E-09	1.23E-10	1.94E-12	0.00E+00	0.00E+00	3.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	668591.4	4341936	6.56E-08	5YrCancerI	5.96E-08	3.56E-09	8.51E-11	1.16E-12	0.00E+00	0.00E+00	2.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	668812.7	4341936	6.01E-08	5YrCancerI	5.42E-08	3.47E-09	8.31E-11	1.05E-12	0.00E+00	0.00E+00	2.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	669034	4341936	6.76E-08	5YrCancerI	6.09E-08	3.98E-09	9.53E-11	1.17E-12	0.00E+00	0.00E+00	2.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	669255.3	4341936	7.38E-08	5YrCancerI	6.65E-08	4.34E-09	1.04E-10	1.28E-12	0.00E+00	0.00E+00	2.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	669476.7	4341936	7.29E-08	5YrCancerI	6.54E-08	4.40E-09	1.05E-10	1.25E-12	0.00E+00	0.00E+00	2.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	669698	4341936	7.10E-08	5YrCancerI	6.29E-08	4.75E-09	1.14E-10	1.21E-12	0.00E+00	0.00E+00	3.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	669919.3	4341936	6.90E-08	5YrCancerI	6.06E-08	4.98E-09	1.19E-10	1.14E-12	0.00E+00	0.00E+00	3.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	670140.6	4341936	7.58E-08	5YrCancerI	6.60E-08	5.77E-09	1.38E-10	1.20E-12	0.00E+00	0.00E+00	3.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	670361.9	4341936	9.78E-08	5YrCancerI	8.46E-08	7.77E-09	1.86E-10	1.48E-12	0.00E+00	0.00E+00	5.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	670583.2	4341936	1.62E-07	5YrCancerI	1.41E-07	1.26E-08	3.01E-10	2.24E-12	0.00E+00	0.00E+00	8.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	670804.5	4341936	3.19E-07	5YrCancerI	2.75E-07	2.37E-08	5.68E-10	3.82E-12	0.00E+00	0.00E+00	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	671468.4	4341936	1.08E-06	5YrCancerI	1.06E-06	1.31E-08	3.14E-10	2.01E-12	0.00E+00	0.00E+00	8.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	671689.8	4341936	2.89E-07	5YrCancerI	2.77E-07	6.85E-09	1.64E-10	1.16E-12	0.00E+00	0.00E+00	4.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	671911.1	4341936	1.41E-07	5YrCancerI	1.33E-07	4.45E-09	1.07E-10	8.33E-13	0.00E+00	0.00E+00	2.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	672132.4	4341936	7.32E-08	5YrCancerI	6.85E-08	2.82E-09	6.76E-11	5.59E-13	0.00E+00	0.00E+00	1.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	672353.7	4341936	4.79E-08	5YrCancerI	4.46E-08	2.00E-09	4.79E-11	4.32E-13	0.00E+00	0.00E+00	1.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	672575	4341936	4.87E-08	5YrCancerI	4.53E-08	2.01E-09	4.82E-11	4.65E-13	0.00E+00	0.00E+00	1.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	668148.8	4342101	2.03E-07	5YrCancerI	1.87E-07	9.23E-09	2.20E-10	3.88E-12	0.00E+00	0.00E+00	5.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	668370.1	4342101	1.24E-07	5YrCancerI	1.14E-07	5.94E-09	1.42E-10	2.32E-12	0.00E+00	0.00E+00	3.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	668591.4	4342101	7.86E-08	5YrCancerI	7.16E-08	4.15E-09	9.92E-11	1.43E-12	0.00E+00	0.00E+00	2.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	668812.7	4342101	7.11E-08	5YrCancerI	6.45E-08	3.93E-09	9.40E-11	1.27E-12	0.00E+00	0.00E+00	2.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	669034	4342101	7.91E-08	5YrCancerI	7.15E-08	4.49E-09	1.07E-10	1.42E-12	0.00E+00	0.00E+00	3.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	669255.3	4342101	8.72E-08	5YrCancerI	7.88E-08	4.97E-09	1.19E-10	1.57E-12	0.00E+00	0.00E+00	3.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	669476.7	4342101	8.28E-08	5YrCancerI	7.47E-08	4.75E-09	1.14E-10	1.45E-12	0.00E+00	0.00E+00	3.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	669698	4342101	7.72E-08	5YrCancerI	6.92E-08	4.72E-09	1.13E-10	1.31E-12	0.00E+00	0.00E+00	3.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	669919.3	4342101	7.80E-08	5YrCancerI	6.93E-08	5.08E-09	1.22E-10	1.27E-12	0.00E+00	0.00E+00	3.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	670140.6	4342101	8.45E-08	5YrCancerI	7.45E-08	5.87E-09	1.41E-10	1.33E-12	0.00E+00	0.00E+00	3.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	670361.9	4342101	1.11E-07	5YrCancerI	9.84E-08	7.07E-09	1.69E-10	1.55E-12	0.00E+00	0.00E+00	5.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	670583.2	4342101	1.59E-07	5YrCancerI	1.40E-07	1.06E-08	2.54E-10	2.17E-12	0.00E+00	0.00E+00	8.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	671468.4	4342101	5.00E-07	5YrCancerI	4.74E-07	1.56E-08	3.74E-10	2.35E-12	0.00E+00	0.00E+00	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	671689.8	4342101	2.19E-07	5YrCancerI	2.06E-07	7.66E-09	1.84E-10	1.28E-12	0.00E+00	0.00E+00	5.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	671911.1	4342101	1.25E-07	5YrCancerI	1.17E-07	4.85E-09	1.16E-10	9.04E-13	0.00E+00	0.00E+00	3.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	672132.4	4342101	7.50E-08	5YrCancerI	6.95E-08	3.20E-09	7.67E-11	6.38E-13	0.00E+00	0.00E+00	2.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	672353.7	4342101	4.99E-08	5YrCancerI	4.61E-08	2.27E-09	5.43E-11	4.86E-13	0.00E+00	0.00E+00	1.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	672575	4342101	4.74E-08	5YrCancerI	4.39E-08	2.08E-09	4.98E-11	4.83E-13	0.00E+00	0.00E+00	1.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	668148.8	4342266	2.71E-07	5YrCancerI	2.50E-07	1.21E-08	2.90E-10	5.20E-12	0.00E+00	0.00E+00	7.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	668370.1	4342266	1.80E-07	5YrCancerI	1.66E-07	8.33E-09	1.99E-10	3.40E-12	0.00E+00	0.00E+00	5.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	668591.4	4342266	1.66E-07	5YrCancerI	1.53E-07	7.77E-09	1.86E-10	3.11E-12	0.00E+00	0.00E+00	5.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

182	ALL	668812.7	4342266	1.16E-07	5YrCancerI	1.07E-07	5.77E-09	1.38E-10	2.14E-12	0.00E+00	0.00E+00	3.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	669034	4342266	1.11E-07	5YrCancerI	1.02E-07	5.67E-09	1.36E-10	2.04E-12	0.00E+00	0.00E+00	3.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	669255.3	4342266	1.11E-07	5YrCancerI	1.01E-07	5.87E-09	1.40E-10	2.03E-12	0.00E+00	0.00E+00	3.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	669476.7	4342266	1.03E-07	5YrCancerI	9.35E-08	5.75E-09	1.37E-10	1.86E-12	0.00E+00	0.00E+00	3.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	669698	4342266	9.28E-08	5YrCancerI	8.30E-08	5.74E-09	1.37E-10	1.64E-12	0.00E+00	0.00E+00	3.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	669919.3	4342266	9.20E-08	5YrCancerI	8.15E-08	6.05E-09	1.45E-10	1.56E-12	0.00E+00	0.00E+00	4.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	670140.6	4342266	1.01E-07	5YrCancerI	8.95E-08	6.81E-09	1.63E-10	1.64E-12	0.00E+00	0.00E+00	4.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	670361.9	4342266	1.24E-07	5YrCancerI	1.09E-07	8.43E-09	2.02E-10	1.96E-12	0.00E+00	0.00E+00	6.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	670583.2	4342266	1.65E-07	5YrCancerI	1.45E-07	1.14E-08	2.73E-10	2.49E-12	0.00E+00	0.00E+00	8.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	670804.5	4342266	2.80E-07	5YrCancerI	2.44E-07	1.98E-08	4.74E-10	4.01E-12	0.00E+00	0.00E+00	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	671025.8	4342266	6.76E-07	5YrCancerI	5.80E-07	5.40E-08	1.29E-09	1.06E-11	0.00E+00	0.00E+00	4.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	671247.1	4342266	8.23E-07	5YrCancerI	7.42E-07	4.71E-08	1.13E-09	8.98E-12	0.00E+00	0.00E+00	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	671468.4	4342266	3.44E-07	5YrCancerI	3.21E-07	1.35E-08	3.24E-10	2.24E-12	0.00E+00	0.00E+00	9.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	671689.8	4342266	1.80E-07	5YrCancerI	1.68E-07	7.26E-09	1.74E-10	1.30E-12	0.00E+00	0.00E+00	4.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	671911.1	4342266	1.07E-07	5YrCancerI	9.86E-08	4.71E-09	1.13E-10	9.03E-13	0.00E+00	0.00E+00	3.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	672132.4	4342266	7.47E-08	5YrCancerI	6.90E-08	3.41E-09	8.19E-11	7.06E-13	0.00E+00	0.00E+00	2.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	672353.7	4342266	5.43E-08	5YrCancerI	5.00E-08	2.53E-09	6.06E-11	5.54E-13	0.00E+00	0.00E+00	1.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	672575	4342266	5.90E-08	5YrCancerI	5.49E-08	2.44E-09	5.85E-11	5.65E-13	0.00E+00	0.00E+00	1.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	668148.8	4342431	3.28E-07	5YrCancerI	3.04E-07	1.47E-08	3.50E-10	6.35E-12	0.00E+00	0.00E+00	9.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	668370.1	4342431	3.69E-07	5YrCancerI	3.42E-07	1.64E-08	3.92E-10	7.12E-12	0.00E+00	0.00E+00	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	668591.4	4342431	3.51E-07	5YrCancerI	3.25E-07	1.57E-08	3.74E-10	6.73E-12	0.00E+00	0.00E+00	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	668812.7	4342431	3.02E-07	5YrCancerI	2.79E-07	1.36E-08	3.24E-10	5.71E-12	0.00E+00	0.00E+00	8.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	669034	4342431	2.37E-07	5YrCancerI	2.19E-07	1.08E-08	2.59E-10	4.39E-12	0.00E+00	0.00E+00	7.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	669255.3	4342431	1.81E-07	5YrCancerI	1.66E-07	8.62E-09	2.06E-10	3.30E-12	0.00E+00	0.00E+00	5.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	669476.7	4342431	1.35E-07	5YrCancerI	1.23E-07	7.14E-09	1.71E-10	2.52E-12	0.00E+00	0.00E+00	4.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	669698	4342431	1.12E-07	5YrCancerI	1.01E-07	6.41E-09	1.53E-10	2.05E-12	0.00E+00	0.00E+00	4.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	669919.3	4342431	1.08E-07	5YrCancerI	9.65E-08	6.62E-09	1.58E-10	1.94E-12	0.00E+00	0.00E+00	4.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	670140.6	4342431	1.16E-07	5YrCancerI	1.03E-07	7.47E-09	1.79E-10	2.06E-12	0.00E+00	0.00E+00	5.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	670361.9	4342431	1.35E-07	5YrCancerI	1.19E-07	9.16E-09	2.19E-10	2.31E-12	0.00E+00	0.00E+00	6.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	670583.2	4342431	1.83E-07	5YrCancerI	1.60E-07	1.31E-08	3.15E-10	2.94E-12	0.00E+00	0.00E+00	9.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	670804.5	4342431	3.00E-07	5YrCancerI	2.58E-07	2.37E-08	5.68E-10	4.91E-12	0.00E+00	0.00E+00	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	671025.8	4342431	6.48E-07	5YrCancerI	5.48E-07	5.81E-08	1.39E-09	1.56E-11	0.00E+00	0.00E+00	3.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	671247.1	4342431	4.09E-07	5YrCancerI	3.63E-07	2.70E-08	6.47E-10	4.75E-12	0.00E+00	0.00E+00	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	671468.4	4342431	2.40E-07	5YrCancerI	2.21E-07	1.11E-08	2.67E-10	1.96E-12	0.00E+00	0.00E+00	7.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	671689.8	4342431	1.41E-07	5YrCancerI	1.31E-07	6.23E-09	1.49E-10	1.18E-12	0.00E+00	0.00E+00	4.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	671911.1	4342431	9.08E-08	5YrCancerI	8.38E-08	4.17E-09	1.00E-10	8.55E-13	0.00E+00	0.00E+00	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	672132.4	4342431	6.80E-08	5YrCancerI	6.25E-08	3.20E-09	7.68E-11	7.01E-13	0.00E+00	0.00E+00	2.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	672353.7	4342431	6.84E-08	5YrCancerI	6.36E-08	2.84E-09	6.80E-11	6.63E-13	0.00E+00	0.00E+00	1.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	672575	4342431	5.71E-08	5YrCancerI	5.29E-08	2.47E-09	5.91E-11	5.94E-13	0.00E+00	0.00E+00	1.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	668148.8	4342596	4.06E-07	5YrCancerI	3.76E-07	1.80E-08	4.31E-10	7.88E-12	0.00E+00	0.00E+00	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	668370.1	4342596	5.08E-07	5YrCancerI	4.71E-07	2.24E-08	5.35E-10	9.85E-12	0.00E+00	0.00E+00	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	668591.4	4342596	5.58E-07	5YrCancerI	5.17E-07	2.45E-08	5.86E-10	1.08E-11	0.00E+00	0.00E+00	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	668812.7	4342596	5.39E-07	5YrCancerI	4.99E-07	2.36E-08	5.65E-10	1.03E-11	0.00E+00	0.00E+00	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	669034	4342596	4.16E-07	5YrCancerI	3.86E-07	1.84E-08	4.39E-10	7.80E-12	0.00E+00	0.00E+00	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	669255.3	4342596	2.80E-07	5YrCancerI	2.58E-07	1.28E-08	3.06E-10	5.17E-12	0.00E+00	0.00E+00	8.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	669476.7	4342596	2.09E-07	5YrCancerI	1.92E-07	1.01E-08	2.42E-10	3.85E-12	0.00E+00	0.00E+00	6.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	669698	4342596	1.51E-07	5YrCancerI	1.37E-07	8.27E-09	1.98E-10	2.86E-12	0.00E+00	0.00E+00	5.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	669919.3	4342596	1.41E-07	5YrCancerI	1.27E-07	8.25E-09	1.97E-10	2.69E-12	0.00E+00	0.00E+00	5.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	670140.6	4342596	1.41E-07	5YrCancerI	1.25E-07	8.97E-09	2.15E-10	2.64E-12	0.00E+00	0.00E+00	6.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	670361.9	4342596	1.60E-07	5YrCancerI	1.40E-07	1.16E-08	2.78E-10	2.90E-12	0.00E+00	0.00E+00	8.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	670583.2	4342596	2.01E-07	5YrCancerI	1.75E-07	1.52E-08	3.63E-10	3.33E-12	0.00E+00	0.00E+00	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	670804.5	4342596	2.94E-07	5YrCancerI	2.53E-07	2.40E-08	5.76E-10	5.52E-12	0.00E+00	0.00E+00	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	671025.8	4342596	4.42E-07	5YrCancerI	3.77E-07	3.87E-08	9.27E-10	1.05E-11	0.00E+00	0.00E+00	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	671247.1	4342596	2.98E-07	5YrCancerI	2.63E-07	2.03E-08	4.86E-10	3.81E-12	0.00E+00	0.00E+00	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	671468.4	4342596	1.77E-07	5YrCancerI	1.61E-07	9.17E-09	2.20E-10	1.69E-12	0.00E+00	0.00E+00	6.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	671689.8	4342596	1.09E-07	5YrCancerI	1.00E-07	5.06E-09	1.21E-10	1.03E-12	0.00E+00	0.00E+00	3.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	671911.1	4342596	7.46E-08	5YrCancerI	6.86E-08	3.57E-09	8.57E-11	7.76E-13	0.00E+00	0.00E+00	2.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	672132.4	4342596	5.90E-08	5YrCancerI	5.42E-08	2.87E-09	6.88E-11	6.56E-13	0.00E+00	0.00E+00	1.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	672353.7	4342596	5.67E-08	5YrCancerI	5.23E-08	2.60E-09	6.22E-11	6.34E-13	0.00E+00	0.00E+00	1.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	672575	4342596	5.39E-08	5YrCancerI	4.99E-08	2.36E-09	5.67E-11	5.81E-13	0.00E+00	0.00E+00	1.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	668148.8	4342761	4.89E-07	5YrCancerI	4.53E-07	2.16E-08	5.15E-10	9.47E-12	0.00E+00	0.00E+00	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	668370.1	4342761	7.26E-07	5YrCancerI	6.73E-07	3.17E-08	7.56E-10	1.41E-11	0.00E+00	0.00E+00	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	668591.4	4342761	9.20E-07	5YrCancerI	8.53E-07	3.99E-08	9.53E-10	1.78E-11	0.00E+00	0.00E+00	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	668812.7	4342761	1.02E-06	5YrCancerI	9.50E-07	4.41E-08	1.05E-09	1.97E-11	0.00E+00	0.00E+00	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	669034	4342761	6.92E-07	5YrCancerI	6.42E-07	3.00E-08	7.18E-10	1.31E-11	0.00E+00	0.00E+00	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	669255.3	4342761	4.66E-07	5YrCancerI	4.31E-07	2.08E-08	4.98E-10	8.82E-12	0.00E+00	0.00E+00	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	669476.7	4342761	3.44E-07	5YrCancerI	3.17E-07	1.61E-08	3.84E-10	6.56E-12	0.00E+00	0.00E+00	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	669698	4342761	2.20E-07	5YrCancerI	2.00E-07	1.16E-08	2.77E-10	4.26E-12	0.00E+00	0.00E+00	7.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	669919.3	4342761	1.86E-07	5YrCancerI	1.67E-07	1.07E-08	2.56E-10	3.64E-12	0.00E+00	0.00E+00	7.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	670140.6	4342761	1.70E-07	5YrCancerI	1.52E-07	1.06E-08	2.54E-10	3.20E-12	0.00E+00	0.00E+00	7.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	670361.9	4342761	1.83E-07	5YrCancerI	1.62E-07	1.26E-08	3.02E-10	3.39E-12	0.00E+00	0.00E+00	8.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	670583.2	4342761	2.06E-07	5YrCancerI	1.79E-07	1.58E-08	3.79E-10	3.78E-12	0.00E+00	0.00E+00	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	670804.5	4342761	3.24E-07	5YrCancerI	2.75E-07	2.85E-08	6.83E-10	8.72E-12	0.00E+00	0.00E+00	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	671025.8	4342761	2.66E-07	5YrCancerI	2.30E-07	2.15E-08	5.15E-10	5.01E-12	0.00E+00	0.00E+00	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	671247.1	4342761	2.02E-07	5YrCancerI	1.79E-07	1.37E-08	3.28E-10	2.60E-12	0.00E+00	0.00E+00	9.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	671468.4	4342761	1.43E-07	5YrCancerI	1.30E-07	8.01E-09	1.92E-10	1.54E-12	0.00E+00	0.00E+00	5.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	671689.8	4342761	9.64E-08	5YrCancerI	8.84E-08	4.73E-09	1.13E-10	1.00E-12	0.00E+00	0.00E+00	3.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	671911.1	4342761	6.46E-08	5YrCancerI	5.93E-08	3.09E-09	7.41E-11	7.16E-13	0.00E+00	0.00E+00	2.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	672132.4	4342761	5.23E-08	5YrCancerI	4.79E-08	2.61E-09	6.25E-11	6.17E-13	0.00E+00	0.00E+00	1.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	672353.7	4342761	4.82E-08	5YrCancerI	4.42E-08	2.35E-09	5.62E-11	5.90E-13	0.00E+00	0.00E+00	1.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	672575	4342761	4.42E-08	5YrCancerI	4.08E-08	2.02E-09	4.85E-11	5.26E-13	0.00E+00	0.00E+00	1.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	668148.8	4342926	4.96E-07	5YrCancerI	4.59E-07	2.19E-08	5.22E-10	9.57E-12	0.00E+00	0.00E+00	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	668370.1	4342926	8.66E-07	5YrCancerI	8.03E-07	3.76E-08	8.97E-10	1.67E-11	0.00E+00	0.00E+00	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	668591.4	4342926	1.30E-06	5YrCancerI	1.21E-06	5.55E-08	1.33E-09	2.50E-11	0.00E+00	0.00E+00	3.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	668812.7	4342926	1.95E-06	5YrCancerI	1.82E-06	8.26E-08	1.97E-09	3.74E-11	0.00E+00	0.00E+00	5.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	669034	4342926	2.65E-06	5YrCancerI	2.46E-06	1.10E-07	2.62E-09	4.98E-11	0.00E+00	0.00E+00	7.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	669476.7	4342926	7.37E-07	5YrCancerI	6.82E-07	3.29E-08	7.86E-10	1.43E-11	0.00E+00	0.00E+00	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	669698	4342926	3.32E-07	5YrCancerI	3.04E-07	1.70E-08	4.06E-10	6.66E-12	0.00E+00	0.00E+00	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	669919.3	4342926	2.26E-07	5YrCancerI	2.04E-07	1.27E-08	3.04E-10	4.46E-12	0.00E+00	0.00E+00	8.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	670140.6	4342926	1.91E-07	5YrCancerI	1.71E-07	1.18E-08	2.83E-10	3.60E-12	0.00E+00	0.00E+00	7.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	670361.9	4342926	1.91E-07	5YrCancerI	1.69E-07	1.34E-08	3.20E-10	3.66E-12	0.00E+00	0.00E+00	8.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

273	ALL	670583.2	4342926	2.82E-07	5YrCancerI	2.41E-07	2.43E-08	5.80E-10	8.04E-12	0.00E+00	0.00E+00	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	670804.5	4342926	2.55E-07	5YrCancerI	2.18E-07	2.14E-08	5.14E-10	6.36E-12	0.00E+00	0.00E+00	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	671025.8	4342926	1.77E-07	5YrCancerI	1.54E-07	1.33E-08	3.20E-10	2.90E-12	0.00E+00	0.00E+00	8.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	671247.1	4342926	1.57E-07	5YrCancerI	1.39E-07	1.05E-08	2.52E-10	2.09E-12	0.00E+00	0.00E+00	7.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	671468.4	4342926	1.14E-07	5YrCancerI	1.03E-07	6.52E-09	1.56E-10	1.33E-12	0.00E+00	0.00E+00	4.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	671689.8	4342926	8.25E-08	5YrCancerI	7.54E-08	4.22E-09	1.01E-10	9.22E-13	0.00E+00	0.00E+00	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	671911.1	4342926	5.85E-08	5YrCancerI	5.37E-08	2.86E-09	6.85E-11	6.80E-13	0.00E+00	0.00E+00	1.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	672132.4	4342926	4.36E-08	5YrCancerI	4.00E-08	2.14E-09	5.13E-11	5.42E-13	0.00E+00	0.00E+00	1.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	672353.7	4342926	4.03E-08	5YrCancerI	3.69E-08	2.03E-09	4.87E-11	5.12E-13	0.00E+00	0.00E+00	1.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	672575	4342926	3.66E-08	5YrCancerI	3.35E-08	1.81E-09	4.33E-11	4.78E-13	0.00E+00	0.00E+00	1.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	668148.8	4343090	4.49E-07	5YrCancerI	4.16E-07	1.99E-08	4.75E-10	8.66E-12	0.00E+00	0.00E+00	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	668370.1	4343090	8.55E-07	5YrCancerI	7.93E-07	3.71E-08	8.87E-10	1.65E-11	0.00E+00	0.00E+00	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	668591.4	4343090	1.79E-06	5YrCancerI	1.66E-06	7.54E-08	1.80E-09	3.41E-11	0.00E+00	0.00E+00	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	669476.7	4343090	1.10E-06	5YrCancerI	1.02E-06	4.89E-08	1.17E-09	2.17E-11	0.00E+00	0.00E+00	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	669698	4343090	4.18E-07	5YrCancerI	3.82E-07	2.14E-08	5.12E-10	8.81E-12	0.00E+00	0.00E+00	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	669919.3	4343090	2.62E-07	5YrCancerI	2.36E-07	1.59E-08	3.79E-10	5.85E-12	0.00E+00	0.00E+00	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	670140.6	4343090	2.05E-07	5YrCancerI	1.82E-07	1.38E-08	3.31E-10	4.44E-12	0.00E+00	0.00E+00	9.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	670361.9	4343090	2.52E-07	5YrCancerI	2.16E-07	2.11E-08	5.05E-10	7.34E-12	0.00E+00	0.00E+00	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	670583.2	4343090	2.29E-07	5YrCancerI	1.97E-07	1.94E-08	4.64E-10	6.39E-12	0.00E+00	0.00E+00	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	670804.5	4343090	1.81E-07	5YrCancerI	1.57E-07	1.41E-08	3.38E-10	3.69E-12	0.00E+00	0.00E+00	9.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	671025.8	4343090	1.38E-07	5YrCancerI	1.21E-07	9.99E-09	2.40E-10	2.20E-12	0.00E+00	0.00E+00	6.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	671247.1	4343090	1.24E-07	5YrCancerI	1.10E-07	8.24E-09	1.97E-10	1.69E-12	0.00E+00	0.00E+00	5.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	671468.4	4343090	9.52E-08	5YrCancerI	8.58E-08	5.56E-09	1.33E-10	1.17E-12	0.00E+00	0.00E+00	3.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	671689.8	4343090	7.10E-08	5YrCancerI	6.47E-08	3.73E-09	8.95E-11	8.34E-13	0.00E+00	0.00E+00	2.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	671911.1	4343090	5.24E-08	5YrCancerI	4.80E-08	2.62E-09	6.27E-11	6.31E-13	0.00E+00	0.00E+00	1.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	672132.4	4343090	4.04E-08	5YrCancerI	3.71E-08	2.00E-09	4.78E-11	5.11E-13	0.00E+00	0.00E+00	1.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	672353.7	4343090	3.17E-08	5YrCancerI	2.91E-08	1.58E-09	3.78E-11	4.25E-13	0.00E+00	0.00E+00	1.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	672575	4343090	2.92E-08	5YrCancerI	2.67E-08	1.49E-09	3.57E-11	3.99E-13	0.00E+00	0.00E+00	9.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	668148.8	4343255	3.68E-07	5YrCancerI	3.41E-07	1.64E-08	3.92E-10	7.06E-12	0.00E+00	0.00E+00	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	668370.1	4343255	7.20E-07	5YrCancerI	6.68E-07	3.13E-08	7.47E-10	1.39E-11	0.00E+00	0.00E+00	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	668591.4	4343255	2.71E-06	5YrCancerI	2.52E-06	1.15E-07	2.74E-09	5.23E-11	0.00E+00	0.00E+00	7.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	669476.7	4343255	8.58E-07	5YrCancerI	7.89E-07	4.11E-08	9.81E-10	1.80E-11	0.00E+00	0.00E+00	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	669698	4343255	5.24E-07	5YrCancerI	4.61E-07	3.79E-08	9.06E-10	1.63E-11	0.00E+00	0.00E+00	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	669919.3	4343255	3.55E-07	5YrCancerI	3.08E-07	2.82E-08	6.74E-10	1.16E-11	0.00E+00	0.00E+00	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	670140.6	4343255	3.19E-07	5YrCancerI	2.73E-07	2.77E-08	6.63E-10	1.10E-11	0.00E+00	0.00E+00	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	670361.9	4343255	2.24E-07	5YrCancerI	1.93E-07	1.87E-08	4.47E-10	6.69E-12	0.00E+00	0.00E+00	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	670583.2	4343255	1.64E-07	5YrCancerI	1.43E-07	1.28E-08	3.05E-10	3.86E-12	0.00E+00	0.00E+00	8.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	670804.5	4343255	1.46E-07	5YrCancerI	1.27E-07	1.11E-08	2.66E-10	2.83E-12	0.00E+00	0.00E+00	7.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	671025.8	4343255	1.13E-07	5YrCancerI	9.92E-08	7.91E-09	1.90E-10	1.75E-12	0.00E+00	0.00E+00	5.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	671247.1	4343255	9.91E-08	5YrCancerI	8.82E-08	6.46E-09	1.55E-10	1.36E-12	0.00E+00	0.00E+00	4.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	671468.4	4343255	8.13E-08	5YrCancerI	7.31E-08	4.84E-09	1.16E-10	1.03E-12	0.00E+00	0.00E+00	3.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	671689.8	4343255	6.12E-08	5YrCancerI	5.56E-08	3.30E-09	7.91E-11	7.42E-13	0.00E+00	0.00E+00	2.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	671911.1	4343255	4.63E-08	5YrCancerI	4.24E-08	2.36E-09	5.67E-11	5.69E-13	0.00E+00	0.00E+00	1.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	672132.4	4343255	3.64E-08	5YrCancerI	3.34E-08	1.82E-09	4.35E-11	4.64E-13	0.00E+00	0.00E+00	1.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	672353.7	4343255	2.94E-08	5YrCancerI	2.69E-08	1.47E-09	3.52E-11	3.92E-13	0.00E+00	0.00E+00	9.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	672575	4343255	2.39E-08	5YrCancerI	2.19E-08	1.20E-09	2.87E-11	3.34E-13	0.00E+00	0.00E+00	7.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	668148.8	4343420	3.23E-07	5YrCancerI	2.98E-07	1.44E-08	3.45E-10	6.17E-12	0.00E+00	0.00E+00	9.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	668370.1	4343420	7.12E-07	5YrCancerI	6.61E-07	3.10E-08	7.40E-10	1.38E-11	0.00E+00	0.00E+00	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	668591.4	4343420	2.52E-06	5YrCancerI	2.34E-06	1.08E-07	2.57E-09	4.90E-11	0.00E+00	0.00E+00	6.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	668812.7	4343420	7.63E-06	5YrCancerI	7.09E-06	3.25E-07	7.76E-09	1.49E-10	0.00E+00	0.00E+00	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	669034	4343420	1.01E-05	5YrCancerI	9.37E-06	4.31E-07	1.03E-08	1.98E-10	0.00E+00	0.00E+00	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	669255.3	4343420	4.00E-06	5YrCancerI	3.71E-06	1.73E-07	4.14E-09	7.90E-11	0.00E+00	0.00E+00	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	669476.7	4343420	8.81E-07	5YrCancerI	8.06E-07	4.52E-08	1.08E-09	1.99E-11	0.00E+00	0.00E+00	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	669698	4343420	3.03E-07	5YrCancerI	2.72E-07	1.86E-08	4.45E-10	7.42E-12	0.00E+00	0.00E+00	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	669919.3	4343420	2.22E-07	5YrCancerI	1.96E-07	1.57E-08	3.76E-10	5.89E-12	0.00E+00	0.00E+00	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	670140.6	4343420	1.76E-07	5YrCancerI	1.55E-07	1.29E-08	3.09E-10	4.50E-12	0.00E+00	0.00E+00	8.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	670361.9	4343420	1.47E-07	5YrCancerI	1.28E-07	1.10E-08	2.64E-10	3.50E-12	0.00E+00	0.00E+00	7.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	670583.2	4343420	1.28E-07	5YrCancerI	1.12E-07	9.55E-09	2.29E-10	2.73E-12	0.00E+00	0.00E+00	6.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	670804.5	4343420	1.17E-07	5YrCancerI	1.03E-07	8.70E-09	2.08E-10	2.14E-12	0.00E+00	0.00E+00	5.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	671025.8	4343420	1.01E-07	5YrCancerI	8.96E-08	7.01E-09	1.68E-10	1.56E-12	0.00E+00	0.00E+00	4.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	671247.1	4343420	8.73E-08	5YrCancerI	7.77E-08	5.71E-09	1.37E-10	1.21E-12	0.00E+00	0.00E+00	3.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	671468.4	4343420	6.80E-08	5YrCancerI	6.11E-08	4.07E-09	9.76E-11	8.75E-13	0.00E+00	0.00E+00	2.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	671689.8	4343420	5.38E-08	5YrCancerI	4.88E-08	2.97E-09	7.12E-11	6.66E-13	0.00E+00	0.00E+00	1.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	671911.1	4343420	4.15E-08	5YrCancerI	3.78E-08	2.16E-09	5.17E-11	5.16E-13	0.00E+00	0.00E+00	1.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	672132.4	4343420	3.26E-08	5YrCancerI	2.98E-08	1.65E-09	3.96E-11	4.19E-13	0.00E+00	0.00E+00	1.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	672353.7	4343420	2.64E-08	5YrCancerI	2.42E-08	1.32E-09	3.17E-11	3.53E-13	0.00E+00	0.00E+00	8.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	672575	4343420	2.19E-08	5YrCancerI	2.01E-08	1.10E-09	2.63E-11	3.05E-13	0.00E+00	0.00E+00	7.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	668148.8	4343585	2.58E-07	5YrCancerI	2.39E-07	1.16E-08	2.77E-10	4.87E-12	0.00E+00	0.00E+00	7.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	668370.1	4343585	5.77E-07	5YrCancerI	5.35E-07	2.50E-08	5.98E-10	1.10E-11	0.00E+00	0.00E+00	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	668591.4	4343585	1.84E-06	5YrCancerI	1.71E-06	7.91E-08	1.89E-09	3.59E-11	0.00E+00	0.00E+00	5.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	668812.7	4343585	3.53E-06	5YrCancerI	3.28E-06	1.50E-07	3.59E-09	6.86E-11	0.00E+00	0.00E+00	9.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	669034	4343585	3.64E-06	5YrCancerI	3.38E-06	1.55E-07	3.71E-09	7.09E-11	0.00E+00	0.00E+00	9.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	669255.3	4343585	1.89E-06	5YrCancerI	1.75E-06	8.23E-08	1.97E-09	3.71E-11	0.00E+00	0.00E+00	5.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	669476.7	4343585	6.08E-07	5YrCancerI	5.59E-07	2.91E-08	6.94E-10	1.24E-11	0.00E+00	0.00E+00	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	669698	4343585	2.77E-07	5YrCancerI	2.51E-07	1.51E-08	3.62E-10	5.93E-12	0.00E+00	0.00E+00	9.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	669919.3	4343585	1.80E-07	5YrCancerI	1.61E-07	1.13E-08	2.70E-10	4.02E-12	0.00E+00	0.00E+00	7.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	670140.6	4343585	1.40E-07	5YrCancerI	1.24E-07	9.61E-09	2.30E-10	3.14E-12	0.00E+00	0.00E+00	6.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	670361.9	4343585	1.18E-07	5YrCancerI	1.04E-07	8.49E-09	2.03E-10	2.54E-12	0.00E+00	0.00E+00	5.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	670583.2	4343585	1.05E-07	5YrCancerI	9.20E-08	7.65E-09	1.83E-10	2.10E-12	0.00E+00	0.00E+00	5.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	670804.5	4343585	9.69E-08	5YrCancerI	8.51E-08	7.01E-09	1.68E-10	1.76E-12	0.00E+00	0.00E+00	4.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	671025.8	4343585	8.99E-08	5YrCancerI	7.94E-08	6.27E-09	1.50E-10	1.44E-12	0.00E+00	0.00E+00	4.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	671247.1	4343585	7.34E-08	5YrCancerI	6.53E-08	4.79E-09	1.15E-10	1.02E-12	0.00E+00	0.00E+00	3.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	671468.4	4343585	6.06E-08	5YrCancerI	5.43E-08	3.70E-09	8.87E-11	7.89E-13	0.00E+00	0.00E+00	2.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	671689.8	4343585	4.97E-08	5YrCancerI	4.49E-08	2.84E-09	6.80E-11	6.26E-13	0.00E+00	0.00E+00	1.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	671911.1	4343585	3.86E-08	5YrCancerI	3.51E-08	2.06E-09	4.94E-11	4.84E-13	0.00E+00	0.00E+00	1.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	672132.4	4343585	3.08E-08	5YrCancerI	2.81E-08	1.59E-09	3.82E-11	3.97E-13	0.00E+00	0.00E+00	1.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	672353.7	4343585	2.48E-08	5YrCancerI	2.27E-08	1.25E-09	3.01E-11	3.33E-13	0.00E+00	0.00E+00	8.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	672575	4343585	2.08E-08	5YrCancerI	1.91E-08	1.05E-09	2.51E-11	2.90E-13	0.00E+00	0.00E+00	6.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	668148.8	4343750	3.20E-07	5YrCancerI	2.96E-07	1.42E-08	3.40E-10	6.09E-12	0.00E+00	0.00E+00	9.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	668370.1	4343750	5.41E-07	5YrCancerI	5.01E-07	2.36E-08	5.64E-10	1.04E-11	0.00E+00	0.00E+00	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	668591.4	4343750	1.24E-06	5YrCancerI	1.15E-06	5.30E-08	1.27E-09	2.38E-11	0.00E+00	0.00E+00	3.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

364	ALL	668812.7	4343750	2.11E-06	5YrCancerI	1.96E-06	9.03E-08	2.16E-09	4.09E-11	0.00E+00	0.00E+00	5.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	669034	4343750	1.92E-06	5YrCancerI	1.78E-06	8.27E-08	1.97E-09	3.73E-11	0.00E+00	0.00E+00	5.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	669255.3	4343750	1.14E-06	5YrCancerI	1.05E-06	5.01E-08	1.20E-09	2.22E-11	0.00E+00	0.00E+00	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	669476.7	4343750	4.90E-07	5YrCancerI	4.52E-07	2.32E-08	5.54E-10	9.75E-12	0.00E+00	0.00E+00	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	669698	4343750	2.37E-07	5YrCancerI	2.15E-07	1.27E-08	3.04E-10	4.84E-12	0.00E+00	0.00E+00	8.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	669919.3	4343750	1.55E-07	5YrCancerI	1.39E-07	9.39E-09	2.25E-10	3.23E-12	0.00E+00	0.00E+00	6.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	670140.6	4343750	1.21E-07	5YrCancerI	1.08E-07	7.99E-09	1.91E-10	2.52E-12	0.00E+00	0.00E+00	5.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	670361.9	4343750	1.02E-07	5YrCancerI	9.00E-08	7.12E-09	1.70E-10	2.06E-12	0.00E+00	0.00E+00	4.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	670583.2	4343750	9.08E-08	5YrCancerI	8.00E-08	6.40E-09	1.53E-10	1.73E-12	0.00E+00	0.00E+00	4.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	670804.5	4343750	8.29E-08	5YrCancerI	7.31E-08	5.81E-09	1.39E-10	1.47E-12	0.00E+00	0.00E+00	3.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	671025.8	4343750	7.65E-08	5YrCancerI	6.77E-08	5.22E-09	1.25E-10	1.24E-12	0.00E+00	0.00E+00	3.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	671247.1	4343750	6.82E-08	5YrCancerI	6.08E-08	4.41E-09	1.06E-10	9.70E-13	0.00E+00	0.00E+00	2.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	671468.4	4343750	5.96E-08	5YrCancerI	5.33E-08	3.69E-09	8.85E-11	8.12E-13	0.00E+00	0.00E+00	2.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	671689.8	4343750	5.01E-08	5YrCancerI	4.51E-08	3.00E-09	7.19E-11	6.71E-13	0.00E+00	0.00E+00	1.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	671911.1	4343750	3.94E-08	5YrCancerI	3.57E-08	2.23E-09	5.35E-11	4.97E-13	0.00E+00	0.00E+00	1.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	672132.4	4343750	3.01E-08	5YrCancerI	2.74E-08	1.61E-09	3.87E-11	3.84E-13	0.00E+00	0.00E+00	1.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	672353.7	4343750	2.36E-08	5YrCancerI	2.16E-08	1.22E-09	2.91E-11	3.13E-13	0.00E+00	0.00E+00	7.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	672575	4343750	2.00E-08	5YrCancerI	1.83E-08	1.02E-09	2.44E-11	2.75E-13	0.00E+00	0.00E+00	6.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	668148.8	4343915	3.79E-07	5YrCancerI	3.51E-07	1.68E-08	4.01E-10	7.27E-12	0.00E+00	0.00E+00	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	668370.1	4343915	5.51E-07	5YrCancerI	5.11E-07	2.41E-08	5.76E-10	1.06E-11	0.00E+00	0.00E+00	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	668591.4	4343915	9.32E-07	5YrCancerI	8.65E-07	4.03E-08	9.64E-10	1.80E-11	0.00E+00	0.00E+00	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	668812.7	4343915	1.37E-06	5YrCancerI	1.27E-06	5.89E-08	1.41E-09	2.64E-11	0.00E+00	0.00E+00	3.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	669034	4343915	1.29E-06	5YrCancerI	1.19E-06	5.59E-08	1.33E-09	2.49E-11	0.00E+00	0.00E+00	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	669255.3	4343915	8.01E-07	5YrCancerI	7.41E-07	3.57E-08	8.54E-10	1.56E-11	0.00E+00	0.00E+00	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	669476.7	4343915	3.95E-07	5YrCancerI	3.64E-07	1.88E-08	4.50E-10	7.74E-12	0.00E+00	0.00E+00	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	669698	4343915	2.11E-07	5YrCancerI	1.93E-07	1.12E-08	2.67E-10	4.19E-12	0.00E+00	0.00E+00	7.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	669919.3	4343915	1.38E-07	5YrCancerI	1.24E-07	8.18E-09	1.96E-10	2.76E-12	0.00E+00	0.00E+00	5.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	670140.6	4343915	1.07E-07	5YrCancerI	9.54E-08	6.89E-09	1.65E-10	2.12E-12	0.00E+00	0.00E+00	4.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	670361.9	4343915	9.13E-08	5YrCancerI	8.10E-08	6.14E-09	1.47E-10	1.76E-12	0.00E+00	0.00E+00	4.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	670583.2	4343915	8.11E-08	5YrCancerI	7.17E-08	5.58E-09	1.34E-10	1.49E-12	0.00E+00	0.00E+00	3.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	670804.5	4343915	7.37E-08	5YrCancerI	6.51E-08	5.06E-09	1.21E-10	1.27E-12	0.00E+00	0.00E+00	3.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	671025.8	4343915	6.70E-08	5YrCancerI	5.94E-08	4.54E-09	1.09E-10	1.07E-12	0.00E+00	0.00E+00	3.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	671247.1	4343915	6.13E-08	5YrCancerI	5.46E-08	3.95E-09	9.46E-11	9.21E-13	0.00E+00	0.00E+00	2.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	671468.4	4343915	5.08E-08	5YrCancerI	4.54E-08	3.20E-09	7.66E-11	6.99E-13	0.00E+00	0.00E+00	2.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	671689.8	4343915	4.20E-08	5YrCancerI	3.78E-08	2.51E-09	6.01E-11	5.38E-13	0.00E+00	0.00E+00	1.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	671911.1	4343915	3.44E-08	5YrCancerI	3.11E-08	1.99E-09	4.77E-11	4.32E-13	0.00E+00	0.00E+00	1.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	672132.4	4343915	2.90E-08	5YrCancerI	2.63E-08	1.62E-09	3.88E-11	3.65E-13	0.00E+00	0.00E+00	1.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	672353.7	4343915	2.37E-08	5YrCancerI	2.16E-08	1.27E-09	3.03E-11	3.05E-13	0.00E+00	0.00E+00	8.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	672575	4343915	1.96E-08	5YrCancerI	1.79E-08	1.02E-09	2.45E-11	2.62E-13	0.00E+00	0.00E+00	6.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	668148.8	4344080	3.54E-07	5YrCancerI	3.28E-07	1.57E-08	3.76E-10	6.78E-12	0.00E+00	0.00E+00	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	668370.1	4344080	5.21E-07	5YrCancerI	4.83E-07	2.29E-08	5.47E-10	1.00E-11	0.00E+00	0.00E+00	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	668591.4	4344080	7.64E-07	5YrCancerI	7.08E-07	3.33E-08	7.95E-10	1.47E-11	0.00E+00	0.00E+00	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	668812.7	4344080	9.85E-07	5YrCancerI	9.14E-07	4.29E-08	1.02E-09	1.90E-11	0.00E+00	0.00E+00	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	669034	4344080	9.21E-07	5YrCancerI	8.54E-07	4.05E-08	9.67E-10	1.78E-11	0.00E+00	0.00E+00	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	669255.3	4344080	6.09E-07	5YrCancerI	5.63E-07	2.75E-08	6.58E-10	1.18E-11	0.00E+00	0.00E+00	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	669476.7	4344080	3.43E-07	5YrCancerI	3.16E-07	1.64E-08	3.91E-10	6.66E-12	0.00E+00	0.00E+00	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	669698	4344080	1.91E-07	5YrCancerI	1.75E-07	1.00E-08	2.40E-10	3.72E-12	0.00E+00	0.00E+00	6.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	669919.3	4344080	1.24E-07	5YrCancerI	1.12E-07	7.26E-09	1.74E-10	2.41E-12	0.00E+00	0.00E+00	4.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	670140.6	4344080	9.51E-08	5YrCancerI	8.48E-08	6.11E-09	1.46E-10	1.81E-12	0.00E+00	0.00E+00	4.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	670361.9	4344080	8.26E-08	5YrCancerI	7.35E-08	5.41E-09	1.30E-10	1.55E-12	0.00E+00	0.00E+00	3.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	670583.2	4344080	7.35E-08	5YrCancerI	6.52E-08	4.93E-09	1.18E-10	1.32E-12	0.00E+00	0.00E+00	3.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	670804.5	4344080	6.65E-08	5YrCancerI	5.89E-08	4.50E-09	1.08E-10	1.12E-12	0.00E+00	0.00E+00	2.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	671025.8	4344080	5.69E-08	5YrCancerI	5.06E-08	3.77E-09	9.04E-11	8.63E-13	0.00E+00	0.00E+00	2.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	671247.1	4344080	5.48E-08	5YrCancerI	4.89E-08	3.51E-09	8.41E-11	8.14E-13	0.00E+00	0.00E+00	2.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	671468.4	4344080	4.88E-08	5YrCancerI	4.38E-08	3.00E-09	7.19E-11	6.75E-13	0.00E+00	0.00E+00	1.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	671689.8	4344080	3.62E-08	5YrCancerI	3.25E-08	2.18E-09	5.22E-11	4.61E-13	0.00E+00	0.00E+00	1.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	671911.1	4344080	2.85E-08	5YrCancerI	2.58E-08	1.64E-09	3.93E-11	3.56E-13	0.00E+00	0.00E+00	1.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	672132.4	4344080	2.34E-08	5YrCancerI	2.12E-08	1.29E-09	3.09E-11	2.93E-13	0.00E+00	0.00E+00	8.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	672353.7	4344080	2.01E-08	5YrCancerI	1.82E-08	1.08E-09	2.59E-11	2.57E-13	0.00E+00	0.00E+00	7.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	672575	4344080	1.70E-08	5YrCancerI	1.55E-08	8.93E-10	2.14E-11	2.24E-13	0.00E+00	0.00E+00	5.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	671464.7	4342094	5.23E-07	5YrCancerI	4.96E-07	1.60E-08	3.84E-10	2.40E-12	0.00E+00	0.00E+00	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	671482.2	4342064	5.39E-07	5YrCancerI	5.14E-07	1.51E-08	3.62E-10	2.26E-12	0.00E+00	0.00E+00	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	671498.6	4342030	5.56E-07	5YrCancerI	5.32E-07	1.39E-08	3.34E-10	2.09E-12	0.00E+00	0.00E+00	9.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	671513.8	4341992	5.88E-07	5YrCancerI	5.67E-07	1.24E-08	2.97E-10	1.89E-12	0.00E+00	0.00E+00	8.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	671541.8	4341965	5.47E-07	5YrCancerI	5.29E-07	1.06E-08	2.54E-10	1.65E-12	0.00E+00	0.00E+00	7.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	671575.6	4341974	4.28E-07	5YrCancerI	4.12E-07	9.46E-09	2.27E-10	1.50E-12	0.00E+00	0.00E+00	6.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	671460.8	4342163	4.31E-07	5YrCancerI	4.05E-07	1.52E-08	3.64E-10	2.35E-12	0.00E+00	0.00E+00	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	671451	4342187	4.21E-07	5YrCancerI	3.95E-07	1.53E-08	3.67E-10	2.39E-12	0.00E+00	0.00E+00	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	671510.7	4342220	3.22E-07	5YrCancerI	3.02E-07	1.20E-08	2.87E-10	1.95E-12	0.00E+00	0.00E+00	8.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	671524.1	4342193	3.22E-07	5YrCancerI	3.02E-07	1.17E-08	2.82E-10	1.89E-12	0.00E+00	0.00E+00	7.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	671522.9	4342251	2.94E-07	5YrCancerI	2.75E-07	1.12E-08	2.69E-10	1.88E-12	0.00E+00	0.00E+00	7.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	671599.1	4342253	2.33E-07	5YrCancerI	2.18E-07	9.02E-09	2.16E-10	1.55E-12	0.00E+00	0.00E+00	6.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	671627.8	4342257	2.14E-07	5YrCancerI	2.00E-07	8.39E-09	2.01E-10	1.46E-12	0.00E+00	0.00E+00	5.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	671583.9	4342116	2.86E-07	5YrCancerI	2.69E-07	9.80E-09	2.35E-10	1.57E-12	0.00E+00	0.00E+00	6.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	671595.5	4342072	2.96E-07	5YrCancerI	2.80E-07	9.50E-09	2.28E-10	1.50E-12	0.00E+00	0.00E+00	6.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	671663.1	4342056	2.49E-07	5YrCancerI	2.35E-07	8.03E-09	1.93E-10	1.31E-12	0.00E+00	0.00E+00	5.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	671600.9	4342030	3.24E-07	5YrCancerI	3.08E-07	9.35E-09	2.24E-10	1.48E-12	0.00E+00	0.00E+00	6.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	671526.6	4342156	3.35E-07	5YrCancerI	3.16E-07	1.17E-08	2.81E-10	1.86E-12	0.00E+00	0.00E+00	7.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	671629	4342292	2.04E-07	5YrCancerI	1.90E-07	8.12E-09	1.95E-10	1.44E-12	0.00E+00	0.00E+00	5.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	671641.8	4341981	3.10E-07	5YrCancerI	2.97E-07	7.97E-09	1.91E-10	1.30E-12	0.00E+00	0.00E+00	5.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	671666.8	4342019	2.64E-07	5YrCancerI	2.50E-07	7.83E-09	1.88E-10	1.28E-12	0.00E+00	0.00E+00	5.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	671407.1	4342220	4.67E-07	5YrCancerI	4.37E-07	1.82E-08	4.36E-10	2.86E-12	0.00E+00	0.00E+00	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	671415.6	4342183	5.01E-07	5YrCancerI	4.70E-07	1.83E-08	4.39E-10	2.82E-12	0.00E+00	0.00E+00	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	671635.1	4341706	6.02E-07	5YrCancerI	5.94E-07	4.96E-09	1.19E-10	9.42E-13	0.00E+00	0.00E+00	3.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	671693.6	4341710	4.21E-07	5YrCancerI	4.13E-07	4.64E-09	1.11E-10	8.94E-13	0.00E+00	0.00E+00	3.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	671719.8	4341736	3.67E-07	5YrCancerI	3.59E-07	4.74E-09	1.14E-10	9.08E-13	0.00E+00	0.00E+00	3.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	671673.5	4341630	5.33E-07	5YrCancerI	5.25E-07	4.59E-09	1.10E-10	8.92E-13	0.00E+00	0.00E+00	3.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	671888	4341936	1.52E-07	5YrCancerI	1.44E-07	4.69E-09	1.13E-10	8.76E-13	0.00E+00	0.00E+00	3.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	671977.6	4341952	1.14E-07	5YrCancerI	1.07E-07	3.92E-09	9.40E-11	7.41E-13	0.00E+00	0.00E+00	2.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	672039.2	4341895	9.42E-08	5YrCancerI	8.87E-08	3.20E-09	7.68E-11	6.19E-13	0.00E+00	0.00E+00	2.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	671858.2	4341754	2.23E-07	5YrCancerI	2.16E-07	4.12E-09	9.88E-11	8.10E-13	0.00E+00	0.00E+00	2.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

455	ALL	671922.8	4341634	1.31E-07	5YrCancerI	1.26E-07	2.95E-09	7.07E-11	6.07E-13	0.00E+00	0.00E+00	1.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	671613.7	4341791	5.87E-07	5YrCancerI	5.77E-07	5.90E-09	1.42E-10	1.06E-12	0.00E+00	0.00E+00	3.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	671853.3	4341731	2.27E-07	5YrCancerI	2.20E-07	3.99E-09	9.57E-11	7.90E-13	0.00E+00	0.00E+00	2.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	671783.8	4341586	2.69E-07	5YrCancerI	2.63E-07	3.68E-09	8.83E-11	7.45E-13	0.00E+00	0.00E+00	2.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	671783.2	4341547	2.46E-07	5YrCancerI	2.40E-07	3.49E-09	8.37E-11	7.12E-13	0.00E+00	0.00E+00	2.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	671769.2	4341461	2.02E-07	5YrCancerI	1.97E-07	3.19E-09	7.64E-11	6.57E-13	0.00E+00	0.00E+00	2.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	671800.9	4341421	1.55E-07	5YrCancerI	1.51E-07	2.80E-09	6.72E-11	5.89E-13	0.00E+00	0.00E+00	1.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	671880.1	4341427	9.63E-08	5YrCancerI	9.24E-08	2.34E-09	5.61E-11	5.04E-13	0.00E+00	0.00E+00	1.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	672012.4	4341505	6.74E-08	5YrCancerI	6.42E-08	1.93E-09	4.62E-11	4.11E-13	0.00E+00	0.00E+00	1.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	672084.3	4341548	6.72E-08	5YrCancerI	6.38E-08	2.01E-09	4.83E-11	4.22E-13	0.00E+00	0.00E+00	1.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	671915.5	4341478	9.46E-08	5YrCancerI	9.07E-08	2.30E-09	5.51E-11	4.95E-13	0.00E+00	0.00E+00	1.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	671903.3	4341564	1.24E-07	5YrCancerI	1.19E-07	2.70E-09	6.47E-11	5.69E-13	0.00E+00	0.00E+00	1.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	671863.1	4341522	1.36E-07	5YrCancerI	1.31E-07	2.75E-09	6.59E-11	5.84E-13	0.00E+00	0.00E+00	1.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	671830.1	4341336	1.04E-07	5YrCancerI	9.98E-08	2.41E-09	5.78E-11	5.17E-13	0.00E+00	0.00E+00	1.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	671835.6	4341288	8.75E-08	5YrCancerI	8.36E-08	2.26E-09	5.42E-11	4.87E-13	0.00E+00	0.00E+00	1.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	671825.9	4341275	8.68E-08	5YrCancerI	8.29E-08	2.25E-09	5.39E-11	4.84E-13	0.00E+00	0.00E+00	1.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	672136.7	4341371	3.90E-08	5YrCancerI	3.67E-08	1.35E-09	3.22E-11	3.09E-13	0.00E+00	0.00E+00	8.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	671920.3	4341307	6.40E-08	5YrCancerI	6.08E-08	1.93E-09	4.63E-11	4.17E-13	0.00E+00	0.00E+00	1.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	671695.4	4341257	8.44E-08	5YrCancerI	8.06E-08	2.25E-09	5.39E-11	4.66E-13	0.00E+00	0.00E+00	1.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	671682	4341176	6.38E-08	5YrCancerI	6.04E-08	1.97E-09	4.71E-11	4.01E-13	0.00E+00	0.00E+00	1.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	671991.7	4341196	4.90E-08	5YrCancerI	4.62E-08	1.67E-09	4.00E-11	3.66E-13	0.00E+00	0.00E+00	1.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	672022.1	4341232	4.68E-08	5YrCancerI	4.41E-08	1.61E-09	3.86E-11	3.57E-13	0.00E+00	0.00E+00	1.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	671992.3	4341178	4.49E-08	5YrCancerI	4.22E-08	1.60E-09	3.82E-11	3.48E-13	0.00E+00	0.00E+00	1.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	671540.6	4341238	6.60E-08	5YrCancerI	6.25E-08	2.06E-09	4.95E-11	4.06E-13	0.00E+00	0.00E+00	1.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	671575.3	4341178	5.19E-08	5YrCancerI	4.88E-08	1.83E-09	4.39E-11	3.63E-13	0.00E+00	0.00E+00	1.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	671454.7	4341196	6.19E-08	5YrCancerI	5.82E-08	2.18E-09	5.24E-11	4.15E-13	0.00E+00	0.00E+00	1.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	671523.5	4341116	4.55E-08	5YrCancerI	4.26E-08	1.75E-09	4.20E-11	3.46E-13	0.00E+00	0.00E+00	1.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	671413.2	4341127	5.33E-08	5YrCancerI	4.97E-08	2.18E-09	5.23E-11	4.06E-13	0.00E+00	0.00E+00	1.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	671471.1	4341065	4.25E-08	5YrCancerI	3.95E-08	1.78E-09	4.27E-11	3.45E-13	0.00E+00	0.00E+00	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	671601.6	4341051	4.62E-08	5YrCancerI	4.33E-08	1.68E-09	4.03E-11	3.40E-13	0.00E+00	0.00E+00	1.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	671198.6	4341254	7.72E-08	5YrCancerI	7.23E-08	2.90E-09	6.96E-11	5.12E-13	0.00E+00	0.00E+00	1.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	671278.5	4341212	7.00E-08	5YrCancerI	6.53E-08	2.77E-09	6.63E-11	4.93E-13	0.00E+00	0.00E+00	1.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	671230.3	4341133	5.39E-08	5YrCancerI	4.98E-08	2.38E-09	5.70E-11	4.31E-13	0.00E+00	0.00E+00	1.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	671073.1	4341272	8.43E-08	5YrCancerI	7.90E-08	3.15E-09	7.56E-11	5.47E-13	0.00E+00	0.00E+00	2.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	671122.5	4341374	1.25E-07	5YrCancerI	1.18E-07	3.85E-09	9.23E-11	6.56E-13	0.00E+00	0.00E+00	2.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	671118.8	4341397	1.37E-07	5YrCancerI	1.30E-07	4.04E-09	9.69E-11	6.88E-13	0.00E+00	0.00E+00	2.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	670978.4	4341324	1.04E-07	5YrCancerI	9.77E-08	3.98E-09	9.54E-11	6.61E-13	0.00E+00	0.00E+00	2.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	670932.9	4341394	1.30E-07	5YrCancerI	1.22E-07	5.10E-09	1.22E-10	8.17E-13	0.00E+00	0.00E+00	3.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	670935.2	4341367	1.22E-07	5YrCancerI	1.14E-07	4.75E-09	1.14E-10	7.69E-13	0.00E+00	0.00E+00	3.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	671108	4340976	4.52E-08	5YrCancerI	4.15E-08	2.24E-09	5.37E-11	4.06E-13	0.00E+00	0.00E+00	1.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL	671286.7	4340979	3.96E-08	5YrCancerI	3.64E-08	1.91E-09	4.58E-11	3.57E-13	0.00E+00	0.00E+00	1.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	671675.4	4342489	1.32E-07	5YrCancerI	1.22E-07	5.94E-09	1.42E-10	1.15E-12	0.00E+00	0.00E+00	3.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	671091.4	4342277	9.12E-07	5YrCancerI	7.82E-07	7.45E-08	1.78E-09	1.61E-11	0.00E+00	0.00E+00	5.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	671051.8	4342332	6.80E-07	5YrCancerI	5.80E-07	5.73E-08	1.37E-09	1.18E-11	0.00E+00	0.00E+00	4.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	671051.8	4342369	6.67E-07	5YrCancerI	5.69E-07	5.71E-08	1.37E-09	1.30E-11	0.00E+00	0.00E+00	3.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	670953	4342361	4.69E-07	5YrCancerI	4.03E-07	3.80E-08	9.11E-10	7.56E-12	0.00E+00	0.00E+00	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	670695.7	4342236	2.14E-07	5YrCancerI	1.86E-07	1.53E-08	3.67E-10	3.09E-12	0.00E+00	0.00E+00	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	670545.5	4342319	1.61E-07	5YrCancerI	1.41E-07	1.13E-08	2.71E-10	2.52E-12	0.00E+00	0.00E+00	8.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	670711.7	4342488	2.45E-07	5YrCancerI	2.13E-07	1.85E-08	4.43E-10	3.95E-12	0.00E+00	0.00E+00	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	670648.3	4342502	2.15E-07	5YrCancerI	1.87E-07	1.60E-08	3.83E-10	3.44E-12	0.00E+00	0.00E+00	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	670648.3	4342631	2.09E-07	5YrCancerI	1.80E-07	1.67E-08	4.00E-10	3.44E-12	0.00E+00	0.00E+00	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	670806.3	4342728	2.96E-07	5YrCancerI	2.53E-07	2.53E-08	6.07E-10	7.03E-12	0.00E+00	0.00E+00	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	670688.2	4342739	2.07E-07	5YrCancerI	1.79E-07	1.68E-08	4.03E-10	3.67E-12	0.00E+00	0.00E+00	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	670804.9	4342428	3.00E-07	5YrCancerI	2.58E-07	2.37E-08	5.69E-10	4.90E-12	0.00E+00	0.00E+00	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	670439.5	4342472	1.55E-07	5YrCancerI	1.35E-07	1.11E-08	2.67E-10	2.66E-12	0.00E+00	0.00E+00	8.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	670358.4	4342579	1.56E-07	5YrCancerI	1.37E-07	1.12E-08	2.69E-10	2.82E-12	0.00E+00	0.00E+00	7.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	670546.6	4342662	2.01E-07	5YrCancerI	1.75E-07	1.50E-08	3.58E-10	3.52E-12	0.00E+00	0.00E+00	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	670537	4342595	1.90E-07	5YrCancerI	1.66E-07	1.39E-08	3.32E-10	3.17E-12	0.00E+00	0.00E+00	9.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	670483.5	4342777	1.98E-07	5YrCancerI	1.73E-07	1.46E-08	3.49E-10	3.69E-12	0.00E+00	0.00E+00	9.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	670508.2	4342755	2.00E-07	5YrCancerI	1.75E-07	1.49E-08	3.57E-10	3.70E-12	0.00E+00	0.00E+00	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	670517.8	4342869	2.06E-07	5YrCancerI	1.80E-07	1.56E-08	3.73E-10	4.15E-12	0.00E+00	0.00E+00	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	670545.3	4342851	2.05E-07	5YrCancerI	1.79E-07	1.56E-08	3.74E-10	4.05E-12	0.00E+00	0.00E+00	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	670582.4	4342878	2.18E-07	5YrCancerI	1.89E-07	1.71E-08	4.10E-10	4.69E-12	0.00E+00	0.00E+00	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	670304.9	4342689	1.63E-07	5YrCancerI	1.44E-07	1.13E-08	2.71E-10	3.03E-12	0.00E+00	0.00E+00	7.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	670039.7	4342661	1.53E-07	5YrCancerI	1.37E-07	9.28E-09	2.22E-10	2.94E-12	0.00E+00	0.00E+00	6.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	670156.5	4342673	1.56E-07	5YrCancerI	1.38E-07	1.03E-08	2.46E-10	2.99E-12	0.00E+00	0.00E+00	7.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	670236.2	4342649	1.55E-07	5YrCancerI	1.37E-07	1.07E-08	2.56E-10	2.90E-12	0.00E+00	0.00E+00	7.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	670071.3	4342738	1.69E-07	5YrCancerI	1.51E-07	1.08E-08	2.59E-10	3.31E-12	0.00E+00	0.00E+00	7.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	669990.2	4342753	1.76E-07	5YrCancerI	1.58E-07	1.06E-08	2.54E-10	3.45E-12	0.00E+00	0.00E+00	7.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	669928.4	4342742	1.79E-07	5YrCancerI	1.62E-07	1.04E-08	2.48E-10	3.51E-12	0.00E+00	0.00E+00	7.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	669815.8	4342673	1.67E-07	5YrCancerI	1.51E-07	9.34E-09	2.23E-10	3.22E-12	0.00E+00	0.00E+00	6.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	669743	4342656	1.65E-07	5YrCancerI	1.50E-07	9.12E-09	2.18E-10	3.16E-12	0.00E+00	0.00E+00	6.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	669791	4342745	1.97E-07	5YrCancerI	1.78E-07	1.08E-08	2.57E-10	3.82E-12	0.00E+00	0.00E+00	7.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	669696.3	4342731	2.03E-07	5YrCancerI	1.85E-07	1.08E-08	2.59E-10	3.93E-12	0.00E+00	0.00E+00	7.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	669536.9	4342553	1.73E-07	5YrCancerI	1.59E-07	8.72E-09	2.09E-10	3.19E-12	0.00E+00	0.00E+00	5.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	671174.9	4342280	9.68E-07	5YrCancerI	8.49E-07	6.92E-08	1.66E-09	1.57E-11	0.00E+00	0.00E+00	4.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	671068.4	4342170	1.12E-06	5YrCancerI	9.90E-07	6.05E-08	1.44E-09	1.72E-11	0.00E+00	0.00E+00	6.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	670965.7	4342179	5.59E-07	5YrCancerI	4.89E-07	3.45E-08	8.25E-10	7.69E-12	0.00E+00	0.00E+00	3.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	670815.5	4342198	2.81E-07	5YrCancerI	2.46E-07	1.88E-08	4.49E-10	3.81E-12	0.00E+00	0.00E+00	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	670737.6	4342098	2.18E-07	5YrCancerI	1.91E-07	1.43E-08	3.43E-10	2.84E-12	0.00E+00	0.00E+00	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	670762.3	4342069	2.34E-07	5YrCancerI	2.06E-07	1.54E-08	3.68E-10	2.98E-12	0.00E+00	0.00E+00	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	670817.4	4342041	2.81E-07	5YrCancerI	2.47E-07	1.82E-08	4.36E-10	3.43E-12	0.00E+00	0.00E+00	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	670895.4	4342025	3.71E-07	5YrCancerI	3.27E-07	2.26E-08	5.42E-10	4.31E-12	0.00E+00	0.00E+00	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	670979	4341915	4.73E-07	5YrCancerI	4.18E-07	2.99E-08	7.17E-10	4.89E-12	0.00E+00	0.00E+00	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	671115.9	4341864	7.05E-07	5YrCancerI	6.47E-07	3.29E-08	7.90E-10	5.01E-12	0.00E+00	0.00E+00	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	671199.6	4341771	8.81E-07	5YrCancerI	8.47E-07	1.95E-08	4.67E-10	3.03E-12	0.00E+00	0.00E+00	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	671222.4	4341377	1.56E-07	5YrCancerI	1.49E-07	3.93E-09	9.43E-11	6.82E-13	0.00E+00	0.00E+00	2.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	671714.8	4341392	1.78E-07	5YrCancerI	1.73E-07	2.97E-09	7.11E-11	6.12E-13	0.00E+00	0.00E+00	2.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	671366.9	4341999	2.18E-06	5YrCancerI	2.12E-06	3.88E-08	9.30E-10	5.38E-12	0.00E+00	0.00E+00	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	671226.2	4342236	1.00E-06	5YrCancerI	9.05E-07	5.60E-08	1.34E-09	1.05E-11	0.00E+00	0.00E+00	3.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	669098.4	4343412	9.73E-06	5YrCancerI	9.03E-06	4.16E-07	9.94E-09	1.91E-10	0.00E+00	0.00E+00	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

546	ALL	668908.6	4343365	1.51E-05	5YrCancerI	1.40E-05	6.43E-07	1.54E-08	2.95E-10	0.00E+00	0.00E+00	4.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	668851.5	4343360	1.40E-05	5YrCancerI	1.31E-05	5.99E-07	1.43E-08	2.75E-10	0.00E+00	0.00E+00	3.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	668831.4	4343371	1.17E-05	5YrCancerI	1.08E-05	4.98E-07	1.19E-08	2.29E-10	0.00E+00	0.00E+00	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	668733.9	4343302	1.60E-05	5YrCancerI	1.48E-05	6.84E-07	1.63E-08	3.14E-10	0.00E+00	0.00E+00	4.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	668686.9	4343200	1.09E-05	5YrCancerI	1.02E-05	4.64E-07	1.11E-08	2.13E-10	0.00E+00	0.00E+00	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	668671.8	4343089	4.15E-06	5YrCancerI	3.87E-06	1.71E-07	4.09E-09	7.81E-11	0.00E+00	0.00E+00	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	668806.2	4343002	4.19E-06	5YrCancerI	3.90E-06	1.73E-07	4.13E-09	7.89E-11	0.00E+00	0.00E+00	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	668918.7	4343025	4.89E-06	5YrCancerI	4.56E-06	1.99E-07	4.76E-09	9.11E-11	0.00E+00	0.00E+00	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	669024.5	4342943	3.51E-06	5YrCancerI	3.27E-06	1.43E-07	3.43E-09	6.53E-11	0.00E+00	0.00E+00	9.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	669288.2	4342916	2.07E-06	5YrCancerI	1.93E-06	8.50E-08	2.03E-09	3.84E-11	0.00E+00	0.00E+00	5.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	669333.6	4342923	1.73E-06	5YrCancerI	1.61E-06	7.26E-08	1.73E-09	3.26E-11	0.00E+00	0.00E+00	4.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	669365.5	4342978	2.68E-06	5YrCancerI	2.49E-06	1.10E-07	2.62E-09	4.97E-11	0.00E+00	0.00E+00	7.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	669337	4343151	6.51E-06	5YrCancerI	6.05E-06	2.75E-07	6.57E-09	1.26E-10	0.00E+00	0.00E+00	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL	669303.4	4343304	6.31E-06	5YrCancerI	5.85E-06	2.79E-07	6.66E-09	1.28E-10	0.00E+00	0.00E+00	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL	669222.7	4343235	2.04E-05	5YrCancerI	1.90E-05	8.79E-07	2.10E-08	4.04E-10	0.00E+00	0.00E+00	5.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	669135.4	4343306	2.13E-05	5YrCancerI	1.98E-05	9.13E-07	2.18E-08	4.19E-10	0.00E+00	0.00E+00	5.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEV	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		668148.8	4340781	NonCancer	2.00E-04	1.21E-03	3.87E-03	0.00E+00	0.00E+00	1.21E-03	8.68E-05	0.00E+00	5.88E-05	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	3.87E-03
2	ALL		668370.1	4340781	NonCancer	1.67E-04	1.01E-03	3.22E-03	0.00E+00	0.00E+00	1.01E-03	7.74E-05	0.00E+00	4.90E-05	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	3.22E-03
3	ALL		668591.4	4340781	NonCancer	1.60E-04	9.65E-04	3.08E-03	0.00E+00	0.00E+00	9.67E-04	7.74E-05	0.00E+00	4.68E-05	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	3.08E-03
4	ALL		668812.7	4340781	NonCancer	1.59E-04	9.57E-04	3.05E-03	0.00E+00	0.00E+00	9.60E-04	7.91E-05	0.00E+00	4.64E-05	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	3.05E-03
5	ALL		669034	4340781	NonCancer	1.65E-04	9.94E-04	3.17E-03	0.00E+00	0.00E+00	9.96E-04	8.48E-05	0.00E+00	4.81E-05	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	3.17E-03
6	ALL		669255.3	4340781	NonCancer	1.02E-04	6.06E-04	1.93E-03	0.00E+00	0.00E+00	6.10E-04	6.58E-05	0.00E+00	2.92E-05	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	1.93E-03
7	ALL		669476.7	4340781	NonCancer	1.17E-04	6.94E-04	2.21E-03	0.00E+00	0.00E+00	6.97E-04	7.28E-05	0.00E+00	3.35E-05	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	2.21E-03
8	ALL		669698	4340781	NonCancer	8.33E-05	4.87E-04	1.54E-03	0.00E+00	0.00E+00	4.90E-04	6.26E-05	0.00E+00	2.34E-05	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	1.54E-03
9	ALL		669919.3	4340781	NonCancer	9.05E-05	5.20E-04	1.65E-03	0.00E+00	0.00E+00	5.38E-04	6.20E-05	0.00E+00	2.49E-05	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	1.65E-03
10	ALL		670140.6	4340781	NonCancer	4.88E-05	2.63E-04	8.33E-04	0.00E+00	0.00E+00	2.87E-04	4.23E-05	0.00E+00	1.24E-05	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	8.33E-04
11	ALL		670361.9	4340781	NonCancer	7.95E-05	4.51E-04	1.43E-03	0.00E+00	0.00E+00	4.75E-04	4.63E-05	0.00E+00	2.15E-05	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	1.43E-03
12	ALL		670583.2	4340781	NonCancer	7.24E-05	4.16E-04	1.33E-03	0.00E+00	0.00E+00	4.35E-04	4.01E-05	0.00E+00	1.99E-05	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	1.33E-03
13	ALL		670804.5	4340781	NonCancer	3.47E-05	1.87E-04	5.93E-04	0.00E+00	0.00E+00	2.05E-04	2.43E-05	0.00E+00	8.80E-06	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	5.93E-04
14	ALL		671025.8	4340781	NonCancer	4.10E-05	2.32E-04	7.39E-04	0.00E+00	0.00E+00	2.48E-04	2.51E-05	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	7.39E-04
15	ALL		671247.1	4340781	NonCancer	3.08E-05	1.72E-04	5.49E-04	0.00E+00	0.00E+00	1.86E-04	1.93E-05	0.00E+00	8.19E-06	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	5.49E-04
16	ALL		671468.4	4340781	NonCancer	2.79E-05	1.53E-04	4.87E-04	0.00E+00	0.00E+00	1.67E-04	1.77E-05	0.00E+00	7.24E-06	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	4.87E-04
17	ALL		671689.8	4340781	NonCancer	3.08E-05	1.65E-04	5.21E-04	0.00E+00	0.00E+00	1.81E-04	1.57E-05	0.00E+00	7.73E-06	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	5.21E-04
18	ALL		671911.1	4340781	NonCancer	2.82E-05	1.53E-04	4.84E-04	0.00E+00	0.00E+00	1.67E-04	1.46E-05	0.00E+00	7.18E-06	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	4.84E-04
19	ALL		672132.4	4340781	NonCancer	2.38E-05	1.32E-04	4.21E-04	0.00E+00	0.00E+00	1.42E-04	1.22E-05	0.00E+00	6.28E-06	0.00E+00	0.00E+00	9.94E-06	0.00E+00	0.00E+00	4.21E-04
20	ALL		672353.7	4340781	NonCancer	3.55E-05	1.94E-04	6.14E-04	0.00E+00	0.00E+00	2.10E-04	1.57E-05	0.00E+00	9.15E-06	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	6.14E-04
21	ALL		672575	4340781	NonCancer	6.84E-05	3.86E-04	1.22E-03	0.00E+00	0.00E+00	4.06E-04	2.63E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	1.22E-03
22	ALL		668148.8	4340946	NonCancer	3.88E-04	2.36E-03	7.55E-03	0.00E+00	0.00E+00	2.36E-03	1.55E-04	0.00E+00	1.15E-04	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	7.55E-03
23	ALL		668370.1	4340946	NonCancer	3.23E-04	1.96E-03	6.26E-03	0.00E+00	0.00E+00	1.96E-03	1.33E-04	0.00E+00	9.52E-05	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	6.26E-03
24	ALL		668591.4	4340946	NonCancer	2.78E-04	1.68E-03	5.37E-03	0.00E+00	0.00E+00	1.69E-03	1.18E-04	0.00E+00	8.17E-05	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	5.37E-03
25	ALL		668812.7	4340946	NonCancer	2.34E-04	1.42E-03	4.52E-03	0.00E+00	0.00E+00	1.42E-03	1.05E-04	0.00E+00	6.87E-05	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	4.52E-03
26	ALL		669034	4340946	NonCancer	1.57E-04	9.39E-04	2.99E-03	0.00E+00	0.00E+00	9.42E-04	8.08E-05	0.00E+00	4.54E-05	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	2.99E-03
27	ALL		669255.3	4340946	NonCancer	1.14E-04	6.75E-04	2.14E-03	0.00E+00	0.00E+00	6.78E-04	6.91E-05	0.00E+00	3.26E-05	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	2.14E-03
28	ALL		669476.7	4340946	NonCancer	1.23E-04	7.28E-04	2.31E-03	0.00E+00	0.00E+00	7.32E-04	7.49E-05	0.00E+00	3.51E-05	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	2.31E-03
29	ALL		669698	4340946	NonCancer	9.10E-05	5.30E-04	1.68E-03	0.00E+00	0.00E+00	5.35E-04	7.02E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	4.20E-06	0.00E+00	0.00E+00	1.68E-03
30	ALL		669919.3	4340946	NonCancer	8.48E-05	4.83E-04	1.53E-03	0.00E+00	0.00E+00	5.06E-04	6.85E-05	0.00E+00	2.30E-05	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	1.53E-03
31	ALL		670140.6	4340946	NonCancer	6.92E-05	3.83E-04	1.21E-03	0.00E+00	0.00E+00	4.08E-04	5.68E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	1.21E-03
32	ALL		670361.9	4340946	NonCancer	9.38E-05	5.32E-04	1.69E-03	0.00E+00	0.00E+00	5.61E-04	5.83E-05	0.00E+00	2.54E-05	0.00E+00	0.00E+00	2.88E-05	0.00E+00	0.00E+00	1.69E-03
33	ALL		670583.2	4340946	NonCancer	6.53E-05	3.59E-04	1.14E-03	0.00E+00	0.00E+00	3.87E-04	3.99E-05	0.00E+00	1.70E-05	0.00E+00	0.00E+00	2.86E-05	0.00E+00	0.00E+00	1.14E-03
34	ALL		670804.5	4340946	NonCancer	4.50E-05	2.48E-04	7.90E-04	0.00E+00	0.00E+00	2.69E-04	3.08E-05	0.00E+00	1.18E-05	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	7.90E-04
35	ALL		671025.8	4340946	NonCancer	3.94E-05	2.22E-04	7.09E-04	0.00E+00	0.00E+00	2.39E-04	2.66E-05	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	7.09E-04
36	ALL		671247.1	4340946	NonCancer	2.74E-05	1.52E-04	4.83E-04	0.00E+00	0.00E+00	1.64E-04	1.91E-05	0.00E+00	7.20E-06	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	4.83E-04
37	ALL		671468.4	4340946	NonCancer	2.91E-05	1.62E-04	5.14E-04	0.00E+00	0.00E+00	1.74E-04	1.82E-05	0.00E+00	7.67E-06	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	5.14E-04
38	ALL		671689.8	4340946	NonCancer	3.17E-05	1.65E-04	5.22E-04	0.00E+00	0.00E+00	1.86E-04	1.64E-05	0.00E+00	7.68E-06	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	5.22E-04
39	ALL		671911.1	4340946	NonCancer	3.14E-05	1.58E-04	4.95E-04	0.00E+00	0.00E+00	1.81E-04	1.51E-05	0.00E+00	7.25E-06	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	4.95E-04
40	ALL		672132.4	4340946	NonCancer	2.99E-05	1.70E-04	5.39E-04	0.00E+00	0.00E+00	1.78E-04	1.48E-05	0.00E+00	8.10E-06	0.00E+00	0.00E+00	8.61E-06	0.00E+00	0.00E+00	5.39E-04
41	ALL		672353.7	4340946	NonCancer	6.61E-05	3.87E-04	1.23E-03	0.00E+00	0.00E+00	3.99E-04	2.75E-05	0.00E+00	1.86E-05	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	1.23E-03
42	ALL		672575	4340946	NonCancer	9.84E-05	5.68E-04	1.81E-03	0.00E+00	0.00E+00	5.90E-04	3.76E-05	0.00E+00	2.72E-05	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	1.81E-03
43	ALL		668148.8	4341111	NonCancer	4.91E-04	2.99E-03	9.55E-03	0.00E+00	0.00E+00	2.99E-03	1.91E-04	0.00E+00	1.45E-04	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	9.55E-03
44	ALL		668370.1	4341111	NonCancer	4.55E-04	2.77E-03	8.84E-03	0.00E+00	0.00E+00	2.77E-03	1.79E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	8.84E-03
45	ALL		668591.4	4341111	NonCancer	3.02E-04	1.83E-03	5.85E-03	0.00E+00	0.00E+00	1.84E-03	1.26E-04	0.00E+00	8.90E-05	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	5.85E-03
46	ALL		668812.7	4341111	NonCancer	2.03E-04	1.22E-03	3.90E-03	0.00E+00	0.00E+00	1.23E-03	9.15E-05	0.00E+00	5.93E-05	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	3.90E-03
47	ALL		669034	4341111	NonCancer	1.93E-04	1.16E-03	3.70E-03	0.00E+00	0.00E+00	1.16E-03	9.16E-05	0.00E+00	5.62E-05	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	3.70E-03
48	ALL		669255.3	4341111	NonCancer	1.57E-04	9.38E-04	2.99E-03	0.00E+00	0.00E+00	9.42E-04	8.16E-05	0.00E+00	4.54E-05	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	2.99E-03
49	ALL		669476.7	4341111	NonCancer	1.19E-04	7.04E-04	2.24E-03	0.00E+00	0.00E+00	7.08E-04	7.31E-05	0.00E+00	3.40E-05	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	2.24E-03
50	ALL		669698	4341111	NonCancer	1.01E-04	5.88E-04	1.86E-03	0.00E+00	0.00E+00	5.92E-04	7.46E-05	0.00E+00	2.82E-05	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	1.86E-03
51	ALL		669919.3	4341111	NonCancer	8.78E-05	5.06E-04	1.60E-03	0.00E+00	0.00E+00	5.11E-04	7.46E-05	0.00E+00	2.42E-05	0.00E+00	0.00E+00	5.31E-06	0.00E+00	0.00E+00	1.60E-03
52	ALL		670140.6	4341111	NonCancer	8.68E-05	4.88E-04	1.55E-03	0.00E+00	0.00E+00	5.16E-04	7.53E-05	0.00E+00	2.32E-05	0.00E+00	0.00E+00	2.84E-05	0.00E+00	0.00E+00	1.55E-03
53	ALL		670361.9	4341111	NonCancer	9.09E-05	5.13E-04	1.63E-03	0.00E+00	0.00E+00	5.42E-04	7.10E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	2.92E-05	0.00E+00	0.00E+00	1.63E-03
54	ALL		670583.2	4341111	NonCancer	4.48E-05	2.43E-04	7.70E-04	0.00E+00	0.00E+00	2.66E-04	4.23E-05	0.00E+00	1.14E-05	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	7.70E-04
55	ALL		670804.5	4341111	NonCancer	4.68E-05	2.66E-04	8.51E-04	0.00E+00	0.00E+00	2.84E-04	3.60E-05	0.00E+00	1.27E-05	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	8.51E-04
56	ALL		671025.8	4341111	NonCancer	2.98E-05	1.64E-04	5.22E-04	0.00E+00	0.00E+00	1.78E-04	2.51E-05	0.00E+00	7.78E-06	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	5.22E-04
57	ALL		671247.1	4341111	NonCancer	3.06E-05	1.70E-04	5.41E-04	0.00E+00	0.00E+00	1.85E-04	2.30E-05	0.00E+00	8.04E-06	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	5.41E-04
58	ALL		671468.4	4341111	NonCancer	2.87E-05	1.58E-04	5.01E-04	0.00E+00	0.00E+00	1.72E-04	1.88E-05	0.00E+00	7.46E-06	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	5.01E-04
59	ALL		671689.8	4341111	NonCancer	3.60E-05	1.72E-04	5.38E-04	0.00E+00	0.00E+00	2.04E-04	1.77E-05	0.00E+00	7.79E-06	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	5.38E-04
60	ALL		671911.1	4341111	NonCancer	5.47E-05	2.94E-04	9.28E-04	0.00E+00	0.00E+00	3.20E-04	2.41E-05	0.00E+00	1.38E-05	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	9.28E-04
61	ALL		672132.4	4341111	NonCancer	6.48E-05	3.83E-04	1.22E-03	0.00E+00	0.00E+00	3.92E-04	2.78E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	9.01E-06	0.00E+00	0.00E+00	1.22E-03
62	ALL		672353.7	4341111	NonCancer	8.42E-05	5.03E-04	1.61E-03	0.00E+00	0.00E+00	5.12E-04	3.45E-05	0.00E+00	2.43E-05	0.00E+00	0.00E+00	9.27E-06	0.00E+00	0.00E+00	1.61E-03
63	ALL		672575	4341111	NonCancer	9.70E-05	5.60E-04	1.78E-03	0.00E+00	0.00E+00	5.83E-04	3.76E-05	0.00E+00	2.68E-05	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	1.78E-03
64	ALL		668148.8	4341276	NonCancer	5.13E-04	3.12E-03	9.99E-03	0.00E+00	0.00E+00	3.13E-03	1.98E-04	0.00E+00	1.52E-04	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	9.99E-03
65	ALL		668370.1	4341276	NonCancer	3.61E-04	2.20E-03	7.02E-03	0.00E+00	0.00E+00	2.20E-03	1.43E-04	0.00E+00	1.07E-04	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	7.02E-03
66	ALL		668591.4	4341276	NonCancer	2.61E-04	1.58E-03	5.04E-03	0.00E+00	0.00E+00	1.58E-03	1.08E-04	0.00E+00	7.66E-05	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	5.04E-03
67	ALL		668812.7	4341276	NonCancer	1.37E-04	8.23E-04	2.62E-03	0.00E+00	0.00E+00	8.26E-04	6.54E-05	0.00E+00	3.98E-05	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	2.62E-03
68	ALL		669034	4341276	NonCancer	1.10E-04	6.52E-04	2.07E-03	0.00E+00	0.00E+00	6.55E-04	6.02E-05	0.00E+00	3.14E-05	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	2.07E-03
69	ALL		669255.3	4341276	NonCancer	1.19E-04	7.06E-04	2.24E-03	0.00E+00	0.00E+00	7.10E-04	6.67E-05	0.00E+00	3.41E-05	0.00E+00	0.00E+00	3.57E-06	0.00E+00	0.00E+00	2.24E-03
70	ALL		669476.7	4341276	NonCancer	1.15E-04	6.78E-04	2.15E-03	0.00E+00	0.00E+00	6.82E-04	6.88E-05	0.00E+00	3.27E-05	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	2.15E-03
71	ALL		669698	4341276	NonCancer	1.19E-04	6.98E-04	2.21E-03	0.00E+00	0.00E+00	7.03E-04	7.74E-05	0.00E+00	3.36E-05	0.00E+00	0.00E+00	4.79E-06	0.00E+00	0.00E+00	2.21E-03
72	ALL		669919.3	4341276	NonCancer	7.00E-05	3.84E-04	1.21E-03	0.00E+00	0.00E+00	4.11E-04	6.95E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	1.21E-03
73	ALL		670140.6	4341276	NonCancer	9.36E-05	5.33E-04	1.70E-03	0.00E+00	0.00E+00	5.60E-04	9.57E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	1.70E-03
74	ALL		670361.9	4341276	NonCancer	7.01E-05	3.94E-04	1.25E-03	0.00E+00	0.00E+00	4.17E-04	8.57E-05	0.00E+00	1.87E-05	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	1.25E-03
75	ALL		670583.2	4341276	NonCancer	5.28E-05	3.00E-04	9.56E-04	0.00E+00	0.00E+00	3.18E-04	6.11E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	9.56E-04
76	ALL		670804.5	4341276	NonCancer	4.10E-05	2.31E-04	7.37E-04	0.00E+00	0.00E+00	2.49E-04	3.93E-05	0.00E+00	1.10E-05	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	7.37E-04
77	ALL		671025.8	4341276	NonCancer	3.14E-05	1.73E-04	5.48E-04	0.00E+00	0.00E+00	1.86E-04	2.96E-05	0.00E+00	8.16E-06	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	5.48E-04
78	ALL		671247.1	4341276	NonCancer	3.25E-05	1.75E-04	5.59E-04	0.00E+00	0.00E+00	1.96E-04	2.74E-05	0.00E+00	8.24E-06	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	5.59E-04
79	ALL		671468.4	4341276	NonCancer	3.90E-05	1.85E-04	5.80E-04	0.00E+00	0.00E+00	2.23E-04	2.19E-05	0.00E+00	8.36E-06	0.00E+00	0.00E+00	3.76E-05	0.00E+00	0.00E+00	5.80E-04
80	ALL		671689.8	4341276	NonCancer	7.35E-05	3.80E-04	1.20E-03	0.00E+00	0.00E+00	4.30E-04	3.10E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	5.00E-05	0.00E+00	0.00E+00	1.20E-03
81	ALL		671911.1	4341276	NonCancer	1.05E-04	5.87E-04	1.86E-03	0.00E+00	0.00E+00	6.25E-04	4.24E-05	0.00E+00	2.79E-05	0.00E+00	0.00E+00	3.82E-05	0.00E+00	0.00E+00	1.86E-03
82	ALL		672132.4	4341276	NonCancer	9.10E-05	5.42E-04	1.73E-03	0.00E+00	0.00E+00	5.53E-04	3.84E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.73E-03
83	ALL		672353.7	4341276	NonCancer	7.02E-05	4.19E-04	1.34E-03	0.00E+00	0.00E+00	4.26E-04	2.97E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	7.18E-06	0.00E+00	0.00E+00	1.34E-03
84	ALL		672575	4341276	NonCancer	6.54E-05	3.65E-04	1.16E-03	0.00E+00	0.00E+00	3.90E-04	2.65E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	1.16E-03
85	ALL		668148.8	4341441	NonCancer	5.52E-04	3.36E-03	1.07E-02	0.00E+00	0.00E+00	3.36E-03	2.11E-04	0.00E+00	1.63E-04	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	1.07E-02
86	ALL		668370.1	4341441	NonCancer	3.40E-04	2.06E-03	6.60E-03	0.00E+00	0.00E+00	2.07E-03	1.34E-04	0.00E+00	1.00E-04	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	6.60E-03
87	ALL		668591.4	4341441	NonCancer	2.30E-04	1.39E-03	4.43E-03	0.00E+00	0.00E+00	1.39E-03	9.49E-05	0.00E+00	6.74E-05	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	4.43E-03
88	ALL		668812.7	4341441	NonCancer	1.14E-04	6.77E-04	2.15E-03	0.00E+00	0.00E+00	6.80E-04	5.45E-05	0.00E+00	3.27E-05	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	2.15E-03
89	ALL		669034	4341441	NonCancer	1.16E-04	6.91E-04	2.19E-03	0.00E+00	0.00E+00	6.94E-04	5.93E-05	0.00E+00	3.33E-05	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	2.19E-03
90	ALL		669255.3	4341441	NonCancer	1.37E-04	8.13E-04	2.58E-03	0.00E+00	0.00E+00	8.17E-04	6.79E-05	0.00E+00	3.93E-05	0.00E+00	0.00E+00	3.70E-06	0.00E+00	0.00E+00	2.58E-03
91	ALL		669476.7	4341441	NonCancer	1.15E-04	6.78E-04	2.15E-03	0.00E+00	0.00E+00	6.83E-04	6.45E-05	0.00E+00	3.27E-05	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	2.15E-03
92	ALL		669698	4341441	NonCancer	1.18E-04	6.87E-04	2.17E-03	0.00E+00	0.00E+00	6.92E-04	7.34E-05	0.00E+00	3.30E-05	0.00E+00	0.00E+00	5.02E-06	0.00E+00	0.00E+00	2.17E-03
93	ALL		669919.3	4341441	NonCancer	8.64E-05	4.84E-04	1.54E-03	0.00E+00	0.00E+00	5.14E-04	7.55E-05	0.00E+00	2.30E-05	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	1.54E-03
94	ALL		670140.6	4341441	NonCancer	9.50E-05	5.44E-04	1.73E-03	0.00E+00	0.00E+00	5.68E-04	1.04E-04	0.00E+00	2.60E-05	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	1.73E-03
95	ALL		670361.9	4341441	NonCancer	5.65E-05	3.14E-04	9.99E-04	0.00E+00	0.00E+00	3.37E-04	1.09E-04	0.00E+00	1.49E-05	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	9.99E-04
96	ALL		670583.2	4341441	NonCancer	5.37E-05	3.04E-04	9.68E-04	0.00E+00	0.00E+00	3.23E-04	9.21E-05	0.00E+00	1.45E-05	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	9.68E-04
97	ALL		670804.5	4341441	NonCancer	3.60E-05	1.91E-04	6.08E-04	0.00E+00	0.00E+00	2.17E-04	5.18E-05	0.00E+00	8.93E-06	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	6.08E-04
98	ALL		671025.8	4341441	NonCancer	3.42E-05	1.84E-04	5.87E-04	0.00E+00	0.00E+00	2.06E-04	3.91E-05	0.00E+00	8.65E-06	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	5.87E-04

99	ALL	671689.8	4341441	NonCancer	1.33E-04	7.31E-04	2.27E-03	0.00E+00	0.00E+00	0.00E+00	7.43E-04	5.42E-05	0.00E+00	3.44E-05	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	2.27E-03
100	ALL	671911.1	4341441	NonCancer	1.27E-04	7.16E-04	2.28E-03	0.00E+00	0.00E+00	0.00E+00	7.60E-04	5.15E-05	0.00E+00	3.41E-05	0.00E+00	0.00E+00	4.43E-05	0.00E+00	0.00E+00	2.28E-03
101	ALL	672132.4	4341441	NonCancer	7.52E-05	4.44E-04	1.42E-03	0.00E+00	0.00E+00	0.00E+00	4.57E-04	3.39E-05	0.00E+00	2.14E-05	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	1.42E-03
102	ALL	672353.7	4341441	NonCancer	4.60E-05	2.63E-04	8.39E-04	0.00E+00	0.00E+00	0.00E+00	2.77E-04	2.26E-05	0.00E+00	1.26E-05	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	8.39E-04
103	ALL	672575	4341441	NonCancer	5.52E-05	3.01E-04	9.40E-04	0.00E+00	0.00E+00	0.00E+00	3.14E-04	2.36E-05	0.00E+00	1.41E-05	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	9.40E-04
104	ALL	668148.8	4341606	NonCancer	2.73E-04	1.66E-03	5.29E-03	0.00E+00	0.00E+00	0.00E+00	1.66E-03	1.08E-04	0.00E+00	8.04E-05	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	5.29E-03
105	ALL	668370.1	4341606	NonCancer	1.93E-04	1.16E-03	3.71E-03	0.00E+00	0.00E+00	0.00E+00	1.17E-03	7.89E-05	0.00E+00	5.64E-05	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	3.71E-03
106	ALL	668591.4	4341606	NonCancer	1.52E-04	9.14E-04	2.91E-03	0.00E+00	0.00E+00	0.00E+00	9.16E-04	6.50E-05	0.00E+00	4.42E-05	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	2.91E-03
107	ALL	668812.7	4341606	NonCancer	1.29E-04	7.69E-04	2.45E-03	0.00E+00	0.00E+00	0.00E+00	7.72E-04	5.78E-05	0.00E+00	3.72E-05	0.00E+00	0.00E+00	2.94E-06	0.00E+00	0.00E+00	2.45E-03
108	ALL	669034	4341606	NonCancer	1.42E-04	8.51E-04	2.71E-03	0.00E+00	0.00E+00	0.00E+00	8.55E-04	6.43E-05	0.00E+00	4.12E-05	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	2.71E-03
109	ALL	669255.3	4341606	NonCancer	1.41E-04	8.37E-04	2.66E-03	0.00E+00	0.00E+00	0.00E+00	8.41E-04	6.56E-05	0.00E+00	4.04E-05	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	2.66E-03
110	ALL	669476.7	4341606	NonCancer	1.21E-04	7.13E-04	2.26E-03	0.00E+00	0.00E+00	0.00E+00	7.17E-04	6.19E-05	0.00E+00	3.43E-05	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	2.26E-03
111	ALL	669698	4341606	NonCancer	1.11E-04	6.45E-04	2.03E-03	0.00E+00	0.00E+00	0.00E+00	6.50E-04	6.29E-05	0.00E+00	3.09E-05	0.00E+00	0.00E+00	5.21E-06	0.00E+00	0.00E+00	2.03E-03
112	ALL	669919.3	4341606	NonCancer	1.02E-04	5.82E-04	1.85E-03	0.00E+00	0.00E+00	0.00E+00	6.10E-04	7.32E-05	0.00E+00	2.78E-05	0.00E+00	0.00E+00	2.83E-05	0.00E+00	0.00E+00	1.85E-03
113	ALL	670140.6	4341606	NonCancer	8.52E-05	4.80E-04	1.52E-03	0.00E+00	0.00E+00	0.00E+00	5.07E-04	9.17E-05	0.00E+00	2.29E-05	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	1.52E-03
114	ALL	670361.9	4341606	NonCancer	6.59E-05	3.73E-04	1.19E-03	0.00E+00	0.00E+00	0.00E+00	3.95E-04	1.19E-04	0.00E+00	1.78E-05	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	1.19E-03
115	ALL	670583.2	4341606	NonCancer	4.31E-05	2.34E-04	7.47E-04	0.00E+00	0.00E+00	0.00E+00	2.59E-04	1.39E-04	0.00E+00	1.11E-05	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	7.47E-04
116	ALL	670804.5	4341606	NonCancer	4.44E-05	2.23E-04	7.05E-04	0.00E+00	0.00E+00	0.00E+00	2.61E-04	9.70E-05	0.00E+00	1.02E-05	0.00E+00	0.00E+00	3.87E-05	0.00E+00	0.00E+00	7.05E-04
117	ALL	671025.8	4341606	NonCancer	3.98E-05	2.02E-04	6.53E-04	0.00E+00	0.00E+00	0.00E+00	2.47E-04	5.34E-05	0.00E+00	9.39E-06	0.00E+00	0.00E+00	4.49E-05	0.00E+00	0.00E+00	6.53E-04
118	ALL	671689.8	4341606	NonCancer	1.51E-04	8.23E-04	2.55E-03	0.00E+00	0.00E+00	0.00E+00	8.39E-04	6.41E-05	0.00E+00	3.87E-05	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	2.55E-03
119	ALL	671911.1	4341606	NonCancer	1.02E-04	5.46E-04	1.73E-03	0.00E+00	0.00E+00	0.00E+00	6.05E-04	4.39E-05	0.00E+00	2.56E-05	0.00E+00	0.00E+00	5.92E-05	0.00E+00	0.00E+00	1.73E-03
120	ALL	672132.4	4341606	NonCancer	5.28E-05	2.90E-04	9.19E-04	0.00E+00	0.00E+00	0.00E+00	3.13E-04	2.72E-05	0.00E+00	1.37E-05	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	9.19E-04
121	ALL	672353.7	4341606	NonCancer	6.14E-05	3.49E-04	1.11E-03	0.00E+00	0.00E+00	0.00E+00	3.68E-04	2.89E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	1.11E-03
122	ALL	672575	4341606	NonCancer	6.90E-05	3.88E-04	1.21E-03	0.00E+00	0.00E+00	0.00E+00	3.92E-04	3.00E-05	0.00E+00	1.84E-05	0.00E+00	0.00E+00	3.94E-06	0.00E+00	0.00E+00	1.21E-03
123	ALL	668148.8	4341771	NonCancer	5.15E-04	3.14E-03	1.00E-02	0.00E+00	0.00E+00	0.00E+00	3.14E-03	1.96E-04	0.00E+00	1.52E-04	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	1.00E-02
124	ALL	668370.1	4341771	NonCancer	1.79E-04	1.08E-03	3.45E-03	0.00E+00	0.00E+00	0.00E+00	1.08E-03	7.30E-05	0.00E+00	5.24E-05	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	3.45E-03
125	ALL	668591.4	4341771	NonCancer	2.23E-04	1.35E-03	4.30E-03	0.00E+00	0.00E+00	0.00E+00	1.35E-03	8.98E-05	0.00E+00	6.54E-05	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	4.30E-03
126	ALL	668812.7	4341771	NonCancer	1.89E-04	1.14E-03	3.63E-03	0.00E+00	0.00E+00	0.00E+00	1.14E-03	7.82E-05	0.00E+00	5.51E-05	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	3.63E-03
127	ALL	669034	4341771	NonCancer	1.48E-04	8.84E-04	2.81E-03	0.00E+00	0.00E+00	0.00E+00	8.88E-04	6.42E-05	0.00E+00	4.28E-05	0.00E+00	0.00E+00	3.37E-06	0.00E+00	0.00E+00	2.81E-03
128	ALL	669255.3	4341771	NonCancer	1.26E-04	7.46E-04	2.37E-03	0.00E+00	0.00E+00	0.00E+00	7.50E-04	5.85E-05	0.00E+00	3.60E-05	0.00E+00	0.00E+00	3.80E-06	0.00E+00	0.00E+00	2.37E-03
129	ALL	669476.7	4341771	NonCancer	1.21E-04	7.10E-04	2.25E-03	0.00E+00	0.00E+00	0.00E+00	7.22E-04	5.69E-05	0.00E+00	3.41E-05	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	2.25E-03
130	ALL	669698	4341771	NonCancer	9.05E-05	5.13E-04	1.63E-03	0.00E+00	0.00E+00	0.00E+00	5.39E-04	4.88E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	1.63E-03
131	ALL	669919.3	4341771	NonCancer	1.09E-04	6.29E-04	2.00E-03	0.00E+00	0.00E+00	0.00E+00	6.55E-04	6.59E-05	0.00E+00	3.01E-05	0.00E+00	0.00E+00	2.58E-05	0.00E+00	0.00E+00	2.00E-03
132	ALL	670140.6	4341771	NonCancer	7.38E-05	4.17E-04	1.33E-03	0.00E+00	0.00E+00	0.00E+00	4.41E-04	6.89E-05	0.00E+00	1.99E-05	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	1.33E-03
133	ALL	670361.9	4341771	NonCancer	5.87E-05	3.34E-04	1.07E-03	0.00E+00	0.00E+00	0.00E+00	3.55E-04	8.83E-05	0.00E+00	1.60E-05	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	1.07E-03
134	ALL	670583.2	4341771	NonCancer	4.52E-05	2.35E-04	7.47E-04	0.00E+00	0.00E+00	0.00E+00	2.68E-04	1.60E-04	0.00E+00	1.10E-05	0.00E+00	0.00E+00	3.30E-05	0.00E+00	0.00E+00	7.47E-04
135	ALL	670804.5	4341771	NonCancer	6.97E-05	3.19E-04	1.01E-03	0.00E+00	0.00E+00	0.00E+00	4.09E-04	1.37E-04	0.00E+00	1.43E-05	0.00E+00	0.00E+00	9.00E-05	0.00E+00	0.00E+00	1.01E-03
136	ALL	671025.8	4341771	NonCancer	1.35E-04	7.02E-04	2.30E-03	0.00E+00	0.00E+00	0.00E+00	8.74E-04	7.76E-05	0.00E+00	3.28E-05	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	2.30E-03
137	ALL	671689.8	4341771	NonCancer	1.02E-04	5.12E-04	1.61E-03	0.00E+00	0.00E+00	0.00E+00	5.91E-04	5.10E-05	0.00E+00	2.35E-05	0.00E+00	0.00E+00	7.92E-05	0.00E+00	0.00E+00	1.61E-03
138	ALL	671911.1	4341771	NonCancer	8.03E-05	4.08E-04	1.29E-03	0.00E+00	0.00E+00	0.00E+00	4.73E-04	3.98E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	6.45E-05	0.00E+00	0.00E+00	1.29E-03
139	ALL	672132.4	4341771	NonCancer	6.80E-05	3.94E-04	1.26E-03	0.00E+00	0.00E+00	0.00E+00	4.10E-04	3.55E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	1.26E-03
140	ALL	672353.7	4341771	NonCancer	6.01E-05	3.54E-04	1.13E-03	0.00E+00	0.00E+00	0.00E+00	3.63E-04	2.99E-05	0.00E+00	1.70E-05	0.00E+00	0.00E+00	9.87E-06	0.00E+00	0.00E+00	1.13E-03
141	ALL	672575	4341771	NonCancer	6.45E-05	3.60E-04	1.12E-03	0.00E+00	0.00E+00	0.00E+00	3.64E-04	2.93E-05	0.00E+00	1.70E-05	0.00E+00	0.00E+00	4.36E-06	0.00E+00	0.00E+00	1.12E-03
142	ALL	668148.8	4341936	NonCancer	7.09E-04	4.32E-03	1.38E-02	0.00E+00	0.00E+00	0.00E+00	4.32E-03	2.67E-04	0.00E+00	2.10E-04	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	1.38E-02
143	ALL	668370.1	4341936	NonCancer	5.94E-04	3.62E-03	1.16E-02	0.00E+00	0.00E+00	0.00E+00	3.62E-03	2.26E-04	0.00E+00	1.76E-04	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	1.16E-02
144	ALL	668591.4	4341936	NonCancer	2.51E-04	1.52E-03	4.84E-03	0.00E+00	0.00E+00	0.00E+00	1.52E-03	9.91E-05	0.00E+00	7.36E-05	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	4.84E-03
145	ALL	668812.7	4341936	NonCancer	1.56E-04	9.36E-04	2.98E-03	0.00E+00	0.00E+00	0.00E+00	9.39E-04	6.49E-05	0.00E+00	4.53E-05	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	2.98E-03
146	ALL	669034	4341936	NonCancer	1.36E-04	8.13E-04	2.58E-03	0.00E+00	0.00E+00	0.00E+00	8.16E-04	5.87E-05	0.00E+00	3.93E-05	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	2.58E-03
147	ALL	669255.3	4341936	NonCancer	1.36E-04	8.02E-04	2.55E-03	0.00E+00	0.00E+00	0.00E+00	8.14E-04	5.82E-05	0.00E+00	3.87E-05	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	2.55E-03
148	ALL	669476.7	4341936	NonCancer	1.15E-04	6.65E-04	2.12E-03	0.00E+00	0.00E+00	0.00E+00	6.88E-04	5.15E-05	0.00E+00	3.19E-05	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	2.12E-03
149	ALL	669698	4341936	NonCancer	1.03E-04	5.97E-04	1.90E-03	0.00E+00	0.00E+00	0.00E+00	6.18E-04	5.41E-05	0.00E+00	2.87E-05	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	1.90E-03
150	ALL	669919.3	4341936	NonCancer	9.29E-05	5.45E-04	1.74E-03	0.00E+00	0.00E+00	0.00E+00	5.62E-04	5.67E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	1.74E-03
151	ALL	670140.6	4341936	NonCancer	7.82E-05	4.55E-04	1.45E-03	0.00E+00	0.00E+00	0.00E+00	4.74E-04	5.83E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	1.45E-03
152	ALL	670361.9	4341936	NonCancer	4.66E-05	2.56E-04	8.12E-04	0.00E+00	0.00E+00	0.00E+00	2.78E-04	6.03E-05	0.00E+00	1.21E-05	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	8.12E-04
153	ALL	670583.2	4341936	NonCancer	6.93E-05	3.47E-04	1.09E-03	0.00E+00	0.00E+00	0.00E+00	4.00E-04	8.30E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	5.32E-05	0.00E+00	0.00E+00	1.09E-03
154	ALL	670804.5	4341936	NonCancer	1.70E-04	9.36E-04	2.93E-03	0.00E+00	0.00E+00	0.00E+00	9.64E-04	1.58E-04	0.00E+00	4.42E-05	0.00E+00	0.00E+00	2.75E-05	0.00E+00	0.00E+00	2.93E-03
155	ALL	671468.4	4341936	NonCancer	8.94E-05	4.45E-04	1.43E-03	0.00E+00	0.00E+00	0.00E+00	5.44E-04	7.91E-05	0.00E+00	2.05E-05	0.00E+00	0.00E+00	9.99E-05	0.00E+00	0.00E+00	1.43E-03
156	ALL	671689.8	4341936	NonCancer	9.11E-05	4.96E-04	1.58E-03	0.00E+00	0.00E+00	0.00E+00	5.49E-04	6.27E-05	0.00E+00	2.34E-05	0.00E+00	0.00E+00	5.36E-05	0.00E+00	0.00E+00	1.58E-03
157	ALL	671911.1	4341936	NonCancer	9.17E-05	4.92E-04	1.55E-03	0.00E+00	0.00E+00	0.00E+00	5.38E-04	5.03E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	4.70E-05	0.00E+00	0.00E+00	1.55E-03
158	ALL	672132.4	4341936	NonCancer	6.19E-05	3.59E-04	1.14E-03	0.00E+00	0.00E+00	0.00E+00	3.74E-04	3.61E-05	0.00E+00	1.72E-05	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	1.14E-03
159	ALL	672353.7	4341936	NonCancer	5.41E-05	3.17E-04	1.01E-03	0.00E+00	0.00E+00	0.00E+00	3.25E-04	2.88E-05	0.00E+00	1.53E-05	0.00E+00	0.00E+00	7.98E-06	0.00E+00	0.00E+00	1.01E-03
160	ALL	672575	4341936	NonCancer	6.23E-05	3.36E-04	1.06E-03	0.00E+00	0.00E+00	0.00E+00	3.63E-04	2.81E-05	0.00E+00	1.58E-05	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	1.06E-03
161	ALL	668148.8	4342101	NonCancer	8.16E-04	4.98E-03	1.59E-02	0.00E+00	0.00E+00	0.00E+00	4.98E-03	3.07E-04	0.00E+00	2.42E-04	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	1.59E-02
162	ALL	668370.1	4342101	NonCancer	3.33E-04	2.02E-03	6.46E-03	0.00E+00	0.00E+00	0.00E+00	2.03E-03	1.29E-04	0.00E+00	9.83E-05	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	6.46E-03
163	ALL	668591.4	4342101	NonCancer	1.91E-04	1.15E-03	3.68E-03	0.00E+00	0.00E+00	0.00E+00	1.16E-03	7.70E-05	0.00E+00	5.60E-05	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	3.68E-03
164	ALL	668812.7	4342101	NonCancer	1.53E-04	9.16E-04	2.92E-03	0.00E+00	0.00E+00	0.00E+00	9.19E-04	6.31E-05	0.00E+00	4.43E-05	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	2.92E-03
165	ALL	669034	4342101	NonCancer	1.40E-04	8.37E-04	2.66E-03	0.00E+00	0.00E+00	0.00E+00	8.40E-04	5.94E-05	0.00E+00	4.04E-05	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	2.66E-03
166	ALL	669255.3	4342101	NonCancer	1.55E-04	9.23E-04	2.93E-03	0.00E+00	0.00E+00	0.00E+00	9.27E-04	6.49E-05	0.00E+00	4.46E-05	0.00E+00	0.00E+00	3.85E-06	0.00E+00	0.00E+00	2.93E-03
167	ALL	669476.7	4342101	NonCancer	1.23E-04	7.16E-04	2.28E-03	0.00E+00	0.00E+00	0.00E+00	7.38E-04	5.27E-05	0.00E+00	3.44E-05	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	2.28E-03
168	ALL	669698	4342101	NonCancer	1.26E-04	7.35E-04	2.34E-03	0.00E+00	0.00E+00	0.00E+00	7.60E-04	5.74E-05	0.00E+00	3.53E-05	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	2.34E-03
169	ALL	669919.3	4342101	NonCancer	1.03E-04	5.91E-04	1.88E-03	0.00E+00	0.00E+00	0.00E+00	6.17E-04	5.30E-05	0.00E+00	2.82E-05	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	1.88E-03
170	ALL	670140.6	4342101	NonCancer	6.56E-05	3.69E-04	1.17E-03	0.00E+00	0.00E+00	0.00E+00	3.91E-04	4.82E-05	0.00E+00	1.75E-05	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	1.17E-03
171	ALL	670361.9	4342101	NonCancer	8.91E-05	4.72E-04	1.49E-03	0.00E+00	0.00E+00	0.00E+00	5.20E-04	4.53E-05	0.00E+00	2.20E-05	0.00E+00	0.00E+00	4.86E-05	0.00E+00	0.00E+00	1.49E-03
172	ALL	670583.2	4342101	NonCancer	2.03E-04	1.17E-03	3.69E-03	0.00E+00	0.00E+00	0.00E+00	1.19E-03	9.46E-05	0.00E+00	5.60E-05	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	3.69E-03
173	ALL	671468.4	4342101	NonCancer	9.36E-05	5.20E-04	1.66E-03	0.00E+00	0.00E+00	0.00E+00	5.67E-04	1.10E-04	0.00E+00	2.47E-05	0.00E+00	0.00E+00	4.63E-05	0.00E+00	0.00E+00	1.66E-03
174	ALL	671689.8	4342101	NonCancer	8.20E-05	4.60E-04	1.47E-03	0.00E+00	0.00E+00	0.00E+00	4.94E-04	6.79E-05	0.00E+00	2.19E-05	0.00E+00	0.00E+00	3.36E-05	0.00E+00	0.00E+00	1.47E-03
175	ALL	671911.1	4342101	NonCancer	7.87E-05	4.31E-04	1.37E-03	0.00E+00	0.00E+00	0.00E+00	4.72E-04	4.97E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	4.08E-05	0.00E+00	0.00E+00	1.37E-03
176	ALL	672132.4	4342101	NonCancer	6.32E-05	3.62E-04	1.16E-03	0.00E+00	0.00E+00	0.00E+00	3.83E-04	3.80E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	1.16E-03
177	ALL	672353.7	4342101	NonCancer	4.61E-05	2.67E-04	8.52E-04	0.00E+00	0.00E+00	0.00E+00	2.78E-04	2.74E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	8.52E-04
178	ALL	672575	4342101	NonCancer	4.69E-05	2.43E-04	7.62E-04	0.00E+00	0.00E+00	0.00E+00	2.70E-04	2.29E-05	0.00E+00	1.12E-05	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	7.62E-04
179	ALL	668148.8	4342266	NonCancer	8.39E-04	5.12E-03	1.64E-02	0.00E+00	0.00E+00	0.00E+00	5.12E-03	3.15E-04	0.00E+00	2.49E-04	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	1.64E-02
180	ALL	668370.1	4342266	NonCancer	3.29E-04	2.00E-03	6.39E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-03	1.27E-04	0.00E+00	9.71E-05	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	6.39E-03
181	ALL	668591.4	4342266	NonCancer	5.45E-04	3.31E-03	1.06E-02	0.00E+00	0.00E+00	0.00E+00	3.32E-03	2.07E-04	0.00E+00	1.61E-04	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	1.06E-02
182	ALL	668812.7	4342266	NonCancer	3.81E-04	2.31E-03	7.39E-03	0.00E+00	0.00E+00	0.00E+00	2.32E-03	1.47E-04	0.00E+00	1.12E-04	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	7.39E-03
183	ALL	669034	4342266	NonCancer	3.28E-04	1.99E-03	6.34E-03	0.00E+00	0.00E+00	0.00E+00	1.99E-03	1.28E-04	0.00E+00	9.63E-05	0.00E+00	0.00E+00	3.54E-06	0.00E+00	0.00E+00	6.34E-03
184	ALL	669255.3	4342266	NonCancer	2.05E-04	1.23E-03	3.93E-03	0.00E+00	0.00E+00	0.00E+00	1.24E-03	8.28E-05	0.00E+00	5.97E-05	0.00E+00	0.00E+00	3.87E-06	0.00E+00	0.00E+00	3.93E-03
185	ALL	669476.7	4342266	NonCancer	1.68E-04	1.00E-03	3.18E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-03	6.93E-05	0.00E+00	4.83E-05	0.00E+00	0.00E+00	4.43E-06	0.00E+00	0.00E+00	3.18E-03
186	ALL	669698	4342266	NonCancer	1.50E-04	8.82E-04	2.79E-03	0.00E+00	0.00E+00	0.00E+00	8.88E-04	6.33E-05	0.00E+00	4.24E-05	0.00E+00	0.00E+00	5.26E-06	0.00E+00	0.00E+00	2.79E-03
187	ALL	669919.3	4342266	NonCancer	1.11E-04	6.38E-04	2.01E-03	0.00E+00	0.00E+00	0.00E+00	6.44E-04	4.90E-05	0.00E+00	3.05E-05	0.00E+00	0.00E+00	6.37E-06	0.00E+00	0.00E+00	2.01E-03
188	ALL	670140.6	4342266	NonCancer	1.12E-04	6.25E-04	1.97E-03	0.00E+00	0.00E+00	0.00E+00	6.51E-04	4.91E-05	0.00E+00	2.97E-05	0.00E+00	0.00E+00	2.55E-05	0.00E+00	0.00E+00	1.97E-03
189	ALL	670361.9	4342266	NonCancer	2.33E-04	1.37E-03	4.35E-03	0.00E+00	0.00E+00	0.00E+00	1.38E-03	9.64E-05	0.00E+00	6.60E-05	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	4.35E-03
190	ALL	670583.2	4342266	NonCancer	2.40E-04	1.40E-03	4.42E-03	0.00E+00	0.00E+00	0.00E+00	1.41E-03	1.03E-04	0.00E+00	6.71E-05	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	4.42E-03
191	ALL	670804.5	4342266	NonCancer	1.56E-04	8.55E-04	2.66E-03	0.00E+00	0.00E+00	0.00E+00	8.74E-04	9.33E-05	0.00E+00	4.02E-05	0.00E+00	0.00E+00	1.96E-05	0.00E+00	0.00E+00	2.66E-03
192	ALL	671025.8	4342266	NonCancer	1.46E-04	7.24E-04	2.24E-03	0.00E+00	0.00E+00	0.00E+00	8.10E-04	2.79E-04	0.00E+00	3.31E-05	0.00E+00	0.00E+00	8.54E-05	0.00E+00	0.00E+00	2.24E-03
193	ALL	671247.1	4342266	NonCancer	1.50E-04	7.01E-04	2.15E-03	0.00E+00	0.00E+00	0.00E+00	8.15E-04	1.94E-04	0.00E+00	3.14E-05	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	2.15E-03
194	ALL	671468.4	4342266	NonCancer	8.88E-05	4.94E-04	1.57E-03	0.00E+00	0.00E+00	0.00E+00	5.29E-04	9.61E-05	0.00E+00	2.35E-05	0.00E+00	0.00E+00	3.46E-05	0.00E+00	0.00E+00	1.57E-03
195	ALL	671689.8	4342266	NonCancer	7.63E-05	4.25E-04	1.36E-03	0.00E+00	0.00E+00	0.00E+00	4.61E-04	6.33E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	3.57E-05	0.00E+00	0.00E+00	1.36E-03
196	ALL	671911.1	4342266	NonCancer	6.12E-05	3.36E-04	1.07E-03	0.00E+00	0.00E+00	0.00E+00	3.67E-04	4.42E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	3.14E-05	0.00E+00	0.00E+00	1.07E-03
197	ALL	672132.4	4342266	NonCancer	4.87E-05	2.52E-04	7.95E-04	0.00E+00	0.00E+00	0.00E+00	2.84E-04	3.11E-05	0.00E+00	1.17E-05	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	7.95E-04

198	ALL	672353.7	4342266	NonCancer	3.52E-05	1.80E-04	5.68E-04	0.00E+00	0.00E+00	2.05E-04	2.23E-05	0.00E+00	8.34E-06	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	5.68E-04
199	ALL	672575	4342266	NonCancer	3.43E-05	1.75E-04	5.30E-04	0.00E+00	0.00E+00	1.79E-04	1.96E-05	0.00E+00	8.01E-06	0.00E+00	0.00E+00	4.20E-06	0.00E+00	0.00E+00	5.30E-04
200	ALL	668148.8	4342431	NonCancer	9.49E-04	5.78E-03	1.85E-02	0.00E+00	0.00E+00	5.79E-03	3.56E-04	0.00E+00	2.81E-04	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.85E-02
201	ALL	668370.1	4342431	NonCancer	1.00E-03	6.10E-03	1.95E-02	0.00E+00	0.00E+00	6.11E-03	3.76E-04	0.00E+00	2.97E-04	0.00E+00	0.00E+00	2.94E-06	0.00E+00	0.00E+00	1.95E-02
202	ALL	668591.4	4342431	NonCancer	1.10E-03	6.72E-03	2.15E-02	0.00E+00	0.00E+00	6.73E-03	4.14E-04	0.00E+00	3.27E-04	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	2.15E-02
203	ALL	668812.7	4342431	NonCancer	1.15E-03	7.00E-03	2.24E-02	0.00E+00	0.00E+00	7.00E-03	4.31E-04	0.00E+00	3.40E-04	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	2.24E-02
204	ALL	669034	4342431	NonCancer	1.28E-03	7.78E-03	2.49E-02	0.00E+00	0.00E+00	7.79E-03	4.79E-04	0.00E+00	3.78E-04	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	2.49E-02
205	ALL	669255.3	4342431	NonCancer	1.02E-03	6.21E-03	1.99E-02	0.00E+00	0.00E+00	6.22E-03	3.84E-04	0.00E+00	3.02E-04	0.00E+00	0.00E+00	4.18E-06	0.00E+00	0.00E+00	1.99E-02
206	ALL	669476.7	4342431	NonCancer	3.24E-04	1.96E-03	6.26E-03	0.00E+00	0.00E+00	1.97E-03	1.27E-04	0.00E+00	9.51E-05	0.00E+00	0.00E+00	4.47E-06	0.00E+00	0.00E+00	6.26E-03
207	ALL	669698	4342431	NonCancer	1.97E-04	1.18E-03	3.76E-03	0.00E+00	0.00E+00	1.19E-03	8.03E-05	0.00E+00	5.71E-05	0.00E+00	0.00E+00	5.07E-06	0.00E+00	0.00E+00	3.76E-03
208	ALL	669919.3	4342431	NonCancer	2.01E-04	1.20E-03	3.80E-03	0.00E+00	0.00E+00	1.20E-03	8.19E-05	0.00E+00	5.78E-05	0.00E+00	0.00E+00	5.99E-06	0.00E+00	0.00E+00	3.80E-03
209	ALL	670140.6	4342431	NonCancer	3.14E-04	1.88E-03	5.99E-03	0.00E+00	0.00E+00	1.89E-03	1.24E-04	0.00E+00	9.10E-05	0.00E+00	0.00E+00	7.19E-06	0.00E+00	0.00E+00	5.99E-03
210	ALL	670361.9	4342431	NonCancer	2.63E-04	1.56E-03	4.96E-03	0.00E+00	0.00E+00	1.57E-03	1.09E-04	0.00E+00	7.53E-05	0.00E+00	0.00E+00	9.12E-06	0.00E+00	0.00E+00	4.96E-03
211	ALL	670583.2	4342431	NonCancer	1.48E-04	8.21E-04	2.59E-03	0.00E+00	0.00E+00	8.66E-04	7.80E-05	0.00E+00	3.88E-05	0.00E+00	0.00E+00	4.47E-05	0.00E+00	0.00E+00	2.59E-03
212	ALL	670804.5	4342431	NonCancer	1.48E-04	7.92E-04	2.49E-03	0.00E+00	0.00E+00	8.52E-04	1.31E-04	0.00E+00	3.71E-05	0.00E+00	0.00E+00	6.01E-05	0.00E+00	0.00E+00	2.49E-03
213	ALL	671025.8	4342431	NonCancer	1.42E-04	7.24E-04	2.27E-03	0.00E+00	0.00E+00	8.12E-04	2.46E-04	0.00E+00	3.34E-05	0.00E+00	0.00E+00	8.81E-05	0.00E+00	0.00E+00	2.27E-03
214	ALL	671247.1	4342431	NonCancer	8.80E-05	4.88E-04	1.54E-03	0.00E+00	0.00E+00	5.18E-04	1.73E-04	0.00E+00	2.31E-05	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	1.54E-03
215	ALL	671468.4	4342431	NonCancer	6.29E-05	3.48E-04	1.11E-03	0.00E+00	0.00E+00	3.75E-04	7.66E-05	0.00E+00	1.65E-05	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	1.11E-03
216	ALL	671689.8	4342431	NonCancer	4.36E-05	2.38E-04	7.54E-04	0.00E+00	0.00E+00	2.59E-04	4.65E-05	0.00E+00	1.12E-05	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	7.54E-04
217	ALL	671911.1	4342431	NonCancer	3.96E-05	2.17E-04	6.92E-04	0.00E+00	0.00E+00	2.39E-04	3.38E-05	0.00E+00	1.03E-05	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	6.92E-04
218	ALL	672132.4	4342431	NonCancer	4.51E-05	2.33E-04	7.35E-04	0.00E+00	0.00E+00	2.63E-04	2.85E-05	0.00E+00	1.08E-05	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	7.35E-04
219	ALL	672353.7	4342431	NonCancer	4.69E-05	2.37E-04	7.36E-04	0.00E+00	0.00E+00	2.61E-04	2.52E-05	0.00E+00	1.09E-05	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	7.36E-04
220	ALL	672575	4342431	NonCancer	4.04E-05	2.16E-04	6.65E-04	0.00E+00	0.00E+00	2.20E-04	2.21E-05	0.00E+00	1.01E-05	0.00E+00	0.00E+00	4.00E-06	0.00E+00	0.00E+00	6.65E-04
221	ALL	668148.8	4342596	NonCancer	1.10E-03	6.71E-03	2.14E-02	0.00E+00	0.00E+00	6.71E-03	4.12E-04	0.00E+00	3.26E-04	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	2.14E-02
222	ALL	668370.1	4342596	NonCancer	1.20E-03	7.30E-03	2.33E-02	0.00E+00	0.00E+00	7.30E-03	4.48E-04	0.00E+00	3.55E-04	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	2.33E-02
223	ALL	668591.4	4342596	NonCancer	1.28E-03	7.79E-03	2.49E-02	0.00E+00	0.00E+00	7.79E-03	4.79E-04	0.00E+00	3.79E-04	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.49E-02
224	ALL	668812.7	4342596	NonCancer	1.39E-03	8.46E-03	2.71E-02	0.00E+00	0.00E+00	8.46E-03	5.20E-04	0.00E+00	4.11E-04	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	2.71E-02
225	ALL	669034	4342596	NonCancer	1.59E-03	9.67E-03	3.09E-02	0.00E+00	0.00E+00	9.67E-03	5.94E-04	0.00E+00	4.70E-04	0.00E+00	0.00E+00	2.90E-06	0.00E+00	0.00E+00	3.09E-02
226	ALL	669255.3	4342596	NonCancer	1.14E-03	6.96E-03	2.23E-02	0.00E+00	0.00E+00	6.97E-03	4.30E-04	0.00E+00	3.38E-04	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	2.23E-02
227	ALL	669476.7	4342596	NonCancer	4.71E-04	2.86E-03	9.12E-03	0.00E+00	0.00E+00	2.86E-03	1.82E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	9.12E-03
228	ALL	669698	4342596	NonCancer	3.09E-04	1.86E-03	5.94E-03	0.00E+00	0.00E+00	1.87E-03	1.22E-04	0.00E+00	9.03E-05	0.00E+00	0.00E+00	4.91E-06	0.00E+00	0.00E+00	5.94E-03
229	ALL	669919.3	4342596	NonCancer	4.24E-04	2.56E-03	8.17E-03	0.00E+00	0.00E+00	2.57E-03	1.65E-04	0.00E+00	1.24E-04	0.00E+00	0.00E+00	5.70E-06	0.00E+00	0.00E+00	8.17E-03
230	ALL	670140.6	4342596	NonCancer	2.66E-04	1.59E-03	5.06E-03	0.00E+00	0.00E+00	1.60E-03	1.10E-04	0.00E+00	7.68E-05	0.00E+00	0.00E+00	6.78E-06	0.00E+00	0.00E+00	5.06E-03
231	ALL	670361.9	4342596	NonCancer	1.77E-04	1.03E-03	3.25E-03	0.00E+00	0.00E+00	1.04E-03	8.98E-05	0.00E+00	4.93E-05	0.00E+00	0.00E+00	7.80E-06	0.00E+00	0.00E+00	3.25E-03
232	ALL	670583.2	4342596	NonCancer	1.23E-04	7.01E-04	2.22E-03	0.00E+00	0.00E+00	7.30E-04	1.10E-04	0.00E+00	3.35E-05	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	2.22E-03
233	ALL	670804.5	4342596	NonCancer	1.14E-04	6.14E-04	1.93E-03	0.00E+00	0.00E+00	6.59E-04	1.37E-04	0.00E+00	2.89E-05	0.00E+00	0.00E+00	4.49E-05	0.00E+00	0.00E+00	1.93E-03
234	ALL	671025.8	4342596	NonCancer	1.05E-04	5.31E-04	1.66E-03	0.00E+00	0.00E+00	5.98E-04	1.73E-04	0.00E+00	2.44E-05	0.00E+00	0.00E+00	6.71E-05	0.00E+00	0.00E+00	1.66E-03
235	ALL	671247.1	4342596	NonCancer	6.85E-05	3.53E-04	1.11E-03	0.00E+00	0.00E+00	3.94E-04	1.28E-04	0.00E+00	1.63E-05	0.00E+00	0.00E+00	4.14E-05	0.00E+00	0.00E+00	1.11E-03
236	ALL	671468.4	4342596	NonCancer	5.44E-05	3.08E-04	9.79E-04	0.00E+00	0.00E+00	3.25E-04	6.62E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	9.79E-04
237	ALL	671689.8	4342596	NonCancer	5.03E-05	2.89E-04	9.18E-04	0.00E+00	0.00E+00	3.00E-04	4.27E-05	0.00E+00	1.38E-05	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	9.18E-04
238	ALL	671911.1	4342596	NonCancer	4.61E-05	2.66E-04	8.45E-04	0.00E+00	0.00E+00	2.76E-04	3.35E-05	0.00E+00	1.27E-05	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	8.45E-04
239	ALL	672132.4	4342596	NonCancer	4.34E-05	2.44E-04	7.78E-04	0.00E+00	0.00E+00	2.62E-04	2.79E-05	0.00E+00	1.16E-05	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	7.78E-04
240	ALL	672353.7	4342596	NonCancer	4.50E-05	2.28E-04	7.12E-04	0.00E+00	0.00E+00	2.57E-04	2.36E-05	0.00E+00	1.05E-05	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	7.12E-04
241	ALL	672575	4342596	NonCancer	3.73E-05	1.96E-04	6.02E-04	0.00E+00	0.00E+00	2.00E-04	2.03E-05	0.00E+00	9.10E-06	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	6.02E-04
242	ALL	668148.8	4342761	NonCancer	1.48E-03	9.03E-03	2.89E-02	0.00E+00	0.00E+00	9.03E-03	5.53E-04	0.00E+00	4.39E-04	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	2.89E-02
243	ALL	668370.1	4342761	NonCancer	1.42E-03	8.69E-03	2.78E-02	0.00E+00	0.00E+00	8.69E-03	5.33E-04	0.00E+00	4.22E-04	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	2.78E-02
244	ALL	668591.4	4342761	NonCancer	1.64E-03	1.00E-02	3.20E-02	0.00E+00	0.00E+00	1.00E-02	6.14E-04	0.00E+00	4.87E-04	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	3.20E-02
245	ALL	668812.7	4342761	NonCancer	1.57E-03	9.60E-03	3.07E-02	0.00E+00	0.00E+00	9.61E-03	5.90E-04	0.00E+00	4.67E-04	0.00E+00	0.00E+00	3.97E-06	0.00E+00	0.00E+00	3.07E-02
246	ALL	669034	4342761	NonCancer	6.45E-04	3.93E-03	1.25E-02	0.00E+00	0.00E+00	3.93E-03	2.47E-04	0.00E+00	1.91E-04	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	1.25E-02
247	ALL	669255.3	4342761	NonCancer	4.53E-04	2.75E-03	8.79E-03	0.00E+00	0.00E+00	2.76E-03	1.76E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	4.17E-06	0.00E+00	0.00E+00	8.79E-03
248	ALL	669476.7	4342761	NonCancer	5.48E-04	3.33E-03	1.06E-02	0.00E+00	0.00E+00	3.33E-03	2.11E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.89E-06	0.00E+00	0.00E+00	1.06E-02
249	ALL	669698	4342761	NonCancer	3.63E-04	2.19E-03	6.99E-03	0.00E+00	0.00E+00	2.20E-03	1.44E-04	0.00E+00	1.06E-04	0.00E+00	0.00E+00	4.67E-06	0.00E+00	0.00E+00	6.99E-03
250	ALL	669919.3	4342761	NonCancer	2.42E-04	1.45E-03	4.61E-03	0.00E+00	0.00E+00	1.46E-03	1.02E-04	0.00E+00	7.01E-05	0.00E+00	0.00E+00	5.23E-06	0.00E+00	0.00E+00	4.61E-03
251	ALL	670140.6	4342761	NonCancer	1.66E-04	9.63E-04	3.06E-03	0.00E+00	0.00E+00	9.90E-04	7.89E-05	0.00E+00	4.62E-05	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	3.06E-03
252	ALL	670361.9	4342761	NonCancer	1.28E-04	7.23E-04	2.29E-03	0.00E+00	0.00E+00	7.58E-04	7.98E-05	0.00E+00	3.44E-05	0.00E+00	0.00E+00	3.49E-05	0.00E+00	0.00E+00	2.29E-03
253	ALL	670583.2	4342761	NonCancer	8.85E-05	5.04E-04	1.60E-03	0.00E+00	0.00E+00	5.27E-04	9.98E-05	0.00E+00	2.41E-05	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	1.60E-03
254	ALL	670804.5	4342761	NonCancer	9.60E-05	5.35E-04	1.69E-03	0.00E+00	0.00E+00	5.65E-04	1.19E-04	0.00E+00	2.54E-05	0.00E+00	0.00E+00	3.00E-05	0.00E+00	0.00E+00	1.69E-03
255	ALL	671025.8	4342761	NonCancer	8.43E-05	4.61E-04	1.45E-03	0.00E+00	0.00E+00	4.93E-04	1.28E-04	0.00E+00	2.17E-05	0.00E+00	0.00E+00	3.24E-05	0.00E+00	0.00E+00	1.45E-03
256	ALL	671247.1	4342761	NonCancer	6.31E-05	3.58E-04	1.14E-03	0.00E+00	0.00E+00	3.75E-04	9.76E-05	0.00E+00	1.71E-05	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	1.14E-03
257	ALL	671468.4	4342761	NonCancer	5.07E-05	2.90E-04	9.21E-04	0.00E+00	0.00E+00	3.02E-04	5.99E-05	0.00E+00	1.39E-05	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	9.21E-04
258	ALL	671689.8	4342761	NonCancer	4.23E-05	2.42E-04	7.70E-04	0.00E+00	0.00E+00	2.52E-04	3.77E-05	0.00E+00	1.16E-05	0.00E+00	0.00E+00	9.85E-06	0.00E+00	0.00E+00	7.70E-04
259	ALL	671911.1	4342761	NonCancer	3.62E-05	2.08E-04	6.61E-04	0.00E+00	0.00E+00	2.16E-04	2.67E-05	0.00E+00	9.95E-06	0.00E+00	0.00E+00	7.58E-06	0.00E+00	0.00E+00	6.61E-04
260	ALL	672132.4	4342761	NonCancer	3.57E-05	2.05E-04	6.54E-04	0.00E+00	0.00E+00	2.16E-04	2.43E-05	0.00E+00	9.81E-06	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	6.54E-04
261	ALL	672353.7	4342761	NonCancer	4.23E-05	2.17E-04	6.79E-04	0.00E+00	0.00E+00	2.43E-04	2.19E-05	0.00E+00	1.00E-05	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	6.79E-04
262	ALL	672575	4342761	NonCancer	4.05E-05	2.09E-04	6.52E-04	0.00E+00	0.00E+00	2.30E-04	1.97E-05	0.00E+00	9.66E-06	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	6.52E-04
263	ALL	668148.8	4342926	NonCancer	1.76E-03	1.08E-02	3.44E-02	0.00E+00	0.00E+00	1.08E-02	6.59E-04	0.00E+00	5.23E-04	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	3.44E-02
264	ALL	668370.1	4342926	NonCancer	1.99E-03	1.21E-02	3.88E-02	0.00E+00	0.00E+00	1.22E-02	7.43E-04	0.00E+00	5.91E-04	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	3.88E-02
265	ALL	668591.4	4342926	NonCancer	1.11E-03	6.75E-03	2.16E-02	0.00E+00	0.00E+00	6.75E-03	4.17E-04	0.00E+00	3.28E-04	0.00E+00	0.00E+00	3.89E-06	0.00E+00	0.00E+00	2.16E-02
266	ALL	668812.7	4342926	NonCancer	1.30E-03	7.91E-03	2.53E-02	0.00E+00	0.00E+00	7.91E-03	4.88E-04	0.00E+00	3.84E-04	0.00E+00	0.00E+00	4.96E-06	0.00E+00	0.00E+00	2.53E-02
267	ALL	669034	4342926	NonCancer	9.11E-04	5.55E-03	1.77E-02	0.00E+00	0.00E+00	5.55E-03	3.45E-04	0.00E+00	2.70E-04	0.00E+00	0.00E+00	5.02E-06	0.00E+00	0.00E+00	1.77E-02
268	ALL	669476.7	4342926	NonCancer	7.37E-04	4.48E-03	1.43E-02	0.00E+00	0.00E+00	4.49E-03	2.81E-04	0.00E+00	2.18E-04	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	1.43E-02
269	ALL	669698	4342926	NonCancer	2.48E-04	1.49E-03	4.75E-03	0.00E+00	0.00E+00	1.49E-03	1.04E-04	0.00E+00	7.21E-05	0.00E+00	0.00E+00	4.23E-06	0.00E+00	0.00E+00	4.75E-03
270	ALL	669919.3	4342926	NonCancer	1.73E-04	1.02E-03	3.24E-03	0.00E+00	0.00E+00	1.04E-03	7.96E-05	0.00E+00	4.91E-05	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	3.24E-03
271	ALL	670140.6	4342926	NonCancer	1.39E-04	8.06E-04	2.56E-03	0.00E+00	0.00E+00	8.34E-04	7.83E-05	0.00E+00	3.86E-05	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	2.56E-03
272	ALL	670361.9	4342926	NonCancer	1.13E-04	6.42E-04	2.04E-03	0.00E+00	0.00E+00	6.71E-04	8.31E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	2.84E-05	0.00E+00	0.00E+00	2.04E-03
273	ALL	670583.2	4342926	NonCancer	9.84E-05	5.40E-04	1.70E-03	0.00E+00	0.00E+00	5.74E-04	8.80E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	3.42E-05	0.00E+00	0.00E+00	1.70E-03
274	ALL	670804.5	4342926	NonCancer	9.03E-05	4.87E-04	1.53E-03	0.00E+00	0.00E+00	5.25E-04	9.74E-05	0.00E+00	2.29E-05	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	1.53E-03
275	ALL	671025.8	4342926	NonCancer	6.47E-05	3.74E-04	1.19E-03	0.00E+00	0.00E+00	3.87E-04	9.17E-05	0.00E+00	1.79E-05	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	1.19E-03
276	ALL	671247.1	4342926	NonCancer	5.91E-05	3.39E-04	1.08E-03	0.00E+00	0.00E+00	3.53E-04	7.79E-05	0.00E+00	1.62E-05	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	1.08E-03
277	ALL	671468.4	4342926	NonCancer	5.16E-05	3.00E-04	9.52E-04	0.00E+00	0.00E+00	3.08E-04	5.20E-05	0.00E+00	1.44E-05	0.00E+00	0.00E+00	8.17E-06	0.00E+00	0.00E+00	9.52E-04
278	ALL	671689.8	4342926	NonCancer	4.63E-05	2.70E-04	8.57E-04	0.00E+00	0.00E+00	2.77E-04	3.65E-05	0.00E+00	1.29E-05	0.00E+00	0.00E+00	7.24E-06	0.00E+00	0.00E+00	8.57E-04
279	ALL	671911.1	4342926	NonCancer	4.16E-05	2.43E-04	7.74E-04	0.00E+00	0.00E+00	2.50E-04	2.75E-05	0.00E+00	1.17E-05	0.00E+00	0.00E+00	6.76E-06	0.00E+00	0.00E+00	7.74E-04
280	ALL	672132.4	4342926	NonCancer	3.81E-05	2.24E-04	7.14E-04	0.00E+00	0.00E+00	2.31E-04	2.26E-05	0.00E+00	1.08E-05	0.00E+00	0.00E+00	6.68E-06	0.00E+00	0.00E+00	7.14E-04
281	ALL	672353.7	4342926	NonCancer	5.20E-05	3.01E-04	9.60E-04	0.00E+00	0.00E+00	3.15E-04	2.67E-05	0.00E+00	1.44E-05	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	9.60E-04
282	ALL	672575	4342926	NonCancer	6.74E-05	3.79E-04	1.20E-03	0.00E+00	0.00E+00	3.99E-04	2.93E-05	0.00E+00	1.80E-05	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	1.20E-03
283	ALL	668148.8	4343090	NonCancer	1.68E-03	1.02E-02	3.28E-02	0.00E+00	0.00E+00	1.02E-02	6.27E-04	0.00E+00	4.98E-04	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	3.28E-02
284	ALL	668370.1	4343090	NonCancer	2.32E-03	1.42E-02	4.53E-02	0.00E+00	0.00E+00	1.42E-02	8.66E-04	0.00E+00	6.89E-04	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	4.53E-02
285	ALL	668591.4	4343090	NonCancer	1.55E-03	9.44E-03	3.02E-02	0.00E+00	0.00E+00	9.45E-03	5.80E-04	0.00E+00	4.59E-04	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	3.02E-02
286	ALL	669476.7	4343090	NonCancer	9.01E-04	5.49E-03	1.75E-02	0.00E+00	0.00E+00	5.49E-03	3.43E-04	0.00E+00	2.67E-04	0.00E+00	0.00E+00	4.53E-06	0.00E+00	0.00E+00	1.75E-02
287	ALL	669698	4343090	NonCancer	5.07E-04	3.08E-03	9.82E-03	0.00E+00	0.00E+00	3.08E-03	2.01E-04	0.00E+00	1.49E-04	0.00E+00	0.00E+00	3.97E-06	0.00E+00	0.00E+00	9.82E-03
288	ALL	669919.3	4343090	NonCancer	3.25E-04	1.96E-03	6.24E-03	0.00E+00	0.00E+00	1.96E-03	1.41E-04	0.00E+00	9.49E-05	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	6.24E-03
289	ALL	670140.6	4343090	NonCancer	2.39E-04	1.42E-03	4.52E-03	0.00E+00	0.00E+00	1.44E-03	1.17E-04	0.00E+00	6.85E-05	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	4.52E-03
290	ALL	670361.9	4343090	NonCancer	2.61E-04	1.56E-03	4.95E-03	0.00E+00	0.00E+00	1.56E-03	1.37E-04	0.00E+00	7.52E-05	0.00E+00	0.00E+00	5.40E-06	0.00E+00	0.00E+00	4.95E-03
291	ALL	670583.2	4343090	NonCancer	2.82E-04	1.69E-03	5.37E-03	0.00E+00	0.00E+00	1.69E-03	1.50E-04	0.00E+00	8.15E-05	0.00E+00	0.00E+00	6.02E-06	0.00E+00	0.00E+00	5.37E-03
292	ALL	670804.5	4343090	NonCancer	1.96E-04	1.14E-03	3.61E-03	0.00E+00	0.00E+00	1.17E-03	1.23E-04	0.00E+00	5.45E-05	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	3.61E-03
293	ALL	671025.8	4343090	NonCancer	1.28E-04	7.62E-04	2.43E-03	0.00E+00	0.00E+00	7.72E-04	9.74E-05	0.00E+00	3.68E-05	0.00E+00	0.00E+00	9.83E-06	0.00E+00	0.00E+00	2.43E-03
294	ALL	671247.1	4343090	NonCancer	1.21E-04	7.23E-04	2.31E-03	0.00E+00	0.00E+00	7.34E-04	8.79E-05	0.00E+00	3.50E-05	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	2.31E-03
295	ALL	671468.4	4343090	NonCancer	1.06E-04	6.35E-04	2.03E-03	0.00E+00	0.00E+00	6.42E-04	6.71E-05	0.00E+00	3.07E-05	0.00E+00	0.00E+00	7.23E-06	0.00E+00	0.00E+00	2.03E-03
296	ALL	671689.8	4343090	NonCancer	9.71E-05	5.83E-04	1.86E-03	0.00E+00	0.00E+00	5.90E-04	5.31E-05	0.00E+00	2.82E-05	0.00E+00	0.00E+00	7.07E-06	0.00E+00	0.00E+00	1.86E-03

297	ALL	671911.1	4343090	NonCancer	9.03E-05	5.42E-04	1.73E-03	0.00E+00	0.00E+00	5.49E-04	4.44E-05	0.00E+00	2.63E-05	0.00E+00	0.00E+00	6.60E-06	0.00E+00	0.00E+00	1.73E-03
298	ALL	672132.4	4343090	NonCancer	8.55E-05	5.14E-04	1.64E-03	0.00E+00	0.00E+00	5.19E-04	3.94E-05	0.00E+00	2.49E-05	0.00E+00	0.00E+00	4.91E-06	0.00E+00	0.00E+00	1.64E-03
299	ALL	672353.7	4343090	NonCancer	7.91E-05	4.76E-04	1.52E-03	0.00E+00	0.00E+00	4.80E-04	3.50E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	1.52E-03
300	ALL	672575	4343090	NonCancer	8.69E-05	5.22E-04	1.67E-03	0.00E+00	0.00E+00	5.30E-04	3.75E-05	0.00E+00	2.53E-05	0.00E+00	0.00E+00	7.70E-06	0.00E+00	0.00E+00	1.67E-03
301	ALL	668148.8	4343255	NonCancer	1.73E-03	1.05E-02	3.37E-02	0.00E+00	0.00E+00	1.05E-02	6.46E-04	0.00E+00	5.13E-04	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	3.37E-02
302	ALL	668370.1	4343255	NonCancer	2.43E-03	1.48E-02	4.74E-02	0.00E+00	0.00E+00	1.48E-02	9.04E-04	0.00E+00	7.21E-04	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	4.74E-02
303	ALL	668591.4	4343255	NonCancer	3.69E-03	2.25E-02	7.20E-02	0.00E+00	0.00E+00	2.25E-02	1.37E-03	0.00E+00	1.09E-03	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	7.20E-02
304	ALL	669476.7	4343255	NonCancer	5.15E-04	3.13E-03	9.99E-03	0.00E+00	0.00E+00	3.13E-03	2.03E-04	0.00E+00	1.52E-04	0.00E+00	0.00E+00	3.82E-06	0.00E+00	0.00E+00	9.99E-03
305	ALL	669698	4343255	NonCancer	4.08E-04	2.47E-03	7.89E-03	0.00E+00	0.00E+00	2.47E-03	1.67E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	7.89E-03
306	ALL	669919.3	4343255	NonCancer	2.96E-04	1.79E-03	5.69E-03	0.00E+00	0.00E+00	1.79E-03	1.32E-04	0.00E+00	8.65E-05	0.00E+00	0.00E+00	3.96E-06	0.00E+00	0.00E+00	5.69E-03
307	ALL	670140.6	4343255	NonCancer	2.56E-04	1.54E-03	4.89E-03	0.00E+00	0.00E+00	1.54E-03	1.24E-04	0.00E+00	7.43E-05	0.00E+00	0.00E+00	4.33E-06	0.00E+00	0.00E+00	4.89E-03
308	ALL	670361.9	4343255	NonCancer	2.64E-04	1.58E-03	5.04E-03	0.00E+00	0.00E+00	1.59E-03	1.31E-04	0.00E+00	7.66E-05	0.00E+00	0.00E+00	4.80E-06	0.00E+00	0.00E+00	5.04E-03
309	ALL	670583.2	4343255	NonCancer	2.65E-04	1.59E-03	5.06E-03	0.00E+00	0.00E+00	1.60E-03	1.35E-04	0.00E+00	7.70E-05	0.00E+00	0.00E+00	5.23E-06	0.00E+00	0.00E+00	5.06E-03
310	ALL	670804.5	4343255	NonCancer	1.94E-04	1.14E-03	3.62E-03	0.00E+00	0.00E+00	1.15E-03	1.14E-04	0.00E+00	5.50E-05	0.00E+00	0.00E+00	5.78E-06	0.00E+00	0.00E+00	3.62E-03
311	ALL	671025.8	4343255	NonCancer	1.02E-04	6.11E-04	1.95E-03	0.00E+00	0.00E+00	6.20E-04	7.73E-05	0.00E+00	2.96E-05	0.00E+00	0.00E+00	8.47E-06	0.00E+00	0.00E+00	1.95E-03
312	ALL	671247.1	4343255	NonCancer	9.48E-05	5.65E-04	1.80E-03	0.00E+00	0.00E+00	5.74E-04	6.83E-05	0.00E+00	2.73E-05	0.00E+00	0.00E+00	8.69E-06	0.00E+00	0.00E+00	1.80E-03
313	ALL	671468.4	4343255	NonCancer	8.74E-05	5.23E-04	1.67E-03	0.00E+00	0.00E+00	5.30E-04	5.66E-05	0.00E+00	2.53E-05	0.00E+00	0.00E+00	7.21E-06	0.00E+00	0.00E+00	1.67E-03
314	ALL	671689.8	4343255	NonCancer	7.76E-05	4.64E-04	1.48E-03	0.00E+00	0.00E+00	4.70E-04	4.40E-05	0.00E+00	2.25E-05	0.00E+00	0.00E+00	5.65E-06	0.00E+00	0.00E+00	1.48E-03
315	ALL	671911.1	4343255	NonCancer	7.18E-05	4.30E-04	1.37E-03	0.00E+00	0.00E+00	4.35E-04	3.66E-05	0.00E+00	2.08E-05	0.00E+00	0.00E+00	4.56E-06	0.00E+00	0.00E+00	1.37E-03
316	ALL	672132.4	4343255	NonCancer	6.90E-05	4.14E-04	1.32E-03	0.00E+00	0.00E+00	4.19E-04	3.27E-05	0.00E+00	2.01E-05	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	1.32E-03
317	ALL	672353.7	4343255	NonCancer	6.62E-05	3.98E-04	1.27E-03	0.00E+00	0.00E+00	4.02E-04	2.99E-05	0.00E+00	1.93E-05	0.00E+00	0.00E+00	4.41E-06	0.00E+00	0.00E+00	1.27E-03
318	ALL	672575	4343255	NonCancer	6.10E-05	3.67E-04	1.17E-03	0.00E+00	0.00E+00	3.70E-04	2.67E-05	0.00E+00	1.78E-05	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	1.17E-03
319	ALL	668148.8	4343420	NonCancer	1.82E-03	1.11E-02	3.55E-02	0.00E+00	0.00E+00	1.11E-02	6.79E-04	0.00E+00	5.40E-04	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	3.55E-02
320	ALL	668370.1	4343420	NonCancer	2.18E-03	1.33E-02	4.25E-02	0.00E+00	0.00E+00	1.33E-02	8.12E-04	0.00E+00	6.47E-04	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	4.25E-02
321	ALL	668591.4	4343420	NonCancer	2.85E-03	1.74E-02	5.56E-02	0.00E+00	0.00E+00	1.74E-02	1.06E-03	0.00E+00	8.46E-04	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	5.56E-02
322	ALL	668812.7	4343420	NonCancer	3.22E-03	1.97E-02	6.29E-02	0.00E+00	0.00E+00	1.97E-02	1.20E-03	0.00E+00	9.57E-04	0.00E+00	0.00E+00	3.96E-06	0.00E+00	0.00E+00	6.29E-02
323	ALL	669034	4343420	NonCancer	3.55E-03	2.17E-02	6.94E-02	0.00E+00	0.00E+00	2.17E-02	1.32E-03	0.00E+00	1.06E-03	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	6.94E-02
324	ALL	669255.3	4343420	NonCancer	1.92E-03	1.17E-02	3.74E-02	0.00E+00	0.00E+00	1.17E-02	7.20E-04	0.00E+00	5.69E-04	0.00E+00	0.00E+00	8.36E-06	0.00E+00	0.00E+00	3.74E-02
325	ALL	669476.7	4343420	NonCancer	1.06E-03	6.44E-03	2.06E-02	0.00E+00	0.00E+00	6.45E-03	4.04E-04	0.00E+00	3.13E-04	0.00E+00	0.00E+00	5.54E-06	0.00E+00	0.00E+00	2.06E-02
326	ALL	669698	4343420	NonCancer	3.88E-04	2.35E-03	7.51E-03	0.00E+00	0.00E+00	2.36E-03	1.62E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	7.51E-03
327	ALL	669919.3	4343420	NonCancer	3.25E-04	1.96E-03	6.26E-03	0.00E+00	0.00E+00	1.97E-03	1.42E-04	0.00E+00	9.52E-05	0.00E+00	0.00E+00	3.71E-06	0.00E+00	0.00E+00	6.26E-03
328	ALL	670140.6	4343420	NonCancer	3.78E-04	2.29E-03	7.31E-03	0.00E+00	0.00E+00	2.29E-03	1.65E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	7.31E-03
329	ALL	670361.9	4343420	NonCancer	2.46E-04	1.48E-03	4.71E-03	0.00E+00	0.00E+00	1.48E-03	1.20E-04	0.00E+00	7.16E-05	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	4.71E-03
330	ALL	670583.2	4343420	NonCancer	2.34E-04	1.40E-03	4.46E-03	0.00E+00	0.00E+00	1.41E-03	1.18E-04	0.00E+00	6.78E-05	0.00E+00	0.00E+00	4.58E-06	0.00E+00	0.00E+00	4.46E-03
331	ALL	670804.5	4343420	NonCancer	1.67E-04	9.83E-04	3.12E-03	0.00E+00	0.00E+00	9.88E-04	9.66E-05	0.00E+00	4.73E-05	0.00E+00	0.00E+00	4.98E-06	0.00E+00	0.00E+00	3.12E-03
332	ALL	671025.8	4343420	NonCancer	1.13E-04	6.58E-04	2.09E-03	0.00E+00	0.00E+00	6.79E-04	7.41E-05	0.00E+00	3.16E-05	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	2.09E-03
333	ALL	671247.1	4343420	NonCancer	9.06E-05	5.37E-04	1.72E-03	0.00E+00	0.00E+00	5.49E-04	6.25E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.72E-03
334	ALL	671468.4	4343420	NonCancer	6.87E-05	4.10E-04	1.31E-03	0.00E+00	0.00E+00	4.16E-04	4.57E-05	0.00E+00	1.98E-05	0.00E+00	0.00E+00	6.09E-06	0.00E+00	0.00E+00	1.31E-03
335	ALL	671689.8	4343420	NonCancer	5.73E-05	3.41E-04	1.09E-03	0.00E+00	0.00E+00	3.46E-04	3.51E-05	0.00E+00	1.65E-05	0.00E+00	0.00E+00	4.97E-06	0.00E+00	0.00E+00	1.09E-03
336	ALL	671911.1	4343420	NonCancer	4.61E-05	2.74E-04	8.75E-04	0.00E+00	0.00E+00	2.78E-04	2.64E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	3.90E-06	0.00E+00	0.00E+00	8.75E-04
337	ALL	672132.4	4343420	NonCancer	3.76E-05	2.23E-04	7.13E-04	0.00E+00	0.00E+00	2.27E-04	2.05E-05	0.00E+00	1.08E-05	0.00E+00	0.00E+00	3.90E-06	0.00E+00	0.00E+00	7.13E-04
338	ALL	672353.7	4343420	NonCancer	3.05E-05	1.81E-04	5.76E-04	0.00E+00	0.00E+00	1.84E-04	1.62E-05	0.00E+00	8.71E-06	0.00E+00	0.00E+00	3.50E-06	0.00E+00	0.00E+00	5.76E-04
339	ALL	672575	4343420	NonCancer	2.68E-05	1.58E-04	5.05E-04	0.00E+00	0.00E+00	1.62E-04	1.37E-05	0.00E+00	7.64E-06	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	5.05E-04
340	ALL	668148.8	4343585	NonCancer	8.04E-04	4.90E-03	1.57E-02	0.00E+00	0.00E+00	4.90E-03	3.04E-04	0.00E+00	2.38E-04	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	1.57E-02
341	ALL	668370.1	4343585	NonCancer	9.50E-04	5.79E-03	1.85E-02	0.00E+00	0.00E+00	5.79E-03	3.58E-04	0.00E+00	2.82E-04	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	1.85E-02
342	ALL	668591.4	4343585	NonCancer	2.13E-03	1.30E-02	4.17E-02	0.00E+00	0.00E+00	1.30E-02	7.96E-04	0.00E+00	6.34E-04	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	4.17E-02
343	ALL	668812.7	4343585	NonCancer	1.41E-03	8.61E-03	2.75E-02	0.00E+00	0.00E+00	8.61E-03	5.30E-04	0.00E+00	4.19E-04	0.00E+00	0.00E+00	5.60E-06	0.00E+00	0.00E+00	2.75E-02
344	ALL	669034	4343585	NonCancer	6.41E-04	3.91E-03	1.25E-02	0.00E+00	0.00E+00	3.91E-03	2.47E-04	0.00E+00	1.90E-04	0.00E+00	0.00E+00	4.90E-06	0.00E+00	0.00E+00	1.25E-02
345	ALL	669255.3	4343585	NonCancer	6.04E-04	3.68E-03	1.18E-02	0.00E+00	0.00E+00	3.68E-03	2.36E-04	0.00E+00	1.79E-04	0.00E+00	0.00E+00	4.36E-06	0.00E+00	0.00E+00	1.18E-02
346	ALL	669476.7	4343585	NonCancer	5.49E-04	3.34E-03	1.07E-02	0.00E+00	0.00E+00	3.34E-03	2.18E-04	0.00E+00	1.62E-04	0.00E+00	0.00E+00	4.09E-06	0.00E+00	0.00E+00	1.07E-02
347	ALL	669698	4343585	NonCancer	5.56E-04	3.38E-03	1.08E-02	0.00E+00	0.00E+00	3.38E-03	2.23E-04	0.00E+00	1.64E-04	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	1.08E-02
348	ALL	669919.3	4343585	NonCancer	6.43E-04	3.91E-03	1.25E-02	0.00E+00	0.00E+00	3.91E-03	2.58E-04	0.00E+00	1.90E-04	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	1.25E-02
349	ALL	670140.6	4343585	NonCancer	5.99E-04	3.64E-03	1.16E-02	0.00E+00	0.00E+00	3.65E-03	2.45E-04	0.00E+00	1.77E-04	0.00E+00	0.00E+00	3.99E-06	0.00E+00	0.00E+00	1.16E-02
350	ALL	670361.9	4343585	NonCancer	4.67E-04	2.83E-03	9.04E-03	0.00E+00	0.00E+00	2.84E-03	1.98E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	4.02E-06	0.00E+00	0.00E+00	9.04E-03
351	ALL	670583.2	4343585	NonCancer	2.88E-04	1.74E-03	5.54E-03	0.00E+00	0.00E+00	1.74E-03	1.33E-04	0.00E+00	8.42E-05	0.00E+00	0.00E+00	4.05E-06	0.00E+00	0.00E+00	5.54E-03
352	ALL	670804.5	4343585	NonCancer	1.28E-04	7.54E-04	2.39E-03	0.00E+00	0.00E+00	7.58E-04	7.50E-05	0.00E+00	3.63E-05	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	2.39E-03
353	ALL	671025.8	4343585	NonCancer	1.06E-04	6.16E-04	1.94E-03	0.00E+00	0.00E+00	6.20E-04	6.62E-05	0.00E+00	2.95E-05	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	1.94E-03
354	ALL	671247.1	4343585	NonCancer	7.11E-05	4.18E-04	1.33E-03	0.00E+00	0.00E+00	4.30E-04	5.04E-05	0.00E+00	2.02E-05	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	1.33E-03
355	ALL	671468.4	4343585	NonCancer	6.76E-05	4.03E-04	1.29E-03	0.00E+00	0.00E+00	4.10E-04	4.36E-05	0.00E+00	1.95E-05	0.00E+00	0.00E+00	6.96E-06	0.00E+00	0.00E+00	1.29E-03
356	ALL	671689.8	4343585	NonCancer	6.70E-05	4.01E-04	1.28E-03	0.00E+00	0.00E+00	4.06E-04	3.84E-05	0.00E+00	1.94E-05	0.00E+00	0.00E+00	5.40E-06	0.00E+00	0.00E+00	1.28E-03
357	ALL	671911.1	4343585	NonCancer	6.10E-05	3.66E-04	1.17E-03	0.00E+00	0.00E+00	3.70E-04	3.18E-05	0.00E+00	1.77E-05	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	1.17E-03
358	ALL	672132.4	4343585	NonCancer	5.75E-05	3.45E-04	1.10E-03	0.00E+00	0.00E+00	3.49E-04	2.78E-05	0.00E+00	1.67E-05	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	1.10E-03
359	ALL	672353.7	4343585	NonCancer	5.18E-05	3.11E-04	9.94E-04	0.00E+00	0.00E+00	3.14E-04	2.39E-05	0.00E+00	1.51E-05	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	9.94E-04
360	ALL	672575	4343585	NonCancer	4.76E-05	2.85E-04	9.11E-04	0.00E+00	0.00E+00	2.88E-04	2.12E-05	0.00E+00	1.38E-05	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	9.11E-04
361	ALL	668148.8	4343750	NonCancer	9.01E-04	5.49E-03	1.76E-02	0.00E+00	0.00E+00	5.50E-03	3.40E-04	0.00E+00	2.67E-04	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	1.76E-02
362	ALL	668370.1	4343750	NonCancer	4.54E-04	2.76E-03	8.83E-03	0.00E+00	0.00E+00	2.77E-03	1.75E-04	0.00E+00	1.34E-04	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	8.83E-03
363	ALL	668591.4	4343750	NonCancer	5.50E-04	3.35E-03	1.07E-02	0.00E+00	0.00E+00	3.35E-03	2.12E-04	0.00E+00	1.63E-04	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	1.07E-02
364	ALL	668812.7	4343750	NonCancer	6.94E-04	4.23E-03	1.35E-02	0.00E+00	0.00E+00	4.23E-03	2.66E-04	0.00E+00	2.06E-04	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	1.35E-02
365	ALL	669034	4343750	NonCancer	3.09E-04	1.87E-03	5.98E-03	0.00E+00	0.00E+00	1.88E-03	1.26E-04	0.00E+00	9.09E-05	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	5.98E-03
366	ALL	669255.3	4343750	NonCancer	2.84E-04	1.72E-03	5.49E-03	0.00E+00	0.00E+00	1.72E-03	1.19E-04	0.00E+00	8.34E-05	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	5.49E-03
367	ALL	669476.7	4343750	NonCancer	4.30E-04	2.61E-03	8.35E-03	0.00E+00	0.00E+00	2.62E-03	1.75E-04	0.00E+00	1.27E-04	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	8.35E-03
368	ALL	669698	4343750	NonCancer	3.71E-04	2.25E-03	7.18E-03	0.00E+00	0.00E+00	2.25E-03	1.55E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	7.18E-03
369	ALL	669919.3	4343750	NonCancer	3.40E-04	2.06E-03	6.58E-03	0.00E+00	0.00E+00	2.06E-03	1.45E-04	0.00E+00	1.00E-04	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	6.58E-03
370	ALL	670140.6	4343750	NonCancer	3.72E-04	2.25E-03	7.20E-03	0.00E+00	0.00E+00	2.26E-03	1.59E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	7.20E-03
371	ALL	670361.9	4343750	NonCancer	3.76E-04	2.28E-03	7.27E-03	0.00E+00	0.00E+00	2.28E-03	1.62E-04	0.00E+00	1.11E-04	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	7.27E-03
372	ALL	670583.2	4343750	NonCancer	4.08E-04	2.47E-03	7.88E-03	0.00E+00	0.00E+00	2.47E-03	1.74E-04	0.00E+00	1.20E-04	0.00E+00	0.00E+00	3.77E-06	0.00E+00	0.00E+00	7.88E-03
373	ALL	670804.5	4343750	NonCancer	3.24E-04	1.96E-03	6.25E-03	0.00E+00	0.00E+00	1.96E-03	1.43E-04	0.00E+00	9.50E-05	0.00E+00	0.00E+00	3.88E-06	0.00E+00	0.00E+00	6.25E-03
374	ALL	671025.8	4343750	NonCancer	1.93E-04	1.16E-03	3.69E-03	0.00E+00	0.00E+00	1.16E-03	9.33E-05	0.00E+00	5.60E-05	0.00E+00	0.00E+00	3.94E-06	0.00E+00	0.00E+00	3.69E-03
375	ALL	671247.1	4343750	NonCancer	7.12E-05	3.98E-04	1.26E-03	0.00E+00	0.00E+00	4.15E-04	4.52E-05	0.00E+00	1.89E-05	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	1.26E-03
376	ALL	671468.4	4343750	NonCancer	4.48E-05	2.41E-04	7.57E-04	0.00E+00	0.00E+00	2.57E-04	3.22E-05	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	7.57E-04
377	ALL	671689.8	4343750	NonCancer	5.29E-05	2.91E-04	9.17E-04	0.00E+00	0.00E+00	3.09E-04	3.16E-05	0.00E+00	1.37E-05	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	9.17E-04
378	ALL	671911.1	4343750	NonCancer	4.47E-05	2.58E-04	8.21E-04	0.00E+00	0.00E+00	2.68E-04	2.65E-05	0.00E+00	1.24E-05	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	8.21E-04
379	ALL	672132.4	4343750	NonCancer	4.15E-05	2.47E-04	7.87E-04	0.00E+00	0.00E+00	2.52E-04	2.23E-05	0.00E+00	1.19E-05	0.00E+00	0.00E+00	5.22E-06	0.00E+00	0.00E+00	7.87E-04
380	ALL	672353.7	4343750	NonCancer	4.08E-05	2.44E-04	7.78E-04	0.00E+00	0.00E+00	2.47E-04	1.98E-05	0.00E+00	1.18E-05	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	7.78E-04
381	ALL	672575	4343750	NonCancer	4.38E-05	2.63E-04	8.39E-04	0.00E+00	0.00E+00	2.66E-04	1.99E-05	0.00E+00	1.27E-05	0.00E+00	0.00E+00	3.06E-06	0.00E+00	0.00E+00	8.39E-04
382	ALL	668148.8	4343915	NonCancer	1.22E-03	7.44E-03	2.38E-02	0.00E+00	0.00E+00	7.44E-03	4.57E-04	0.00E+00	3.62E-04	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	2.38E-02
383	ALL	668370.1	4343915	NonCancer	4.49E-04	2.73E-03	8.73E-03	0.00E+00	0.00E+00	2.73E-03	1.74E-04	0.00E+00	1.33E-04	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	8.73E-03
384	ALL	668591.4	4343915	NonCancer	3.40E-04	2.06E-03	6.60E-03	0.00E+00	0.00E+00	2.07E-03	1.35E-04	0.00E+00	1.00E-04	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	6.60E-03
385	ALL	668812.7	4343915	NonCancer	3.52E-04	2.14E-03	6.83E-03	0.00E+00	0.00E+00	2.14E-03	1.41E-04	0.00E+00	1.04E-04	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	6.83E-03
386	ALL	669034	4343915	NonCancer	2.47E-04	1.50E-03	4.78E-03	0.00E+00	0.00E+00	1.50E-03	1.04E-04	0.00E+00	7.26E-05	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	4.78E-03
387	ALL	669255.3	4343915	NonCancer	1.99E-04	1.20E-03	3.84E-03	0.00E+00	0.00E+00	1.21E-03	8.87E-05	0.00E+00	5.83E-05	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	3.84E-03
388	ALL	669476.7	4343915	NonCancer	2.56E-04	1.55E-03	4.95E-03	0.00E+00	0.00E+00	1.55E-03	1.11E-04	0.00E+00	7.53E-05	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	4.95E-03
389	ALL	669698	4343915	NonCancer	3.30E-04	2.00E-03	6.40E-03	0.00E+00	0.00E+00	2.01E-03	1.39E-04	0.00E+00	9.73E-05	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	6.40E-03
390	ALL	669919.3	4343915	NonCancer	2.99E-04	1.81E-03	5.78E-03	0.00E+00	0.00E+00	1.81E-03	1.29E-04	0.00E+00	8.78E-05	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	5.78E-03
391	ALL	670140.6	4343915	NonCancer	2.57E-04	1.55E-03	4.95E-03	0.00E+00	0.00E+00	1.55E-03	1.14E-04	0.00E+00	7.52E-05	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	4.95E-03
392	ALL	670361.9	4343915	NonCancer	2.62E-04	1.58E-03	5.05E-03	0.00E+00	0.00E+00	1.59E-03	1.17E-04	0.00E+00	7.68E-05	0.00E+00	0.00E+00	3.27E-06	0.00E+00	0.00E+00	5.05E-03
393	ALL	670583.2	4343915	NonCancer	2.41E-04	1.45E-03	4.63E-03	0.00E+00	0.00E+00	1.45E-03	1.09E-04	0.00E+00	7.03E-05	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	4.63E-03
394	ALL	670804.5	4343915	NonCancer	2.76E-04	1.67E-03	5.32E-03	0.00E+00	0.00E+00	1.67E-03	1.22E-04	0.00E+00	8.09E-05	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	5.32E-03
395	ALL	671025.8	4343915	NonCancer	2.06E-04	1.23E-03	3.93E-03	0.00E+00	0.00E+00	1.24E-03	9.51E-05	0.00E+00	5.96E-05	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	3.93E-03

396	ALL	671247.1	4343915	NonCancer	2.25E-04	1.35E-03	4.31E-03	0.00E+00	0.00E+00	0.00E+00	1.36E-03	9.98E-05	0.00E+00	6.55E-05	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	4.31E-03
397	ALL	671468.4	4343915	NonCancer	9.56E-05	5.55E-04	1.76E-03	0.00E+00	0.00E+00	0.00E+00	5.70E-04	4.90E-05	0.00E+00	2.66E-05	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	1.76E-03
398	ALL	671689.8	4343915	NonCancer	4.91E-05	2.76E-04	8.73E-04	0.00E+00	0.00E+00	0.00E+00	2.90E-04	2.92E-05	0.00E+00	1.31E-05	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	8.73E-04
399	ALL	671911.1	4343915	NonCancer	2.63E-05	1.48E-04	4.71E-04	0.00E+00	0.00E+00	0.00E+00	1.57E-04	1.90E-05	0.00E+00	7.06E-06	0.00E+00	0.00E+00	8.32E-06	0.00E+00	0.00E+00	4.71E-04
400	ALL	672132.4	4343915	NonCancer	2.71E-05	1.55E-04	4.94E-04	0.00E+00	0.00E+00	0.00E+00	1.63E-04	1.72E-05	0.00E+00	7.41E-06	0.00E+00	0.00E+00	8.16E-06	0.00E+00	0.00E+00	4.94E-04
401	ALL	672353.7	4343915	NonCancer	2.66E-05	1.55E-04	4.93E-04	0.00E+00	0.00E+00	0.00E+00	1.61E-04	1.51E-05	0.00E+00	7.43E-06	0.00E+00	0.00E+00	5.90E-06	0.00E+00	0.00E+00	4.93E-04
402	ALL	672575	4343915	NonCancer	2.57E-05	1.51E-04	4.82E-04	0.00E+00	0.00E+00	0.00E+00	1.55E-04	1.35E-05	0.00E+00	7.28E-06	0.00E+00	0.00E+00	4.05E-06	0.00E+00	0.00E+00	4.82E-04
403	ALL	668148.8	4344080	NonCancer	8.34E-04	5.09E-03	1.63E-02	0.00E+00	0.00E+00	0.00E+00	5.09E-03	3.15E-04	0.00E+00	2.47E-04	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	1.63E-02
404	ALL	668370.1	4344080	NonCancer	5.59E-04	3.41E-03	1.09E-02	0.00E+00	0.00E+00	0.00E+00	3.41E-03	2.15E-04	0.00E+00	1.66E-04	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	1.09E-02
405	ALL	668591.4	4344080	NonCancer	2.95E-04	1.79E-03	5.73E-03	0.00E+00	0.00E+00	0.00E+00	1.80E-03	1.19E-04	0.00E+00	8.71E-05	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	5.73E-03
406	ALL	668812.7	4344080	NonCancer	2.49E-04	1.51E-03	4.82E-03	0.00E+00	0.00E+00	0.00E+00	1.51E-03	1.04E-04	0.00E+00	7.33E-05	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	4.82E-03
407	ALL	669034	4344080	NonCancer	2.06E-04	1.24E-03	3.97E-03	0.00E+00	0.00E+00	0.00E+00	1.25E-03	8.95E-05	0.00E+00	6.03E-05	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	3.97E-03
408	ALL	669255.3	4344080	NonCancer	1.45E-04	8.72E-04	2.78E-03	0.00E+00	0.00E+00	0.00E+00	8.74E-04	6.90E-05	0.00E+00	4.22E-05	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	2.78E-03
409	ALL	669476.7	4344080	NonCancer	2.96E-04	1.79E-03	5.73E-03	0.00E+00	0.00E+00	0.00E+00	1.80E-03	1.25E-04	0.00E+00	8.71E-05	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	5.73E-03
410	ALL	669698	4344080	NonCancer	3.35E-04	2.03E-03	6.48E-03	0.00E+00	0.00E+00	0.00E+00	2.03E-03	1.40E-04	0.00E+00	9.86E-05	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	6.48E-03
411	ALL	669919.3	4344080	NonCancer	2.24E-04	1.35E-03	4.31E-03	0.00E+00	0.00E+00	0.00E+00	1.35E-03	1.00E-04	0.00E+00	6.56E-05	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	4.31E-03
412	ALL	670140.6	4344080	NonCancer	2.09E-04	1.26E-03	4.01E-03	0.00E+00	0.00E+00	0.00E+00	1.26E-03	9.60E-05	0.00E+00	6.09E-05	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	4.01E-03
413	ALL	670361.9	4344080	NonCancer	2.00E-04	1.21E-03	3.85E-03	0.00E+00	0.00E+00	0.00E+00	1.21E-03	9.20E-05	0.00E+00	5.85E-05	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	3.85E-03
414	ALL	670583.2	4344080	NonCancer	2.16E-04	1.30E-03	4.14E-03	0.00E+00	0.00E+00	0.00E+00	1.30E-03	9.78E-05	0.00E+00	6.30E-05	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	4.14E-03
415	ALL	670804.5	4344080	NonCancer	1.66E-04	9.94E-04	3.16E-03	0.00E+00	0.00E+00	0.00E+00	9.98E-04	7.95E-05	0.00E+00	4.81E-05	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	3.16E-03
416	ALL	671025.8	4344080	NonCancer	1.04E-04	6.05E-04	1.92E-03	0.00E+00	0.00E+00	0.00E+00	6.21E-04	5.41E-05	0.00E+00	2.90E-05	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	1.92E-03
417	ALL	671247.1	4344080	NonCancer	1.83E-04	1.10E-03	3.49E-03	0.00E+00	0.00E+00	0.00E+00	1.10E-03	8.24E-05	0.00E+00	5.31E-05	0.00E+00	0.00E+00	3.23E-06	0.00E+00	0.00E+00	3.49E-03
418	ALL	671468.4	4344080	NonCancer	1.77E-04	1.06E-03	3.37E-03	0.00E+00	0.00E+00	0.00E+00	1.06E-03	7.81E-05	0.00E+00	5.13E-05	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	3.37E-03
419	ALL	671689.8	4344080	NonCancer	7.45E-05	4.41E-04	1.41E-03	0.00E+00	0.00E+00	0.00E+00	4.51E-04	3.80E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	9.52E-06	0.00E+00	0.00E+00	1.41E-03
420	ALL	671911.1	4344080	NonCancer	3.26E-05	1.93E-04	6.16E-04	0.00E+00	0.00E+00	0.00E+00	1.98E-04	2.00E-05	0.00E+00	9.30E-06	0.00E+00	0.00E+00	4.85E-06	0.00E+00	0.00E+00	6.16E-04
421	ALL	672132.4	4344080	NonCancer	1.95E-05	1.14E-04	3.61E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04	1.31E-05	0.00E+00	5.46E-06	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	3.61E-04
422	ALL	672353.7	4344080	NonCancer	1.85E-05	1.07E-04	3.41E-04	0.00E+00	0.00E+00	0.00E+00	1.10E-04	1.15E-05	0.00E+00	5.15E-06	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	3.41E-04
423	ALL	672575	4344080	NonCancer	2.03E-05	1.19E-04	3.79E-04	0.00E+00	0.00E+00	0.00E+00	1.22E-04	1.11E-05	0.00E+00	5.74E-06	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	3.79E-04
424	ALL	671464.7	4342094	NonCancer	9.48E-05	5.26E-04	1.68E-03	0.00E+00	0.00E+00	0.00E+00	5.71E-04	1.11E-04	0.00E+00	2.50E-05	0.00E+00	0.00E+00	4.55E-05	0.00E+00	0.00E+00	1.68E-03
425	ALL	671482.2	4342064	NonCancer	9.52E-05	5.27E-04	1.68E-03	0.00E+00	0.00E+00	0.00E+00	5.75E-04	1.05E-04	0.00E+00	2.50E-05	0.00E+00	0.00E+00	4.88E-05	0.00E+00	0.00E+00	1.68E-03
426	ALL	671498.6	4342030	NonCancer	9.38E-05	5.15E-04	1.64E-03	0.00E+00	0.00E+00	0.00E+00	5.64E-04	9.70E-05	0.00E+00	2.44E-05	0.00E+00	0.00E+00	4.87E-05	0.00E+00	0.00E+00	1.64E-03
427	ALL	671513.8	4341992	NonCancer	9.15E-05	4.96E-04	1.58E-03	0.00E+00	0.00E+00	0.00E+00	5.54E-04	8.73E-05	0.00E+00	2.34E-05	0.00E+00	0.00E+00	5.73E-05	0.00E+00	0.00E+00	1.58E-03
428	ALL	671541.8	4341965	NonCancer	8.88E-05	4.80E-04	1.53E-03	0.00E+00	0.00E+00	0.00E+00	5.35E-04	7.85E-05	0.00E+00	2.26E-05	0.00E+00	0.00E+00	5.50E-05	0.00E+00	0.00E+00	1.53E-03
429	ALL	671575.6	4341974	NonCancer	8.76E-05	4.83E-04	1.54E-03	0.00E+00	0.00E+00	0.00E+00	5.29E-04	7.52E-05	0.00E+00	2.29E-05	0.00E+00	0.00E+00	4.67E-05	0.00E+00	0.00E+00	1.54E-03
430	ALL	671460.8	4342163	NonCancer	8.91E-05	4.98E-04	1.59E-03	0.00E+00	0.00E+00	0.00E+00	5.38E-04	1.09E-04	0.00E+00	2.37E-05	0.00E+00	0.00E+00	4.01E-05	0.00E+00	0.00E+00	1.59E-03
431	ALL	671451	4342187	NonCancer	8.75E-05	4.88E-04	1.55E-03	0.00E+00	0.00E+00	0.00E+00	5.26E-04	1.07E-04	0.00E+00	2.32E-05	0.00E+00	0.00E+00	3.81E-05	0.00E+00	0.00E+00	1.55E-03
432	ALL	671510.7	4342220	NonCancer	8.38E-05	4.70E-04	1.50E-03	0.00E+00	0.00E+00	0.00E+00	5.03E-04	9.04E-05	0.00E+00	2.24E-05	0.00E+00	0.00E+00	3.31E-05	0.00E+00	0.00E+00	1.50E-03
433	ALL	671524.1	4342193	NonCancer	8.10E-05	4.54E-04	1.45E-03	0.00E+00	0.00E+00	0.00E+00	4.89E-04	8.98E-05	0.00E+00	2.16E-05	0.00E+00	0.00E+00	3.47E-05	0.00E+00	0.00E+00	1.45E-03
434	ALL	671522.9	4342251	NonCancer	8.50E-05	4.76E-04	1.52E-03	0.00E+00	0.00E+00	0.00E+00	5.11E-04	8.63E-05	0.00E+00	2.26E-05	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	1.52E-03
435	ALL	671599.1	4342253	NonCancer	8.11E-05	4.56E-04	1.45E-03	0.00E+00	0.00E+00	0.00E+00	4.88E-04	7.47E-05	0.00E+00	2.17E-05	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	1.45E-03
436	ALL	671627.8	4342257	NonCancer	7.99E-05	4.48E-04	1.43E-03	0.00E+00	0.00E+00	0.00E+00	4.80E-04	7.09E-05	0.00E+00	2.13E-05	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	1.43E-03
437	ALL	671583.9	4342116	NonCancer	8.05E-05	4.55E-04	1.45E-03	0.00E+00	0.00E+00	0.00E+00	4.85E-04	8.04E-05	0.00E+00	2.17E-05	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	1.45E-03
438	ALL	671595.5	4342072	NonCancer	8.29E-05	4.70E-04	1.50E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-04	7.91E-05	0.00E+00	2.24E-05	0.00E+00	0.00E+00	3.08E-05	0.00E+00	0.00E+00	1.50E-03
439	ALL	671663.1	4342056	NonCancer	8.56E-05	4.84E-04	1.54E-03	0.00E+00	0.00E+00	0.00E+00	5.16E-04	7.14E-05	0.00E+00	2.31E-05	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	1.54E-03
440	ALL	671600.9	4342030	NonCancer	8.63E-05	4.86E-04	1.55E-03	0.00E+00	0.00E+00	0.00E+00	5.22E-04	7.80E-05	0.00E+00	2.32E-05	0.00E+00	0.00E+00	3.55E-05	0.00E+00	0.00E+00	1.55E-03
441	ALL	671526.6	4342156	NonCancer	8.23E-05	4.63E-04	1.48E-03	0.00E+00	0.00E+00	0.00E+00	4.96E-04	9.05E-05	0.00E+00	2.20E-05	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	1.48E-03
442	ALL	671629	4342292	NonCancer	7.66E-05	4.28E-04	1.37E-03	0.00E+00	0.00E+00	0.00E+00	4.65E-04	6.78E-05	0.00E+00	2.04E-05	0.00E+00	0.00E+00	3.70E-05	0.00E+00	0.00E+00	1.37E-03
443	ALL	671641.8	4341981	NonCancer	8.86E-05	4.94E-04	1.57E-03	0.00E+00	0.00E+00	0.00E+00	5.33E-04	6.99E-05	0.00E+00	2.35E-05	0.00E+00	0.00E+00	3.84E-05	0.00E+00	0.00E+00	1.57E-03
444	ALL	671666.8	4342019	NonCancer	8.87E-05	4.99E-04	1.59E-03	0.00E+00	0.00E+00	0.00E+00	5.35E-04	7.05E-05	0.00E+00	2.38E-05	0.00E+00	0.00E+00	3.62E-05	0.00E+00	0.00E+00	1.59E-03
445	ALL	671407.1	4342220	NonCancer	9.08E-05	5.02E-04	1.59E-03	0.00E+00	0.00E+00	0.00E+00	5.40E-04	1.16E-04	0.00E+00	2.38E-05	0.00E+00	0.00E+00	3.83E-05	0.00E+00	0.00E+00	1.59E-03
446	ALL	671415.6	4342183	NonCancer	9.44E-05	5.24E-04	1.67E-03	0.00E+00	0.00E+00	0.00E+00	5.67E-04	1.20E-04	0.00E+00	2.49E-05	0.00E+00	0.00E+00	4.28E-05	0.00E+00	0.00E+00	1.67E-03
447	ALL	671635.1	4341706	NonCancer	1.40E-04	7.30E-04	2.32E-03	0.00E+00	0.00E+00	0.00E+00	8.37E-04	6.16E-05	0.00E+00	3.40E-05	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	2.32E-03
448	ALL	671693.6	4341710	NonCancer	1.24E-04	6.49E-04	2.07E-03	0.00E+00	0.00E+00	0.00E+00	7.47E-04	5.62E-05	0.00E+00	3.02E-05	0.00E+00	0.00E+00	9.87E-05	0.00E+00	0.00E+00	2.07E-03
449	ALL	671719.8	4341736	NonCancer	1.10E-04	5.60E-04	1.78E-03	0.00E+00	0.00E+00	0.00E+00	6.57E-04	5.16E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	9.78E-05	0.00E+00	0.00E+00	1.78E-03
450	ALL	671673.5	4341630	NonCancer	1.50E-04	8.09E-04	2.55E-03	0.00E+00	0.00E+00	0.00E+00	8.78E-04	6.34E-05	0.00E+00	3.79E-05	0.00E+00	0.00E+00	6.93E-05	0.00E+00	0.00E+00	2.55E-03
451	ALL	671888	4341936	NonCancer	9.41E-05	4.99E-04	1.57E-03	0.00E+00	0.00E+00	0.00E+00	5.51E-04	5.15E-05	0.00E+00	2.33E-05	0.00E+00	0.00E+00	5.24E-05	0.00E+00	0.00E+00	1.57E-03
452	ALL	671977.6	4341952	NonCancer	8.21E-05	4.56E-04	1.45E-03	0.00E+00	0.00E+00	0.00E+00	4.90E-04	4.66E-05	0.00E+00	2.16E-05	0.00E+00	0.00E+00	3.39E-05	0.00E+00	0.00E+00	1.45E-03
453	ALL	672039.2	4341895	NonCancer	7.60E-05	4.35E-04	1.39E-03	0.00E+00	0.00E+00	0.00E+00	4.60E-04	4.23E-05	0.00E+00	2.08E-05	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	1.39E-03
454	ALL	671858.2	4341754	NonCancer	7.75E-05	3.80E-04	1.20E-03	0.00E+00	0.00E+00	0.00E+00	4.51E-04	3.87E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	7.10E-05	0.00E+00	0.00E+00	1.20E-03
455	ALL	671922.8	4341634	NonCancer	9.00E-05	4.75E-04	1.51E-03	0.00E+00	0.00E+00	0.00E+00	5.34E-04	4.02E-05	0.00E+00	2.22E-05	0.00E+00	0.00E+00	5.91E-05	0.00E+00	0.00E+00	1.51E-03
456	ALL	671613.7	4341791	NonCancer	1.13E-04	5.69E-04	1.79E-03	0.00E+00	0.00E+00	0.00E+00	6.52E-04	5.79E-05	0.00E+00	2.62E-05	0.00E+00	0.00E+00	8.37E-05	0.00E+00	0.00E+00	1.79E-03
457	ALL	671853.3	4341731	NonCancer	8.00E-05	3.97E-04	1.25E-03	0.00E+00	0.00E+00	0.00E+00	4.69E-04	3.91E-05	0.00E+00	1.82E-05	0.00E+00	0.00E+00	7.24E-05	0.00E+00	0.00E+00	1.25E-03
458	ALL	671783.8	4341586	NonCancer	1.38E-04	7.53E-04	2.37E-03	0.00E+00	0.00E+00	0.00E+00	8.00E-04	5.75E-05	0.00E+00	3.54E-05	0.00E+00	0.00E+00	4.77E-05	0.00E+00	0.00E+00	2.37E-03
459	ALL	671783.2	4341547	NonCancer	1.43E-04	7.86E-04	2.48E-03	0.00E+00	0.00E+00	0.00E+00	8.34E-04	5.86E-05	0.00E+00	3.71E-05	0.00E+00	0.00E+00	4.84E-05	0.00E+00	0.00E+00	2.48E-03
460	ALL	671769.2	4341461	NonCancer	1.42E-04	7.83E-04	2.47E-03	0.00E+00	0.00E+00	0.00E+00	8.30E-04	5.70E-05	0.00E+00	3.70E-05	0.00E+00	0.00E+00	4.66E-05	0.00E+00	0.00E+00	2.47E-03
461	ALL	671800.9	4341421	NonCancer	1.36E-04	7.51E-04	2.38E-03	0.00E+00	0.00E+00	0.00E+00	8.04E-04	5.41E-05	0.00E+00	3.55E-05	0.00E+00	0.00E+00	5.28E-05	0.00E+00	0.00E+00	2.38E-03
462	ALL	671880.1	4341427	NonCancer	1.32E-04	7.37E-04	2.34E-03	0.00E+00	0.00E+00	0.00E+00	7.87E-04	5.26E-05	0.00E+00	3.50E-05	0.00E+00	0.00E+00	5.07E-05	0.00E+00	0.00E+00	2.34E-03
463	ALL	672012.4	4341505	NonCancer	8.67E-05	5.08E-04	1.62E-03	0.00E+00	0.00E+00	0.00E+00	5.27E-04	3.98E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	1.62E-03
464	ALL	672084.3	4341548	NonCancer	6.76E-05	3.84E-04	1.22E-03	0.00E+00	0.00E+00	0.00E+00	4.05E-04	3.26E-05	0.00E+00	1.83E-05	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	1.22E-03
465	ALL	671915.5	4341478	NonCancer	1.25E-04	6.97E-04	2.21E-03	0.00E+00	0.00E+00	0.00E+00	7.41E-04	5.07E-05	0.00E+00	3.31E-05	0.00E+00	0.00E+00	4.36E-05	0.00E+00	0.00E+00	2.21E-03
466	ALL	671903.3	4341564	NonCancer	1.14E-04	6.24E-04	1.98E-03	0.00E+00	0.00E+00	0.00E+00	6.79E-04	4.78E-05	0.00E+00	2.94E-05	0.00E+00	0.00E+00	5.50E-05	0.00E+00	0.00E+00	1.98E-03
467	ALL	671863.1	4341522	NonCancer	1.32E-04	7.26E-04	2.30E-03	0.00E+00	0.00E+00	0.00E+00	7.83E-04	5.34E-05	0.00E+00	3.43E-05	0.00E+00	0.00E+00	5.71E-05	0.00E+00	0.00E+00	2.30E-03
468	ALL	671830.1	4341336	NonCancer	1.18E-04	6.50E-04	2.07E-03	0.00E+00	0.00E+00	0.00E+00	7.02E-04	4.69E-05	0.00E+00	3.08E-05	0.00E+00	0.00E+00	5.20E-05	0.00E+00	0.00E+00	2.07E-03
469	ALL	671835.6	4341288	NonCancer	1.04E-04	5.70E-04	1.81E-03	0.00E+00	0.00E+00	0.00E+00	6.19E-04	4.16E-05	0.00E+00	2.69E-05	0.00E+00	0.00E+00	4.93E-05	0.00E+00	0.00E+00	1.81E-03
470	ALL	671825.9	4341275	NonCancer	9.90E-05	5.38E-04	1.71E-03	0.00E+00	0.00E+00	0.00E+00	5.86E-04	3.96E-05	0.00E+00	2.54E-05	0.00E+00	0.00E+00	4.82E-05	0.00E+00	0.00E+00	1.71E-03
471	ALL	672136.7	4341371	NonCancer	8.36E-05	4.96E-04	1.58E-03	0.00E+00	0.00E+00	0.00E+00	5.07E-04	3.60E-05	0.00E+00	2.40E-05	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.58E-03
472	ALL	671920.3	4341307	NonCancer	1.11E-04	6.27E-04	1.99E-03	0.00E+00	0.00E+00	0.00E+00	6.61E-04	4.52E-05	0.00E+00	2.99E-05	0.00E+00	0.00E+00	3.38E-05	0.00E+00	0.00E+00	1.99E-03
473	ALL	671695.4	4341257	NonCancer	6.77E-05	3.48E-04	1.10E-03	0.00E+00	0.00E+00	0.00E+00	3.95E-04	2.89E-05	0.00E+00	1.61E-05	0.00E+00	0.00E+00	4.67E-05	0.00E+00	0.00E+00	1.10E-03
474	ALL	671682	4341176	NonCancer	3.99E-05	1.97E-04	6.16E-04	0.00E+00	0.00E+00	0.00E+00	2.28E-04	1.99E-05	0.00E+00	9.00E-06	0.00E+00	0.00E+00	3.08E-05	0.00E+00	0.00E+00	6.16E-04
475	ALL	671991.7	4341196	NonCancer	9.14E-05	5.14E-04	1.63E-03	0.00E+00	0.00E+00	0.00E+00	5.44E-04	3.74E-05	0.00E+00	2.45E-05	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	1.63E-03
476	ALL	672022.1	4341232	NonCancer	9.99E-05	5.74E-04	1.83E-03	0.00E+00	0.00E+00	0.00E+00	6.00E-04	4.11E-05	0.00E+00	2.75E-05	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	1.83E-03
477	ALL	671992.3	4341178	NonCancer	8.21E-05	4.67E-04	1.48E-03	0.00E+00	0.00E+00	0.00E+00	4.91E-04	3.48E-05	0.00E+00	2.23E-05	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	1.48E-03
478	ALL	671540.6	4341238	NonCancer	3.09E-05	1.65E-04	5.24E-04	0.00E+00	0.00E+00	0.00E+00	1.85E-04	1.98E-05	0.00E+00	7.72E-06	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	5.24E-04
479	ALL	671575.3	4341178	NonCancer	2.97E-05	1.61E-04	5.10E-04	0.00E+00	0.00E+00	0.00E+00	1.77E-04	1.86E-05	0.00E+00	7.56E-06	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	5.10E-04
480	ALL	671454.7	4341196	NonCancer	3.13E-05	1.69E-04	5.39E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-04	2.11E-05	0.00E+00	7.98E-06	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	5.39E-04
481	ALL	671523.5	4341116	NonCancer	2.92E-05	1.60E-04	5.08E-04	0.00E+00	0.00E+00	0.00E+00	1.74E-04	1.82E-05	0.00E+00	7.55E-06	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	5.08E-04
482	ALL	671413.2	4341127	NonCancer	3.05E-05	1.65E-04	5.24E-04	0.00E+00	0.00E+00	0.00E+00	1.81E-04	2.14E-05	0.00E+00	7.78E-06	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	5.24E-04
483	ALL	671471.1	4341065	NonCancer	2.90E-05	1.60E-04	5.08E-04	0.00E+00	0.00E+00	0.00E+00	1.73E-04	1.86E-05	0.00E+00	7.56E-06	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	5.08E-04
484	ALL	671601.6	4341051	NonCancer	3.13E-05	1.68E-04	5.34E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-04	1.78E-05	0.00E+00	7.87E-06	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	5.34E-04
485	ALL	671198.6	4341254	NonCancer	3.21E-05	1.75E-04	5.57E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04	2.66E-05	0.00E+00	8.26E-06	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	5.57E-04
486	ALL	671278.5	4341212	NonCancer	3.24E-05	1.75E-04	5.56E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04	2.57E-05	0.00E+00	8.23E-06	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	5.56E-04
487	ALL	671230.3	4341133	NonCancer	3.07E-05	1.70E-04	5.40E-04	0.00E+00	0.00E+00	0.00E+00	1.84E-04	2.32E-05	0.00E+00	8.04E-06	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	5.40E-04
488	ALL	671073.1	4341272	NonCancer	3.17E-05	1.75E-04	5.54E-04	0.00E+00	0.00E+00	0.00E+00	1.89E-04	2.83E-05	0.00E+00	8.26E-06	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	5.54E-04
489	ALL	671122.5	4341374	NonCancer	3.31E-05	1.78E-04	5.67E-04	0.00E+00	0.00E+00	0.00E+00	1.99E-04	3.23E-05	0.00E+00	8.36E-06	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	5.67E-04
490	ALL	671118.8	4341397	NonCancer	3.34E-05	1.78E-04	5.64E-04	0.00E+00	0.00E+00	0.00E+00	1.99E-04	3.32E-05	0.00E+00	8.32E-06	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	5.64E-04
491	ALL	670978.4	4341324	NonCancer	3.23E-05	1.77E-04	5.63E-04	0.00E+00	0.00E+00	0.00E+00	1.93E-04	3.36E-05	0.00E+00	8.37E-06	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	5.63E-04
492	ALL	670932.9	4341394	NonCancer	3.46E-05	1.87E-04	5.97E-04	0.00E+00	0.00E+00	0.00E+00	2.08E-04	3.98E-05	0.00E+00	8.83E-06	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	5.97E-04
493	ALL	670935.2	4341367	NonCancer	3.37E-05	1.83E-04	5.83E-04	0.00E+00	0.00E+00	0.00E+00	2.02E-04	3.78E-05	0.00E+00	8.64E-06	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	5.83E-04
494	ALL	671108	4340976	NonCancer	3.13E-05	1.74E-04	5.53E-04	0.00E+00	0.00E+00	0.00E+00	1.88E-04	2.28E-05	0.00E+00	8.23E-06	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	5.53E-04

495	ALL	671286.7	4340979	NonCancer	2.81E-05	1.55E-04	4.93E-04	0.00E+00	0.00E+00	1.68E-04	1.96E-05	0.00E+00	7.34E-06	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	4.93E-04
496	ALL	671675.4	4342489	NonCancer	4.30E-05	2.39E-04	7.57E-04	0.00E+00	0.00E+00	2.56E-04	4.48E-05	0.00E+00	1.13E-05	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	7.57E-04
497	ALL	671091.4	4342277	NonCancer	1.59E-04	7.63E-04	2.34E-03	0.00E+00	0.00E+00	8.59E-04	3.55E-04	0.00E+00	3.44E-05	0.00E+00	0.00E+00	9.62E-05	0.00E+00	0.00E+00	2.34E-03
498	ALL	671051.8	4342332	NonCancer	1.37E-04	7.06E-04	2.20E-03	0.00E+00	0.00E+00	7.74E-04	3.14E-04	0.00E+00	3.27E-05	0.00E+00	0.00E+00	6.77E-05	0.00E+00	0.00E+00	2.20E-03
499	ALL	671051.8	4342369	NonCancer	1.40E-04	7.04E-04	2.18E-03	0.00E+00	0.00E+00	7.79E-04	2.87E-04	0.00E+00	3.23E-05	0.00E+00	0.00E+00	7.47E-05	0.00E+00	0.00E+00	2.18E-03
500	ALL	670953	4342361	NonCancer	1.40E-04	7.21E-04	2.25E-03	0.00E+00	0.00E+00	7.91E-04	2.12E-04	0.00E+00	3.34E-05	0.00E+00	0.00E+00	6.97E-05	0.00E+00	0.00E+00	2.25E-03
501	ALL	670695.7	4342236	NonCancer	2.05E-04	1.16E-03	3.64E-03	0.00E+00	0.00E+00	1.18E-03	9.61E-05	0.00E+00	5.51E-05	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	3.64E-03
502	ALL	670545.5	4342319	NonCancer	2.27E-04	1.32E-03	4.19E-03	0.00E+00	0.00E+00	1.34E-03	9.90E-05	0.00E+00	6.35E-05	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	4.19E-03
503	ALL	670711.7	4342488	NonCancer	1.34E-04	7.30E-04	2.30E-03	0.00E+00	0.00E+00	7.80E-04	1.15E-04	0.00E+00	3.44E-05	0.00E+00	0.00E+00	5.06E-05	0.00E+00	0.00E+00	2.30E-03
504	ALL	670648.3	4342502	NonCancer	1.32E-04	7.35E-04	2.32E-03	0.00E+00	0.00E+00	7.77E-04	1.08E-04	0.00E+00	3.48E-05	0.00E+00	0.00E+00	4.23E-05	0.00E+00	0.00E+00	2.32E-03
505	ALL	670648.3	4342631	NonCancer	9.95E-05	5.76E-04	1.83E-03	0.00E+00	0.00E+00	5.97E-04	1.24E-04	0.00E+00	2.76E-05	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	1.83E-03
506	ALL	670806.3	4342728	NonCancer	8.95E-05	4.95E-04	1.57E-03	0.00E+00	0.00E+00	5.26E-04	1.21E-04	0.00E+00	2.34E-05	0.00E+00	0.00E+00	3.04E-05	0.00E+00	0.00E+00	1.57E-03
507	ALL	670688.2	4342739	NonCancer	7.95E-05	4.59E-04	1.46E-03	0.00E+00	0.00E+00	4.77E-04	1.14E-04	0.00E+00	2.20E-05	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	1.46E-03
508	ALL	670804.9	4342428	NonCancer	1.48E-04	7.95E-04	2.50E-03	0.00E+00	0.00E+00	8.54E-04	1.31E-04	0.00E+00	3.73E-05	0.00E+00	0.00E+00	5.83E-05	0.00E+00	0.00E+00	2.50E-03
509	ALL	670439.5	4342472	NonCancer	1.71E-04	9.89E-04	3.12E-03	0.00E+00	0.00E+00	9.98E-04	8.25E-05	0.00E+00	4.73E-05	0.00E+00	0.00E+00	9.66E-06	0.00E+00	0.00E+00	3.12E-03
510	ALL	670358.4	4342579	NonCancer	1.80E-04	1.05E-03	3.31E-03	0.00E+00	0.00E+00	1.06E-03	8.87E-05	0.00E+00	5.03E-05	0.00E+00	0.00E+00	7.84E-06	0.00E+00	0.00E+00	3.31E-03
511	ALL	670546.6	4342662	NonCancer	1.22E-04	6.86E-04	2.17E-03	0.00E+00	0.00E+00	7.20E-04	1.00E-04	0.00E+00	3.26E-05	0.00E+00	0.00E+00	3.40E-05	0.00E+00	0.00E+00	2.17E-03
512	ALL	670537	4342595	NonCancer	1.31E-04	7.42E-04	2.35E-03	0.00E+00	0.00E+00	7.78E-04	9.84E-05	0.00E+00	3.53E-05	0.00E+00	0.00E+00	3.61E-05	0.00E+00	0.00E+00	2.35E-03
513	ALL	670483.5	4342777	NonCancer	9.74E-05	5.45E-04	1.72E-03	0.00E+00	0.00E+00	5.74E-04	8.75E-05	0.00E+00	2.59E-05	0.00E+00	0.00E+00	2.98E-05	0.00E+00	0.00E+00	1.72E-03
514	ALL	670508.2	4342755	NonCancer	9.47E-05	5.28E-04	1.67E-03	0.00E+00	0.00E+00	5.58E-04	8.94E-05	0.00E+00	2.51E-05	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	1.67E-03
515	ALL	670517.8	4342869	NonCancer	1.06E-04	5.98E-04	1.90E-03	0.00E+00	0.00E+00	6.27E-04	9.21E-05	0.00E+00	2.85E-05	0.00E+00	0.00E+00	2.86E-05	0.00E+00	0.00E+00	1.90E-03
516	ALL	670545.3	4342851	NonCancer	1.02E-04	5.83E-04	1.85E-03	0.00E+00	0.00E+00	6.08E-04	9.56E-05	0.00E+00	2.78E-05	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	1.85E-03
517	ALL	670582.4	4342878	NonCancer	1.00E-04	5.67E-04	1.80E-03	0.00E+00	0.00E+00	5.95E-04	9.47E-05	0.00E+00	2.70E-05	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	1.80E-03
518	ALL	670304.9	4342689	NonCancer	1.60E-04	9.21E-04	2.92E-03	0.00E+00	0.00E+00	9.48E-04	8.19E-05	0.00E+00	4.41E-05	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	2.92E-03
519	ALL	670039.7	4342661	NonCancer	2.82E-04	1.69E-03	5.38E-03	0.00E+00	0.00E+00	1.69E-03	1.15E-04	0.00E+00	8.17E-05	0.00E+00	0.00E+00	6.04E-06	0.00E+00	0.00E+00	5.38E-03
520	ALL	670156.5	4342673	NonCancer	2.01E-04	1.19E-03	3.77E-03	0.00E+00	0.00E+00	1.20E-03	9.08E-05	0.00E+00	5.73E-05	0.00E+00	0.00E+00	6.23E-06	0.00E+00	0.00E+00	3.77E-03
521	ALL	670236.2	4342649	NonCancer	1.87E-04	1.10E-03	3.48E-03	0.00E+00	0.00E+00	1.10E-03	8.89E-05	0.00E+00	5.28E-05	0.00E+00	0.00E+00	6.68E-06	0.00E+00	0.00E+00	3.48E-03
522	ALL	670071.3	4342738	NonCancer	1.99E-04	1.18E-03	3.74E-03	0.00E+00	0.00E+00	1.18E-03	9.03E-05	0.00E+00	5.68E-05	0.00E+00	0.00E+00	5.55E-06	0.00E+00	0.00E+00	3.74E-03
523	ALL	669990.2	4342753	NonCancer	2.22E-04	1.32E-03	4.20E-03	0.00E+00	0.00E+00	1.33E-03	9.59E-05	0.00E+00	6.39E-05	0.00E+00	0.00E+00	5.38E-06	0.00E+00	0.00E+00	4.20E-03
524	ALL	669928.4	4342742	NonCancer	2.59E-04	1.55E-03	4.94E-03	0.00E+00	0.00E+00	1.56E-03	1.07E-04	0.00E+00	7.51E-05	0.00E+00	0.00E+00	5.36E-06	0.00E+00	0.00E+00	4.94E-03
525	ALL	669815.8	4342673	NonCancer	3.96E-04	2.39E-03	7.64E-03	0.00E+00	0.00E+00	2.40E-03	1.55E-04	0.00E+00	1.16E-04	0.00E+00	0.00E+00	5.16E-06	0.00E+00	0.00E+00	7.64E-03
526	ALL	669743	4342656	NonCancer	3.72E-04	2.24E-03	7.16E-03	0.00E+00	0.00E+00	2.25E-03	1.46E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	4.97E-06	0.00E+00	0.00E+00	7.16E-03
527	ALL	669791	4342745	NonCancer	3.40E-04	2.05E-03	6.52E-03	0.00E+00	0.00E+00	2.05E-03	1.35E-04	0.00E+00	9.91E-05	0.00E+00	0.00E+00	4.93E-06	0.00E+00	0.00E+00	6.52E-03
528	ALL	669696.3	4342731	NonCancer	3.71E-04	2.24E-03	7.15E-03	0.00E+00	0.00E+00	2.25E-03	1.47E-04	0.00E+00	1.09E-04	0.00E+00	0.00E+00	4.68E-06	0.00E+00	0.00E+00	7.15E-03
529	ALL	669536.9	4342553	NonCancer	4.04E-04	2.45E-03	7.81E-03	0.00E+00	0.00E+00	2.45E-03	1.57E-04	0.00E+00	1.19E-04	0.00E+00	0.00E+00	4.76E-06	0.00E+00	0.00E+00	7.81E-03
530	ALL	671174.9	4342280	NonCancer	1.65E-04	7.66E-04	2.34E-03	0.00E+00	0.00E+00	8.90E-04	2.85E-04	0.00E+00	3.41E-05	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	2.34E-03
531	ALL	671068.4	4342170	NonCancer	1.43E-04	6.99E-04	2.22E-03	0.00E+00	0.00E+00	8.50E-04	9.51E-05	0.00E+00	3.19E-05	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	2.22E-03
532	ALL	670965.7	4342179	NonCancer	1.52E-04	7.66E-04	2.33E-03	0.00E+00	0.00E+00	7.99E-04	8.58E-05	0.00E+00	3.50E-05	0.00E+00	0.00E+00	3.34E-05	0.00E+00	0.00E+00	2.33E-03
533	ALL	670815.5	4342198	NonCancer	1.94E-04	1.08E-03	3.40E-03	0.00E+00	0.00E+00	1.11E-03	9.60E-05	0.00E+00	5.14E-05	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	3.40E-03
534	ALL	670737.6	4342098	NonCancer	2.31E-04	1.32E-03	4.16E-03	0.00E+00	0.00E+00	1.34E-03	1.10E-04	0.00E+00	6.31E-05	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	4.16E-03
535	ALL	670762.3	4342069	NonCancer	2.26E-04	1.29E-03	4.05E-03	0.00E+00	0.00E+00	1.31E-03	1.15E-04	0.00E+00	6.14E-05	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	4.05E-03
536	ALL	670817.4	4342041	NonCancer	2.23E-04	1.26E-03	3.96E-03	0.00E+00	0.00E+00	1.28E-03	1.25E-04	0.00E+00	5.99E-05	0.00E+00	0.00E+00	2.58E-05	0.00E+00	0.00E+00	3.96E-03
537	ALL	670895.4	4342025	NonCancer	2.22E-04	1.24E-03	3.89E-03	0.00E+00	0.00E+00	1.27E-03	1.31E-04	0.00E+00	5.88E-05	0.00E+00	0.00E+00	3.34E-05	0.00E+00	0.00E+00	3.89E-03
538	ALL	670979	4341915	NonCancer	2.02E-04	1.12E-03	3.51E-03	0.00E+00	0.00E+00	1.17E-03	1.36E-04	0.00E+00	5.28E-05	0.00E+00	0.00E+00	4.84E-05	0.00E+00	0.00E+00	3.51E-03
539	ALL	671115.9	4341864	NonCancer	1.96E-04	1.08E-03	3.44E-03	0.00E+00	0.00E+00	1.18E-03	1.01E-04	0.00E+00	5.10E-05	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	3.44E-03
540	ALL	671199.6	4341771	NonCancer	1.80E-04	9.72E-04	3.07E-03	0.00E+00	0.00E+00	1.06E-03	9.57E-05	0.00E+00	4.57E-05	0.00E+00	0.00E+00	8.32E-05	0.00E+00	0.00E+00	3.07E-03
541	ALL	671222.4	4341377	NonCancer	3.72E-05	1.92E-04	6.13E-04	0.00E+00	0.00E+00	2.25E-04	3.20E-05	0.00E+00	8.92E-06	0.00E+00	0.00E+00	3.30E-05	0.00E+00	0.00E+00	6.13E-04
542	ALL	671714.8	4341392	NonCancer	1.21E-04	6.60E-04	2.09E-03	0.00E+00	0.00E+00	7.16E-04	4.88E-05	0.00E+00	3.11E-05	0.00E+00	0.00E+00	5.67E-05	0.00E+00	0.00E+00	2.09E-03
543	ALL	671366.9	4341999	NonCancer	1.51E-04	5.70E-04	1.79E-03	0.00E+00	0.00E+00	8.73E-04	1.11E-04	0.00E+00	2.36E-05	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	1.79E-03
544	ALL	671226.2	4342236	NonCancer	1.66E-04	7.42E-04	2.26E-03	0.00E+00	0.00E+00	8.86E-04	2.03E-04	0.00E+00	3.26E-05	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	2.26E-03
545	ALL	669098.4	4343412	NonCancer	3.63E-03	2.22E-02	7.09E-02	0.00E+00	0.00E+00	2.22E-02	1.35E-03	0.00E+00	1.08E-03	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	7.09E-02
546	ALL	668908.6	4343365	NonCancer	4.45E-03	2.72E-02	8.70E-02	0.00E+00	0.00E+00	2.72E-02	1.65E-03	0.00E+00	1.32E-03	0.00E+00	0.00E+00	6.21E-06	0.00E+00	0.00E+00	8.70E-02
547	ALL	668851.5	4343360	NonCancer	4.40E-03	2.69E-02	8.60E-02	0.00E+00	0.00E+00	2.69E-02	1.63E-03	0.00E+00	1.31E-03	0.00E+00	0.00E+00	4.65E-06	0.00E+00	0.00E+00	8.60E-02
548	ALL	668831.4	4343371	NonCancer	4.04E-03	2.47E-02	7.90E-02	0.00E+00	0.00E+00	2.47E-02	1.50E-03	0.00E+00	1.20E-03	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	7.90E-02
549	ALL	668733.9	4343302	NonCancer	5.97E-03	3.64E-02	1.17E-01	0.00E+00	0.00E+00	3.64E-02	2.21E-03	0.00E+00	1.77E-03	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	1.17E-01
550	ALL	668686.9	4343200	NonCancer	3.98E-03	2.43E-02	7.78E-02	0.00E+00	0.00E+00	2.43E-02	1.48E-03	0.00E+00	1.18E-03	0.00E+00	0.00E+00	5.27E-06	0.00E+00	0.00E+00	7.78E-02
551	ALL	668671.8	4343089	NonCancer	2.70E-03	1.65E-02	5.28E-02	0.00E+00	0.00E+00	1.65E-02	1.01E-03	0.00E+00	8.03E-04	0.00E+00	0.00E+00	4.95E-06	0.00E+00	0.00E+00	5.28E-02
552	ALL	668806.2	4343002	NonCancer	2.31E-03	1.41E-02	4.52E-02	0.00E+00	0.00E+00	1.41E-02	8.63E-04	0.00E+00	6.87E-04	0.00E+00	0.00E+00	5.30E-06	0.00E+00	0.00E+00	4.52E-02
553	ALL	668918.7	4343025	NonCancer	1.34E-03	8.15E-03	2.61E-02	0.00E+00	0.00E+00	8.15E-03	5.02E-04	0.00E+00	3.96E-04	0.00E+00	0.00E+00	6.00E-06	0.00E+00	0.00E+00	2.61E-02
554	ALL	669024.5	4342943	NonCancer	1.09E-03	6.64E-03	2.12E-02	0.00E+00	0.00E+00	6.64E-03	4.11E-04	0.00E+00	3.23E-04	0.00E+00	0.00E+00	5.46E-06	0.00E+00	0.00E+00	2.12E-02
555	ALL	669288.2	4342916	NonCancer	9.78E-04	5.96E-03	1.90E-02	0.00E+00	0.00E+00	5.96E-03	3.70E-04	0.00E+00	2.90E-04	0.00E+00	0.00E+00	4.55E-06	0.00E+00	0.00E+00	1.90E-02
556	ALL	669333.6	4342923	NonCancer	1.07E-03	6.50E-03	2.08E-02	0.00E+00	0.00E+00	6.51E-03	4.03E-04	0.00E+00	3.16E-04	0.00E+00	0.00E+00	4.58E-06	0.00E+00	0.00E+00	2.08E-02
557	ALL	669365.5	4342978	NonCancer	1.13E-03	6.86E-03	2.19E-02	0.00E+00	0.00E+00	6.87E-03	4.25E-04	0.00E+00	3.34E-04	0.00E+00	0.00E+00	4.81E-06	0.00E+00	0.00E+00	2.19E-02
558	ALL	669337	4343151	NonCancer	1.39E-03	8.49E-03	2.72E-02	0.00E+00	0.00E+00	8.50E-03	5.24E-04	0.00E+00	4.13E-04	0.00E+00	0.00E+00	5.97E-06	0.00E+00	0.00E+00	2.72E-02
559	ALL	669303.4	4343304	NonCancer	1.19E-03	7.26E-03	2.32E-02	0.00E+00	0.00E+00	7.26E-03	4.50E-04	0.00E+00	3.53E-04	0.00E+00	0.00E+00	6.37E-06	0.00E+00	0.00E+00	2.32E-02
560	ALL	669222.7	4343235	NonCancer	1.66E-03	1.01E-02	3.24E-02	0.00E+00	0.00E+00	1.01E-02	6.23E-04	0.00E+00	4.92E-04	0.00E+00	0.00E+00	9.07E-06	0.00E+00	0.00E+00	3.24E-02
561	ALL	669135.4	4343306	NonCancer	3.76E-03	2.30E-02	7.34E-02	0.00E+00	0.00E+00	2.30E-02	1.40E-03	0.00E+00	1.12E-03	0.00E+00	0.00E+00	8.84E-06	0.00E+00	0.00E+00	7.34E-02

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		668148.8	4340781	NonCancer	7.32E-04	8.62E-04	1.32E-07	7.02E-05	9.08E-08	8.03E-04	1.39E-03	7.32E-04	2.43E-09	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	1.39E-03
2	ALL		668370.1	4340781	NonCancer	8.19E-04	9.41E-04	1.20E-07	6.65E-05	9.07E-08	8.86E-04	1.46E-03	8.19E-04	2.76E-09	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	1.46E-03
3	ALL		668591.4	4340781	NonCancer	9.39E-04	1.07E-03	1.29E-07	7.26E-05	1.01E-07	1.01E-03	1.65E-03	9.38E-04	3.11E-09	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	1.65E-03
4	ALL		668812.7	4340781	NonCancer	1.05E-03	1.20E-03	1.44E-07	8.08E-05	1.12E-07	1.13E-03	1.85E-03	1.05E-03	3.50E-09	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	1.85E-03
5	ALL		669034	4340781	NonCancer	1.20E-03	1.36E-03	1.50E-07	8.65E-05	1.23E-07	1.29E-03	2.08E-03	1.20E-03	3.99E-09	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	2.08E-03
6	ALL		669255.3	4340781	NonCancer	1.39E-03	1.56E-03	1.59E-07	9.38E-05	1.37E-07	1.49E-03	2.37E-03	1.39E-03	4.56E-09	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	2.37E-03
7	ALL		669476.7	4340781	NonCancer	1.48E-03	1.65E-03	1.63E-07	9.69E-05	1.43E-07	1.57E-03	2.51E-03	1.48E-03	5.16E-09	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	2.51E-03
8	ALL		669698	4340781	NonCancer	1.60E-03	1.78E-03	1.62E-07	9.88E-05	1.49E-07	1.70E-03	2.69E-03	1.60E-03	5.88E-09	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	2.69E-03
9	ALL		669919.3	4340781	NonCancer	1.60E-03	1.77E-03	1.56E-07	9.60E-05	1.45E-07	1.70E-03	2.84E-03	1.60E-03	1.38E-08	0.00E+00	0.00E+00	2.78E-05	0.00E+00	0.00E+00	2.84E-03
10	ALL		670140.6	4340781	NonCancer	1.41E-03	1.56E-03	1.42E-07	8.65E-05	1.30E-07	1.49E-03	2.83E-03	1.41E-03	1.39E-08	0.00E+00	0.00E+00	2.55E-05	0.00E+00	0.00E+00	2.83E-03
11	ALL		670361.9	4340781	NonCancer	1.09E-03	1.22E-03	1.22E-07	7.24E-05	1.05E-07	1.16E-03	2.40E-03	1.09E-03	1.15E-08	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	2.40E-03
12	ALL		670583.2	4340781	NonCancer	7.86E-04	8.89E-04	9.95E-08	5.71E-05	8.07E-08	8.43E-04	1.81E-03	7.86E-04	6.41E-09	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	1.81E-03
13	ALL		670804.5	4340781	NonCancer	6.55E-04	7.44E-04	8.63E-08	4.90E-05	6.88E-08	7.04E-04	1.49E-03	6.55E-04	4.52E-09	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	1.49E-03
14	ALL		671025.8	4340781	NonCancer	5.41E-04	6.17E-04	7.45E-08	4.19E-05	5.82E-08	5.83E-04	1.16E-03	5.41E-04	3.45E-09	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	1.16E-03
15	ALL		671247.1	4340781	NonCancer	4.37E-04	5.02E-04	6.44E-08	3.57E-05	4.87E-08	4.73E-04	9.50E-04	4.37E-04	2.54E-09	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	9.50E-04
16	ALL		671468.4	4340781	NonCancer	4.22E-04	4.86E-04	6.40E-08	3.52E-05	4.77E-08	4.57E-04	9.35E-04	4.22E-04	2.46E-09	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	9.35E-04
17	ALL		671689.8	4340781	NonCancer	3.36E-04	3.95E-04	5.97E-08	3.18E-05	4.12E-08	3.68E-04	8.20E-04	3.36E-04	2.12E-09	0.00E+00	0.00E+00	9.52E-06	0.00E+00	0.00E+00	8.20E-04
18	ALL		671911.1	4340781	NonCancer	3.03E-04	3.58E-04	5.69E-08	3.00E-05	3.85E-08	3.33E-04	7.20E-04	3.03E-04	1.62E-09	0.00E+00	0.00E+00	8.98E-06	0.00E+00	0.00E+00	7.20E-04
19	ALL		672132.4	4340781	NonCancer	2.42E-04	2.92E-04	5.14E-08	2.66E-05	3.31E-08	2.69E-04	5.77E-04	2.42E-04	1.03E-09	0.00E+00	0.00E+00	7.96E-06	0.00E+00	0.00E+00	5.77E-04
20	ALL		672353.7	4340781	NonCancer	2.57E-04	3.11E-04	5.63E-08	2.89E-05	3.57E-08	2.86E-04	6.43E-04	2.57E-04	1.35E-09	0.00E+00	0.00E+00	8.72E-06	0.00E+00	0.00E+00	6.43E-04
21	ALL		672575	4340781	NonCancer	2.47E-04	3.05E-04	6.12E-08	3.09E-05	3.69E-08	2.78E-04	6.38E-04	2.46E-04	1.47E-09	0.00E+00	0.00E+00	9.38E-06	0.00E+00	0.00E+00	6.38E-04
22	ALL		668148.8	4340946	NonCancer	7.53E-04	9.27E-04	1.82E-07	9.21E-05	1.11E-07	8.46E-04	1.59E-03	7.53E-04	2.41E-09	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	1.59E-03
23	ALL		668370.1	4340946	NonCancer	7.93E-04	9.41E-04	1.52E-07	7.98E-05	1.02E-07	8.73E-04	1.53E-03	7.92E-04	2.76E-09	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	1.53E-03
24	ALL		668591.4	4340946	NonCancer	8.96E-04	1.05E-03	1.54E-07	8.26E-05	1.08E-07	9.79E-04	1.68E-03	8.96E-04	3.14E-09	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	1.68E-03
25	ALL		668812.7	4340946	NonCancer	1.03E-03	1.20E-03	1.70E-07	9.19E-05	1.22E-07	1.12E-03	1.92E-03	1.03E-03	3.57E-09	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	1.92E-03
26	ALL		669034	4340946	NonCancer	1.20E-03	1.37E-03	1.62E-07	9.16E-05	1.28E-07	1.29E-03	2.12E-03	1.20E-03	4.18E-09	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	2.12E-03
27	ALL		669255.3	4340946	NonCancer	1.40E-03	1.58E-03	1.76E-07	1.01E-04	1.43E-07	1.50E-03	2.43E-03	1.40E-03	4.84E-09	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	2.43E-03
28	ALL		669476.7	4340946	NonCancer	1.52E-03	1.71E-03	1.80E-07	1.05E-04	1.51E-07	1.62E-03	2.62E-03	1.52E-03	5.58E-09	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	2.62E-03
29	ALL		669698	4340946	NonCancer	1.84E-03	2.03E-03	1.81E-07	1.11E-04	1.69E-07	1.95E-03	3.06E-03	1.84E-03	6.57E-09	0.00E+00	0.00E+00	3.03E-05	0.00E+00	0.00E+00	3.06E-03
30	ALL		669919.3	4340946	NonCancer	1.94E-03	2.14E-03	1.83E-07	1.14E-04	1.75E-07	2.06E-03	3.56E-03	1.94E-03	1.56E-08	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	3.56E-03
31	ALL		670140.6	4340946	NonCancer	1.81E-03	2.00E-03	1.68E-07	1.05E-04	1.61E-07	1.92E-03	3.47E-03	1.81E-03	1.84E-08	0.00E+00	0.00E+00	3.08E-05	0.00E+00	0.00E+00	3.47E-03
32	ALL		670361.9	4340946	NonCancer	1.48E-03	1.64E-03	1.47E-07	9.00E-05	1.35E-07	1.57E-03	3.14E-03	1.48E-03	1.68E-08	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	3.14E-03
33	ALL		670583.2	4340946	NonCancer	1.09E-03	1.21E-03	1.20E-07	7.14E-05	1.04E-07	1.16E-03	2.57E-03	1.09E-03	1.30E-08	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	2.57E-03
34	ALL		670804.5	4340946	NonCancer	7.92E-04	8.93E-04	9.66E-08	5.59E-05	8.01E-08	8.48E-04	1.88E-03	7.92E-04	6.42E-09	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	1.88E-03
35	ALL		671025.8	4340946	NonCancer	6.27E-04	7.13E-04	8.29E-08	4.71E-05	6.62E-08	6.75E-04	1.40E-03	6.27E-04	4.15E-09	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	1.40E-03
36	ALL		671247.1	4340946	NonCancer	4.85E-04	5.57E-04	7.02E-08	3.90E-05	5.36E-08	5.25E-04	1.07E-03	4.85E-04	2.79E-09	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	1.07E-03
37	ALL		671468.4	4340946	NonCancer	4.26E-04	4.93E-04	6.64E-08	3.63E-05	4.89E-08	4.63E-04	9.70E-04	4.26E-04	2.54E-09	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	9.70E-04
38	ALL		671689.8	4340946	NonCancer	3.84E-04	4.50E-04	6.77E-08	3.62E-05	4.69E-08	4.20E-04	9.90E-04	3.84E-04	2.59E-09	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	9.90E-04
39	ALL		671911.1	4340946	NonCancer	3.59E-04	4.25E-04	6.73E-08	3.55E-05	4.53E-08	3.95E-04	9.10E-04	3.59E-04	2.51E-09	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	9.10E-04
40	ALL		672132.4	4340946	NonCancer	2.60E-04	3.14E-04	5.62E-08	2.89E-05	3.59E-08	2.89E-04	6.27E-04	2.60E-04	1.08E-09	0.00E+00	0.00E+00	8.68E-06	0.00E+00	0.00E+00	6.27E-04
41	ALL		672353.7	4340946	NonCancer	2.60E-04	3.18E-04	6.07E-08	3.09E-05	3.76E-08	2.91E-04	6.51E-04	2.60E-04	1.14E-09	0.00E+00	0.00E+00	9.31E-06	0.00E+00	0.00E+00	6.51E-04
42	ALL		672575	4340946	NonCancer	2.65E-04	3.29E-04	6.75E-08	3.40E-05	4.04E-08	2.99E-04	6.88E-04	2.65E-04	1.54E-09	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	6.88E-04
43	ALL		668148.8	4341111	NonCancer	7.60E-04	9.60E-04	2.13E-07	1.06E-04	1.24E-07	8.66E-04	1.71E-03	7.59E-04	2.43E-09	0.00E+00	0.00E+00	3.19E-05	0.00E+00	0.00E+00	1.71E-03
44	ALL		668370.1	4341111	NonCancer	8.02E-04	9.91E-04	2.00E-07	1.01E-04	1.21E-07	9.03E-04	1.72E-03	8.01E-04	2.73E-09	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	1.72E-03
45	ALL		668591.4	4341111	NonCancer	8.50E-04	1.01E-03	1.66E-07	8.72E-05	1.10E-07	9.37E-04	1.66E-03	8.50E-04	3.16E-09	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	1.66E-03
46	ALL		668812.7	4341111	NonCancer	9.85E-04	1.16E-03	1.81E-07	9.58E-05	1.23E-07	1.08E-03	1.89E-03	9.84E-04	3.64E-09	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	1.89E-03
47	ALL		669034	4341111	NonCancer	1.14E-03	1.32E-03	1.80E-07	9.81E-05	1.31E-07	1.24E-03	2.09E-03	1.14E-03	4.26E-09	0.00E+00	0.00E+00	2.84E-05	0.00E+00	0.00E+00	2.09E-03
48	ALL		669255.3	4341111	NonCancer	1.31E-03	1.51E-03	1.99E-07	1.09E-04	1.47E-07	1.42E-03	2.39E-03	1.31E-03	4.95E-09	0.00E+00	0.00E+00	3.15E-05	0.00E+00	0.00E+00	2.39E-03
49	ALL		669476.7	4341111	NonCancer	1.55E-03	1.76E-03	1.98E-07	1.13E-04	1.60E-07	1.66E-03	2.72E-03	1.55E-03	5.96E-09	0.00E+00	0.00E+00	3.20E-05	0.00E+00	0.00E+00	2.72E-03
50	ALL		669698	4341111	NonCancer	1.93E-03	2.15E-03	1.99E-07	1.21E-04	1.81E-07	2.06E-03	3.24E-03	1.93E-03	7.18E-09	0.00E+00	0.00E+00	3.31E-05	0.00E+00	0.00E+00	3.24E-03
51	ALL		669919.3	4341111	NonCancer	2.15E-03	2.37E-03	1.96E-07	1.23E-04	1.91E-07	2.27E-03	3.55E-03	2.15E-03	8.61E-09	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	3.55E-03
52	ALL		670140.6	4341111	NonCancer	2.30E-03	2.52E-03	2.02E-07	1.29E-04	2.01E-07	2.43E-03	4.23E-03	2.30E-03	2.04E-08	0.00E+00	0.00E+00	3.71E-05	0.00E+00	0.00E+00	4.23E-03
53	ALL		670361.9	4341111	NonCancer	2.06E-03	2.26E-03	1.79E-07	1.14E-04	1.78E-07	2.17E-03	4.02E-03	2.06E-03	2.16E-08	0.00E+00	0.00E+00	3.36E-05	0.00E+00	0.00E+00	4.02E-03
54	ALL		670583.2	4341111	NonCancer	1.42E-03	1.57E-03	1.34E-07	8.34E-05	1.28E-07	1.51E-03	3.08E-03	1.42E-03	1.50E-08	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	3.08E-03
55	ALL		670804.5	4341111	NonCancer	9.30E-04	1.04E-03	1.04E-07	6.15E-05	9.05E-08	9.92E-04	2.18E-03	9.30E-04	7.70E-09	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	2.18E-03
56	ALL		671025.8	4341111	NonCancer	7.00E-04	7.93E-04	8.86E-08	5.08E-05	7.25E-08	7.52E-04	1.63E-03	7.00E-04	4.25E-09	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	1.63E-03
57	ALL		671247.1	4341111	NonCancer	6.08E-04	6.93E-04	8.23E-08	4.64E-05	6.49E-08	6.55E-04	1.39E-03	6.08E-04	3.85E-09	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	1.39E-03
58	ALL		671468.4	4341111	NonCancer	4.81E-04	5.56E-04	7.41E-08	4.06E-05	5.47E-08	5.22E-04	1.15E-03	4.81E-04	3.18E-09	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	1.15E-03
59	ALL		671689.8	4341111	NonCancer	4.76E-04	5.57E-04	8.26E-08	4.42E-05	5.74E-08	5.20E-04	1.33E-03	4.76E-04	3.84E-09	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	1.33E-03
60	ALL		671911.1	4341111	NonCancer	4.18E-04	4.95E-04	7.89E-08	4.16E-05	5.30E-08	4.60E-04	1.12E-03	4.18E-04	3.01E-09	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	1.12E-03
61	ALL		672132.4	4341111	NonCancer	2.81E-04	3.41E-04	6.33E-08	3.24E-05	3.98E-08	3.13E-04	7.10E-04	2.81E-04	1.20E-09	0.00E+00	0.00E+00	9.74E-06	0.00E+00	0.00E+00	7.10E-04
62	ALL		672353.7	4341111	NonCancer	2.54E-04	3.13E-04	6.22E-08	3.14E-05	3.79E-08	2.85E-04	6.32E-04	2.54E-04	9.77E-10	0.00E+00	0.00E+00	9.48E-06	0.00E+00	0.00E+00	6.32E-04
63	ALL		672575	4341111	NonCancer	2.86E-04	3.53E-04	7.07E-08	3.57E-05	4.28E-08	3.21E-04	7.34E-04	2.86E-04	1.64E-09	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	7.34E-04
64	ALL		668148.8	4341276	NonCancer	7.68E-04	9.92E-04	2.41E-07	1.18E-04	1.35E-07	8.87E-04	1.82E-03	7.68E-04	2.46E-09	0.00E+00	0.00E+00	3.58E-05	0.00E+00	0.00E+00	1.82E-03
65	ALL		668370.1	4341276	NonCancer	7.76E-04	9.76E-04	2.12E-07	1.05E-04	1.24E-07	8.83E-04	1.72E-03	7.76E-04	2.77E-09	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	1.72E-03
66	ALL		668591.4	4341276	NonCancer	7.95E-04	9.60E-04	1.72E-07	8.86E-05	1.09E-07	8.84E-04	1.60E-03	7.95E-04	3.19E-09	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	1.60E-03
67	ALL		668812.7	4341276	NonCancer	9.30E-04	1.11E-03	1.80E-07	9.44E-05	1.20E-07	1.02E-03	1.81E-03	9.30E-04	3.71E-09	0.00E+00	0.00E+00	2.78E-05	0.00E+00	0.00E+00	1.81E-03
68	ALL		669034	4341276	NonCancer	1.15E-03	1.33E-03	1.87E-07	1.01E-04	1.34E-07	1.25E-03	2.11E-03	1.15E-03	4.37E-09	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	2.11E-03
69	ALL		669255.3	4341276	NonCancer	1.32E-03	1.53E-03	2.09E-07	1.14E-04	1.52E-07	1.44E-03	2.44E-03	1.32E-03	5.17E-09	0.00E+00	0.00E+00	3.30E-05	0.00E+00	0.00E+00	2.44E-03
70	ALL		669476.7	4341276	NonCancer	1.50E-03	1.72E-03	2.17E-07	1.21E-04	1.64E-07	1.62E-03	2.72E-03	1.50E-03	6.19E-09	0.00E+00	0.00E+00	3.46E-05	0.00E+00	0.00E+00	2.72E-03
71	ALL		669698	4341276	NonCancer	1.82E-03	2.04E-03	2.16E-07	1.26E-04	1.81E-07	1.94E-03	3.15E-03	1.82E-03	7.60E-09	0.00E+00	0.00E+00	3.54E-05	0.00E+00	0.00E+00	3.15E-03
72	ALL		669919.3	4341276	NonCancer	2.30E-03	2.55E-03	2.26E-07	1.39E-04	2.10E-07	2.44E-03	4.07E-03	2.30E-03	1.67E-08	0.00E+00	0.00E+00	3.98E-05	0.00E+00	0.00E+00	4.07E-03
73	ALL		670140.6	4341276	NonCancer	2.81E-03	3.09E-03	2.43E-07	1.55E-04	2.46E-07	2.97E-03	4.82E-03	2.81E-03	1.79E-08	0.00E+00	0.00E+00	4.39E-05	0.00E+00	0.00E+00	4.82E-03
74	ALL		670361.9	4341276	NonCancer	2.77E-03	3.02E-03	2.16E-07	1.43E-04	2.33E-07	2.92E-03	4.88E-03	2.77E-03	2.04E-08	0.00E+00	0.00E+00	4.04E-05	0.00E+00	0.00E+00	4.88E-03
75	ALL		670583.2	4341276	NonCancer	1.94E-03	2.12E-03	1.54E-07	1.01E-04	1.64E-07	2.04E-03	3.67E-03	1.94E-03	1.89E-08	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	3.67E-03
76	ALL		670804.5	4341276	NonCancer	1.21E-03	1.34E-03	1.20E-07	7.36E-05	1.11E-07	1.28E-03	2.75E-03	1.21E-03	1.31E-08	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	2.75E-03
77	ALL		671025.8	4341276	NonCancer	8.70E-04	9.79E-04	1.03E-07	6.00E-05	8.72E-08	9.31E-04	2.18E-03	8.70E-04	5.56E-09	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	2.18E-03
78	ALL		671247.1	4341276	NonCancer	7.99E-04	9.04E-04	1.01E-07	5.81E-05	8.26E-08	8.57E-04	2.07E-03	7.99E-04	6.14E-09	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	2.07E-03
79	ALL		671468.4	4341276	NonCancer	6.98E-04	8.02E-04	1.03E-07	5.69E-05	7.67E-08	7.55E-04	2.17E-03	6.98E-04	7.48E-09	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	2.17E-03
80	ALL		671689.8	4341276	NonCancer	6.04E-04	7.09E-04	1.06E-07	5.67E-05	7.30E-08	6.61E-04	1.91E-03	6.04E-04	6.57E-09	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	1.91E-03
81	ALL		671911.1	4341276	NonCancer	5.05E-04	6.00E-04	9.70E-08	5.10E-05	6.45E-08	5.56E-04	1.50E-03	5.05E-04	4.25E-09	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	1.50E-03
82	ALL		672132.4	4341276	NonCancer	3.28E-04	3.97E-04	7.26E-08	3.72E-05	4.59E-08	3.65E-04	8.36E-04	3.28E-04	1.43E-09	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	8.36E-04
83	ALL		672353.7	4341276	NonCancer	2.67E-04	3.28E-04	6.39E-08	3.24E-05	3.93E-08	2.99E-04	6.82E-04	2.67E-04	1.04E-09	0.00E+00	0.00E+00	9.76E-06	0.00E+00	0.00E+00	6.82E-04
84	ALL		672575	4341276	NonCancer	3.22E-04	3.94E-04	7.50E-08	3.82E-05	4.64E-08	3.61E-04	8.36E-04	3.22E-04	2.00E-09	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	8.36E-04
85	ALL		668148.8	4341441	NonCancer	8.54E-04	1.14E-03	3.13E-07	1.51E-04	1.67E-07	1.01E-03	2.18E-03	8.54E-04	2.48E-09	0.00E+00	0.00E+00	4.61E-05	0.00E+00	0.00E+00	2.18E-03
86	ALL		668370.1	4341441	NonCancer	7.71E-04	9.87E-04	2.32E-07	1.14E-04	1.31E-07	8.86E-04	1.78E-03	7.71E-04	2.80E-09	0.00E+00	0.00E+00	3.47E-05	0.00E+00	0.00E+00	1.78E-03
87	ALL		668591.4	4341441	NonCancer	7.59E-04	9.35E-04	1.85E-07	9.35E-05	1.12E-07	8.53E-04	1.59E-03	7.59E-04	3.20E-09	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	1.59E-03
88	ALL		668812.7	4341441	NonCancer	8.86E-04	1.07E-03	1.89E-07	9.77E-05	1.21E-07	9.84E-04	1.78E-03	8.86E-04	3.74E-09	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	1.78E-03
89	ALL		669034	4341441	NonCancer	1.07E-03	1.28E-03	2.09E-07	1.10E-04	1.39E-07	1.19E-03	2.09E-03	1.07E-03	4.39E-09	0.00E+00	0.00E+00	3.24E-05	0.00E+00	0.00E+00	2.09E-03
90	ALL		669255.3	4341441	NonCancer	1.19E-03	1.41E-03	2.35E-07	1.23E-04	1.55E-07	1.31E-03	2.36E-03	1.19E-03	5.19E-09	0.00E+00	0.00E+00	3.63E-05	0.00E+00	0.00E+00	2.36E-03
91	ALL		669476.7	4341441	NonCancer	1.40E-03	1.63E-03	2.38E-07	1.28E-04	1.67E-07	1.53E-03	2.66E-03	1.40E-03	6.31E-09	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	2.66E-03
92	ALL		669698	4341441	NonCancer	1.75E-03	1.99E-03	2.35E-07	1.33E-04	1.85E-07	1.89E-03	3.13E-03	1.75E-03	7.87E-09	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	3.13E-03
93	ALL		669919.3	4341441	NonCancer	2.23E-03	2.50E-03	2.52E-07	1.49E-04	2.18E-07	2.38E-03	3.93E-03	2.23E-03	1.30E-08	0.00E+00	0.00E+00	4.27E-05	0.00E+00	0.00E+00	3.93E-03
94	ALL		670140.6	4341441	NonCancer	2.98E-03	3.28E-03	2.70E-07	1.70E-04	2.67E-07	3.15E-03	4.91E-03	2.98E-03	1.35E-08	0.00E+00	0.00E+00	4.74E-05	0.00E+00	0.00E+00	4.91E-03
95	ALL		670361.9	4341441	NonCancer	3.60E-03	3.92E-03	2.67E-07	1.80E-04	3.01E-07	3.78E-03	5.84E-03	3.60E-03	1.84E-08	0.00E+00	0.00E+00	4.97E-05	0.00E+00	0.00E+00	5.84E-03
96	ALL		670583.2	4341441	NonCancer	3.07E-03	3.32E-03	2.11E-07	1.46E-04	2.48E-07	3.21E-03	5.18E-03	3.07E-03	2.21E-08	0.00E+00	0.00E+00	4.12E-05	0.00E+00	0.00E+00	5.18E-03
97	ALL		670804.5	4341441	NonCancer	2.02E-03	2.21E-03	1.66E-07	1.08E-04	1.72E-07	2.13E-03	4.22E-03	2.02E-03	2.80E-08	0.00E+00	0.00E+00	3.34E-05	0.00E+00	0.00E+00	4.22E-03
98	ALL		671025.8	4341441	NonCancer	1.28E-03	1.42E-03	1.33E-07	8.02E-05	1.21E-07	1.36E-03	3.27E-03	1.27E-03	1.20E-08	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	3.27E-03

99	ALL	671689.8	4341441	NonCancer	9.11E-04	1.06E-03	1.47E-07	7.99E-05	1.04E-07	9.91E-04	4.61E-03	9.11E-04	2.74E-08	0.00E+00	0.00E+00	2.83E-05	0.00E+00	0.00E+00	4.61E-03
100	ALL	671911.1	4341441	NonCancer	5.77E-04	6.85E-04	1.11E-07	5.81E-05	7.36E-08	6.35E-04	1.81E-03	5.77E-04	4.61E-09	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	1.81E-03
101	ALL	672132.4	4341441	NonCancer	3.95E-04	4.73E-04	8.01E-08	4.17E-05	5.26E-08	4.37E-04	1.04E-03	3.95E-04	1.95E-09	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	1.04E-03
102	ALL	672353.7	4341441	NonCancer	3.70E-04	4.43E-04	7.51E-08	3.91E-05	4.93E-08	4.10E-04	9.41E-04	3.70E-04	1.76E-09	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	9.41E-04
103	ALL	672575	4341441	NonCancer	4.18E-04	5.07E-04	9.32E-08	4.78E-05	5.84E-08	4.66E-04	1.29E-03	4.18E-04	4.61E-09	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	1.29E-03
104	ALL	668148.8	4341606	NonCancer	8.59E-04	1.16E-03	3.24E-07	1.55E-04	1.72E-07	1.02E-03	2.21E-03	8.59E-04	2.53E-09	0.00E+00	0.00E+00	4.76E-05	0.00E+00	0.00E+00	2.21E-03
105	ALL	668370.1	4341606	NonCancer	7.41E-04	9.51E-04	2.26E-07	1.11E-04	1.27E-07	8.52E-04	1.70E-03	7.41E-04	2.84E-09	0.00E+00	0.00E+00	3.37E-05	0.00E+00	0.00E+00	1.70E-03
106	ALL	668591.4	4341606	NonCancer	7.46E-04	9.31E-04	1.96E-07	9.80E-05	1.16E-07	8.45E-04	1.60E-03	7.46E-04	3.24E-09	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	1.60E-03
107	ALL	668812.7	4341606	NonCancer	8.51E-04	1.06E-03	2.15E-07	1.08E-04	1.29E-07	9.60E-04	1.82E-03	8.51E-04	3.75E-09	0.00E+00	0.00E+00	3.26E-05	0.00E+00	0.00E+00	1.82E-03
108	ALL	669034	4341606	NonCancer	9.72E-04	1.20E-03	2.42E-07	1.22E-04	1.46E-07	1.09E-03	2.08E-03	9.72E-04	4.39E-09	0.00E+00	0.00E+00	3.67E-05	0.00E+00	0.00E+00	2.08E-03
109	ALL	669255.3	4341606	NonCancer	1.12E-03	1.37E-03	2.66E-07	1.35E-04	1.63E-07	1.25E-03	2.37E-03	1.12E-03	5.22E-09	0.00E+00	0.00E+00	4.04E-05	0.00E+00	0.00E+00	2.37E-03
110	ALL	669476.7	4341606	NonCancer	1.30E-03	1.55E-03	2.67E-07	1.39E-04	1.72E-07	1.44E-03	2.61E-03	1.30E-03	6.37E-09	0.00E+00	0.00E+00	4.11E-05	0.00E+00	0.00E+00	2.61E-03
111	ALL	669698	4341606	NonCancer	1.52E-03	1.78E-03	2.55E-07	1.38E-04	1.80E-07	1.66E-03	2.90E-03	1.52E-03	7.95E-09	0.00E+00	0.00E+00	4.01E-05	0.00E+00	0.00E+00	2.90E-03
112	ALL	669919.3	4341606	NonCancer	1.90E-03	2.17E-03	2.67E-07	1.49E-04	2.06E-07	2.05E-03	3.39E-03	1.90E-03	9.41E-09	0.00E+00	0.00E+00	4.35E-05	0.00E+00	0.00E+00	3.39E-03
113	ALL	670140.6	4341606	NonCancer	2.71E-03	3.02E-03	2.88E-07	1.73E-04	2.59E-07	2.88E-03	4.49E-03	2.71E-03	1.08E-08	0.00E+00	0.00E+00	4.88E-05	0.00E+00	0.00E+00	4.49E-03
114	ALL	670361.9	4341606	NonCancer	3.72E-03	4.06E-03	2.99E-07	1.96E-04	3.21E-07	3.91E-03	5.83E-03	3.72E-03	1.26E-08	0.00E+00	0.00E+00	5.37E-05	0.00E+00	0.00E+00	5.83E-03
115	ALL	670583.2	4341606	NonCancer	4.73E-03	5.11E-03	3.13E-07	2.20E-04	3.81E-07	4.95E-03	7.40E-03	4.73E-03	2.05E-08	0.00E+00	0.00E+00	5.96E-05	0.00E+00	0.00E+00	7.40E-03
116	ALL	670804.5	4341606	NonCancer	4.19E-03	4.52E-03	2.81E-07	1.96E-04	3.30E-07	4.39E-03	7.67E-03	4.19E-03	4.90E-08	0.00E+00	0.00E+00	5.77E-05	0.00E+00	0.00E+00	7.67E-03
117	ALL	671025.8	4341606	NonCancer	2.19E-03	2.41E-03	1.97E-07	1.24E-04	1.92E-07	2.31E-03	5.38E-03	2.19E-03	4.60E-08	0.00E+00	0.00E+00	4.20E-05	0.00E+00	0.00E+00	5.38E-03
118	ALL	671689.8	4341606	NonCancer	1.26E-03	1.44E-03	1.81E-07	1.01E-04	1.35E-07	1.36E-03	8.60E-03	1.26E-03	4.00E-08	0.00E+00	0.00E+00	3.64E-05	0.00E+00	0.00E+00	8.60E-03
119	ALL	671911.1	4341606	NonCancer	7.43E-04	8.74E-04	1.32E-07	7.04E-05	9.07E-08	8.14E-04	2.60E-03	7.43E-04	7.53E-09	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	2.60E-03
120	ALL	672132.4	4341606	NonCancer	5.49E-04	6.46E-04	9.77E-08	5.21E-05	6.76E-08	6.02E-04	1.54E-03	5.49E-04	3.42E-09	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	1.54E-03
121	ALL	672353.7	4341606	NonCancer	4.48E-04	5.33E-04	8.77E-08	4.59E-05	5.83E-08	4.94E-04	1.18E-03	4.48E-04	2.32E-09	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	1.18E-03
122	ALL	672575	4341606	NonCancer	4.92E-04	5.93E-04	1.05E-07	5.40E-05	6.67E-08	5.47E-04	1.46E-03	4.92E-04	7.99E-09	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	1.46E-03
123	ALL	668148.8	4341771	NonCancer	1.24E-03	1.75E-03	5.70E-07	2.69E-04	2.88E-07	1.51E-03	3.60E-03	1.24E-03	2.58E-09	0.00E+00	0.00E+00	8.29E-05	0.00E+00	0.00E+00	3.60E-03
124	ALL	668370.1	4341771	NonCancer	8.14E-04	1.08E-03	2.84E-07	1.37E-04	1.54E-07	9.52E-04	1.99E-03	8.14E-04	2.88E-09	0.00E+00	0.00E+00	4.20E-05	0.00E+00	0.00E+00	1.99E-03
125	ALL	668591.4	4341771	NonCancer	8.08E-04	1.05E-03	2.64E-07	1.29E-04	1.46E-07	9.38E-04	1.92E-03	8.08E-04	3.25E-09	0.00E+00	0.00E+00	3.93E-05	0.00E+00	0.00E+00	1.92E-03
126	ALL	668812.7	4341771	NonCancer	8.61E-04	1.11E-03	2.62E-07	1.29E-04	1.48E-07	9.91E-04	1.98E-03	8.61E-04	3.76E-09	0.00E+00	0.00E+00	3.92E-05	0.00E+00	0.00E+00	1.98E-03
127	ALL	669034	4341771	NonCancer	9.74E-04	1.24E-03	2.84E-07	1.40E-04	1.62E-07	1.12E-03	2.22E-03	9.74E-04	4.43E-09	0.00E+00	0.00E+00	4.26E-05	0.00E+00	0.00E+00	2.22E-03
128	ALL	669255.3	4341771	NonCancer	1.14E-03	1.43E-03	3.07E-07	1.53E-04	1.80E-07	1.30E-03	2.51E-03	1.14E-03	5.31E-09	0.00E+00	0.00E+00	4.63E-05	0.00E+00	0.00E+00	2.51E-03
129	ALL	669476.7	4341771	NonCancer	1.20E-03	1.48E-03	3.00E-07	1.51E-04	1.80E-07	1.35E-03	2.60E-03	1.20E-03	7.43E-09	0.00E+00	0.00E+00	4.58E-05	0.00E+00	0.00E+00	2.60E-03
130	ALL	669698	4341771	NonCancer	1.27E-03	1.54E-03	2.79E-07	1.43E-04	1.76E-07	1.41E-03	2.60E-03	1.27E-03	8.23E-09	0.00E+00	0.00E+00	4.33E-05	0.00E+00	0.00E+00	2.60E-03
131	ALL	669919.3	4341771	NonCancer	1.53E-03	1.81E-03	2.76E-07	1.47E-04	1.90E-07	1.68E-03	2.84E-03	1.53E-03	7.58E-09	0.00E+00	0.00E+00	4.36E-05	0.00E+00	0.00E+00	2.84E-03
132	ALL	670140.6	4341771	NonCancer	2.00E-03	2.29E-03	2.82E-07	1.58E-04	2.19E-07	2.16E-03	3.42E-03	2.00E-03	7.74E-09	0.00E+00	0.00E+00	4.58E-05	0.00E+00	0.00E+00	3.42E-03
133	ALL	670361.9	4341771	NonCancer	2.69E-03	3.00E-03	2.87E-07	1.72E-04	2.60E-07	2.87E-03	4.32E-03	2.69E-03	7.93E-09	0.00E+00	0.00E+00	4.86E-05	0.00E+00	0.00E+00	4.32E-03
134	ALL	670583.2	4341771	NonCancer	5.46E-03	5.95E-03	4.22E-07	2.80E-04	4.66E-07	5.74E-03	8.48E-03	5.46E-03	1.60E-08	0.00E+00	0.00E+00	7.62E-05	0.00E+00	0.00E+00	8.48E-03
135	ALL	670804.5	4341771	NonCancer	6.73E-03	7.30E-03	4.90E-07	3.33E-04	5.41E-07	7.07E-03	1.21E-02	6.73E-03	6.35E-08	0.00E+00	0.00E+00	9.30E-05	0.00E+00	0.00E+00	1.21E-02
136	ALL	671025.8	4341771	NonCancer	6.12E-03	6.59E-03	4.05E-07	2.86E-04	4.51E-07	6.41E-03	1.34E-02	6.12E-03	2.14E-07	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	1.34E-02
137	ALL	671689.8	4341771	NonCancer	1.31E-03	1.50E-03	1.82E-07	1.02E-04	1.40E-07	1.42E-03	7.02E-03	1.31E-03	1.72E-08	0.00E+00	0.00E+00	3.16E-05	0.00E+00	0.00E+00	7.02E-03
138	ALL	671911.1	4341771	NonCancer	9.65E-04	1.12E-03	1.54E-07	8.39E-05	1.11E-07	1.05E-03	3.26E-03	9.65E-04	9.44E-09	0.00E+00	0.00E+00	2.55E-05	0.00E+00	0.00E+00	3.26E-03
139	ALL	672132.4	4341771	NonCancer	6.15E-04	7.19E-04	1.05E-07	5.65E-05	7.41E-08	6.72E-04	1.67E-03	6.15E-04	3.54E-09	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	1.67E-03
140	ALL	672353.7	4341771	NonCancer	4.65E-04	5.54E-04	9.18E-08	4.80E-05	6.09E-08	5.13E-04	1.19E-03	4.65E-04	2.21E-09	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	1.19E-03
141	ALL	672575	4341771	NonCancer	5.46E-04	6.56E-04	1.14E-07	5.92E-05	7.34E-08	6.06E-04	1.58E-03	5.46E-04	8.45E-09	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	1.58E-03
142	ALL	668148.8	4341936	NonCancer	1.81E-03	2.65E-03	9.30E-07	4.35E-04	4.58E-07	2.25E-03	5.66E-03	1.81E-03	2.55E-09	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	5.66E-03
143	ALL	668370.1	4341936	NonCancer	1.32E-03	1.88E-03	6.15E-07	2.90E-04	3.10E-07	1.61E-03	3.86E-03	1.32E-03	2.93E-09	0.00E+00	0.00E+00	8.94E-05	0.00E+00	0.00E+00	3.86E-03
144	ALL	668591.4	4341936	NonCancer	9.18E-04	1.24E-03	3.46E-07	1.66E-04	1.83E-07	1.09E-03	2.34E-03	9.18E-04	3.31E-09	0.00E+00	0.00E+00	5.10E-05	0.00E+00	0.00E+00	2.34E-03
145	ALL	668812.7	4341936	NonCancer	8.97E-04	1.17E-03	2.99E-07	1.45E-04	1.64E-07	1.04E-03	2.14E-03	8.97E-04	3.85E-09	0.00E+00	0.00E+00	4.44E-05	0.00E+00	0.00E+00	2.14E-03
146	ALL	669034	4341936	NonCancer	1.03E-03	1.34E-03	3.31E-07	1.62E-04	1.83E-07	1.19E-03	2.43E-03	1.03E-03	4.53E-09	0.00E+00	0.00E+00	4.93E-05	0.00E+00	0.00E+00	2.43E-03
147	ALL	669255.3	4341936	NonCancer	1.12E-03	1.46E-03	3.62E-07	1.77E-04	2.00E-07	1.30E-03	2.65E-03	1.12E-03	6.22E-09	0.00E+00	0.00E+00	5.41E-05	0.00E+00	0.00E+00	2.65E-03
148	ALL	669476.7	4341936	NonCancer	1.14E-03	1.46E-03	3.47E-07	1.70E-04	1.95E-07	1.31E-03	2.62E-03	1.14E-03	6.55E-09	0.00E+00	0.00E+00	5.21E-05	0.00E+00	0.00E+00	2.62E-03
149	ALL	669698	4341936	NonCancer	1.23E-03	1.53E-03	3.15E-07	1.58E-04	1.88E-07	1.39E-03	2.54E-03	1.23E-03	5.16E-09	0.00E+00	0.00E+00	4.78E-05	0.00E+00	0.00E+00	2.54E-03
150	ALL	669919.3	4341936	NonCancer	1.29E-03	1.56E-03	2.77E-07	1.43E-04	1.78E-07	1.43E-03	2.45E-03	1.29E-03	4.44E-09	0.00E+00	0.00E+00	4.27E-05	0.00E+00	0.00E+00	2.45E-03
151	ALL	670140.6	4341936	NonCancer	1.50E-03	1.76E-03	2.69E-07	1.43E-04	1.86E-07	1.64E-03	2.68E-03	1.50E-03	5.39E-09	0.00E+00	0.00E+00	4.24E-05	0.00E+00	0.00E+00	2.68E-03
152	ALL	670361.9	4341936	NonCancer	2.02E-03	2.32E-03	3.03E-07	1.67E-04	2.28E-07	2.18E-03	3.45E-03	2.02E-03	7.44E-09	0.00E+00	0.00E+00	4.89E-05	0.00E+00	0.00E+00	3.45E-03
153	ALL	670583.2	4341936	NonCancer	3.25E-03	3.69E-03	4.21E-07	2.40E-04	3.37E-07	3.49E-03	5.82E-03	3.25E-03	2.14E-08	0.00E+00	0.00E+00	7.01E-05	0.00E+00	0.00E+00	5.82E-03
154	ALL	670804.5	4341936	NonCancer	6.13E-03	6.79E-03	6.06E-07	3.72E-04	5.55E-07	6.50E-03	1.13E-02	6.13E-03	6.36E-08	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	1.13E-02
155	ALL	671468.4	4341936	NonCancer	3.40E-03	3.72E-03	2.87E-07	1.85E-04	2.87E-07	3.58E-03	2.38E-02	3.40E-03	7.46E-08	0.00E+00	0.00E+00	6.22E-05	0.00E+00	0.00E+00	2.38E-02
156	ALL	671689.8	4341936	NonCancer	1.78E-03	1.99E-03	2.01E-07	1.19E-04	1.72E-07	1.90E-03	6.41E-03	1.78E-03	1.90E-08	0.00E+00	0.00E+00	3.57E-05	0.00E+00	0.00E+00	6.41E-03
157	ALL	671911.1	4341936	NonCancer	1.15E-03	1.32E-03	1.65E-07	9.20E-05	1.26E-07	1.25E-03	3.32E-03	1.15E-03	9.38E-09	0.00E+00	0.00E+00	2.75E-05	0.00E+00	0.00E+00	3.32E-03
158	ALL	672132.4	4341936	NonCancer	7.31E-04	8.50E-04	1.19E-07	6.45E-05	8.58E-08	7.96E-04	1.85E-03	7.31E-04	3.94E-09	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	1.85E-03
159	ALL	672353.7	4341936	NonCancer	5.18E-04	6.15E-04	9.98E-08	5.24E-05	6.68E-08	5.70E-04	1.28E-03	5.18E-04	2.28E-09	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	1.28E-03
160	ALL	672575	4341936	NonCancer	5.21E-04	6.29E-04	1.13E-07	5.82E-05	7.18E-08	5.79E-04	1.32E-03	5.21E-04	3.20E-09	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	1.32E-03
161	ALL	668148.8	4342101	NonCancer	2.38E-03	3.52E-03	1.27E-06	5.93E-04	6.21E-07	2.97E-03	7.63E-03	2.38E-03	2.76E-09	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	7.63E-03
162	ALL	668370.1	4342101	NonCancer	1.53E-03	2.20E-03	7.42E-07	3.48E-04	3.70E-07	1.88E-03	4.55E-03	1.53E-03	3.02E-09	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	4.55E-03
163	ALL	668591.4	4342101	NonCancer	1.07E-03	1.47E-03	4.34E-07	2.07E-04	2.25E-07	1.28E-03	2.82E-03	1.07E-03	3.42E-09	0.00E+00	0.00E+00	6.36E-05	0.00E+00	0.00E+00	2.82E-03
164	ALL	668812.7	4342101	NonCancer	1.01E-03	1.36E-03	3.75E-07	1.80E-04	1.99E-07	1.20E-03	2.54E-03	1.01E-03	3.95E-09	0.00E+00	0.00E+00	5.52E-05	0.00E+00	0.00E+00	2.54E-03
165	ALL	669034	4342101	NonCancer	1.16E-03	1.54E-03	4.17E-07	2.01E-04	2.23E-07	1.36E-03	2.85E-03	1.16E-03	4.65E-09	0.00E+00	0.00E+00	6.15E-05	0.00E+00	0.00E+00	2.85E-03
166	ALL	669255.3	4342101	NonCancer	1.28E-03	1.70E-03	4.57E-07	2.21E-04	2.45E-07	1.51E-03	3.15E-03	1.28E-03	5.56E-09	0.00E+00	0.00E+00	6.75E-05	0.00E+00	0.00E+00	3.15E-03
167	ALL	669476.7	4342101	NonCancer	1.23E-03	1.61E-03	4.19E-07	2.03E-04	2.27E-07	1.43E-03	2.97E-03	1.23E-03	7.77E-09	0.00E+00	0.00E+00	6.26E-05	0.00E+00	0.00E+00	2.97E-03
168	ALL	669698	4342101	NonCancer	1.22E-03	1.55E-03	3.57E-07	1.76E-04	2.03E-07	1.40E-03	2.73E-03	1.22E-03	8.22E-09	0.00E+00	0.00E+00	5.41E-05	0.00E+00	0.00E+00	2.73E-03
169	ALL	669919.3	4342101	NonCancer	1.32E-03	1.62E-03	3.25E-07	1.64E-04	1.96E-07	1.48E-03	2.71E-03	1.32E-03	9.17E-09	0.00E+00	0.00E+00	5.01E-05	0.00E+00	0.00E+00	2.71E-03
170	ALL	670140.6	4342101	NonCancer	1.52E-03	1.83E-03	3.20E-07	1.66E-04	2.06E-07	1.69E-03	2.88E-03	1.52E-03	8.52E-09	0.00E+00	0.00E+00	4.99E-05	0.00E+00	0.00E+00	2.88E-03
171	ALL	670361.9	4342101	NonCancer	1.83E-03	2.17E-03	3.55E-07	1.86E-04	2.31E-07	2.02E-03	3.81E-03	1.83E-03	2.67E-08	0.00E+00	0.00E+00	5.81E-05	0.00E+00	0.00E+00	3.81E-03
172	ALL	670583.2	4342101	NonCancer	2.73E-03	3.19E-03	4.64E-07	2.50E-04	3.19E-07	2.99E-03	5.50E-03	2.73E-03	3.31E-08	0.00E+00	0.00E+00	7.55E-05	0.00E+00	0.00E+00	5.50E-03
173	ALL	671468.4	4342101	NonCancer	4.05E-03	4.42E-03	3.29E-07	2.15E-04	3.41E-07	4.26E-03	1.24E-02	4.05E-03	3.58E-08	0.00E+00	0.00E+00	6.11E-05	0.00E+00	0.00E+00	1.24E-02
174	ALL	671689.8	4342101	NonCancer	1.99E-03	2.22E-03	2.20E-07	1.31E-04	1.92E-07	2.12E-03	5.47E-03	1.99E-03	1.39E-08	0.00E+00	0.00E+00	3.78E-05	0.00E+00	0.00E+00	5.47E-03
175	ALL	671911.1	4342101	NonCancer	1.26E-03	1.44E-03	1.79E-07	9.97E-05	1.37E-07	1.36E-03	3.23E-03	1.26E-03	8.54E-09	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	3.23E-03
176	ALL	672132.4	4342101	NonCancer	8.29E-04	9.65E-04	1.37E-07	7.39E-05	9.80E-08	9.03E-04	2.00E-03	8.29E-04	4.32E-09	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	2.00E-03
177	ALL	672353.7	4342101	NonCancer	5.88E-04	6.97E-04	1.12E-07	5.88E-05	7.53E-08	6.47E-04	1.39E-03	5.87E-04	2.40E-09	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	1.39E-03
178	ALL	672575	4342101	NonCancer	5.39E-04	6.52E-04	1.18E-07	6.06E-05	7.48E-08	6.00E-04	1.32E-03	5.38E-04	2.98E-09	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	1.32E-03
179	ALL	668148.8	4342266	NonCancer	3.12E-03	4.66E-03	1.72E-06	7.98E-04	8.33E-07	3.92E-03	1.02E-02	3.12E-03	2.94E-09	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	1.02E-02
180	ALL	668370.1	4342266	NonCancer	2.15E-03	3.14E-03	1.11E-06	5.17E-04	5.44E-07	2.67E-03	6.64E-03	2.15E-03	3.13E-09	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	6.64E-03
181	ALL	668591.4	4342266	NonCancer	2.00E-03	2.91E-03	1.00E-06	4.71E-04	4.97E-07	2.48E-03	6.10E-03	2.00E-03	3.51E-09	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	6.10E-03
182	ALL	668812.7	4342266	NonCancer	1.49E-03	2.10E-03	6.70E-07	3.17E-04	3.39E-07	1.81E-03	4.19E-03	1.49E-03	4.00E-09	0.00E+00	0.00E+00	9.76E-05	0.00E+00	0.00E+00	4.19E-03
183	ALL	669034	4342266	NonCancer	1.46E-03	2.04E-03	6.32E-07	3.00E-04	3.23E-07	1.77E-03	4.01E-03	1.46E-03	4.67E-09	0.00E+00	0.00E+00	9.22E-05	0.00E+00	0.00E+00	4.01E-03
184	ALL	669255.3	4342266	NonCancer	1.51E-03	2.08E-03	6.20E-07	2.95E-04	3.21E-07	1.81E-03	4.04E-03	1.51E-03	5.64E-09	0.00E+00	0.00E+00	9.07E-05	0.00E+00	0.00E+00	4.04E-03
185	ALL	669476.7	4342266	NonCancer	1.48E-03	1.99E-03	5.47E-07	2.63E-04	2.90E-07	1.75E-03	3.74E-03	1.48E-03	6.91E-09	0.00E+00	0.00E+00	8.07E-05	0.00E+00	0.00E+00	3.74E-03
186	ALL	669698	4342266	NonCancer	1.48E-03	1.90E-03	4.51E-07	2.22E-04	2.52E-07	1.71E-03	3.36E-03	1.48E-03	8.71E-09	0.00E+00	0.00E+00	6.73E-05	0.00E+00	0.00E+00	3.36E-03
187	ALL	669919.3	4342266	NonCancer	1.56E-03	1.94E-03	4.03E-07	2.02E-04	2.36E-07	1.77E-03	3.33E-03	1.56E-03	1.12E-08	0.00E+00	0.00E+00	6.08E-05	0.00E+00	0.00E+00	3.33E-03
188	ALL	670140.6	4342266	NonCancer	1.76E-03	2.14E-03	4.04E-07	2.07E-04	2.46E-07	1.97E-03	3.64E-03	1.76E-03	2.16E-08	0.00E+00	0.00E+00	6.35E-05	0.00E+00	0.00E+00	3.64E-03
189	ALL	670361.9	4342266	NonCancer	2.18E-03	2.63E-03	4.68E-07	2.42E-04	2.91E-07	2.42E-03	4.41E-03	2.18E-03	2.08E-08	0.00E+00	0.00E+00	7.24E-05	0.00E+00	0.00E+00	4.41E-03
190	ALL	670583.2	4342266	NonCancer	2.94E-03	3.49E-03	5.60E-07	2.95E-04	3.65E-07	3.24E-03	5.83E-03	2.94E-03	3.02E-08	0.00E+00	0.00E+00	8.78E-05	0.00E+00	0.00E+00	5.83E-03
191	ALL	670804.5	4342266	NonCancer	5.11E-03	5.94E-03	8.42E-07	4.56E-04	5.84E-07	5.57E-03	9.71E-03	5.11E-03	4.82E-08	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	9.71E-03
192	ALL	671025.8	4342266	NonCancer	1.40E-02	1.62E-02	2.23E-06	1.22E-03	1.61E-06	1.52E-02	2.35E-02	1.40E-02	8.02E-08	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	2.35E-02
193	ALL	671247.1	4342266	NonCancer	1.22E-02	1.40E-02	1.78E-06	9.88E-04	1.32E-06	1.32E-02	2.55E-02	1.22E-02	8.51E-08	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	2.55E-02
194	ALL	671468.4	4342266	NonCancer	3.51E-03	3.91E-03	3.73E-07	2.24E-04	3.31E-07	3.73E-03	8.96E-03	3.51E-03	2.84E-08	0.00E+00	0.00E+00	6.49E-05	0.00E+00	0.00E+00	8.96E-03
195	ALL	671689.8	4342266	NonCancer	1.88E-03	2.13E-03	2.43E-07	1.39E-04	1.96E-07	2.02E-03	4.72E-03	1.88E-03	1.14E-08	0.00E+00	0.00E+00	4.04E-05	0.00E+00	0.00E+00	4.72E-03
196	ALL	671911.1	4342266	NonCancer	1.22E-03	1.41E-03	1.85E-07	1.02E-04	1.38E-07	1.32E-03	2.91E-03	1.22E-03	6.33E-09	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	2.91E-03
197	ALL	672132.4	4342266	NonCancer	8.85E-04	1.04E-03	1.56E-07	8.33E-05	1.08E-07	9.69E-04	2.09E-03	8.85E-04	4.45E-09	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	2.09E-03

198	ALL	672353.7	4342266	NonCancer	6.55E-04	7.81E-04	1.29E-07	6.76E-05	8.56E-08	7.23E-04	1.55E-03	6.55E-04	3.10E-09	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	1.55E-03
199	ALL	672575	4342266	NonCancer	6.32E-04	7.64E-04	1.37E-07	7.07E-05	8.70E-08	7.03E-04	1.68E-03	6.32E-04	8.10E-09	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	1.68E-03
200	ALL	668148.8	4342431	NonCancer	3.78E-03	5.66E-03	2.10E-06	9.77E-04	1.02E-06	4.76E-03	1.25E-02	3.77E-03	2.74E-09	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	1.25E-02
201	ALL	668370.1	4342431	NonCancer	4.23E-03	6.34E-03	2.36E-06	1.09E-03	1.14E-06	5.33E-03	1.39E-02	4.23E-03	3.43E-09	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	1.39E-02
202	ALL	668591.4	4342431	NonCancer	4.03E-03	6.03E-03	2.22E-06	1.03E-03	1.08E-06	5.07E-03	1.32E-02	4.03E-03	3.59E-09	0.00E+00	0.00E+00	3.20E-04	0.00E+00	0.00E+00	1.32E-02
203	ALL	668812.7	4342431	NonCancer	3.49E-03	5.18E-03	1.87E-06	8.72E-04	9.13E-07	4.37E-03	1.12E-02	3.49E-03	4.10E-09	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	1.12E-02
204	ALL	669034	4342431	NonCancer	2.79E-03	4.07E-03	1.42E-06	6.65E-04	7.01E-07	3.46E-03	8.57E-03	2.79E-03	4.75E-09	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	8.57E-03
205	ALL	669255.3	4342431	NonCancer	2.22E-03	3.17E-03	1.05E-06	4.93E-04	5.25E-07	2.72E-03	6.43E-03	2.22E-03	5.45E-09	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	6.43E-03
206	ALL	669476.7	4342431	NonCancer	1.84E-03	2.54E-03	7.72E-07	3.67E-04	3.97E-07	2.21E-03	4.91E-03	1.84E-03	6.71E-09	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	4.91E-03
207	ALL	669698	4342431	NonCancer	1.65E-03	2.21E-03	6.02E-07	2.90E-04	3.20E-07	1.95E-03	4.03E-03	1.65E-03	8.28E-09	0.00E+00	0.00E+00	8.88E-05	0.00E+00	0.00E+00	4.03E-03
208	ALL	669919.3	4342431	NonCancer	1.71E-03	2.21E-03	5.45E-07	2.66E-04	3.00E-07	1.98E-03	3.88E-03	1.71E-03	1.06E-08	0.00E+00	0.00E+00	8.11E-05	0.00E+00	0.00E+00	3.88E-03
209	ALL	670140.6	4342431	NonCancer	1.93E-03	2.45E-03	5.57E-07	2.76E-04	3.15E-07	2.21E-03	4.18E-03	1.93E-03	1.35E-08	0.00E+00	0.00E+00	8.34E-05	0.00E+00	0.00E+00	4.18E-03
210	ALL	670361.9	4342431	NonCancer	2.37E-03	2.92E-03	5.89E-07	2.98E-04	3.49E-07	2.67E-03	4.83E-03	2.37E-03	1.79E-08	0.00E+00	0.00E+00	8.93E-05	0.00E+00	0.00E+00	4.83E-03
211	ALL	670583.2	4342431	NonCancer	3.40E-03	4.05E-03	6.82E-07	3.56E-04	4.38E-07	3.75E-03	6.47E-03	3.39E-03	3.79E-08	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	6.47E-03
212	ALL	670804.5	4342431	NonCancer	6.13E-03	7.18E-03	1.07E-06	5.74E-04	7.36E-07	6.70E-03	1.05E-02	6.13E-03	4.97E-08	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	1.05E-02
213	ALL	671025.8	4342431	NonCancer	1.50E-02	1.90E-02	4.19E-06	2.08E-03	2.43E-06	1.71E-02	2.23E-02	1.50E-02	5.10E-08	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	2.23E-02
214	ALL	671247.1	4342431	NonCancer	7.00E-03	7.91E-03	8.75E-07	5.04E-04	7.16E-07	7.50E-03	1.29E-02	7.00E-03	3.22E-08	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	1.29E-02
215	ALL	671468.4	4342431	NonCancer	2.89E-03	3.26E-03	3.60E-07	2.07E-04	2.94E-07	3.10E-03	6.54E-03	2.89E-03	1.86E-08	0.00E+00	0.00E+00	6.01E-05	0.00E+00	0.00E+00	6.54E-03
216	ALL	671689.8	4342431	NonCancer	1.61E-03	1.86E-03	2.41E-07	1.33E-04	1.81E-07	1.75E-03	3.81E-03	1.61E-03	8.43E-09	0.00E+00	0.00E+00	3.90E-05	0.00E+00	0.00E+00	3.81E-03
217	ALL	671911.1	4342431	NonCancer	1.08E-03	1.27E-03	1.88E-07	1.01E-04	1.32E-07	1.18E-03	2.53E-03	1.08E-03	4.99E-09	0.00E+00	0.00E+00	2.98E-05	0.00E+00	0.00E+00	2.53E-03
218	ALL	672132.4	4342431	NonCancer	8.30E-04	9.89E-04	1.63E-07	8.55E-05	1.08E-07	9.16E-04	1.95E-03	8.30E-04	3.82E-09	0.00E+00	0.00E+00	2.55E-05	0.00E+00	0.00E+00	1.95E-03
219	ALL	672353.7	4342431	NonCancer	7.35E-04	8.91E-04	1.62E-07	8.34E-05	1.02E-07	8.19E-04	1.96E-03	7.35E-04	4.86E-09	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	1.96E-03
220	ALL	672575	4342431	NonCancer	6.39E-04	7.81E-04	1.49E-07	7.57E-05	9.19E-08	7.15E-04	1.66E-03	6.39E-04	7.53E-09	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	1.66E-03
221	ALL	668148.8	4342596	NonCancer	4.64E-03	6.99E-03	2.61E-06	1.21E-03	1.26E-06	5.87E-03	1.54E-02	4.64E-03	2.88E-09	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	1.54E-02
222	ALL	668370.1	4342596	NonCancer	5.77E-03	8.71E-03	3.27E-06	1.52E-03	1.58E-06	7.30E-03	1.93E-02	5.77E-03	3.26E-09	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	1.93E-02
223	ALL	668591.4	4342596	NonCancer	6.31E-03	9.52E-03	3.58E-06	1.66E-03	1.73E-06	7.98E-03	2.10E-02	6.31E-03	3.73E-09	0.00E+00	0.00E+00	5.15E-04	0.00E+00	0.00E+00	2.10E-02
224	ALL	668812.7	4342596	NonCancer	6.09E-03	9.15E-03	3.41E-06	1.59E-03	1.65E-06	7.68E-03	2.01E-02	6.08E-03	4.30E-09	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	2.01E-02
225	ALL	669034	4342596	NonCancer	4.73E-03	7.03E-03	2.57E-06	1.19E-03	1.25E-06	5.93E-03	1.52E-02	4.73E-03	4.95E-09	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	1.52E-02
226	ALL	669255.3	4342596	NonCancer	3.30E-03	4.81E-03	1.67E-06	7.82E-04	8.24E-07	4.09E-03	9.99E-03	3.30E-03	5.51E-09	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	9.99E-03
227	ALL	669476.7	4342596	NonCancer	2.61E-03	3.72E-03	1.22E-06	5.74E-04	6.12E-07	3.19E-03	7.40E-03	2.61E-03	6.37E-09	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	7.40E-03
228	ALL	669698	4342596	NonCancer	2.13E-03	2.93E-03	8.70E-07	4.15E-04	4.50E-07	2.55E-03	5.48E-03	2.13E-03	7.94E-09	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	5.48E-03
229	ALL	669919.3	4342596	NonCancer	2.13E-03	2.86E-03	7.97E-07	3.83E-04	4.20E-07	2.51E-03	5.14E-03	2.13E-03	9.49E-09	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	5.14E-03
230	ALL	670140.6	4342596	NonCancer	2.32E-03	3.00E-03	7.42E-07	3.62E-04	4.08E-07	2.68E-03	5.10E-03	2.32E-03	1.23E-08	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	5.10E-03
231	ALL	670361.9	4342596	NonCancer	3.00E-03	3.70E-03	7.35E-07	3.72E-04	4.41E-07	3.37E-03	5.82E-03	3.00E-03	1.56E-08	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	5.82E-03
232	ALL	670583.2	4342596	NonCancer	3.93E-03	4.68E-03	7.80E-07	4.07E-04	5.14E-07	4.34E-03	6.97E-03	3.93E-03	1.98E-08	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	6.97E-03
233	ALL	670804.5	4342596	NonCancer	6.22E-03	7.51E-03	1.34E-06	6.90E-04	8.53E-07	6.91E-03	1.02E-02	6.22E-03	2.78E-08	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	1.02E-02
234	ALL	671025.8	4342596	NonCancer	1.00E-02	1.27E-02	2.84E-06	1.41E-03	1.64E-06	1.14E-02	1.50E-02	1.00E-02	2.91E-08	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	1.50E-02
235	ALL	671247.1	4342596	NonCancer	5.26E-03	6.03E-03	7.62E-07	4.24E-04	5.80E-07	5.69E-03	9.52E-03	5.26E-03	2.21E-08	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	9.52E-03
236	ALL	671468.4	4342596	NonCancer	2.38E-03	2.72E-03	3.32E-07	1.86E-04	2.57E-07	2.56E-03	5.05E-03	2.38E-03	1.21E-08	0.00E+00	0.00E+00	5.41E-05	0.00E+00	0.00E+00	5.05E-03
237	ALL	671689.8	4342596	NonCancer	1.31E-03	1.53E-03	2.25E-07	1.21E-04	1.58E-07	1.43E-03	3.02E-03	1.31E-03	6.06E-09	0.00E+00	0.00E+00	3.57E-05	0.00E+00	0.00E+00	3.02E-03
238	ALL	671911.1	4342596	NonCancer	9.26E-04	1.10E-03	1.80E-07	9.45E-05	1.20E-07	1.02E-03	2.14E-03	9.26E-04	3.58E-09	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	2.14E-03
239	ALL	672132.4	4342596	NonCancer	7.44E-04	8.97E-04	1.59E-07	8.19E-05	1.02E-07	8.27E-04	1.74E-03	7.44E-04	2.88E-09	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	1.74E-03
240	ALL	672353.7	4342596	NonCancer	6.72E-04	8.25E-04	1.61E-07	8.16E-05	9.86E-08	7.54E-04	1.67E-03	6.72E-04	3.49E-09	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	1.67E-03
241	ALL	672575	4342596	NonCancer	6.12E-04	7.52E-04	1.47E-07	7.47E-05	8.99E-08	6.87E-04	1.59E-03	6.12E-04	6.95E-09	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	1.59E-03
242	ALL	668148.8	4342761	NonCancer	5.55E-03	8.38E-03	3.15E-06	1.46E-03	1.52E-06	7.02E-03	1.85E-02	5.55E-03	3.33E-09	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	1.85E-02
243	ALL	668370.1	4342761	NonCancer	8.15E-03	1.24E-02	4.69E-06	2.17E-03	2.26E-06	1.03E-02	2.75E-02	8.15E-03	4.10E-09	0.00E+00	0.00E+00	6.74E-04	0.00E+00	0.00E+00	2.75E-02
244	ALL	668591.4	4342761	NonCancer	1.03E-02	1.56E-02	5.94E-06	2.75E-03	2.86E-06	1.30E-02	3.48E-02	1.03E-02	4.00E-09	0.00E+00	0.00E+00	8.54E-04	0.00E+00	0.00E+00	3.48E-02
245	ALL	668812.7	4342761	NonCancer	1.13E-02	1.72E-02	6.56E-06	3.04E-03	3.16E-06	1.44E-02	3.84E-02	1.13E-02	4.68E-09	0.00E+00	0.00E+00	9.43E-04	0.00E+00	0.00E+00	3.84E-02
246	ALL	669034	4342761	NonCancer	7.73E-03	1.16E-02	4.35E-06	2.02E-03	2.10E-06	9.77E-03	2.55E-02	7.73E-03	4.88E-09	0.00E+00	0.00E+00	6.26E-04	0.00E+00	0.00E+00	2.55E-02
247	ALL	669255.3	4342761	NonCancer	5.37E-03	7.97E-03	2.90E-06	1.35E-03	1.41E-06	6.73E-03	1.70E-02	5.36E-03	5.47E-09	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	1.70E-02
248	ALL	669476.7	4342761	NonCancer	4.14E-03	6.06E-03	2.13E-06	9.96E-04	1.05E-06	5.14E-03	1.25E-02	4.14E-03	6.20E-09	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	1.25E-02
249	ALL	669698	4342761	NonCancer	2.99E-03	4.20E-03	1.33E-06	6.29E-04	6.74E-07	3.62E-03	8.12E-03	2.99E-03	7.66E-09	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	8.12E-03
250	ALL	669919.3	4342761	NonCancer	2.76E-03	3.77E-03	1.10E-06	5.25E-04	5.72E-07	3.29E-03	6.82E-03	2.76E-03	9.04E-09	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	6.82E-03
251	ALL	670140.6	4342761	NonCancer	2.74E-03	3.59E-03	9.15E-07	4.45E-04	4.99E-07	3.19E-03	6.10E-03	2.74E-03	1.65E-08	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	6.10E-03
252	ALL	670361.9	4342761	NonCancer	3.26E-03	4.11E-03	9.08E-07	4.51E-04	5.25E-07	3.72E-03	6.47E-03	3.26E-03	1.98E-08	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	6.47E-03
253	ALL	670583.2	4342761	NonCancer	4.09E-03	5.00E-03	9.45E-07	4.82E-04	5.88E-07	4.58E-03	7.16E-03	4.09E-03	1.55E-08	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	7.16E-03
254	ALL	670804.5	4342761	NonCancer	7.38E-03	9.71E-03	2.52E-06	1.22E-03	1.38E-06	8.61E-03	1.09E-02	7.38E-03	1.75E-08	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	1.09E-02
255	ALL	671025.8	4342761	NonCancer	5.57E-03	6.75E-03	1.23E-06	6.32E-04	7.80E-07	6.20E-03	9.03E-03	5.57E-03	1.64E-08	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	9.03E-03
256	ALL	671247.1	4342761	NonCancer	3.55E-03	4.09E-03	5.30E-07	2.93E-04	3.99E-07	3.85E-03	6.49E-03	3.55E-03	1.27E-08	0.00E+00	0.00E+00	8.50E-05	0.00E+00	0.00E+00	6.49E-03
257	ALL	671468.4	4342761	NonCancer	2.08E-03	2.40E-03	3.19E-07	1.75E-04	2.37E-07	2.25E-03	4.27E-03	2.08E-03	8.82E-09	0.00E+00	0.00E+00	5.12E-05	0.00E+00	0.00E+00	4.27E-03
258	ALL	671689.8	4342761	NonCancer	1.23E-03	1.45E-03	2.26E-07	1.20E-04	1.54E-07	1.35E-03	2.76E-03	1.23E-03	5.30E-09	0.00E+00	0.00E+00	3.55E-05	0.00E+00	0.00E+00	2.76E-03
259	ALL	671911.1	4342761	NonCancer	8.01E-04	9.70E-04	1.75E-07	9.00E-05	1.11E-07	8.92E-04	1.88E-03	8.01E-04	2.92E-09	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	1.88E-03
260	ALL	672132.4	4342761	NonCancer	6.76E-04	8.23E-04	1.54E-07	7.85E-05	9.64E-08	7.55E-04	1.57E-03	6.76E-04	2.32E-09	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	1.57E-03
261	ALL	672353.7	4342761	NonCancer	6.08E-04	7.52E-04	1.52E-07	7.68E-05	9.20E-08	6.85E-04	1.45E-03	6.08E-04	2.69E-09	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	1.45E-03
262	ALL	672575	4342761	NonCancer	5.24E-04	6.55E-04	1.39E-07	6.95E-05	8.22E-08	5.94E-04	1.33E-03	5.24E-04	2.49E-09	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	1.33E-03
263	ALL	668148.8	4342926	NonCancer	5.63E-03	8.48E-03	3.18E-06	1.48E-03	1.54E-06	7.11E-03	1.88E-02	5.63E-03	3.44E-09	0.00E+00	0.00E+00	4.57E-04	0.00E+00	0.00E+00	1.88E-02
264	ALL	668370.1	4342926	NonCancer	9.67E-03	1.47E-02	5.59E-06	2.59E-03	2.69E-06	1.23E-02	3.28E-02	9.67E-03	4.33E-09	0.00E+00	0.00E+00	8.04E-04	0.00E+00	0.00E+00	3.28E-02
265	ALL	668591.4	4342926	NonCancer	1.43E-02	2.18E-02	8.35E-06	3.87E-03	4.01E-06	1.82E-02	4.88E-02	1.43E-02	5.04E-09	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	4.88E-02
266	ALL	668812.7	4342926	NonCancer	2.13E-02	3.25E-02	1.25E-05	5.80E-03	6.00E-06	2.71E-02	7.29E-02	2.12E-02	5.28E-09	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	7.29E-02
267	ALL	669034	4342926	NonCancer	2.82E-02	4.32E-02	1.67E-05	7.73E-03	8.00E-06	3.60E-02	9.71E-02	2.82E-02	5.04E-09	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	9.71E-02
268	ALL	669476.7	4342926	NonCancer	8.47E-03	1.27E-02	4.74E-06	2.20E-03	2.29E-06	1.07E-02	2.73E-02	8.46E-03	5.86E-09	0.00E+00	0.00E+00	6.82E-04	0.00E+00	0.00E+00	2.73E-02
269	ALL	669698	4342926	NonCancer	4.38E-03	6.31E-03	2.13E-06	1.00E-03	1.06E-06	5.39E-03	1.24E-02	4.38E-03	6.96E-09	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	1.24E-02
270	ALL	669919.3	4342926	NonCancer	3.27E-03	4.52E-03	1.37E-06	6.50E-04	7.04E-07	3.93E-03	8.29E-03	3.27E-03	1.24E-08	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	8.29E-03
271	ALL	670140.6	4342926	NonCancer	3.05E-03	4.01E-03	1.04E-06	5.03E-04	5.65E-07	3.56E-03	6.87E-03	3.05E-03	1.36E-08	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	6.87E-03
272	ALL	670361.9	4342926	NonCancer	3.45E-03	4.39E-03	9.99E-07	4.94E-04	5.73E-07	3.95E-03	6.76E-03	3.45E-03	1.43E-08	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	6.76E-03
273	ALL	670583.2	4342926	NonCancer	6.26E-03	8.47E-03	2.41E-06	1.16E-03	1.27E-06	7.43E-03	9.62E-03	6.26E-03	1.68E-08	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	9.62E-03
274	ALL	670804.5	4342926	NonCancer	5.54E-03	7.23E-03	1.81E-06	8.84E-04	1.00E-06	6.43E-03	8.65E-03	5.54E-03	1.44E-08	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	8.65E-03
275	ALL	671025.8	4342926	NonCancer	3.46E-03	4.12E-03	6.74E-07	3.53E-04	4.51E-07	3.81E-03	6.00E-03	3.46E-03	9.58E-09	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	6.00E-03
276	ALL	671247.1	4342926	NonCancer	2.73E-03	3.18E-03	4.47E-07	2.42E-04	3.23E-07	2.97E-03	5.08E-03	2.73E-03	9.05E-09	0.00E+00	0.00E+00	7.09E-05	0.00E+00	0.00E+00	5.08E-03
277	ALL	671468.4	4342926	NonCancer	1.69E-03	1.98E-03	2.90E-07	1.55E-04	2.04E-07	1.85E-03	3.47E-03	1.69E-03	6.37E-09	0.00E+00	0.00E+00	4.57E-05	0.00E+00	0.00E+00	3.47E-03
278	ALL	671689.8	4342926	NonCancer	1.09E-03	1.30E-03	2.15E-07	1.13E-04	1.43E-07	1.21E-03	2.43E-03	1.09E-03	4.27E-09	0.00E+00	0.00E+00	3.34E-05	0.00E+00	0.00E+00	2.43E-03
279	ALL	671911.1	4342926	NonCancer	7.41E-04	9.03E-04	1.70E-07	8.66E-05	1.06E-07	8.28E-04	1.74E-03	7.41E-04	2.59E-09	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	1.74E-03
280	ALL	672132.4	4342926	NonCancer	5.54E-04	6.88E-04	1.41E-07	7.10E-05	8.50E-08	6.25E-04	1.33E-03	5.54E-04	1.68E-09	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	1.33E-03
281	ALL	672353.7	4342926	NonCancer	5.27E-04	6.53E-04	1.33E-07	6.69E-05	8.02E-08	5.94E-04	1.24E-03	5.27E-04	1.73E-09	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	1.24E-03
282	ALL	672575	4342926	NonCancer	4.68E-04	5.88E-04	1.28E-07	6.36E-05	7.48E-08	5.32E-04	1.13E-03	4.68E-04	1.79E-09	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	1.13E-03
283	ALL	668148.8	4343090	NonCancer	5.12E-03	7.70E-03	2.87E-06	1.33E-03	1.39E-06	6.47E-03	1.70E-02	5.12E-03	3.02E-09	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	1.70E-02
284	ALL	668370.1	4343090	NonCancer	9.56E-03	1.45E-02	5.52E-06	2.56E-03	2.66E-06	1.21E-02	3.24E-02	9.55E-03	3.65E-09	0.00E+00	0.00E+00	7.94E-04	0.00E+00	0.00E+00	3.24E-02
285	ALL	668591.4	4343090	NonCancer	1.94E-02	2.97E-02	1.14E-05	5.29E-03	5.48E-06	2.47E-02	6.67E-02	1.94E-02	5.52E-09	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	6.67E-02
286	ALL	669476.7	4343090	NonCancer	1.26E-02	1.91E-02	7.22E-06	3.35E-03	3.48E-06	1.60E-02	4.09E-02	1.26E-02	5.40E-09	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	4.09E-02
287	ALL	669698	4343090	NonCancer	5.52E-03	8.10E-03	2.87E-06	1.34E-03	1.41E-06	6.87E-03	1.54E-02	5.52E-03	6.09E-09	0.00E+00	0.00E+00	4.14E-04	0.00E+00	0.00E+00	1.54E-02
288	ALL	669919.3	4343090	NonCancer	4.09E-03	5.75E-03	1.83E-06	8.65E-04	9.29E-07	4.96E-03	9.59E-03	4.09E-03	6.99E-09	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	9.59E-03
289	ALL	670140.6	4343090	NonCancer	3.57E-03	4.77E-03	1.31E-06	6.31E-04	6.99E-07	4.20E-03	7.40E-03	3.57E-03	1.24E-08	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	7.40E-03
290	ALL	670361.9	4343090	NonCancer	5.45E-03	7.50E-03	2.25E-06	1.07E-03	1.16E-06	6.53E-03	8.79E-03	5.45E-03	8.75E-09	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	8.79E-03
291	ALL	670583.2	4343090	NonCancer	5.01E-03	6.77E-03	1.91E-06	9.18E-04	1.01E-06	5.94E-03	7.92E-03	5.01E-03	9.54E-09	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	7.92E-03
292	ALL	670804.5	4343090	NonCancer	3.65E-03	4.57E-03	9.79E-07	4.89E-04	5.77E-07	4.14E-03	6.22E-03	3.65E-03	1.12E-08	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	6.22E-03
293	ALL	671025.8	4343090	NonCancer	2.59E-03	3.09E-03	5.16E-07	2.70E-04	3.42E-07	2.86E-03	4.68E-03	2.59E-03	7.09E-09	0.00E+00	0.00E+00	7.98E-05	0.00E+00	0.00E+00	4.68E-03
294	ALL	671247.1	4343090	NonCancer	2.13E-03	2.51E-03	3.75E-07	2.00E-04	2.62E-07	2.34E-03	4.04E-03	2.13E-03	6.64E-09	0.00E+00	0.00E+00	5.89E-05	0.00E+00	0.00E+00	4.04E-03
295	ALL	671468.4	4343090	NonCancer	1.44E-03	1.70E-03	2.63E-07	1.39E-04	1.81E-07	1.58E-03	2.95E-03	1.44E-03	5.00E-09	0.00E+00	0.00E+00	4.11E-05	0.00E+00	0.00E+00	2.95E-03
296	ALL	671689.8	4343090	NonCancer	9.68E-04	1.16E-03	1.98E-07	1.03E-04	1.30E-07	1.07E-03	2.13E-03	9.67E-04	3.46E-09	0.00E+00	0.00E+00	3.07E-05	0.00E+00	0.00E+00	2.13E-03

297	ALL	671911.1	4343090	NonCancer	6.78E-04	8.30E-04	1.59E-07	8.09E-05	9.85E-08	7.59E-04	1.58E-03	6.78E-04	2.28E-09	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	1.58E-03
298	ALL	672132.4	4343090	NonCancer	5.17E-04	6.44E-04	1.34E-07	6.73E-05	8.02E-08	5.85E-04	1.24E-03	5.17E-04	1.56E-09	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	1.24E-03
299	ALL	672353.7	4343090	NonCancer	4.08E-04	5.16E-04	1.15E-07	5.71E-05	6.68E-08	4.65E-04	9.95E-04	4.08E-04	1.08E-09	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	9.95E-04
300	ALL	672575	4343090	NonCancer	3.86E-04	4.87E-04	1.08E-07	5.34E-05	6.27E-08	4.40E-04	9.27E-04	3.86E-04	1.06E-09	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	9.27E-04
301	ALL	668148.8	4343255	NonCancer	4.23E-03	6.32E-03	2.33E-06	1.08E-03	1.13E-06	5.32E-03	1.39E-02	4.23E-03	2.99E-09	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	1.39E-02
302	ALL	668370.1	4343255	NonCancer	8.05E-03	1.22E-02	4.62E-06	2.14E-03	2.23E-06	1.02E-02	2.71E-02	8.05E-03	3.62E-09	0.00E+00	0.00E+00	6.65E-04	0.00E+00	0.00E+00	2.71E-02
303	ALL	668591.4	4343255	NonCancer	2.96E-02	4.53E-02	1.76E-05	8.13E-03	8.41E-06	3.78E-02	1.02E-01	2.96E-02	4.86E-09	0.00E+00	0.00E+00	2.52E-03	0.00E+00	0.00E+00	1.02E-01
304	ALL	669476.7	4343255	NonCancer	1.06E-02	1.59E-02	5.98E-06	2.77E-03	2.89E-06	1.34E-02	3.17E-02	1.06E-02	5.12E-09	0.00E+00	0.00E+00	8.59E-04	0.00E+00	0.00E+00	3.17E-02
305	ALL	669698	4343255	NonCancer	9.76E-03	1.46E-02	5.40E-06	2.51E-03	2.62E-06	1.23E-02	1.83E-02	9.76E-03	5.51E-09	0.00E+00	0.00E+00	7.77E-04	0.00E+00	0.00E+00	1.83E-02
306	ALL	669919.3	4343255	NonCancer	7.27E-03	1.07E-02	3.76E-06	1.76E-03	1.85E-06	9.04E-03	1.23E-02	7.27E-03	6.11E-09	0.00E+00	0.00E+00	5.42E-04	0.00E+00	0.00E+00	1.23E-02
307	ALL	670140.6	4343255	NonCancer	7.15E-03	1.03E-02	3.53E-06	1.66E-03	1.76E-06	8.82E-03	1.09E-02	7.14E-03	6.71E-09	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	1.09E-02
308	ALL	670361.9	4343255	NonCancer	4.82E-03	6.71E-03	2.07E-06	9.82E-04	1.06E-06	5.81E-03	7.73E-03	4.82E-03	7.21E-09	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	7.73E-03
309	ALL	670583.2	4343255	NonCancer	3.30E-03	4.33E-03	1.11E-06	5.41E-04	6.10E-07	3.84E-03	5.71E-03	3.30E-03	7.69E-09	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	5.71E-03
310	ALL	670804.5	4343255	NonCancer	2.87E-03	3.57E-03	7.39E-07	3.71E-04	4.43E-07	3.24E-03	5.06E-03	2.87E-03	8.66E-09	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	5.06E-03
311	ALL	671025.8	4343255	NonCancer	2.05E-03	2.45E-03	4.14E-07	2.16E-04	2.73E-07	2.27E-03	3.80E-03	2.05E-03	5.63E-09	0.00E+00	0.00E+00	6.40E-05	0.00E+00	0.00E+00	3.80E-03
312	ALL	671247.1	4343255	NonCancer	1.68E-03	1.98E-03	3.10E-07	1.64E-04	2.12E-07	1.84E-03	3.23E-03	1.68E-03	5.02E-09	0.00E+00	0.00E+00	4.83E-05	0.00E+00	0.00E+00	3.23E-03
313	ALL	671468.4	4343255	NonCancer	1.25E-03	1.48E-03	2.34E-07	1.24E-04	1.59E-07	1.38E-03	2.55E-03	1.25E-03	4.13E-09	0.00E+00	0.00E+00	3.65E-05	0.00E+00	0.00E+00	2.55E-03
314	ALL	671689.8	4343255	NonCancer	8.55E-04	1.03E-03	1.77E-07	9.20E-05	1.15E-07	9.48E-04	1.86E-03	8.55E-04	2.90E-09	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	1.86E-03
315	ALL	671911.1	4343255	NonCancer	6.12E-04	7.49E-04	1.43E-07	7.28E-05	8.88E-08	6.86E-04	1.41E-03	6.12E-04	1.98E-09	0.00E+00	0.00E+00	2.18E-05	0.00E+00	0.00E+00	1.41E-03
316	ALL	672132.4	4343255	NonCancer	4.70E-04	5.85E-04	1.21E-07	6.09E-05	7.27E-08	5.32E-04	1.12E-03	4.70E-04	1.41E-09	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	1.12E-03
317	ALL	672353.7	4343255	NonCancer	3.80E-04	4.79E-04	1.06E-07	5.25E-05	6.17E-08	4.33E-04	9.19E-04	3.80E-04	1.03E-09	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	9.19E-04
318	ALL	672575	4343255	NonCancer	3.10E-04	3.96E-04	9.23E-08	4.55E-05	5.26E-08	3.55E-04	7.63E-04	3.10E-04	7.54E-10	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	7.63E-04
319	ALL	668148.8	4343420	NonCancer	3.72E-03	5.55E-03	2.03E-06	9.46E-04	9.88E-07	4.67E-03	1.21E-02	3.72E-03	3.01E-09	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	1.21E-02
320	ALL	668370.1	4343420	NonCancer	7.97E-03	1.21E-02	4.59E-06	2.13E-03	2.21E-06	1.01E-02	2.69E-02	7.97E-03	3.60E-09	0.00E+00	0.00E+00	6.59E-04	0.00E+00	0.00E+00	2.69E-02
321	ALL	668591.4	4343420	NonCancer	2.77E-02	4.25E-02	1.65E-05	7.62E-03	7.88E-06	3.54E-02	9.58E-02	2.77E-02	4.77E-09	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	9.58E-02
322	ALL	668812.7	4343420	NonCancer	8.36E-02	1.28E-01	5.01E-05	2.32E-02	2.39E-05	1.07E-01	2.91E-01	8.35E-02	9.05E-09	0.00E+00	0.00E+00	7.19E-03	0.00E+00	0.00E+00	2.91E-01
323	ALL	669034	4343420	NonCancer	1.11E-01	1.70E-01	6.65E-05	3.07E-02	3.18E-05	1.42E-01	3.86E-01	1.11E-01	6.61E-08	0.00E+00	0.00E+00	9.55E-03	0.00E+00	0.00E+00	3.86E-01
324	ALL	669255.3	4343420	NonCancer	4.46E-02	6.84E-02	2.65E-05	1.23E-02	1.27E-05	5.70E-02	1.52E-01	4.46E-02	8.79E-09	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	1.52E-01
325	ALL	669476.7	4343420	NonCancer	1.16E-02	1.76E-02	6.62E-06	3.07E-03	3.19E-06	1.47E-02	3.20E-02	1.16E-02	4.98E-09	0.00E+00	0.00E+00	9.52E-04	0.00E+00	0.00E+00	3.20E-02
326	ALL	669698	4343420	NonCancer	4.80E-03	6.95E-03	2.39E-06	1.12E-03	1.18E-06	5.92E-03	1.09E-02	4.79E-03	4.98E-09	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	1.09E-02
327	ALL	669919.3	4343420	NonCancer	4.05E-03	5.74E-03	1.86E-06	8.76E-04	9.38E-07	4.94E-03	7.85E-03	4.05E-03	5.32E-09	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	7.85E-03
328	ALL	670140.6	4343420	NonCancer	3.33E-03	4.59E-03	1.38E-06	6.56E-04	7.14E-07	3.99E-03	6.20E-03	3.33E-03	5.57E-09	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	6.20E-03
329	ALL	670361.9	4343420	NonCancer	2.85E-03	3.80E-03	1.03E-06	4.96E-04	5.53E-07	3.35E-03	5.15E-03	2.85E-03	5.97E-09	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	5.15E-03
330	ALL	670583.2	4343420	NonCancer	2.47E-03	3.18E-03	7.63E-07	3.74E-04	4.30E-07	2.85E-03	4.45E-03	2.47E-03	6.42E-09	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	4.45E-03
331	ALL	670804.5	4343420	NonCancer	2.25E-03	2.77E-03	5.48E-07	2.78E-04	3.35E-07	2.53E-03	4.05E-03	2.25E-03	7.21E-09	0.00E+00	0.00E+00	8.33E-05	0.00E+00	0.00E+00	4.05E-03
332	ALL	671025.8	4343420	NonCancer	1.82E-03	2.18E-03	3.70E-07	1.93E-04	2.43E-07	2.01E-03	3.39E-03	1.82E-03	5.70E-09	0.00E+00	0.00E+00	5.72E-05	0.00E+00	0.00E+00	3.39E-03
333	ALL	671247.1	4343420	NonCancer	1.48E-03	1.75E-03	2.76E-07	1.46E-04	1.88E-07	1.63E-03	2.84E-03	1.48E-03	4.49E-09	0.00E+00	0.00E+00	4.30E-05	0.00E+00	0.00E+00	2.84E-03
334	ALL	671468.4	4343420	NonCancer	1.06E-03	1.25E-03	2.02E-07	1.06E-04	1.36E-07	1.16E-03	2.15E-03	1.06E-03	3.34E-09	0.00E+00	0.00E+00	3.14E-05	0.00E+00	0.00E+00	2.15E-03
335	ALL	671689.8	4343420	NonCancer	7.69E-04	9.23E-04	1.59E-07	8.25E-05	1.04E-07	8.52E-04	1.66E-03	7.69E-04	2.51E-09	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	1.66E-03
336	ALL	671911.1	4343420	NonCancer	5.59E-04	6.83E-04	1.29E-07	6.58E-05	8.05E-08	6.25E-04	1.27E-03	5.59E-04	1.76E-09	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	1.27E-03
337	ALL	672132.4	4343420	NonCancer	4.27E-04	5.31E-04	1.09E-07	5.49E-05	6.57E-08	4.83E-04	1.01E-03	4.27E-04	1.26E-09	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	1.01E-03
338	ALL	672353.7	4343420	NonCancer	3.42E-04	4.32E-04	9.51E-08	4.73E-05	5.55E-08	3.90E-04	8.26E-04	3.42E-04	9.29E-10	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	8.26E-04
339	ALL	672575	4343420	NonCancer	2.84E-04	3.63E-04	8.40E-08	4.14E-05	4.81E-08	3.26E-04	6.97E-04	2.84E-04	6.94E-10	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	6.97E-04
340	ALL	668148.8	4343585	NonCancer	2.99E-03	4.43E-03	1.60E-06	7.44E-04	7.80E-07	3.74E-03	9.55E-03	2.99E-03	2.80E-09	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	9.55E-03
341	ALL	668370.1	4343585	NonCancer	6.45E-03	9.74E-03	3.67E-06	1.70E-03	1.77E-06	8.16E-03	2.16E-02	6.44E-03	3.36E-09	0.00E+00	0.00E+00	5.28E-04	0.00E+00	0.00E+00	2.16E-02
342	ALL	668591.4	4343585	NonCancer	2.04E-02	3.11E-02	1.20E-05	5.57E-03	5.76E-06	2.60E-02	7.01E-02	2.03E-02	4.46E-09	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	7.01E-02
343	ALL	668812.7	4343585	NonCancer	3.87E-02	5.93E-02	2.30E-05	1.07E-02	1.10E-05	4.94E-02	1.34E-01	3.87E-02	6.86E-09	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	1.34E-01
344	ALL	669034	4343585	NonCancer	4.00E-02	6.13E-02	2.38E-05	1.10E-02	1.14E-05	5.11E-02	1.38E-01	4.00E-02	7.79E-09	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	1.38E-01
345	ALL	669255.3	4343585	NonCancer	2.12E-02	3.23E-02	1.24E-05	5.75E-03	5.96E-06	2.70E-02	7.13E-02	2.12E-02	4.80E-09	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	7.13E-02
346	ALL	669476.7	4343585	NonCancer	7.48E-03	1.12E-02	4.11E-06	1.91E-03	2.00E-06	9.41E-03	2.26E-02	7.48E-03	4.27E-09	0.00E+00	0.00E+00	5.91E-04	0.00E+00	0.00E+00	2.26E-02
347	ALL	669698	4343585	NonCancer	3.90E-03	5.62E-03	1.90E-06	8.91E-04	9.46E-07	4.80E-03	9.98E-03	3.90E-03	4.35E-09	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	9.98E-03
348	ALL	669919.3	4343585	NonCancer	2.91E-03	4.05E-03	1.24E-06	5.90E-04	6.39E-07	3.51E-03	6.43E-03	2.91E-03	4.54E-09	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	6.43E-03
349	ALL	670140.6	4343585	NonCancer	2.48E-03	3.34E-03	9.35E-07	4.49E-04	4.97E-07	2.93E-03	4.97E-03	2.48E-03	4.80E-09	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	4.97E-03
350	ALL	670361.9	4343585	NonCancer	2.19E-03	2.87E-03	7.27E-07	3.54E-04	4.01E-07	2.55E-03	4.15E-03	2.19E-03	5.10E-09	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	4.15E-03
351	ALL	670583.2	4343585	NonCancer	1.98E-03	2.52E-03	5.73E-07	2.83E-04	3.30E-07	2.26E-03	3.64E-03	1.98E-03	5.52E-09	0.00E+00	0.00E+00	8.57E-05	0.00E+00	0.00E+00	3.64E-03
352	ALL	670804.5	4343585	NonCancer	1.81E-03	2.25E-03	4.56E-07	2.30E-04	2.76E-07	2.05E-03	3.31E-03	1.81E-03	6.03E-09	0.00E+00	0.00E+00	6.92E-05	0.00E+00	0.00E+00	3.31E-03
353	ALL	671025.8	4343585	NonCancer	1.62E-03	1.96E-03	3.49E-07	1.80E-04	2.24E-07	1.81E-03	3.02E-03	1.62E-03	6.44E-09	0.00E+00	0.00E+00	5.39E-05	0.00E+00	0.00E+00	3.02E-03
354	ALL	671247.1	4343585	NonCancer	1.24E-03	1.47E-03	2.31E-07	1.22E-04	1.58E-07	1.36E-03	2.38E-03	1.24E-03	3.77E-09	0.00E+00	0.00E+00	3.61E-05	0.00E+00	0.00E+00	2.38E-03
355	ALL	671468.4	4343585	NonCancer	9.59E-04	1.14E-03	1.81E-07	9.53E-05	1.23E-07	1.05E-03	1.92E-03	9.59E-04	3.02E-09	0.00E+00	0.00E+00	2.82E-05	0.00E+00	0.00E+00	1.92E-03
356	ALL	671689.8	4343585	NonCancer	7.36E-04	8.79E-04	1.47E-07	7.69E-05	9.74E-08	8.13E-04	1.55E-03	7.35E-04	2.36E-09	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	1.55E-03
357	ALL	671911.1	4343585	NonCancer	5.34E-04	6.49E-04	1.20E-07	6.14E-05	7.56E-08	5.96E-04	1.19E-03	5.34E-04	1.66E-09	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	1.19E-03
358	ALL	672132.4	4343585	NonCancer	4.12E-04	5.10E-04	1.03E-07	5.17E-05	6.23E-08	4.65E-04	9.56E-04	4.12E-04	1.21E-09	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	9.56E-04
359	ALL	672353.7	4343585	NonCancer	3.25E-04	4.09E-04	8.92E-08	4.44E-05	5.23E-08	3.69E-04	7.79E-04	3.25E-04	8.80E-10	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	7.79E-04
360	ALL	672575	4343585	NonCancer	2.71E-04	3.46E-04	7.97E-08	3.93E-05	4.57E-08	3.11E-04	6.63E-04	2.71E-04	6.74E-10	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	6.63E-04
361	ALL	668148.8	4343750	NonCancer	3.66E-03	5.46E-03	2.01E-06	9.34E-04	9.75E-07	4.60E-03	1.19E-02	3.66E-03	2.82E-09	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	1.19E-02
362	ALL	668370.1	4343750	NonCancer	6.08E-03	9.17E-03	3.44E-06	1.60E-03	1.66E-06	7.69E-03	2.03E-02	6.08E-03	2.87E-09	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	2.03E-02
363	ALL	668591.4	4343750	NonCancer	1.36E-02	2.08E-02	7.98E-06	3.70E-03	3.83E-06	1.74E-02	4.66E-02	1.36E-02	3.50E-09	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	4.66E-02
364	ALL	668812.7	4343750	NonCancer	2.32E-02	3.56E-02	1.37E-05	6.36E-03	6.58E-06	2.96E-02	7.99E-02	2.32E-02	4.53E-09	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	7.99E-02
365	ALL	669034	4343750	NonCancer	2.13E-02	3.25E-02	1.25E-05	5.78E-03	5.99E-06	2.71E-02	7.27E-02	2.13E-02	4.35E-09	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	7.27E-02
366	ALL	669255.3	4343750	NonCancer	1.29E-02	1.95E-02	7.40E-06	3.43E-03	3.56E-06	1.63E-02	4.28E-02	1.29E-02	3.96E-09	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	4.28E-02
367	ALL	669476.7	4343750	NonCancer	5.97E-03	8.85E-03	3.20E-06	1.49E-03	1.56E-06	7.47E-03	1.83E-02	5.97E-03	3.81E-09	0.00E+00	0.00E+00	4.61E-04	0.00E+00	0.00E+00	1.83E-02
368	ALL	669698	4343750	NonCancer	3.28E-03	4.67E-03	1.54E-06	7.24E-04	7.73E-07	4.01E-03	8.66E-03	3.28E-03	3.88E-09	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	8.66E-03
369	ALL	669919.3	4343750	NonCancer	2.42E-03	3.33E-03	9.86E-07	4.70E-04	5.13E-07	2.90E-03	5.57E-03	2.42E-03	4.02E-09	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	5.57E-03
370	ALL	670140.6	4343750	NonCancer	2.06E-03	2.75E-03	7.39E-07	3.57E-04	3.98E-07	2.42E-03	4.32E-03	2.06E-03	4.22E-09	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	4.32E-03
371	ALL	670361.9	4343750	NonCancer	1.84E-03	2.38E-03	5.78E-07	2.83E-04	3.24E-07	2.13E-03	3.59E-03	1.84E-03	4.52E-09	0.00E+00	0.00E+00	8.58E-05	0.00E+00	0.00E+00	3.59E-03
372	ALL	670583.2	4343750	NonCancer	1.66E-03	2.10E-03	4.69E-07	2.32E-04	2.72E-07	1.89E-03	3.15E-03	1.66E-03	4.78E-09	0.00E+00	0.00E+00	7.03E-05	0.00E+00	0.00E+00	3.15E-03
373	ALL	670804.5	4343750	NonCancer	1.50E-03	1.86E-03	3.81E-07	1.92E-04	2.29E-07	1.70E-03	2.82E-03	1.50E-03	5.12E-09	0.00E+00	0.00E+00	5.78E-05	0.00E+00	0.00E+00	2.82E-03
374	ALL	671025.8	4343750	NonCancer	1.35E-03	1.65E-03	3.10E-07	1.58E-04	1.94E-07	1.51E-03	2.54E-03	1.35E-03	5.42E-09	0.00E+00	0.00E+00	4.76E-05	0.00E+00	0.00E+00	2.54E-03
375	ALL	671247.1	4343750	NonCancer	1.14E-03	1.36E-03	2.27E-07	1.19E-04	1.50E-07	1.26E-03	2.21E-03	1.14E-03	4.15E-09	0.00E+00	0.00E+00	3.53E-05	0.00E+00	0.00E+00	2.21E-03
376	ALL	671468.4	4343750	NonCancer	9.56E-04	1.14E-03	1.90E-07	9.95E-05	1.26E-07	1.06E-03	1.89E-03	9.56E-04	3.52E-09	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	1.89E-03
377	ALL	671689.8	4343750	NonCancer	7.77E-04	9.32E-04	1.60E-07	8.29E-05	1.04E-07	8.60E-04	1.57E-03	7.77E-04	2.82E-09	0.00E+00	0.00E+00	2.47E-05	0.00E+00	0.00E+00	1.57E-03
378	ALL	671911.1	4343750	NonCancer	5.78E-04	6.93E-04	1.18E-07	6.13E-05	7.73E-08	6.40E-04	1.22E-03	5.78E-04	1.89E-09	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	1.22E-03
379	ALL	672132.4	4343750	NonCancer	4.18E-04	5.10E-04	9.60E-08	4.90E-05	6.00E-08	4.67E-04	9.35E-04	4.18E-04	1.30E-09	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	9.35E-04
380	ALL	672353.7	4343750	NonCancer	3.15E-04	3.93E-04	8.24E-08	4.13E-05	4.91E-08	3.56E-04	7.39E-04	3.15E-04	8.77E-10	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	7.39E-04
381	ALL	672575	4343750	NonCancer	2.63E-04	3.33E-04	7.48E-08	3.71E-05	4.34E-08	3.01E-04	6.35E-04	2.63E-04	6.82E-10	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	6.35E-04
382	ALL	668148.8	4343915	NonCancer	4.32E-03	6.49E-03	2.41E-06	1.12E-03	1.17E-06	5.45E-03	1.43E-02	4.32E-03	2.80E-09	0.00E+00	0.00E+00	3.47E-04	0.00E+00	0.00E+00	1.43E-02
383	ALL	668370.1	4343915	NonCancer	6.21E-03	9.37E-03	3.52E-06	1.63E-03	1.70E-06	7.85E-03	2.07E-02	6.21E-03	2.78E-09	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	2.07E-02
384	ALL	668591.4	4343915	NonCancer	1.04E-02	1.58E-02	6.00E-06	2.78E-03	2.89E-06	1.32E-02	3.51E-02	1.04E-02	3.07E-09	0.00E+00	0.00E+00	8.62E-04	0.00E+00	0.00E+00	3.51E-02
385	ALL	668812.7	4343915	NonCancer	1.52E-02	2.31E-02	8.85E-06	4.10E-03	4.25E-06	1.93E-02	5.16E-02	1.52E-02	3.44E-09	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	5.16E-02
386	ALL	669034	4343915	NonCancer	1.44E-02	2.19E-02	8.33E-06	3.86E-03	4.00E-06	1.83E-02	4.86E-02	1.44E-02	3.54E-09	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	4.86E-02
387	ALL	669255.3	4343915	NonCancer	9.20E-03	1.38E-02	5.16E-06	2.40E-03	2.50E-06	1.16E-02	3.02E-02	9.20E-03	3.48E-09	0.00E+00	0.00E+00	7.42E-04	0.00E+00	0.00E+00	3.02E-02
388	ALL	669476.7	4343915	NonCancer	4.85E-03	7.12E-03	2.52E-06	1.18E-03	1.24E-06	6.04E-03	1.48E-02	4.85E-03	3.44E-09	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	1.48E-02
389	ALL	669698	4343915	NonCancer	2.88E-03	4.08E-03	1.32E-06	6.23E-04	6.68E-07	3.51E-03	7.78E-03	2.88E-03	3.49E-09	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	7.78E-03
390	ALL	669919.3	4343915	NonCancer	2.11E-03	2.88E-03	8.37E-07	4.00E-04	4.39E-07	2.52E-03	5.00E-03	2.11E-03	3.59E-09	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	5.00E-03
391	ALL	670140.6	4343915	NonCancer	1.78E-03	2.35E-03	6.15E-07	2.98E-04	3.35E-07	2.08E-03	3.83E-03	1.78E-03	3.76E-09	0.00E+00	0.00E+00	9.08E-05	0.00E+00	0.00E+00	3.83E-03
392	ALL	670361.9	4343915	NonCancer	1.59E-03	2.05E-03	4.94E-07	2.42E-04	2.78E-07	1.83E-03	3.22E-03	1.59E-03	3.96E-09	0.00E+00	0.00E+00	7.34E-05	0.00E+00	0.00E+00	3.22E-03
393	ALL	670583.2	4343915	NonCancer	1.44E-03	1.82E-03	4.01E-07	1.99E-04	2.34E-07	1.64E-03	2.82E-03	1.44E-03	4.23E-09	0.00E+00	0.00E+00	6.03E-05	0.00E+00	0.00E+00	2.82E-03
394	ALL	670804.5	4343915	NonCancer	1.31E-03	1.62E-03	3.29E-07	1.66E-04	1.99E-07	1.48E-03	2.51E-03	1.31E-03	4.49E-09	0.00E+00	0.00E+00	4.99E-05	0.00E+00	0.00E+00	2.51E-03
395	ALL	671025.8	4343915	NonCancer	1.18E-03	1.43E-03	2.63E-07	1.35E-04	1.66E-07	1.31E-03	2.23E-03	1.18E-03	4.72E-09	0.00E+00	0.00E+00	4.05E-05	0.00E+00	0.00E+00	2.23E-03

396	ALL	671247.1	4343915	NonCancer	1.02E-03	1.24E-03	2.26E-07	1.16E-04	1.43E-07	1.14E-03	1.99E-03	1.02E-03	4.72E-09	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	1.99E-03
397	ALL	671468.4	4343915	NonCancer	8.28E-04	9.87E-04	1.63E-07	8.53E-05	1.08E-07	9.14E-04	1.61E-03	8.28E-04	3.01E-09	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	1.61E-03
398	ALL	671689.8	4343915	NonCancer	6.50E-04	7.71E-04	1.24E-07	6.51E-05	8.34E-08	7.15E-04	1.31E-03	6.50E-04	2.23E-09	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	1.31E-03
399	ALL	671911.1	4343915	NonCancer	5.15E-04	6.14E-04	1.01E-07	5.28E-05	6.72E-08	5.68E-04	1.07E-03	5.15E-04	1.66E-09	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	1.07E-03
400	ALL	672132.4	4343915	NonCancer	4.19E-04	5.04E-04	8.78E-08	4.55E-05	5.69E-08	4.65E-04	8.98E-04	4.19E-04	1.35E-09	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	8.98E-04
401	ALL	672353.7	4343915	NonCancer	3.28E-04	4.01E-04	7.67E-08	3.90E-05	4.76E-08	3.67E-04	7.36E-04	3.28E-04	1.02E-09	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	7.36E-04
402	ALL	672575	4343915	NonCancer	2.65E-04	3.30E-04	6.87E-08	3.44E-05	4.11E-08	2.99E-04	6.16E-04	2.65E-04	7.44E-10	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	6.16E-04
403	ALL	668148.8	4344080	NonCancer	4.05E-03	6.07E-03	2.24E-06	1.04E-03	1.09E-06	5.10E-03	1.33E-02	4.05E-03	2.50E-09	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	1.33E-02
404	ALL	668370.1	4344080	NonCancer	5.89E-03	8.88E-03	3.33E-06	1.54E-03	1.61E-06	7.45E-03	1.96E-02	5.89E-03	2.68E-09	0.00E+00	0.00E+00	4.79E-04	0.00E+00	0.00E+00	1.96E-02
405	ALL	668591.4	4344080	NonCancer	8.57E-03	1.30E-02	4.91E-06	2.28E-03	2.36E-06	1.09E-02	2.88E-02	8.57E-03	2.82E-09	0.00E+00	0.00E+00	7.05E-04	0.00E+00	0.00E+00	2.88E-02
406	ALL	668812.7	4344080	NonCancer	1.10E-02	1.67E-02	6.35E-06	2.95E-03	3.06E-06	1.40E-02	3.72E-02	1.10E-02	2.95E-09	0.00E+00	0.00E+00	9.13E-04	0.00E+00	0.00E+00	3.72E-02
407	ALL	669034	4344080	NonCancer	1.04E-02	1.57E-02	5.93E-06	2.75E-03	2.86E-06	1.32E-02	3.48E-02	1.04E-02	3.07E-09	0.00E+00	0.00E+00	8.53E-04	0.00E+00	0.00E+00	3.48E-02
408	ALL	669255.3	4344080	NonCancer	7.09E-03	1.06E-02	3.89E-06	1.81E-03	1.89E-06	8.91E-03	2.30E-02	7.09E-03	3.10E-09	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	2.30E-02
409	ALL	669476.7	4344080	NonCancer	4.21E-03	6.16E-03	2.16E-06	1.01E-03	1.07E-06	5.23E-03	1.28E-02	4.21E-03	3.11E-09	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	1.28E-02
410	ALL	669698	4344080	NonCancer	2.59E-03	3.65E-03	1.17E-06	5.52E-04	5.93E-07	3.14E-03	7.05E-03	2.59E-03	3.14E-09	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	7.05E-03
411	ALL	669919.3	4344080	NonCancer	1.87E-03	2.54E-03	7.25E-07	3.47E-04	3.82E-07	2.22E-03	4.51E-03	1.87E-03	3.24E-09	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	4.51E-03
412	ALL	670140.6	4344080	NonCancer	1.58E-03	2.06E-03	5.15E-07	2.51E-04	2.85E-07	1.83E-03	3.42E-03	1.58E-03	3.42E-09	0.00E+00	0.00E+00	7.63E-05	0.00E+00	0.00E+00	3.42E-03
413	ALL	670361.9	4344080	NonCancer	1.40E-03	1.80E-03	4.33E-07	2.12E-04	2.44E-07	1.61E-03	2.92E-03	1.40E-03	3.53E-09	0.00E+00	0.00E+00	6.44E-05	0.00E+00	0.00E+00	2.92E-03
414	ALL	670583.2	4344080	NonCancer	1.27E-03	1.61E-03	3.56E-07	1.77E-04	2.07E-07	1.45E-03	2.56E-03	1.27E-03	3.75E-09	0.00E+00	0.00E+00	5.35E-05	0.00E+00	0.00E+00	2.56E-03
415	ALL	670804.5	4344080	NonCancer	1.17E-03	1.44E-03	2.87E-07	1.45E-04	1.75E-07	1.31E-03	2.27E-03	1.17E-03	3.99E-09	0.00E+00	0.00E+00	4.36E-05	0.00E+00	0.00E+00	2.27E-03
416	ALL	671025.8	4344080	NonCancer	9.77E-04	1.18E-03	2.09E-07	1.08E-04	1.34E-07	1.09E-03	1.89E-03	9.77E-04	3.30E-09	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	1.89E-03
417	ALL	671247.1	4344080	NonCancer	9.09E-04	1.10E-03	1.99E-07	1.02E-04	1.27E-07	1.01E-03	1.79E-03	9.09E-04	4.13E-09	0.00E+00	0.00E+00	3.08E-05	0.00E+00	0.00E+00	1.79E-03
418	ALL	671468.4	4344080	NonCancer	7.77E-04	9.34E-04	1.61E-07	8.36E-05	1.05E-07	8.62E-04	1.56E-03	7.77E-04	4.03E-09	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	1.56E-03
419	ALL	671689.8	4344080	NonCancer	5.64E-04	6.67E-04	1.05E-07	5.54E-05	7.15E-08	6.20E-04	1.13E-03	5.64E-04	1.82E-09	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	1.13E-03
420	ALL	671911.1	4344080	NonCancer	4.25E-04	5.05E-04	8.27E-08	4.33E-05	5.53E-08	4.68E-04	8.80E-04	4.25E-04	1.34E-09	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	8.80E-04
421	ALL	672132.4	4344080	NonCancer	3.34E-04	4.02E-04	7.07E-08	3.66E-05	4.57E-08	3.71E-04	7.20E-04	3.34E-04	1.03E-09	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	7.20E-04
422	ALL	672353.7	4344080	NonCancer	2.80E-04	3.41E-04	6.40E-08	3.27E-05	4.01E-08	3.13E-04	6.22E-04	2.80E-04	8.42E-10	0.00E+00	0.00E+00	9.78E-06	0.00E+00	0.00E+00	6.22E-04
423	ALL	672575	4344080	NonCancer	2.31E-04	2.86E-04	5.81E-08	2.93E-05	3.51E-08	2.61E-04	5.31E-04	2.31E-04	6.51E-10	0.00E+00	0.00E+00	8.80E-06	0.00E+00	0.00E+00	5.31E-04
424	ALL	671464.7	4342094	NonCancer	4.15E-03	4.53E-03	3.33E-07	2.18E-04	3.48E-07	4.37E-03	1.30E-02	4.15E-03	3.78E-08	0.00E+00	0.00E+00	6.21E-05	0.00E+00	0.00E+00	1.30E-02
425	ALL	671482.2	4342064	NonCancer	3.91E-03	4.27E-03	3.13E-07	2.05E-04	3.27E-07	4.12E-03	1.31E-02	3.91E-03	3.81E-08	0.00E+00	0.00E+00	5.88E-05	0.00E+00	0.00E+00	1.31E-02
426	ALL	671498.6	4342030	NonCancer	3.61E-03	3.94E-03	2.91E-07	1.91E-04	3.02E-07	3.80E-03	1.31E-02	3.61E-03	3.91E-08	0.00E+00	0.00E+00	5.55E-05	0.00E+00	0.00E+00	1.31E-02
427	ALL	671513.8	4341992	NonCancer	3.22E-03	3.52E-03	2.70E-07	1.74E-04	2.73E-07	3.39E-03	1.33E-02	3.22E-03	4.18E-08	0.00E+00	0.00E+00	5.25E-05	0.00E+00	0.00E+00	1.33E-02
428	ALL	671541.8	4341965	NonCancer	2.75E-03	3.02E-03	2.47E-07	1.56E-04	2.41E-07	2.91E-03	1.21E-02	2.75E-03	3.69E-08	0.00E+00	0.00E+00	4.76E-05	0.00E+00	0.00E+00	1.21E-02
429	ALL	671575.6	4341974	NonCancer	2.46E-03	2.71E-03	2.30E-07	1.43E-04	2.19E-07	2.60E-03	9.55E-03	2.46E-03	2.83E-08	0.00E+00	0.00E+00	4.29E-05	0.00E+00	0.00E+00	9.55E-03
430	ALL	671460.8	4342163	NonCancer	3.94E-03	4.33E-03	3.48E-07	2.21E-04	3.44E-07	4.16E-03	1.10E-02	3.94E-03	3.26E-08	0.00E+00	0.00E+00	6.33E-05	0.00E+00	0.00E+00	1.10E-02
431	ALL	671451	4342187	NonCancer	3.97E-03	4.37E-03	3.63E-07	2.28E-04	3.51E-07	4.20E-03	1.08E-02	3.97E-03	3.36E-08	0.00E+00	0.00E+00	6.55E-05	0.00E+00	0.00E+00	1.08E-02
432	ALL	671510.7	4342220	NonCancer	3.10E-03	3.45E-03	3.21E-07	1.94E-04	2.90E-07	3.30E-03	8.24E-03	3.10E-03	2.29E-08	0.00E+00	0.00E+00	5.59E-05	0.00E+00	0.00E+00	8.24E-03
433	ALL	671524.1	4342193	NonCancer	3.05E-03	3.38E-03	3.04E-07	1.86E-04	2.81E-07	3.23E-03	8.19E-03	3.05E-03	2.16E-08	0.00E+00	0.00E+00	5.33E-05	0.00E+00	0.00E+00	8.19E-03
434	ALL	671522.9	4342251	NonCancer	2.91E-03	3.25E-03	3.20E-07	1.90E-04	2.80E-07	3.10E-03	7.57E-03	2.91E-03	2.12E-08	0.00E+00	0.00E+00	5.51E-05	0.00E+00	0.00E+00	7.57E-03
435	ALL	671599.1	4342253	NonCancer	2.34E-03	2.63E-03	2.75E-07	1.61E-04	2.33E-07	2.50E-03	6.02E-03	2.34E-03	1.52E-08	0.00E+00	0.00E+00	4.66E-05	0.00E+00	0.00E+00	6.02E-03
436	ALL	671627.8	4342257	NonCancer	2.18E-03	2.45E-03	2.64E-07	1.53E-04	2.19E-07	2.33E-03	5.55E-03	2.18E-03	1.38E-08	0.00E+00	0.00E+00	4.44E-05	0.00E+00	0.00E+00	5.55E-03
437	ALL	671583.9	4342116	NonCancer	2.54E-03	2.81E-03	2.48E-07	1.53E-04	2.32E-07	2.70E-03	7.11E-03	2.54E-03	1.73E-08	0.00E+00	0.00E+00	4.35E-05	0.00E+00	0.00E+00	7.11E-03
438	ALL	671595.5	4342072	NonCancer	2.47E-03	2.72E-03	2.34E-07	1.45E-04	2.23E-07	2.61E-03	7.20E-03	2.47E-03	1.82E-08	0.00E+00	0.00E+00	4.16E-05	0.00E+00	0.00E+00	7.20E-03
439	ALL	671663.1	4342056	NonCancer	2.08E-03	2.32E-03	2.16E-07	1.31E-04	1.95E-07	2.22E-03	6.04E-03	2.08E-03	1.60E-08	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	6.04E-03
440	ALL	671600.9	4342030	NonCancer	2.43E-03	2.68E-03	2.28E-07	1.42E-04	2.18E-07	2.57E-03	7.65E-03	2.43E-03	2.08E-08	0.00E+00	0.00E+00	4.12E-05	0.00E+00	0.00E+00	7.65E-03
441	ALL	671526.6	4342156	NonCancer	3.04E-03	3.36E-03	2.90E-07	1.80E-04	2.75E-07	3.22E-03	8.43E-03	3.04E-03	2.17E-08	0.00E+00	0.00E+00	5.13E-05	0.00E+00	0.00E+00	8.43E-03
442	ALL	671629	4342292	NonCancer	2.11E-03	2.38E-03	2.68E-07	1.53E-04	2.17E-07	2.26E-03	5.30E-03	2.11E-03	1.34E-08	0.00E+00	0.00E+00	4.47E-05	0.00E+00	0.00E+00	5.30E-03
443	ALL	671641.8	4341981	NonCancer	2.07E-03	2.29E-03	2.10E-07	1.28E-04	1.92E-07	2.20E-03	7.07E-03	2.07E-03	2.04E-08	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	7.07E-03
444	ALL	671666.8	4342019	NonCancer	2.03E-03	2.26E-03	2.10E-07	1.27E-04	1.90E-07	2.16E-03	6.23E-03	2.03E-03	1.75E-08	0.00E+00	0.00E+00	3.73E-05	0.00E+00	0.00E+00	6.23E-03
445	ALL	671407.1	4342220	NonCancer	4.72E-03	5.20E-03	4.33E-07	2.72E-04	4.16E-07	4.99E-03	1.23E-02	4.72E-03	4.36E-08	0.00E+00	0.00E+00	7.82E-05	0.00E+00	0.00E+00	1.23E-02
446	ALL	671415.6	4342183	NonCancer	4.75E-03	5.21E-03	4.12E-07	2.63E-04	4.10E-07	5.02E-03	1.30E-02	4.75E-03	4.54E-08	0.00E+00	0.00E+00	7.58E-05	0.00E+00	0.00E+00	1.30E-02
447	ALL	671635.1	4341706	NonCancer	1.29E-03	1.48E-03	1.88E-07	1.04E-04	1.40E-07	1.39E-03	1.11E-02	1.29E-03	2.00E-08	0.00E+00	0.00E+00	3.29E-05	0.00E+00	0.00E+00	1.11E-02
448	ALL	671693.6	4341710	NonCancer	1.20E-03	1.39E-03	1.81E-07	9.99E-05	1.33E-07	1.30E-03	8.03E-03	1.20E-03	1.81E-08	0.00E+00	0.00E+00	3.15E-05	0.00E+00	0.00E+00	8.03E-03
449	ALL	671719.8	4341736	NonCancer	1.23E-03	1.41E-03	1.83E-07	1.01E-04	1.36E-07	1.33E-03	7.20E-03	1.23E-03	1.81E-08	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	7.20E-03
450	ALL	671673.5	4341630	NonCancer	1.19E-03	1.37E-03	1.82E-07	9.99E-05	1.32E-07	1.29E-03	1.01E-02	1.19E-03	2.44E-08	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	1.01E-02
451	ALL	671888	4341936	NonCancer	1.22E-03	1.39E-03	1.73E-07	9.66E-05	1.32E-07	1.31E-03	3.57E-03	1.22E-03	1.03E-08	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	3.57E-03
452	ALL	671977.6	4341952	NonCancer	1.02E-03	1.17E-03	1.49E-07	8.26E-05	1.12E-07	1.10E-03	2.76E-03	1.02E-03	7.17E-09	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	2.76E-03
453	ALL	672039.2	4341895	NonCancer	8.30E-04	9.59E-04	1.28E-07	7.02E-05	9.45E-08	9.01E-04	2.24E-03	8.30E-04	5.45E-09	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	2.24E-03
454	ALL	671858.2	4341754	NonCancer	1.07E-03	1.24E-03	1.69E-07	9.21E-05	1.22E-07	1.16E-03	4.82E-03	1.07E-03	1.34E-08	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	4.82E-03
455	ALL	671922.8	4341634	NonCancer	7.64E-04	8.95E-04	1.33E-07	7.10E-05	9.21E-08	8.36E-04	2.63E-03	7.64E-04	7.59E-09	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	2.63E-03
456	ALL	671613.7	4341791	NonCancer	1.53E-03	1.73E-03	1.97E-07	1.13E-04	1.57E-07	1.64E-03	1.13E-02	1.53E-03	2.23E-08	0.00E+00	0.00E+00	3.53E-05	0.00E+00	0.00E+00	1.13E-02
457	ALL	671853.3	4341731	NonCancer	1.03E-03	1.20E-03	1.65E-07	9.00E-05	1.19E-07	1.13E-03	4.85E-03	1.03E-03	1.32E-08	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	4.85E-03
458	ALL	671783.8	4341586	NonCancer	9.55E-04	1.11E-03	1.59E-07	8.59E-05	1.12E-07	1.04E-03	5.32E-03	9.55E-04	1.69E-08	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	5.32E-03
459	ALL	671783.2	4341547	NonCancer	9.04E-04	1.06E-03	1.53E-07	8.24E-05	1.07E-07	9.87E-04	4.85E-03	9.04E-04	1.57E-08	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	4.85E-03
460	ALL	671769.2	4341461	NonCancer	8.26E-04	9.66E-04	1.42E-07	7.64E-05	9.82E-08	9.03E-04	4.02E-03	8.26E-04	1.39E-08	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	4.02E-03
461	ALL	671800.9	4341421	NonCancer	7.26E-04	8.54E-04	1.30E-07	6.94E-05	8.85E-08	7.96E-04	3.26E-03	7.26E-04	9.86E-09	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	3.26E-03
462	ALL	671880.1	4341427	NonCancer	6.06E-04	7.19E-04	1.15E-07	6.05E-05	7.66E-08	6.67E-04	1.98E-03	6.06E-04	5.54E-09	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	1.98E-03
463	ALL	672012.4	4341505	NonCancer	5.00E-04	5.91E-04	9.36E-08	4.94E-05	6.34E-08	5.49E-04	1.40E-03	5.00E-04	2.94E-09	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	1.40E-03
464	ALL	672084.3	4341548	NonCancer	5.22E-04	6.15E-04	9.46E-08	5.02E-05	6.49E-08	5.73E-04	1.45E-03	5.22E-04	3.21E-09	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	1.45E-03
465	ALL	671915.5	4341478	NonCancer	5.96E-04	7.06E-04	1.13E-07	5.96E-05	7.56E-08	6.56E-04	1.90E-03	5.96E-04	4.80E-09	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	1.90E-03
466	ALL	671903.3	4341564	NonCancer	6.99E-04	8.24E-04	1.27E-07	6.76E-05	8.66E-08	7.67E-04	2.43E-03	6.99E-04	6.83E-09	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	2.43E-03
467	ALL	671863.1	4341522	NonCancer	7.12E-04	8.41E-04	1.31E-07	6.96E-05	8.87E-08	7.82E-04	2.65E-03	7.12E-04	7.64E-09	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	2.65E-03
468	ALL	671830.1	4341336	NonCancer	6.25E-04	7.39E-04	1.17E-07	6.17E-05	7.81E-08	6.87E-04	2.26E-03	6.25E-04	7.48E-09	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	2.26E-03
469	ALL	671835.6	4341288	NonCancer	5.86E-04	6.93E-04	1.10E-07	5.83E-05	7.36E-08	6.44E-04	1.93E-03	5.85E-04	6.80E-09	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	1.93E-03
470	ALL	671825.9	4341275	NonCancer	5.83E-04	6.90E-04	1.10E-07	5.79E-05	7.31E-08	6.41E-04	1.91E-03	5.83E-04	6.84E-09	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	1.91E-03
471	ALL	672136.7	4341371	NonCancer	3.48E-04	4.21E-04	7.51E-08	3.87E-05	4.80E-08	3.87E-04	9.07E-04	3.48E-04	1.57E-09	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	9.07E-04
472	ALL	671920.3	4341307	NonCancer	5.00E-04	5.93E-04	9.53E-08	5.02E-05	6.36E-08	5.51E-04	1.47E-03	5.00E-04	3.80E-09	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	1.47E-03
473	ALL	671695.4	4341257	NonCancer	5.83E-04	6.83E-04	1.02E-07	5.47E-05	7.04E-08	6.38E-04	1.79E-03	5.83E-04	6.03E-09	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	1.79E-03
474	ALL	671682	4341176	NonCancer	5.09E-04	5.96E-04	8.71E-08	4.68E-05	6.10E-08	5.57E-04	1.44E-03	5.09E-04	4.13E-09	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	1.44E-03
475	ALL	671991.7	4341196	NonCancer	4.32E-04	5.15E-04	8.51E-08	4.46E-05	5.61E-08	4.77E-04	1.21E-03	4.32E-04	3.13E-09	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	1.21E-03
476	ALL	672022.1	4341232	NonCancer	4.17E-04	4.98E-04	8.37E-08	4.37E-05	5.48E-08	4.61E-04	1.14E-03	4.17E-04	2.62E-09	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	1.14E-03
477	ALL	671992.3	4341178	NonCancer	4.13E-04	4.92E-04	8.07E-08	4.23E-05	5.35E-08	4.56E-04	1.12E-03	4.13E-04	2.69E-09	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	1.12E-03
478	ALL	671540.6	4341238	NonCancer	5.35E-04	6.20E-04	8.52E-08	4.64E-05	6.19E-08	5.82E-04	1.45E-03	5.35E-04	3.95E-09	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	1.45E-03
479	ALL	671575.3	4341178	NonCancer	4.74E-04	5.52E-04	7.72E-08	4.19E-05	5.56E-08	5.17E-04	1.21E-03	4.74E-04	3.01E-09	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	1.21E-03
480	ALL	671454.7	4341196	NonCancer	5.66E-04	6.51E-04	8.41E-08	4.65E-05	6.32E-08	6.13E-04	1.43E-03	5.66E-04	4.33E-09	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	1.43E-03
481	ALL	671523.5	4341116	NonCancer	4.54E-04	5.27E-04	7.30E-08	3.97E-05	5.28E-08	4.94E-04	1.12E-03	4.54E-04	2.99E-09	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	1.12E-03
482	ALL	671413.2	4341127	NonCancer	5.66E-04	6.48E-04	8.06E-08	4.50E-05	6.19E-08	6.11E-04	1.33E-03	5.66E-04	3.72E-09	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	1.33E-03
483	ALL	671471.1	4341065	NonCancer	4.61E-04	5.33E-04	7.15E-08	3.92E-05	5.27E-08	5.01E-04	1.09E-03	4.61E-04	2.97E-09	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	1.09E-03
484	ALL	671601.6	4341051	NonCancer	4.36E-04	5.09E-04	7.33E-08	3.95E-05	5.19E-08	4.76E-04	1.13E-03	4.36E-04	3.12E-09	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	1.13E-03
485	ALL	671198.6	4341254	NonCancer	7.53E-04	8.52E-04	9.53E-08	5.47E-05	7.78E-08	8.08E-04	1.87E-03	7.53E-04	4.98E-09	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	1.87E-03
486	ALL	671278.5	4341212	NonCancer	7.17E-04	8.14E-04	9.29E-08	5.30E-05	7.50E-08	7.71E-04	1.72E-03	7.17E-04	4.95E-09	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	1.72E-03
487	ALL	671230.3	4341133	NonCancer	6.17E-04	7.02E-04	8.31E-08	4.69E-05	6.57E-08	6.64E-04	1.42E-03	6.17E-04	3.86E-09	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	1.42E-03
488	ALL	671073.1	4341272	NonCancer	8.18E-04	9.23E-04	9.95E-08	5.77E-05	8.31E-08	8.76E-04	2.07E-03	8.18E-04	5.13E-09	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	2.07E-03
489	ALL	671122.5	4341374	NonCancer	9.98E-04	1.12E-03	1.16E-07	6.82E-05	9.93E-08	1.07E-03	2.77E-03	9.98E-04	7.63E-09	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	2.77E-03
490	ALL	671118.8	4341397	NonCancer	1.05E-03	1.18E-03	1.22E-07	7.13E-05	1.04E-07	1.12E-03	2.98E-03	1.05E-03	8.59E-09	0.00E+00	0.00E+00	2.12E-05	0.00E+00	0.00E+00	2.98E-03
491	ALL	670978.4	4341324	NonCancer	1.03E-03	1.15E-03	1.13E-07	6.73E-05	9.99E-08	1.10E-03	2.56E-03	1.03E-03	7.99E-09	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	2.56E-03
492	ALL	670932.9	4341394	NonCancer	1.32E-03	1.47E-03	1.31E-07	8.03E-05	1.22E-07	1.40E-03	3.16E-03	1.32E-03	1.41E-08	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	3.16E-03
493	ALL	670935.2	4341367	NonCancer	1.23E-03	1.37E-03	1.26E-07	7.63E-05	1.15E-07	1.31E-03	2.98E-03	1.23E-03	1.21E-08	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	2.98E-03
494	ALL	671108	4340976	NonCancer	5.80E-04	6.61E-04	7.82E-08	4.42E-05	6.19E-08	6.25E-04	1.27E-03	5.80E-04	3.57E-09	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	1.27E-03

495	ALL	671286.7	4340979	NonCancer	4.95E-04	5.68E-04	7.14E-08	3.97E-05	5.46E-08	5.35E-04	1.10E-03	4.95E-04	2.86E-09	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	1.10E-03
496	ALL	671675.4	4342489	NonCancer	1.54E-03	1.78E-03	2.39E-07	1.31E-04	1.76E-07	1.67E-03	3.59E-03	1.54E-03	7.76E-09	0.00E+00	0.00E+00	3.84E-05	0.00E+00	0.00E+00	3.59E-03
497	ALL	671091.4	4342277	NonCancer	1.93E-02	2.29E-02	3.72E-06	1.95E-03	2.47E-06	2.12E-02	3.17E-02	1.93E-02	8.29E-08	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	3.17E-02
498	ALL	671051.8	4342332	NonCancer	1.48E-02	1.74E-02	2.58E-06	1.38E-03	1.80E-06	1.62E-02	2.38E-02	1.48E-02	6.04E-08	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	2.38E-02
499	ALL	671051.8	4342369	NonCancer	1.48E-02	1.78E-02	3.11E-06	1.61E-03	2.00E-06	1.64E-02	2.32E-02	1.48E-02	5.53E-08	0.00E+00	0.00E+00	4.78E-04	0.00E+00	0.00E+00	2.32E-02
500	ALL	670953	4342361	NonCancer	9.84E-03	1.14E-02	1.60E-06	8.69E-04	1.15E-06	1.07E-02	1.64E-02	9.84E-03	5.52E-08	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	1.64E-02
501	ALL	670695.7	4342236	NonCancer	3.96E-03	4.60E-03	6.42E-07	3.49E-04	4.46E-07	4.31E-03	7.62E-03	3.96E-03	4.06E-08	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	7.62E-03
502	ALL	670545.5	4342319	NonCancer	2.93E-03	3.48E-03	5.78E-07	3.03E-04	3.71E-07	3.23E-03	5.73E-03	2.93E-03	2.71E-08	0.00E+00	0.00E+00	8.98E-05	0.00E+00	0.00E+00	5.73E-03
503	ALL	670711.7	4342488	NonCancer	4.78E-03	5.66E-03	8.96E-07	4.73E-04	6.01E-07	5.26E-03	8.47E-03	4.78E-03	3.35E-08	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	8.47E-03
504	ALL	670648.3	4342502	NonCancer	4.14E-03	4.91E-03	7.87E-07	4.14E-04	5.25E-07	4.55E-03	7.42E-03	4.14E-03	2.77E-08	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	7.42E-03
505	ALL	670648.3	4342631	NonCancer	4.33E-03	5.08E-03	7.63E-07	4.07E-04	5.33E-07	4.74E-03	7.32E-03	4.32E-03	1.62E-08	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	7.32E-03
506	ALL	670806.3	4342728	NonCancer	6.56E-03	8.37E-03	1.93E-06	9.54E-04	1.10E-06	7.52E-03	1.01E-02	6.55E-03	1.86E-08	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	1.01E-02
507	ALL	670688.2	4342739	NonCancer	4.35E-03	5.19E-03	8.59E-07	4.49E-04	5.71E-07	4.81E-03	7.32E-03	4.35E-03	1.42E-08	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	7.32E-03
508	ALL	670804.9	4342428	NonCancer	6.14E-03	7.20E-03	1.07E-06	5.72E-04	7.35E-07	6.72E-03	1.06E-02	6.14E-03	4.96E-08	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	1.06E-02
509	ALL	670439.5	4342472	NonCancer	2.88E-03	3.50E-03	6.52E-07	3.34E-04	4.00E-07	3.21E-03	5.58E-03	2.88E-03	1.96E-08	0.00E+00	0.00E+00	9.92E-05	0.00E+00	0.00E+00	5.58E-03
510	ALL	670358.4	4342579	NonCancer	2.90E-03	3.58E-03	7.20E-07	3.64E-04	4.29E-07	3.26E-03	5.68E-03	2.90E-03	1.58E-08	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	5.68E-03
511	ALL	670546.6	4342662	NonCancer	3.87E-03	4.70E-03	8.65E-07	4.44E-04	5.43E-07	4.32E-03	7.00E-03	3.87E-03	2.04E-08	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	7.00E-03
512	ALL	670537	4342595	NonCancer	3.59E-03	4.32E-03	7.64E-07	3.95E-04	4.87E-07	3.98E-03	6.61E-03	3.59E-03	2.18E-08	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	6.61E-03
513	ALL	670483.5	4342777	NonCancer	3.77E-03	4.68E-03	9.57E-07	4.81E-04	5.74E-07	4.26E-03	6.92E-03	3.77E-03	1.68E-08	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	6.92E-03
514	ALL	670508.2	4342755	NonCancer	3.85E-03	4.75E-03	9.48E-07	4.79E-04	5.75E-07	4.33E-03	6.98E-03	3.85E-03	1.72E-08	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	6.98E-03
515	ALL	670517.8	4342869	NonCancer	4.03E-03	5.08E-03	1.11E-06	5.53E-04	6.49E-07	4.59E-03	7.20E-03	4.03E-03	1.54E-08	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	7.20E-03
516	ALL	670545.3	4342851	NonCancer	4.04E-03	5.05E-03	1.07E-06	5.34E-04	6.33E-07	4.58E-03	7.15E-03	4.04E-03	1.47E-08	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	7.15E-03
517	ALL	670582.4	4342878	NonCancer	4.42E-03	5.62E-03	1.28E-06	6.33E-04	7.35E-07	5.06E-03	7.56E-03	4.42E-03	1.49E-08	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	7.56E-03
518	ALL	670304.9	4342689	NonCancer	2.92E-03	3.68E-03	8.08E-07	4.02E-04	4.66E-07	3.33E-03	5.89E-03	2.92E-03	2.03E-08	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	5.89E-03
519	ALL	670039.7	4342661	NonCancer	2.40E-03	3.18E-03	8.57E-07	4.14E-04	4.58E-07	2.81E-03	5.55E-03	2.39E-03	1.06E-08	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	5.55E-03
520	ALL	670156.5	4342673	NonCancer	2.66E-03	3.43E-03	8.36E-07	4.10E-04	4.63E-07	3.07E-03	5.70E-03	2.66E-03	1.19E-08	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	5.70E-03
521	ALL	670236.2	4342649	NonCancer	2.77E-03	3.50E-03	7.79E-07	3.87E-04	4.46E-07	3.16E-03	5.68E-03	2.77E-03	1.31E-08	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	5.68E-03
522	ALL	670071.3	4342738	NonCancer	2.79E-03	3.67E-03	9.53E-07	4.63E-04	5.16E-07	3.26E-03	6.22E-03	2.79E-03	1.05E-08	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	6.22E-03
523	ALL	669990.2	4342753	NonCancer	2.74E-03	3.68E-03	1.02E-06	4.92E-04	5.41E-07	3.24E-03	6.48E-03	2.74E-03	9.64E-09	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	6.48E-03
524	ALL	669928.4	4342742	NonCancer	2.67E-03	3.64E-03	1.06E-06	5.05E-04	5.51E-07	3.18E-03	6.58E-03	2.67E-03	9.19E-09	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	6.58E-03
525	ALL	669815.8	4342673	NonCancer	2.41E-03	3.30E-03	9.77E-07	4.66E-04	5.06E-07	2.88E-03	6.12E-03	2.41E-03	8.68E-09	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	6.12E-03
526	ALL	669743	4342656	NonCancer	2.35E-03	3.23E-03	9.64E-07	4.59E-04	4.98E-07	2.82E-03	6.05E-03	2.35E-03	8.28E-09	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	6.05E-03
527	ALL	669791	4342745	NonCancer	2.78E-03	3.85E-03	1.18E-06	5.59E-04	6.03E-07	3.34E-03	7.24E-03	2.78E-03	8.27E-09	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	7.24E-03
528	ALL	669696.3	4342731	NonCancer	2.80E-03	3.91E-03	1.22E-06	5.78E-04	6.21E-07	3.38E-03	7.50E-03	2.80E-03	7.76E-09	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	7.50E-03
529	ALL	669536.9	4342553	NonCancer	2.25E-03	3.15E-03	9.93E-07	4.70E-04	5.04E-07	2.72E-03	6.13E-03	2.25E-03	6.70E-09	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	6.13E-03
530	ALL	671174.9	4342280	NonCancer	1.79E-02	2.15E-02	3.73E-06	1.94E-03	2.39E-06	1.98E-02	3.19E-02	1.79E-02	8.57E-08	0.00E+00	0.00E+00	5.72E-04	0.00E+00	0.00E+00	3.19E-02
531	ALL	671068.4	4342170	NonCancer	1.54E-02	1.98E-02	4.75E-06	2.33E-03	2.62E-06	1.77E-02	3.36E-02	1.54E-02	1.71E-07	0.00E+00	0.00E+00	7.25E-04	0.00E+00	0.00E+00	3.36E-02
532	ALL	670965.7	4342179	NonCancer	8.83E-03	1.05E-02	1.77E-06	9.27E-04	1.13E-06	9.77E-03	1.82E-02	8.83E-03	9.04E-08	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	1.82E-02
533	ALL	670815.5	4342198	NonCancer	4.83E-03	5.63E-03	8.02E-07	4.34E-04	5.52E-07	5.27E-03	9.61E-03	4.83E-03	5.57E-08	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	9.61E-03
534	ALL	670737.6	4342098	NonCancer	3.70E-03	4.28E-03	5.85E-07	3.20E-04	4.13E-07	4.02E-03	7.47E-03	3.70E-03	4.84E-08	0.00E+00	0.00E+00	9.65E-05	0.00E+00	0.00E+00	7.47E-03
535	ALL	670762.3	4342069	NonCancer	3.97E-03	4.57E-03	6.00E-07	3.31E-04	4.33E-07	4.30E-03	8.01E-03	3.97E-03	5.27E-08	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	8.01E-03
536	ALL	670817.4	4342041	NonCancer	4.69E-03	5.37E-03	6.70E-07	3.74E-04	4.98E-07	5.07E-03	9.52E-03	4.69E-03	6.42E-08	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	9.52E-03
537	ALL	670895.4	4342025	NonCancer	5.82E-03	6.68E-03	8.50E-07	4.72E-04	6.24E-07	6.30E-03	1.23E-02	5.82E-03	8.80E-08	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	1.23E-02
538	ALL	670979	4341915	NonCancer	7.72E-03	8.54E-03	7.61E-07	4.69E-04	6.78E-07	8.19E-03	1.57E-02	7.72E-03	1.33E-07	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	1.57E-02
539	ALL	671115.9	4341864	NonCancer	8.53E-03	9.27E-03	6.47E-07	4.34E-04	6.58E-07	8.97E-03	1.90E-02	8.53E-03	3.32E-07	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	1.90E-02
540	ALL	671199.6	4341771	NonCancer	5.05E-03	5.52E-03	4.20E-07	2.73E-04	4.10E-07	5.33E-03	1.54E-02	5.05E-03	2.98E-07	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	1.54E-02
541	ALL	671222.4	4341377	NonCancer	1.02E-03	1.15E-03	1.23E-07	7.15E-05	1.03E-07	1.09E-03	3.23E-03	1.02E-03	1.03E-08	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	3.23E-03
542	ALL	671714.8	4341392	NonCancer	7.68E-04	8.99E-04	1.33E-07	7.12E-05	9.15E-08	8.40E-04	3.63E-03	7.68E-04	1.16E-08	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	3.63E-03
543	ALL	671366.9	4341999	NonCancer	1.01E-02	1.08E-02	5.49E-07	4.19E-04	7.02E-07	1.05E-02	5.79E-02	1.01E-02	3.12E-07	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	5.79E-02
544	ALL	671226.2	4342236	NonCancer	1.45E-02	1.66E-02	2.04E-06	1.14E-03	1.53E-06	1.56E-02	3.14E-02	1.45E-02	1.06E-07	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	3.14E-02
545	ALL	669098.4	4343412	NonCancer	1.07E-01	1.65E-01	6.42E-05	2.97E-02	3.07E-05	1.37E-01	3.72E-01	1.07E-01	7.63E-08	0.00E+00	0.00E+00	9.23E-03	0.00E+00	0.00E+00	3.72E-01
546	ALL	668908.6	4343365	NonCancer	1.66E-01	2.55E-01	9.95E-05	4.60E-02	4.75E-05	2.12E-01	5.78E-01	1.66E-01	1.76E-08	0.00E+00	0.00E+00	1.43E-02	0.00E+00	0.00E+00	5.78E-01
547	ALL	668851.5	4343360	NonCancer	1.54E-01	2.37E-01	9.27E-05	4.29E-02	4.43E-05	1.97E-01	5.38E-01	1.54E-01	1.13E-08	0.00E+00	0.00E+00	1.33E-02	0.00E+00	0.00E+00	5.38E-01
548	ALL	668831.4	4343371	NonCancer	1.28E-01	1.97E-01	7.70E-05	3.56E-02	3.68E-05	1.64E-01	4.47E-01	1.28E-01	1.01E-08	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	4.47E-01
549	ALL	668733.9	4343302	NonCancer	1.76E-01	2.71E-01	1.06E-04	4.89E-02	5.05E-05	2.25E-01	6.14E-01	1.76E-01	6.69E-09	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	6.14E-01
550	ALL	668686.9	4343200	NonCancer	1.19E-01	1.84E-01	7.17E-05	3.32E-02	3.42E-05	1.53E-01	4.17E-01	1.19E-01	6.96E-09	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	4.17E-01
551	ALL	668671.8	4343089	NonCancer	4.40E-02	6.75E-02	2.63E-05	1.22E-02	1.26E-05	5.63E-02	1.53E-01	4.40E-02	6.66E-09	0.00E+00	0.00E+00	3.77E-03	0.00E+00	0.00E+00	1.53E-01
552	ALL	668806.2	4343002	NonCancer	4.45E-02	6.82E-02	2.65E-05	1.23E-02	1.27E-05	5.68E-02	1.54E-01	4.45E-02	6.23E-09	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	1.54E-01
553	ALL	668918.7	4343025	NonCancer	5.13E-02	7.88E-02	3.06E-05	1.42E-02	1.46E-05	6.56E-02	1.78E-01	5.13E-02	5.81E-09	0.00E+00	0.00E+00	4.40E-03	0.00E+00	0.00E+00	1.78E-01
554	ALL	669024.5	4342943	NonCancer	3.69E-02	5.66E-02	2.19E-05	1.02E-02	1.05E-05	4.71E-02	1.28E-01	3.69E-02	5.18E-09	0.00E+00	0.00E+00	3.15E-03	0.00E+00	0.00E+00	1.28E-01
555	ALL	669288.2	4342916	NonCancer	2.19E-02	3.34E-02	1.29E-05	5.95E-03	6.16E-06	2.79E-02	7.46E-02	2.19E-02	5.33E-09	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	7.46E-02
556	ALL	669333.6	4342923	NonCancer	1.87E-02	2.85E-02	1.09E-05	5.06E-03	5.24E-06	2.38E-02	6.33E-02	1.87E-02	5.44E-09	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	6.33E-02
557	ALL	669365.5	4342978	NonCancer	2.82E-02	4.32E-02	1.67E-05	7.72E-03	7.99E-06	3.60E-02	9.65E-02	2.82E-02	5.43E-09	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	9.65E-02
558	ALL	669337	4343151	NonCancer	7.08E-02	1.09E-01	4.23E-05	1.96E-02	2.02E-05	9.06E-02	2.44E-01	7.08E-02	5.24E-09	0.00E+00	0.00E+00	6.08E-03	0.00E+00	0.00E+00	2.44E-01
559	ALL	669303.4	4343304	NonCancer	7.18E-02	1.10E-01	4.29E-05	1.99E-02	2.05E-05	9.18E-02	2.39E-01	7.18E-02	5.59E-09	0.00E+00	0.00E+00	6.16E-03	0.00E+00	0.00E+00	2.39E-01
560	ALL	669222.7	4343235	NonCancer	2.26E-01	3.48E-01	1.36E-04	6.29E-02	6.50E-05	2.90E-01	7.85E-01	2.26E-01	6.27E-09	0.00E+00	0.00E+00	1.95E-02	0.00E+00	0.00E+00	7.85E-01
561	ALL	669135.4	4343306	NonCancer	2.35E-01	3.61E-01	1.41E-04	6.53E-02	6.74E-05	3.01E-01	8.19E-01	2.35E-01	3.24E-08	0.00E+00	0.00E+00	2.03E-02	0.00E+00	0.00E+00	8.19E-01

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISI	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		668148.8	4340781	4.32E-08	6YrCancerI	3.98E-08	1.64E-09	1.13E-10	1.27E-12	0.00E+00	0.00E+00	1.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		668370.1	4340781	5.08E-08	6YrCancerI	4.67E-08	1.96E-09	1.34E-10	1.50E-12	0.00E+00	0.00E+00	1.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		668591.4	4340781	5.92E-08	6YrCancerI	5.45E-08	2.29E-09	1.57E-10	1.76E-12	0.00E+00	0.00E+00	2.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		668812.7	4340781	6.86E-08	6YrCancerI	6.31E-08	2.63E-09	1.80E-10	2.04E-12	0.00E+00	0.00E+00	2.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		669034	4340781	8.11E-08	6YrCancerI	7.47E-08	3.11E-09	2.13E-10	2.43E-12	0.00E+00	0.00E+00	3.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		669255.3	4340781	9.69E-08	6YrCancerI	8.92E-08	3.71E-09	2.54E-10	2.91E-12	0.00E+00	0.00E+00	3.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		669476.7	4340781	1.14E-07	6YrCancerI	1.05E-07	4.24E-09	2.90E-10	3.43E-12	0.00E+00	0.00E+00	4.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		669698	4340781	1.36E-07	6YrCancerI	1.25E-07	4.95E-09	3.39E-10	4.11E-12	0.00E+00	0.00E+00	4.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		669919.3	4340781	1.71E-07	6YrCancerI	1.59E-07	5.83E-09	3.99E-10	5.16E-12	0.00E+00	0.00E+00	5.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		670140.6	4340781	1.97E-07	6YrCancerI	1.84E-07	6.29E-09	4.30E-10	5.95E-12	0.00E+00	0.00E+00	6.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		670361.9	4340781	2.06E-07	6YrCancerI	1.93E-07	6.20E-09	4.24E-10	6.23E-12	0.00E+00	0.00E+00	6.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		670583.2	4340781	1.72E-07	6YrCancerI	1.62E-07	5.04E-09	3.45E-10	5.21E-12	0.00E+00	0.00E+00	4.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		670804.5	4340781	1.38E-07	6YrCancerI	1.29E-07	4.04E-09	2.76E-10	4.15E-12	0.00E+00	0.00E+00	3.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		671025.8	4340781	8.58E-08	6YrCancerI	8.05E-08	2.60E-09	1.78E-10	2.55E-12	0.00E+00	0.00E+00	2.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		671247.1	4340781	7.68E-08	6YrCancerI	7.21E-08	2.29E-09	1.56E-10	2.29E-12	0.00E+00	0.00E+00	2.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		671468.4	4340781	8.62E-08	6YrCancerI	8.10E-08	2.52E-09	1.72E-10	2.60E-12	0.00E+00	0.00E+00	2.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		671689.8	4340781	9.80E-08	6YrCancerI	9.24E-08	2.76E-09	1.89E-10	2.99E-12	0.00E+00	0.00E+00	2.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		671911.1	4340781	8.78E-08	6YrCancerI	8.28E-08	2.47E-09	1.69E-10	2.68E-12	0.00E+00	0.00E+00	2.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		672132.4	4340781	6.55E-08	6YrCancerI	6.18E-08	1.85E-09	1.26E-10	2.01E-12	0.00E+00	0.00E+00	1.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		672353.7	4340781	6.28E-08	6YrCancerI	5.92E-08	1.78E-09	1.22E-10	1.91E-12	0.00E+00	0.00E+00	1.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		672575	4340781	5.92E-08	6YrCancerI	5.58E-08	1.67E-09	1.14E-10	1.81E-12	0.00E+00	0.00E+00	1.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		668148.8	4340946	3.88E-08	6YrCancerI	3.58E-08	1.45E-09	9.96E-11	1.12E-12	0.00E+00	0.00E+00	1.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		668370.1	4340946	4.57E-08	6YrCancerI	4.22E-08	1.74E-09	1.19E-10	1.34E-12	0.00E+00	0.00E+00	1.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		668591.4	4340946	5.39E-08	6YrCancerI	4.96E-08	2.06E-09	1.41E-10	1.59E-12	0.00E+00	0.00E+00	2.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		668812.7	4340946	6.35E-08	6YrCancerI	5.85E-08	2.43E-09	1.66E-10	1.88E-12	0.00E+00	0.00E+00	2.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		669034	4340946	7.73E-08	6YrCancerI	7.12E-08	3.00E-09	2.05E-10	2.31E-12	0.00E+00	0.00E+00	2.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		669255.3	4340946	9.35E-08	6YrCancerI	8.60E-08	3.61E-09	2.47E-10	2.81E-12	0.00E+00	0.00E+00	3.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		669476.7	4340946	1.12E-07	6YrCancerI	1.03E-07	4.21E-09	2.88E-10	3.38E-12	0.00E+00	0.00E+00	4.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		669698	4340946	1.42E-07	6YrCancerI	1.31E-07	5.33E-09	3.65E-10	4.29E-12	0.00E+00	0.00E+00	5.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		669919.3	4340946	1.75E-07	6YrCancerI	1.63E-07	6.23E-09	4.27E-10	5.23E-12	0.00E+00	0.00E+00	6.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		670140.6	4340946	2.23E-07	6YrCancerI	2.07E-07	7.35E-09	5.03E-10	6.72E-12	0.00E+00	0.00E+00	7.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		670361.9	4340946	2.54E-07	6YrCancerI	2.38E-07	7.80E-09	5.34E-10	7.68E-12	0.00E+00	0.00E+00	7.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		670583.2	4340946	2.68E-07	6YrCancerI	2.52E-07	7.79E-09	5.33E-10	8.15E-12	0.00E+00	0.00E+00	7.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		670804.5	4340946	2.12E-07	6YrCancerI	1.99E-07	6.07E-09	4.15E-10	6.43E-12	0.00E+00	0.00E+00	5.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		671025.8	4340946	1.23E-07	6YrCancerI	1.16E-07	3.62E-09	2.48E-10	3.68E-12	0.00E+00	0.00E+00	3.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		671247.1	4340946	9.19E-08	6YrCancerI	8.63E-08	2.71E-09	1.85E-10	2.75E-12	0.00E+00	0.00E+00	2.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		671468.4	4340946	1.03E-07	6YrCancerI	9.71E-08	2.96E-09	2.02E-10	3.12E-12	0.00E+00	0.00E+00	2.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		671689.8	4340946	1.39E-07	6YrCancerI	1.31E-07	3.86E-09	2.64E-10	4.26E-12	0.00E+00	0.00E+00	3.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		671911.1	4340946	1.38E-07	6YrCancerI	1.30E-07	3.80E-09	2.60E-10	4.23E-12	0.00E+00	0.00E+00	3.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		672132.4	4340946	6.99E-08	6YrCancerI	6.59E-08	1.97E-09	1.35E-10	2.14E-12	0.00E+00	0.00E+00	1.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		672353.7	4340946	6.92E-08	6YrCancerI	6.53E-08	1.95E-09	1.33E-10	2.12E-12	0.00E+00	0.00E+00	1.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		672575	4340946	8.00E-08	6YrCancerI	7.54E-08	2.22E-09	1.52E-10	2.46E-12	0.00E+00	0.00E+00	2.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		668148.8	4341111	3.52E-08	6YrCancerI	3.24E-08	1.31E-09	8.95E-11	1.01E-12	0.00E+00	0.00E+00	1.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		668370.1	4341111	4.06E-08	6YrCancerI	3.74E-08	1.52E-09	1.04E-10	1.17E-12	0.00E+00	0.00E+00	1.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		668591.4	4341111	4.84E-08	6YrCancerI	4.45E-08	1.84E-09	1.26E-10	1.42E-12	0.00E+00	0.00E+00	1.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		668812.7	4341111	5.75E-08	6YrCancerI	5.30E-08	2.20E-09	1.51E-10	1.70E-12	0.00E+00	0.00E+00	2.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		669034	4341111	6.99E-08	6YrCancerI	6.43E-08	2.70E-09	1.85E-10	2.08E-12	0.00E+00	0.00E+00	2.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		669255.3	4341111	8.44E-08	6YrCancerI	7.77E-08	3.23E-09	2.21E-10	2.53E-12	0.00E+00	0.00E+00	3.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		669476.7	4341111	1.06E-07	6YrCancerI	9.77E-08	4.06E-09	2.78E-10	3.20E-12	0.00E+00	0.00E+00	4.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		669698	4341111	1.38E-07	6YrCancerI	1.27E-07	5.29E-09	3.63E-10	4.15E-12	0.00E+00	0.00E+00	5.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		669919.3	4341111	1.74E-07	6YrCancerI	1.61E-07	6.48E-09	4.44E-10	5.28E-12	0.00E+00	0.00E+00	6.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		670140.6	4341111	2.19E-07	6YrCancerI	2.04E-07	7.70E-09	5.27E-10	6.55E-12	0.00E+00	0.00E+00	7.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		670361.9	4341111	2.57E-07	6YrCancerI	2.40E-07	8.39E-09	5.74E-10	7.66E-12	0.00E+00	0.00E+00	8.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		670583.2	4341111	2.84E-07	6YrCancerI	2.67E-07	8.48E-09	5.80E-10	8.54E-12	0.00E+00	0.00E+00	8.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		670804.5	4341111	2.70E-07	6YrCancerI	2.54E-07	7.69E-09	5.26E-10	8.20E-12	0.00E+00	0.00E+00	7.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		671025.8	4341111	1.83E-07	6YrCancerI	1.72E-07	5.23E-09	3.58E-10	5.52E-12	0.00E+00	0.00E+00	5.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		671247.1	4341111	1.39E-07	6YrCancerI	1.31E-07	4.00E-09	2.74E-10	4.16E-12	0.00E+00	0.00E+00	3.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		671468.4	4341111	1.56E-07	6YrCancerI	1.47E-07	4.34E-09	2.97E-10	4.73E-12	0.00E+00	0.00E+00	4.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		671689.8	4341111	2.31E-07	6YrCancerI	2.19E-07	6.29E-09	4.30E-10	7.10E-12	0.00E+00	0.00E+00	6.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		671911.1	4341111	1.85E-07	6YrCancerI	1.75E-07	5.05E-09	3.45E-10	5.68E-12	0.00E+00	0.00E+00	4.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		672132.4	4341111	9.45E-08	6YrCancerI	8.92E-08	2.62E-09	1.79E-10	2.90E-12	0.00E+00	0.00E+00	2.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		672353.7	4341111	8.73E-08	6YrCancerI	8.24E-08	2.41E-09	1.65E-10	2.69E-12	0.00E+00	0.00E+00	2.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		672575	4341111	1.11E-07	6YrCancerI	1.05E-07	3.05E-09	2.08E-10	3.43E-12	0.00E+00	0.00E+00	2.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		668148.8	4341276	3.25E-08	6YrCancerI	3.00E-08	1.19E-09	8.17E-11	9.25E-13	0.00E+00	0.00E+00	1.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL		668370.1	4341276	3.71E-08	6YrCancerI	3.43E-08	1.38E-09	9.44E-11	1.07E-12	0.00E+00	0.00E+00	1.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL		668591.4	4341276	4.35E-08	6YrCancerI	4.01E-08	1.64E-09	1.12E-10	1.27E-12	0.00E+00	0.00E+00	1.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL		668812.7	4341276	5.19E-08	6YrCancerI	4.78E-08	2.00E-09	1.37E-10	1.53E-12	0.00E+00	0.00E+00	2.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		669034	4341276	6.40E-08	6YrCancerI	5.87E-08	2.54E-09	1.74E-10	1.89E-12	0.00E+00	0.00E+00	2.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		669255.3	4341276	7.72E-08	6YrCancerI	7.09E-08	3.04E-09	2.08E-10	2.30E-12	0.00E+00	0.00E+00	3.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		669476.7	4341276	9.50E-08	6YrCancerI	8.74E-08	3.68E-09	2.52E-10	2.85E-12	0.00E+00	0.00E+00	3.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL		669698	4341276	1.22E-07	6YrCancerI	1.13E-07	4.74E-09	3.25E-10	3.69E-12	0.00E+00	0.00E+00	4.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL		669919.3	4341276	1.63E-07	6YrCancerI	1.50E-07	6.24E-09	4.28E-10	4.85E-12	0.00E+00	0.00E+00	6.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		670140.6	4341276	1.83E-07	6YrCancerI	1.68E-07	7.20E-09	4.93E-10	5.32E-12	0.00E+00	0.00E+00	7.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL		670361.9	4341276	2.29E-07	6YrCancerI	2.12E-07	8.31E-09	5.69E-10	6.66E-12	0.00E+00	0.00E+00	8.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL		670583.2	4341276	2.58E-07	6YrCancerI	2.42E-07	8.19E-09	5.60E-10	7.52E-12	0.00E+00	0.00E+00	7.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL		670804.5	4341276	3.32E-07	6YrCancerI	3.13E-07	9.48E-09	6.48E-10	1.00E-11	0.00E+00	0.00E+00	9.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		671025.8	4341276	3.36E-07	6YrCancerI	3.17E-07	9.37E-09	6.40E-10	1.03E-11	0.00E+00	0.00E+00	9.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL		671247.1	4341276	2.88E-07	6YrCancerI	2.72E-07	7.91E-09	5.41E-10	8.64E-12	0.00E+00	0.00E+00	7.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL		671468.4	4341276	4.31E-07	6YrCancerI	4.07E-07	1.15E-08	7.88E-10	1.31E-11	0.00E+00	0.00E+00	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL		671689.8	4341276	4.44E-07	6YrCancerI	4.20E-07	1.19E-08	8.10E-10	1.37E-11	0.00E+00	0.00E+00	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		671911.1	4341276	2.74E-07	6YrCancerI	2.59E-07	7.40E-09	5.06E-10	8.42E-12	0.00E+00	0.00E+00	7.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		672132.4	4341276	1.61E-07	6YrCancerI	1.52E-07	4.39E-09	3.00E-10	4.99E-12	0.00E+00	0.00E+00	4.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		672353.7	4341276	1.22E-07	6YrCancerI	1.16E-07	3.34E-09	2.28E-10	3.80E-12	0.00E+00	0.00E+00	3.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL		672575	4341276	1.41E-07	6YrCancerI	1.33E-07	3.86E-09	2.64E-10	4.37E-12	0.00E+00	0.00E+00	3.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		668148.8	4341441	3.08E-08	6YrCancerI	2.85E-08	1.11E-09	7.57E-11	8.67E-13	0.00E+00	0.00E+00	1.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL		668370.1	4341441	3.49E-08	6YrCancerI	3.22E-08	1.27E-09	8.72E-11	9.99E-13	0.00E+00	0.00E+00	1.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL		668591.4	4341441	4.01E-08	6YrCancerI	3.70E-08	1.49E-09	1.02E-10	1.17E-12	0.00E+00	0.00E+00	1.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL		668812.7	4341441	4.76E-08	6YrCancerI	4.38E-08	1.82E-09	1.25E-10	1.40E-12	0.00E+00	0.00E+00	1.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL		669034	4341441	5.72E-08	6YrCancerI	5.26E-08	2.24E-09	1.53E-10	1.69E-12	0.00E+00	0.00E+00	2.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL		669255.3	4341441	6.73E-08	6YrCancerI	6.20E-08	2.57E-09	1.76E-10	2.00E-12	0.00E+00	0.00E+00	2.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

91	ALL	669476.7	4341441	8.34E-08	6YrCancerI	7.67E-08	3.22E-09	2.21E-10	2.49E-12	0.00E+00	0.00E+00	3.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	669698	4341441	1.08E-07	6YrCancerI	9.88E-08	4.25E-09	2.91E-10	3.23E-12	0.00E+00	0.00E+00	4.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	669919.3	4341441	1.18E-07	6YrCancerI	1.08E-07	4.96E-09	3.40E-10	3.46E-12	0.00E+00	0.00E+00	5.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	670140.6	4341441	1.42E-07	6YrCancerI	1.28E-07	6.29E-09	4.31E-10	4.05E-12	0.00E+00	0.00E+00	6.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	670361.9	4341441	1.91E-07	6YrCancerI	1.74E-07	8.14E-09	5.58E-10	5.41E-12	0.00E+00	0.00E+00	8.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	670583.2	4341441	2.31E-07	6YrCancerI	2.14E-07	8.55E-09	5.86E-10	6.53E-12	0.00E+00	0.00E+00	8.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	670804.5	4341441	3.79E-07	6YrCancerI	3.56E-07	1.12E-08	7.65E-10	1.11E-11	0.00E+00	0.00E+00	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	671025.8	4341441	5.50E-07	6YrCancerI	5.19E-07	1.51E-08	1.04E-09	1.68E-11	0.00E+00	0.00E+00	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	671689.8	4341441	1.25E-06	6YrCancerI	1.18E-06	3.28E-08	2.24E-09	3.85E-11	0.00E+00	0.00E+00	3.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	671911.1	4341441	5.39E-07	6YrCancerI	5.10E-07	1.44E-08	9.85E-10	1.68E-11	0.00E+00	0.00E+00	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	672132.4	4341441	2.71E-07	6YrCancerI	2.56E-07	7.32E-09	5.00E-10	8.44E-12	0.00E+00	0.00E+00	7.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	672353.7	4341441	1.98E-07	6YrCancerI	1.87E-07	5.40E-09	3.69E-10	6.15E-12	0.00E+00	0.00E+00	5.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	672575	4341441	2.01E-07	6YrCancerI	1.90E-07	5.49E-09	3.75E-10	6.23E-12	0.00E+00	0.00E+00	5.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	668148.8	4341606	3.06E-08	6YrCancerI	2.83E-08	1.08E-09	7.42E-11	8.59E-13	0.00E+00	0.00E+00	1.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	668370.1	4341606	3.41E-08	6YrCancerI	3.15E-08	1.23E-09	8.45E-11	9.78E-13	0.00E+00	0.00E+00	1.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	668591.4	4341606	3.87E-08	6YrCancerI	3.57E-08	1.42E-09	9.71E-11	1.12E-12	0.00E+00	0.00E+00	1.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	668812.7	4341606	4.46E-08	6YrCancerI	4.12E-08	1.65E-09	1.13E-10	1.31E-12	0.00E+00	0.00E+00	1.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	669034	4341606	5.20E-08	6YrCancerI	4.80E-08	1.93E-09	1.32E-10	1.53E-12	0.00E+00	0.00E+00	1.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	669255.3	4341606	6.17E-08	6YrCancerI	5.70E-08	2.30E-09	1.57E-10	1.83E-12	0.00E+00	0.00E+00	2.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	669476.7	4341606	7.55E-08	6YrCancerI	6.96E-08	2.85E-09	1.95E-10	2.25E-12	0.00E+00	0.00E+00	2.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	669698	4341606	8.87E-08	6YrCancerI	8.15E-08	3.46E-09	2.37E-10	2.64E-12	0.00E+00	0.00E+00	3.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	669919.3	4341606	9.29E-08	6YrCancerI	8.47E-08	3.93E-09	2.69E-10	2.71E-12	0.00E+00	0.00E+00	3.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	670140.6	4341606	1.18E-07	6YrCancerI	1.06E-07	5.38E-09	3.69E-10	3.38E-12	0.00E+00	0.00E+00	5.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	670361.9	4341606	1.49E-07	6YrCancerI	1.34E-07	7.19E-09	4.93E-10	4.18E-12	0.00E+00	0.00E+00	7.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	670583.2	4341606	2.09E-07	6YrCancerI	1.89E-07	9.67E-09	6.63E-10	5.79E-12	0.00E+00	0.00E+00	9.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	670804.5	4341606	3.71E-07	6YrCancerI	3.44E-07	1.30E-08	8.90E-10	1.05E-11	0.00E+00	0.00E+00	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	671025.8	4341606	6.12E-07	6YrCancerI	5.77E-07	1.70E-08	1.16E-09	1.78E-11	0.00E+00	0.00E+00	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	671689.8	4341606	3.10E-06	6YrCancerI	2.93E-06	8.19E-08	5.59E-09	9.72E-11	0.00E+00	0.00E+00	7.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	671911.1	4341606	9.37E-07	6YrCancerI	8.86E-07	2.50E-08	1.71E-09	2.94E-11	0.00E+00	0.00E+00	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	672132.4	4341606	4.31E-07	6YrCancerI	4.07E-07	1.17E-08	7.96E-10	1.35E-11	0.00E+00	0.00E+00	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	672353.7	4341606	2.64E-07	6YrCancerI	2.50E-07	7.21E-09	4.93E-10	8.25E-12	0.00E+00	0.00E+00	6.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	672575	4341606	2.26E-07	6YrCancerI	2.14E-07	6.22E-09	4.25E-10	7.03E-12	0.00E+00	0.00E+00	6.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	668148.8	4341771	3.03E-08	6YrCancerI	2.82E-08	1.02E-09	7.01E-11	8.29E-13	0.00E+00	0.00E+00	1.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	668370.1	4341771	3.37E-08	6YrCancerI	3.12E-08	1.19E-09	8.16E-11	9.61E-13	0.00E+00	0.00E+00	1.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	668591.4	4341771	3.74E-08	6YrCancerI	3.47E-08	1.32E-09	9.03E-11	1.08E-12	0.00E+00	0.00E+00	1.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	668812.7	4341771	4.28E-08	6YrCancerI	3.97E-08	1.52E-09	1.04E-10	1.25E-12	0.00E+00	0.00E+00	1.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	669034	4341771	4.99E-08	6YrCancerI	4.62E-08	1.79E-09	1.23E-10	1.47E-12	0.00E+00	0.00E+00	1.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	669255.3	4341771	5.97E-08	6YrCancerI	5.51E-08	2.19E-09	1.50E-10	1.76E-12	0.00E+00	0.00E+00	2.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	669476.7	4341771	6.92E-08	6YrCancerI	6.39E-08	2.51E-09	1.72E-10	2.06E-12	0.00E+00	0.00E+00	2.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	669698	4341771	7.65E-08	6YrCancerI	7.06E-08	2.82E-09	1.93E-10	2.28E-12	0.00E+00	0.00E+00	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	669919.3	4341771	8.01E-08	6YrCancerI	7.35E-08	3.18E-09	2.18E-10	2.34E-12	0.00E+00	0.00E+00	3.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	670140.6	4341771	9.49E-08	6YrCancerI	8.65E-08	4.04E-09	2.77E-10	2.73E-12	0.00E+00	0.00E+00	4.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	670361.9	4341771	1.13E-07	6YrCancerI	1.02E-07	5.22E-09	3.58E-10	3.20E-12	0.00E+00	0.00E+00	5.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	670583.2	4341771	2.14E-07	6YrCancerI	1.92E-07	1.06E-08	7.25E-10	6.11E-12	0.00E+00	0.00E+00	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	670804.5	4341771	4.43E-07	6YrCancerI	4.06E-07	1.77E-08	1.21E-09	1.31E-11	0.00E+00	0.00E+00	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	671025.8	4341771	9.31E-07	6YrCancerI	8.72E-07	2.90E-08	1.99E-09	2.75E-11	0.00E+00	0.00E+00	2.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	671689.8	4341771	2.55E-06	6YrCancerI	2.41E-06	6.77E-08	4.62E-09	8.00E-11	0.00E+00	0.00E+00	6.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	671911.1	4341771	9.69E-07	6YrCancerI	9.16E-07	2.60E-08	1.78E-09	3.03E-11	0.00E+00	0.00E+00	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	672132.4	4341771	4.06E-07	6YrCancerI	3.83E-07	1.10E-08	7.54E-10	1.27E-11	0.00E+00	0.00E+00	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	672353.7	4341771	2.36E-07	6YrCancerI	2.23E-07	6.47E-09	4.42E-10	7.34E-12	0.00E+00	0.00E+00	6.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	672575	4341771	2.24E-07	6YrCancerI	2.12E-07	6.18E-09	4.22E-10	6.94E-12	0.00E+00	0.00E+00	5.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	668148.8	4341936	2.95E-08	6YrCancerI	2.75E-08	9.68E-10	6.63E-11	7.93E-13	0.00E+00	0.00E+00	9.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	668370.1	4341936	3.31E-08	6YrCancerI	3.09E-08	1.10E-09	7.52E-11	9.07E-13	0.00E+00	0.00E+00	1.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	668591.4	4341936	3.69E-08	6YrCancerI	3.43E-08	1.26E-09	8.66E-11	1.05E-12	0.00E+00	0.00E+00	1.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	668812.7	4341936	4.20E-08	6YrCancerI	3.89E-08	1.47E-09	1.01E-10	1.22E-12	0.00E+00	0.00E+00	1.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	669034	4341936	4.88E-08	6YrCancerI	4.52E-08	1.74E-09	1.19E-10	1.43E-12	0.00E+00	0.00E+00	1.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	669255.3	4341936	5.54E-08	6YrCancerI	5.13E-08	1.95E-09	1.33E-10	1.63E-12	0.00E+00	0.00E+00	1.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	669476.7	4341936	5.89E-08	6YrCancerI	5.46E-08	2.09E-09	1.43E-10	1.74E-12	0.00E+00	0.00E+00	2.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	669698	4341936	5.55E-08	6YrCancerI	5.11E-08	2.14E-09	1.47E-10	1.60E-12	0.00E+00	0.00E+00	2.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	669919.3	4341936	5.66E-08	6YrCancerI	5.19E-08	2.29E-09	1.57E-10	1.60E-12	0.00E+00	0.00E+00	2.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	670140.6	4341936	7.00E-08	6YrCancerI	6.41E-08	2.86E-09	1.96E-10	1.98E-12	0.00E+00	0.00E+00	2.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	670361.9	4341936	1.01E-07	6YrCancerI	9.21E-08	4.13E-09	2.83E-10	2.87E-12	0.00E+00	0.00E+00	4.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	670583.2	4341936	2.13E-07	6YrCancerI	1.96E-07	8.19E-09	5.61E-10	6.32E-12	0.00E+00	0.00E+00	8.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	670804.5	4341936	6.05E-07	6YrCancerI	5.60E-07	2.11E-08	1.44E-09	1.83E-11	0.00E+00	0.00E+00	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	671468.4	4341936	5.44E-06	6YrCancerI	5.15E-06	1.45E-07	9.89E-09	1.70E-10	0.00E+00	0.00E+00	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	671689.8	4341936	1.55E-06	6YrCancerI	1.47E-06	4.20E-08	2.87E-09	4.85E-11	0.00E+00	0.00E+00	4.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	671911.1	4341936	7.23E-07	6YrCancerI	6.83E-07	1.97E-08	1.35E-09	2.25E-11	0.00E+00	0.00E+00	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	672132.4	4341936	3.44E-07	6YrCancerI	3.25E-07	9.50E-09	6.49E-10	1.07E-11	0.00E+00	0.00E+00	9.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	672353.7	4341936	2.04E-07	6YrCancerI	1.92E-07	5.67E-09	3.87E-10	6.32E-12	0.00E+00	0.00E+00	5.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	672575	4341936	1.98E-07	6YrCancerI	1.86E-07	5.49E-09	3.75E-10	6.14E-12	0.00E+00	0.00E+00	5.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	668148.8	4342101	3.00E-08	6YrCancerI	2.80E-08	9.55E-10	6.54E-11	7.82E-13	0.00E+00	0.00E+00	9.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	668370.1	4342101	3.37E-08	6YrCancerI	3.14E-08	1.09E-09	7.48E-11	8.99E-13	0.00E+00	0.00E+00	1.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	668591.4	4342101	3.69E-08	6YrCancerI	3.43E-08	1.26E-09	8.65E-11	1.04E-12	0.00E+00	0.00E+00	1.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	668812.7	4342101	4.15E-08	6YrCancerI	3.85E-08	1.44E-09	9.83E-11	1.19E-12	0.00E+00	0.00E+00	1.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	669034	4342101	4.81E-08	6YrCancerI	4.46E-08	1.69E-09	1.16E-10	1.39E-12	0.00E+00	0.00E+00	1.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	669255.3	4342101	5.34E-08	6YrCancerI	4.95E-08	1.89E-09	1.30E-10	1.55E-12	0.00E+00	0.00E+00	1.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	669476.7	4342101	5.51E-08	6YrCancerI	5.11E-08	1.95E-09	1.33E-10	1.61E-12	0.00E+00	0.00E+00	1.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	669698	4342101	6.04E-08	6YrCancerI	5.59E-08	2.18E-09	1.49E-10	1.76E-12	0.00E+00	0.00E+00	2.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	669919.3	4342101	7.35E-08	6YrCancerI	6.79E-08	2.67E-09	1.83E-10	2.14E-12	0.00E+00	0.00E+00	2.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	670140.6	4342101	8.56E-08	6YrCancerI	7.90E-08	3.18E-09	2.18E-10	2.45E-12	0.00E+00	0.00E+00	3.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	670361.9	4342101	1.82E-07	6YrCancerI	1.70E-07	6.05E-09	4.14E-10	5.57E-12	0.00E+00	0.00E+00	6.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	670583.2	4342101	3.14E-07	6YrCancerI	2.93E-07	1.03E-08	7.03E-10	9.66E-12	0.00E+00	0.00E+00	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	671468.4	4342101	2.29E-06	6YrCancerI	2.16E-06	6.33E-08	4.32E-09	7.12E-11	0.00E+00	0.00E+00	6.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	671689.8	4342101	1.01E-06	6YrCancerI	9.53E-07	2.80E-08	1.91E-09	3.14E-11	0.00E+00	0.00E+00	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	671911.1	4342101	5.40E-07	6YrCancerI	5.09E-07	1.50E-08	1.03E-09	1.67E-11	0.00E+00	0.00E+00	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	672132.4	4342101	3.06E-07	6YrCancerI	2.88E-07	8.57E-09	5.85E-10	9.47E-12	0.00E+00	0.00E+00	8.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	672353.7	4342101	1.90E-07	6YrCancerI	1.79E-07	5.34E-09	3.65E-10	5.87E-12	0.00E+00	0.00E+00	5.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	672575	4342101	1.79E-07	6YrCancerI	1.69E-07	5.01E-09	3.42E-10	5.55E-12	0.00E+00	0.00E+00	4.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	668148.8	4342266	3.14E-08	6YrCancerI	2.94E-08	9.59E-10	6.56E-11	7.75E-13	0.00E+00	0.00E+00	9.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	668370.1	4342266	3.48E-08	6YrCancerI	3.26E-08	1.10E-09	7.52E-11	8.91E-13	0.00E+00	0.00E+00	1.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	668591.4	4342266	3.81E-08	6YrCancerI	3.56E-08	1.21E-09	8.26E-11	9.91E-13	0.00E+00	0.00E+00	1.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

182	ALL	668812.7	4342266	4.22E-08	6YrCancerI	3.93E-08	1.38E-09	9.47E-11	1.15E-12	0.00E+00	0.00E+00	1.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	669034	4342266	4.79E-08	6YrCancerI	4.46E-08	1.59E-09	1.09E-10	1.34E-12	0.00E+00	0.00E+00	1.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	669255.3	4342266	5.67E-08	6YrCancerI	5.27E-08	1.92E-09	1.31E-10	1.64E-12	0.00E+00	0.00E+00	1.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	669476.7	4342266	6.84E-08	6YrCancerI	6.35E-08	2.34E-09	1.60E-10	2.02E-12	0.00E+00	0.00E+00	2.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	669698	4342266	8.39E-08	6YrCancerI	7.78E-08	2.93E-09	2.01E-10	2.52E-12	0.00E+00	0.00E+00	2.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	669919.3	4342266	1.08E-07	6YrCancerI	1.01E-07	3.77E-09	2.58E-10	3.31E-12	0.00E+00	0.00E+00	3.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	670140.6	4342266	1.41E-07	6YrCancerI	1.31E-07	4.84E-09	3.32E-10	4.34E-12	0.00E+00	0.00E+00	4.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	670361.9	4342266	2.06E-07	6YrCancerI	1.91E-07	6.87E-09	4.70E-10	6.35E-12	0.00E+00	0.00E+00	7.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	670583.2	4342266	3.13E-07	6YrCancerI	2.91E-07	1.03E-08	7.06E-10	9.65E-12	0.00E+00	0.00E+00	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	670804.5	4342266	5.54E-07	6YrCancerI	5.15E-07	1.83E-08	1.25E-09	1.69E-11	0.00E+00	0.00E+00	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	671025.8	4342266	1.01E-06	6YrCancerI	9.33E-07	3.68E-08	2.52E-09	3.01E-11	0.00E+00	0.00E+00	3.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	671247.1	4342266	1.77E-06	6YrCancerI	1.65E-06	5.54E-08	3.79E-09	5.39E-11	0.00E+00	0.00E+00	5.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	671468.4	4342266	1.43E-06	6YrCancerI	1.35E-06	4.01E-08	2.74E-09	4.43E-11	0.00E+00	0.00E+00	3.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	671689.8	4342266	7.72E-07	6YrCancerI	7.28E-07	2.16E-08	1.48E-09	2.40E-11	0.00E+00	0.00E+00	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	671911.1	4342266	4.14E-07	6YrCancerI	3.90E-07	1.17E-08	8.01E-10	1.28E-11	0.00E+00	0.00E+00	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	672132.4	4342266	2.73E-07	6YrCancerI	2.57E-07	7.75E-09	5.30E-10	8.45E-12	0.00E+00	0.00E+00	7.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	672353.7	4342266	1.87E-07	6YrCancerI	1.76E-07	5.32E-09	3.64E-10	5.79E-12	0.00E+00	0.00E+00	5.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	672575	4342266	1.70E-07	6YrCancerI	1.61E-07	4.83E-09	3.30E-10	5.24E-12	0.00E+00	0.00E+00	4.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	668148.8	4342431	3.09E-08	6YrCancerI	2.89E-08	9.52E-10	6.52E-11	7.52E-13	0.00E+00	0.00E+00	9.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	668370.1	4342431	3.66E-08	6YrCancerI	3.44E-08	1.10E-09	7.50E-11	8.78E-13	0.00E+00	0.00E+00	1.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	668591.4	4342431	4.07E-08	6YrCancerI	3.82E-08	1.21E-09	8.31E-11	9.79E-13	0.00E+00	0.00E+00	1.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	668812.7	4342431	4.67E-08	6YrCancerI	4.38E-08	1.39E-09	9.50E-11	1.13E-12	0.00E+00	0.00E+00	1.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	669034	4342431	5.37E-08	6YrCancerI	5.03E-08	1.60E-09	1.10E-10	1.34E-12	0.00E+00	0.00E+00	1.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	669255.3	4342431	6.13E-08	6YrCancerI	5.73E-08	1.90E-09	1.30E-10	1.62E-12	0.00E+00	0.00E+00	1.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	669476.7	4342431	7.09E-08	6YrCancerI	6.60E-08	2.35E-09	1.61E-10	2.06E-12	0.00E+00	0.00E+00	2.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	669698	4342431	8.64E-08	6YrCancerI	8.04E-08	2.89E-09	1.98E-10	2.58E-12	0.00E+00	0.00E+00	2.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	669919.3	4342431	1.10E-07	6YrCancerI	1.02E-07	3.70E-09	2.53E-10	3.35E-12	0.00E+00	0.00E+00	3.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	670140.6	4342431	1.43E-07	6YrCancerI	1.33E-07	4.80E-09	3.28E-10	4.39E-12	0.00E+00	0.00E+00	4.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	670361.9	4342431	2.01E-07	6YrCancerI	1.87E-07	6.72E-09	4.60E-10	6.18E-12	0.00E+00	0.00E+00	6.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	670583.2	4342431	3.06E-07	6YrCancerI	2.85E-07	1.04E-08	7.10E-10	9.37E-12	0.00E+00	0.00E+00	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	670804.5	4342431	5.14E-07	6YrCancerI	4.77E-07	1.80E-08	1.23E-09	1.56E-11	0.00E+00	0.00E+00	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	671025.8	4342431	8.09E-07	6YrCancerI	7.47E-07	2.95E-08	2.02E-09	2.44E-11	0.00E+00	0.00E+00	2.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	671247.1	4342431	9.82E-07	6YrCancerI	9.18E-07	3.12E-08	2.14E-09	2.99E-11	0.00E+00	0.00E+00	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	671468.4	4342431	9.12E-07	6YrCancerI	8.59E-07	2.61E-08	1.78E-09	2.82E-11	0.00E+00	0.00E+00	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	671689.8	4342431	5.69E-07	6YrCancerI	5.36E-07	1.61E-08	1.10E-09	1.76E-11	0.00E+00	0.00E+00	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	671911.1	4342431	3.30E-07	6YrCancerI	3.11E-07	9.38E-09	6.41E-10	1.02E-11	0.00E+00	0.00E+00	9.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	672132.4	4342431	2.28E-07	6YrCancerI	2.15E-07	6.50E-09	4.44E-10	7.05E-12	0.00E+00	0.00E+00	6.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	672353.7	4342431	1.96E-07	6YrCancerI	1.85E-07	5.56E-09	3.80E-10	6.05E-12	0.00E+00	0.00E+00	5.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	672575	4342431	1.55E-07	6YrCancerI	1.46E-07	4.41E-09	3.01E-10	4.76E-12	0.00E+00	0.00E+00	4.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	668148.8	4342596	3.33E-08	6YrCancerI	3.12E-08	1.00E-09	6.87E-11	7.85E-13	0.00E+00	0.00E+00	1.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	668370.1	4342596	3.89E-08	6YrCancerI	3.66E-08	1.12E-09	7.70E-11	8.89E-13	0.00E+00	0.00E+00	1.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	668591.4	4342596	4.61E-08	6YrCancerI	4.35E-08	1.28E-09	8.78E-11	1.03E-12	0.00E+00	0.00E+00	1.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	668812.7	4342596	5.47E-08	6YrCancerI	5.17E-08	1.48E-09	1.01E-10	1.20E-12	0.00E+00	0.00E+00	1.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	669034	4342596	6.33E-08	6YrCancerI	5.98E-08	1.72E-09	1.18E-10	1.42E-12	0.00E+00	0.00E+00	1.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	669255.3	4342596	6.96E-08	6YrCancerI	6.54E-08	2.02E-09	1.39E-10	1.71E-12	0.00E+00	0.00E+00	2.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	669476.7	4342596	7.69E-08	6YrCancerI	7.20E-08	2.38E-09	1.63E-10	2.05E-12	0.00E+00	0.00E+00	2.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	669698	4342596	8.87E-08	6YrCancerI	8.26E-08	2.96E-09	2.03E-10	2.62E-12	0.00E+00	0.00E+00	3.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	669919.3	4342596	1.08E-07	6YrCancerI	1.01E-07	3.62E-09	2.48E-10	3.25E-12	0.00E+00	0.00E+00	3.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	670140.6	4342596	1.45E-07	6YrCancerI	1.35E-07	4.91E-09	3.36E-10	4.42E-12	0.00E+00	0.00E+00	5.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	670361.9	4342596	2.06E-07	6YrCancerI	1.91E-07	7.26E-09	4.97E-10	6.30E-12	0.00E+00	0.00E+00	7.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	670583.2	4342596	2.57E-07	6YrCancerI	2.38E-07	9.35E-09	6.40E-10	7.61E-12	0.00E+00	0.00E+00	9.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	670804.5	4342596	3.95E-07	6YrCancerI	3.65E-07	1.44E-08	9.87E-10	1.18E-11	0.00E+00	0.00E+00	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	671025.8	4342596	5.94E-07	6YrCancerI	5.50E-07	2.10E-08	1.44E-09	1.79E-11	0.00E+00	0.00E+00	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	671247.1	4342596	7.20E-07	6YrCancerI	6.73E-07	2.29E-08	1.56E-09	2.20E-11	0.00E+00	0.00E+00	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	671468.4	4342596	6.16E-07	6YrCancerI	5.80E-07	1.79E-08	1.22E-09	1.90E-11	0.00E+00	0.00E+00	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	671689.8	4342596	4.11E-07	6YrCancerI	3.87E-07	1.17E-08	7.96E-10	1.27E-11	0.00E+00	0.00E+00	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	671911.1	4342596	2.54E-07	6YrCancerI	2.40E-07	7.26E-09	4.96E-10	7.86E-12	0.00E+00	0.00E+00	7.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	672132.4	4342596	1.83E-07	6YrCancerI	1.73E-07	5.25E-09	3.59E-10	5.65E-12	0.00E+00	0.00E+00	5.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	672353.7	4342596	1.63E-07	6YrCancerI	1.53E-07	4.64E-09	3.17E-10	5.02E-12	0.00E+00	0.00E+00	4.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	672575	4342596	1.38E-07	6YrCancerI	1.30E-07	3.93E-09	2.69E-10	4.22E-12	0.00E+00	0.00E+00	3.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	668148.8	4342761	3.69E-08	6YrCancerI	3.46E-08	1.08E-09	7.38E-11	8.42E-13	0.00E+00	0.00E+00	1.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	668370.1	4342761	4.66E-08	6YrCancerI	4.41E-08	1.22E-09	8.39E-11	9.68E-13	0.00E+00	0.00E+00	1.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	668591.4	4342761	5.58E-08	6YrCancerI	5.30E-08	1.38E-09	9.42E-11	1.10E-12	0.00E+00	0.00E+00	1.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	668812.7	4342761	6.92E-08	6YrCancerI	6.59E-08	1.58E-09	1.09E-10	1.28E-12	0.00E+00	0.00E+00	1.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	669034	4342761	7.48E-08	6YrCancerI	7.10E-08	1.84E-09	1.26E-10	1.52E-12	0.00E+00	0.00E+00	1.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	669255.3	4342761	7.68E-08	6YrCancerI	7.24E-08	2.13E-09	1.46E-10	1.80E-12	0.00E+00	0.00E+00	2.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	669476.7	4342761	8.16E-08	6YrCancerI	7.65E-08	2.43E-09	1.66E-10	2.09E-12	0.00E+00	0.00E+00	2.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	669698	4342761	9.27E-08	6YrCancerI	8.62E-08	3.14E-09	2.15E-10	2.70E-12	0.00E+00	0.00E+00	3.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	669919.3	4342761	1.13E-07	6YrCancerI	1.05E-07	3.89E-09	2.66E-10	3.39E-12	0.00E+00	0.00E+00	3.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	670140.6	4342761	1.44E-07	6YrCancerI	1.34E-07	4.99E-09	3.41E-10	4.32E-12	0.00E+00	0.00E+00	5.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	670361.9	4342761	2.02E-07	6YrCancerI	1.88E-07	7.06E-09	4.83E-10	6.07E-12	0.00E+00	0.00E+00	7.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	670583.2	4342761	2.33E-07	6YrCancerI	2.15E-07	8.61E-09	5.90E-10	6.86E-12	0.00E+00	0.00E+00	8.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	670804.5	4342761	3.17E-07	6YrCancerI	2.93E-07	1.15E-08	7.88E-10	9.43E-12	0.00E+00	0.00E+00	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	671025.8	4342761	4.27E-07	6YrCancerI	3.97E-07	1.48E-08	1.01E-09	1.29E-11	0.00E+00	0.00E+00	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	671247.1	4342761	4.92E-07	6YrCancerI	4.60E-07	1.56E-08	1.07E-09	1.50E-11	0.00E+00	0.00E+00	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	671468.4	4342761	4.54E-07	6YrCancerI	4.27E-07	1.34E-08	9.18E-10	1.40E-11	0.00E+00	0.00E+00	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	671689.8	4342761	3.36E-07	6YrCancerI	3.16E-07	9.60E-09	6.56E-10	1.04E-11	0.00E+00	0.00E+00	9.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	671911.1	4342761	2.08E-07	6YrCancerI	1.96E-07	5.93E-09	4.05E-10	6.42E-12	0.00E+00	0.00E+00	5.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	672132.4	4342761	1.51E-07	6YrCancerI	1.42E-07	4.36E-09	2.98E-10	4.66E-12	0.00E+00	0.00E+00	4.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	672353.7	4342761	1.35E-07	6YrCancerI	1.27E-07	3.86E-09	2.64E-10	4.15E-12	0.00E+00	0.00E+00	3.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	672575	4342761	1.12E-07	6YrCancerI	1.06E-07	3.21E-09	2.19E-10	3.45E-12	0.00E+00	0.00E+00	3.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	668148.8	4342926	3.93E-08	6YrCancerI	3.70E-08	1.14E-09	7.80E-11	8.84E-13	0.00E+00	0.00E+00	1.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	668370.1	4342926	5.14E-08	6YrCancerI	4.87E-08	1.28E-09	8.78E-11	1.01E-12	0.00E+00	0.00E+00	1.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	668591.4	4342926	7.37E-08	6YrCancerI	7.07E-08	1.46E-09	9.97E-11	1.16E-12	0.00E+00	0.00E+00	1.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	668812.7	4342926	1.02E-07	6YrCancerI	9.83E-08	1.63E-09	1.11E-10	1.31E-12	0.00E+00	0.00E+00	1.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	669034	4342926	1.55E-07	6YrCancerI	1.52E-07	1.84E-09	1.26E-10	1.52E-12	0.00E+00	0.00E+00	1.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	669476.7	4342926	9.00E-08	6YrCancerI	8.49E-08	2.44E-09	1.67E-10	2.10E-12	0.00E+00	0.00E+00	2.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	669698	4342926	9.53E-08	6YrCancerI	8.86E-08	3.22E-09	2.20E-10	2.71E-12	0.00E+00	0.00E+00	3.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	669919.3	4342926	1.12E-07	6YrCancerI	1.04E-07	3.88E-09	2.66E-10	3.29E-12	0.00E+00	0.00E+00	3.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	670140.6	4342926	1.42E-07	6YrCancerI	1.32E-07	5.02E-09	3.44E-10	4.20E-12	0.00E+00	0.00E+00	5.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	670361.9	4342926	1.83E-07	6YrCancerI	1.70E-07	6.58E-09	4.51E-10	5.43E-12	0.00E+00	0.00E+00	6.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

273	ALL	670583.2	4342926	2.36E-07	6YrCancerI	2.19E-07	8.50E-09	5.82E-10	7.09E-12	0.00E+00	0.00E+00	8.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	670804.5	4342926	2.84E-07	6YrCancerI	2.64E-07	1.00E-08	6.86E-10	8.54E-12	0.00E+00	0.00E+00	9.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	671025.8	4342926	3.08E-07	6YrCancerI	2.87E-07	1.04E-08	7.14E-10	9.31E-12	0.00E+00	0.00E+00	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	671247.1	4342926	3.75E-07	6YrCancerI	3.51E-07	1.18E-08	8.08E-10	1.14E-11	0.00E+00	0.00E+00	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	671468.4	4342926	3.38E-07	6YrCancerI	3.18E-07	1.00E-08	6.87E-10	1.04E-11	0.00E+00	0.00E+00	9.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	671689.8	4342926	2.67E-07	6YrCancerI	2.52E-07	7.71E-09	5.27E-10	8.25E-12	0.00E+00	0.00E+00	7.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	671911.1	4342926	1.79E-07	6YrCancerI	1.69E-07	5.12E-09	3.50E-10	5.52E-12	0.00E+00	0.00E+00	4.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	672132.4	4342926	1.21E-07	6YrCancerI	1.14E-07	3.46E-09	2.37E-10	3.72E-12	0.00E+00	0.00E+00	3.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	672353.7	4342926	1.03E-07	6YrCancerI	9.69E-08	2.98E-09	2.04E-10	3.16E-12	0.00E+00	0.00E+00	2.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	672575	4342926	9.31E-08	6YrCancerI	8.76E-08	2.68E-09	1.83E-10	2.87E-12	0.00E+00	0.00E+00	2.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	668148.8	4343090	3.86E-08	6YrCancerI	3.62E-08	1.15E-09	7.87E-11	8.84E-13	0.00E+00	0.00E+00	1.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	668370.1	4343090	5.08E-08	6YrCancerI	4.82E-08	1.28E-09	8.74E-11	9.97E-13	0.00E+00	0.00E+00	1.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	668591.4	4343090	9.23E-08	6YrCancerI	8.93E-08	1.45E-09	9.93E-11	1.16E-12	0.00E+00	0.00E+00	1.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	669476.7	4343090	1.01E-07	6YrCancerI	9.59E-08	2.42E-09	1.66E-10	2.08E-12	0.00E+00	0.00E+00	2.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	669698	4343090	9.42E-08	6YrCancerI	8.79E-08	3.03E-09	2.08E-10	2.60E-12	0.00E+00	0.00E+00	3.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	669919.3	4343090	1.14E-07	6YrCancerI	1.05E-07	3.98E-09	2.72E-10	3.33E-12	0.00E+00	0.00E+00	3.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	670140.6	4343090	1.47E-07	6YrCancerI	1.36E-07	5.24E-09	3.58E-10	4.38E-12	0.00E+00	0.00E+00	5.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	670361.9	4343090	1.71E-07	6YrCancerI	1.58E-07	6.24E-09	4.27E-10	5.12E-12	0.00E+00	0.00E+00	6.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	670583.2	4343090	1.99E-07	6YrCancerI	1.85E-07	7.11E-09	4.87E-10	6.01E-12	0.00E+00	0.00E+00	7.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	670804.5	4343090	2.44E-07	6YrCancerI	2.26E-07	8.44E-09	5.78E-10	7.35E-12	0.00E+00	0.00E+00	8.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	671025.8	4343090	2.47E-07	6YrCancerI	2.31E-07	8.22E-09	5.63E-10	7.48E-12	0.00E+00	0.00E+00	8.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	671247.1	4343090	2.91E-07	6YrCancerI	2.73E-07	9.15E-09	6.26E-10	8.91E-12	0.00E+00	0.00E+00	8.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	671468.4	4343090	2.67E-07	6YrCancerI	2.50E-07	7.98E-09	5.45E-10	8.20E-12	0.00E+00	0.00E+00	7.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	671689.8	4343090	2.16E-07	6YrCancerI	2.03E-07	6.28E-09	4.29E-10	6.67E-12	0.00E+00	0.00E+00	6.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	671911.1	4343090	1.54E-07	6YrCancerI	1.45E-07	4.42E-09	3.02E-10	4.75E-12	0.00E+00	0.00E+00	4.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	672132.4	4343090	1.09E-07	6YrCancerI	1.02E-07	3.12E-09	2.13E-10	3.35E-12	0.00E+00	0.00E+00	3.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	672353.7	4343090	7.74E-08	6YrCancerI	7.29E-08	2.23E-09	1.52E-10	2.38E-12	0.00E+00	0.00E+00	2.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	672575	4343090	6.73E-08	6YrCancerI	6.33E-08	1.96E-09	1.34E-10	2.06E-12	0.00E+00	0.00E+00	1.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	668148.8	4343255	3.80E-08	6YrCancerI	3.56E-08	1.15E-09	7.88E-11	8.90E-13	0.00E+00	0.00E+00	1.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	668370.1	4343255	4.95E-08	6YrCancerI	4.69E-08	1.26E-09	8.60E-11	9.90E-13	0.00E+00	0.00E+00	1.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	668591.4	4343255	9.93E-08	6YrCancerI	9.64E-08	1.39E-09	9.51E-11	1.12E-12	0.00E+00	0.00E+00	1.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	669476.7	4343255	9.24E-08	6YrCancerI	8.72E-08	2.51E-09	1.72E-10	2.12E-12	0.00E+00	0.00E+00	2.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	669698	4343255	9.30E-08	6YrCancerI	8.66E-08	3.07E-09	2.10E-10	2.59E-12	0.00E+00	0.00E+00	3.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	669919.3	4343255	1.10E-07	6YrCancerI	1.02E-07	3.86E-09	2.64E-10	3.21E-12	0.00E+00	0.00E+00	3.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	670140.6	4343255	1.30E-07	6YrCancerI	1.21E-07	4.69E-09	3.21E-10	3.88E-12	0.00E+00	0.00E+00	4.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	670361.9	4343255	1.49E-07	6YrCancerI	1.38E-07	5.30E-09	3.63E-10	4.46E-12	0.00E+00	0.00E+00	5.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	670583.2	4343255	1.71E-07	6YrCancerI	1.58E-07	5.94E-09	4.07E-10	5.14E-12	0.00E+00	0.00E+00	5.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	670804.5	4343255	2.07E-07	6YrCancerI	1.93E-07	7.11E-09	4.87E-10	6.28E-12	0.00E+00	0.00E+00	6.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	671025.8	4343255	2.06E-07	6YrCancerI	1.92E-07	6.75E-09	4.62E-10	6.23E-12	0.00E+00	0.00E+00	6.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	671247.1	4343255	2.31E-07	6YrCancerI	2.16E-07	7.21E-09	4.93E-10	7.06E-12	0.00E+00	0.00E+00	7.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	671468.4	4343255	2.19E-07	6YrCancerI	2.05E-07	6.58E-09	4.50E-10	6.71E-12	0.00E+00	0.00E+00	6.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	671689.8	4343255	1.79E-07	6YrCancerI	1.68E-07	5.23E-09	3.57E-10	5.51E-12	0.00E+00	0.00E+00	5.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	671911.1	4343255	1.33E-07	6YrCancerI	1.26E-07	3.85E-09	2.63E-10	4.11E-12	0.00E+00	0.00E+00	3.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	672132.4	4343255	9.68E-08	6YrCancerI	9.11E-08	2.79E-09	1.90E-10	2.98E-12	0.00E+00	0.00E+00	2.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	672353.7	4343255	7.17E-08	6YrCancerI	6.75E-08	2.07E-09	1.41E-10	2.20E-12	0.00E+00	0.00E+00	2.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	672575	4343255	5.37E-08	6YrCancerI	5.05E-08	1.55E-09	1.06E-10	1.65E-12	0.00E+00	0.00E+00	1.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	668148.8	4343420	3.77E-08	6YrCancerI	3.54E-08	1.14E-09	7.83E-11	8.98E-13	0.00E+00	0.00E+00	1.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	668370.1	4343420	4.83E-08	6YrCancerI	4.58E-08	1.23E-09	8.45E-11	9.87E-13	0.00E+00	0.00E+00	1.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	668591.4	4343420	8.17E-08	6YrCancerI	7.90E-08	1.35E-09	9.22E-11	1.09E-12	0.00E+00	0.00E+00	1.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	668812.7	4343420	1.71E-07	6YrCancerI	1.68E-07	1.52E-09	1.04E-10	1.26E-12	0.00E+00	0.00E+00	1.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	669034	4343420	2.05E-07	6YrCancerI	2.02E-07	1.75E-09	1.20E-10	1.45E-12	0.00E+00	0.00E+00	1.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	669255.3	4343420	1.32E-07	6YrCancerI	1.27E-07	2.05E-09	1.40E-10	1.70E-12	0.00E+00	0.00E+00	2.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	669476.7	4343420	9.33E-08	6YrCancerI	8.83E-08	2.43E-09	1.67E-10	2.03E-12	0.00E+00	0.00E+00	2.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	669698	4343420	9.05E-08	6YrCancerI	8.41E-08	3.08E-09	2.11E-10	2.55E-12	0.00E+00	0.00E+00	3.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	669919.3	4343420	1.03E-07	6YrCancerI	9.58E-08	3.63E-09	2.49E-10	3.03E-12	0.00E+00	0.00E+00	3.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	670140.6	4343420	1.15E-07	6YrCancerI	1.07E-07	4.05E-09	2.77E-10	3.42E-12	0.00E+00	0.00E+00	4.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	670361.9	4343420	1.30E-07	6YrCancerI	1.20E-07	4.55E-09	3.11E-10	3.88E-12	0.00E+00	0.00E+00	4.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	670583.2	4343420	1.49E-07	6YrCancerI	1.38E-07	5.12E-09	3.50E-10	4.49E-12	0.00E+00	0.00E+00	5.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	670804.5	4343420	1.78E-07	6YrCancerI	1.66E-07	6.03E-09	4.13E-10	5.40E-12	0.00E+00	0.00E+00	5.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	671025.8	4343420	1.89E-07	6YrCancerI	1.76E-07	6.15E-09	4.20E-10	5.72E-12	0.00E+00	0.00E+00	6.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	671247.1	4343420	2.02E-07	6YrCancerI	1.89E-07	6.30E-09	4.31E-10	6.16E-12	0.00E+00	0.00E+00	6.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	671468.4	4343420	1.79E-07	6YrCancerI	1.68E-07	5.39E-09	3.69E-10	5.48E-12	0.00E+00	0.00E+00	5.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	671689.8	4343420	1.52E-07	6YrCancerI	1.43E-07	4.47E-09	3.06E-10	4.68E-12	0.00E+00	0.00E+00	4.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	671911.1	4343420	1.18E-07	6YrCancerI	1.11E-07	3.41E-09	2.33E-10	3.62E-12	0.00E+00	0.00E+00	3.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	672132.4	4343420	8.57E-08	6YrCancerI	8.06E-08	2.47E-09	1.69E-10	2.63E-12	0.00E+00	0.00E+00	2.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	672353.7	4343420	6.42E-08	6YrCancerI	6.05E-08	1.85E-09	1.27E-10	1.97E-12	0.00E+00	0.00E+00	1.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	672575	4343420	4.94E-08	6YrCancerI	4.65E-08	1.43E-09	9.76E-11	1.52E-12	0.00E+00	0.00E+00	1.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	668148.8	4343585	3.83E-08	6YrCancerI	3.59E-08	1.15E-09	7.84E-11	9.07E-13	0.00E+00	0.00E+00	1.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	668370.1	4343585	4.94E-08	6YrCancerI	4.69E-08	1.25E-09	8.53E-11	1.00E-12	0.00E+00	0.00E+00	1.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	668591.4	4343585	7.11E-08	6YrCancerI	6.83E-08	1.35E-09	9.26E-11	1.10E-12	0.00E+00	0.00E+00	1.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	668812.7	4343585	1.15E-07	6YrCancerI	1.12E-07	1.55E-09	1.06E-10	1.28E-12	0.00E+00	0.00E+00	1.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	669034	4343585	1.24E-07	6YrCancerI	1.21E-07	1.81E-09	1.24E-10	1.49E-12	0.00E+00	0.00E+00	1.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	669255.3	4343585	9.68E-08	6YrCancerI	9.25E-08	2.11E-09	1.44E-10	1.74E-12	0.00E+00	0.00E+00	2.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	669476.7	4343585	8.26E-08	6YrCancerI	7.75E-08	2.47E-09	1.69E-10	2.05E-12	0.00E+00	0.00E+00	2.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	669698	4343585	8.64E-08	6YrCancerI	8.06E-08	2.84E-09	1.94E-10	2.37E-12	0.00E+00	0.00E+00	2.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	669919.3	4343585	9.44E-08	6YrCancerI	8.77E-08	3.25E-09	2.23E-10	2.74E-12	0.00E+00	0.00E+00	3.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	670140.6	4343585	1.04E-07	6YrCancerI	9.63E-08	3.62E-09	2.48E-10	3.07E-12	0.00E+00	0.00E+00	3.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	670361.9	4343585	1.15E-07	6YrCancerI	1.07E-07	4.00E-09	2.74E-10	3.45E-12	0.00E+00	0.00E+00	3.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	670583.2	4343585	1.32E-07	6YrCancerI	1.23E-07	4.49E-09	3.07E-10	3.97E-12	0.00E+00	0.00E+00	4.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	670804.5	4343585	1.53E-07	6YrCancerI	1.43E-07	5.08E-09	3.48E-10	4.65E-12	0.00E+00	0.00E+00	4.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	671025.8	4343585	1.75E-07	6YrCancerI	1.64E-07	5.65E-09	3.87E-10	5.35E-12	0.00E+00	0.00E+00	5.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	671247.1	4343585	1.71E-07	6YrCancerI	1.60E-07	5.32E-09	3.64E-10	5.21E-12	0.00E+00	0.00E+00	5.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	671468.4	4343585	1.56E-07	6YrCancerI	1.46E-07	4.73E-09	3.23E-10	4.77E-12	0.00E+00	0.00E+00	4.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	671689.8	4343585	1.37E-07	6YrCancerI	1.29E-07	4.06E-09	2.78E-10	4.21E-12	0.00E+00	0.00E+00	3.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	671911.1	4343585	1.07E-07	6YrCancerI	1.01E-07	3.14E-09	2.14E-10	3.31E-12	0.00E+00	0.00E+00	3.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	672132.4	4343585	8.00E-08	6YrCancerI	7.52E-08	2.32E-09	1.59E-10	2.46E-12	0.00E+00	0.00E+00	2.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	672353.7	4343585	5.99E-08	6YrCancerI	5.64E-08	1.73E-09	1.18E-10	1.84E-12	0.00E+00	0.00E+00	1.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	672575	4343585	4.63E-08	6YrCancerI	4.36E-08	1.34E-09	9.17E-11	1.42E-12	0.00E+00	0.00E+00	1.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	668148.8	4343750	3.88E-08	6YrCancerI	3.65E-08	1.12E-09	7.70E-11	8.96E-13	0.00E+00	0.00E+00	1.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	668370.1	4343750	4.79E-08	6YrCancerI	4.53E-08	1.27E-09	8.70E-11	1.02E-12	0.00E+00	0.00E+00	1.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	668591.4	4343750	6.67E-08	6YrCancerI	6.37E-08	1.41E-09	9.65E-11	1.14E-12	0.00E+00	0.00E+00	1.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

364	ALL	668812.7	4343750	8.80E-08	6YrCancerI	8.47E-08	1.59E-09	1.09E-10	1.29E-12	0.00E+00	0.00E+00	1.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	669034	4343750	9.17E-08	6YrCancerI	8.78E-08	1.90E-09	1.30E-10	1.53E-12	0.00E+00	0.00E+00	1.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	669255.3	4343750	8.31E-08	6YrCancerI	7.86E-08	2.18E-09	1.49E-10	1.77E-12	0.00E+00	0.00E+00	2.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	669476.7	4343750	7.80E-08	6YrCancerI	7.30E-08	2.44E-09	1.67E-10	2.01E-12	0.00E+00	0.00E+00	2.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	669698	4343750	8.12E-08	6YrCancerI	7.56E-08	2.74E-09	1.87E-10	2.28E-12	0.00E+00	0.00E+00	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	669919.3	4343750	8.71E-08	6YrCancerI	8.09E-08	3.01E-09	2.06E-10	2.53E-12	0.00E+00	0.00E+00	2.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	670140.6	4343750	9.41E-08	6YrCancerI	8.73E-08	3.28E-09	2.24E-10	2.78E-12	0.00E+00	0.00E+00	3.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	670361.9	4343750	1.05E-07	6YrCancerI	9.71E-08	3.62E-09	2.47E-10	3.13E-12	0.00E+00	0.00E+00	3.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	670583.2	4343750	1.17E-07	6YrCancerI	1.09E-07	3.95E-09	2.70E-10	3.53E-12	0.00E+00	0.00E+00	3.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	670804.5	4343750	1.33E-07	6YrCancerI	1.24E-07	4.37E-09	2.99E-10	4.05E-12	0.00E+00	0.00E+00	4.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	671025.8	4343750	1.50E-07	6YrCancerI	1.40E-07	4.78E-09	3.27E-10	4.59E-12	0.00E+00	0.00E+00	4.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	671247.1	4343750	1.60E-07	6YrCancerI	1.50E-07	4.96E-09	3.39E-10	4.90E-12	0.00E+00	0.00E+00	4.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	671468.4	4343750	1.49E-07	6YrCancerI	1.39E-07	4.53E-09	3.10E-10	4.56E-12	0.00E+00	0.00E+00	4.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	671689.8	4343750	1.36E-07	6YrCancerI	1.28E-07	4.08E-09	2.79E-10	4.20E-12	0.00E+00	0.00E+00	3.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	671911.1	4343750	1.08E-07	6YrCancerI	1.02E-07	3.21E-09	2.20E-10	3.33E-12	0.00E+00	0.00E+00	3.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	672132.4	4343750	7.86E-08	6YrCancerI	7.39E-08	2.30E-09	1.58E-10	2.41E-12	0.00E+00	0.00E+00	2.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	672353.7	4343750	5.76E-08	6YrCancerI	5.42E-08	1.68E-09	1.15E-10	1.77E-12	0.00E+00	0.00E+00	1.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	672575	4343750	4.50E-08	6YrCancerI	4.23E-08	1.31E-09	8.93E-11	1.38E-12	0.00E+00	0.00E+00	1.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	668148.8	4343915	3.83E-08	6YrCancerI	3.60E-08	1.11E-09	7.60E-11	8.87E-13	0.00E+00	0.00E+00	1.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	668370.1	4343915	4.74E-08	6YrCancerI	4.47E-08	1.27E-09	8.70E-11	1.02E-12	0.00E+00	0.00E+00	1.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	668591.4	4343915	6.01E-08	6YrCancerI	5.71E-08	1.46E-09	9.99E-11	1.16E-12	0.00E+00	0.00E+00	1.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	668812.7	4343915	7.34E-08	6YrCancerI	7.00E-08	1.64E-09	1.12E-10	1.32E-12	0.00E+00	0.00E+00	1.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	669034	4343915	7.80E-08	6YrCancerI	7.40E-08	1.92E-09	1.31E-10	1.53E-12	0.00E+00	0.00E+00	1.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	669255.3	4343915	7.56E-08	6YrCancerI	7.11E-08	2.19E-09	1.50E-10	1.76E-12	0.00E+00	0.00E+00	2.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	669476.7	4343915	7.43E-08	6YrCancerI	6.94E-08	2.41E-09	1.65E-10	1.97E-12	0.00E+00	0.00E+00	2.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	669698	4343915	7.62E-08	6YrCancerI	7.08E-08	2.59E-09	1.77E-10	2.16E-12	0.00E+00	0.00E+00	2.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	669919.3	4343915	7.99E-08	6YrCancerI	7.42E-08	2.77E-09	1.89E-10	2.33E-12	0.00E+00	0.00E+00	2.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	670140.6	4343915	8.59E-08	6YrCancerI	7.98E-08	2.99E-09	2.05E-10	2.54E-12	0.00E+00	0.00E+00	2.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	670361.9	4343915	9.44E-08	6YrCancerI	8.78E-08	3.23E-09	2.21E-10	2.82E-12	0.00E+00	0.00E+00	3.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	670583.2	4343915	1.06E-07	6YrCancerI	9.83E-08	3.54E-09	2.42E-10	3.18E-12	0.00E+00	0.00E+00	3.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	670804.5	4343915	1.19E-07	6YrCancerI	1.11E-07	3.87E-09	2.65E-10	3.59E-12	0.00E+00	0.00E+00	3.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	671025.8	4343915	1.32E-07	6YrCancerI	1.23E-07	4.19E-09	2.87E-10	4.02E-12	0.00E+00	0.00E+00	4.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	671247.1	4343915	1.36E-07	6YrCancerI	1.28E-07	4.22E-09	2.89E-10	4.18E-12	0.00E+00	0.00E+00	4.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	671468.4	4343915	1.27E-07	6YrCancerI	1.19E-07	3.89E-09	2.66E-10	3.90E-12	0.00E+00	0.00E+00	3.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	671689.8	4343915	1.15E-07	6YrCancerI	1.08E-07	3.45E-09	2.36E-10	3.53E-12	0.00E+00	0.00E+00	3.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	671911.1	4343915	9.58E-08	6YrCancerI	9.00E-08	2.85E-09	1.95E-10	2.94E-12	0.00E+00	0.00E+00	2.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	672132.4	4343915	7.63E-08	6YrCancerI	7.17E-08	2.26E-09	1.55E-10	2.34E-12	0.00E+00	0.00E+00	2.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	672353.7	4343915	5.98E-08	6YrCancerI	5.62E-08	1.76E-09	1.20E-10	1.83E-12	0.00E+00	0.00E+00	1.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	672575	4343915	4.65E-08	6YrCancerI	4.37E-08	1.36E-09	9.29E-11	1.42E-12	0.00E+00	0.00E+00	1.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	668148.8	4344080	3.84E-08	6YrCancerI	3.61E-08	1.13E-09	7.72E-11	8.97E-13	0.00E+00	0.00E+00	1.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	668370.1	4344080	4.61E-08	6YrCancerI	4.35E-08	1.27E-09	8.69E-11	1.01E-12	0.00E+00	0.00E+00	1.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	668591.4	4344080	5.58E-08	6YrCancerI	5.28E-08	1.46E-09	9.97E-11	1.16E-12	0.00E+00	0.00E+00	1.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	668812.7	4344080	6.51E-08	6YrCancerI	6.16E-08	1.67E-09	1.14E-10	1.32E-12	0.00E+00	0.00E+00	1.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	669034	4344080	6.98E-08	6YrCancerI	6.58E-08	1.91E-09	1.31E-10	1.51E-12	0.00E+00	0.00E+00	1.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	669255.3	4344080	7.03E-08	6YrCancerI	6.58E-08	2.16E-09	1.48E-10	1.72E-12	0.00E+00	0.00E+00	2.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	669476.7	4344080	6.96E-08	6YrCancerI	6.49E-08	2.28E-09	1.56E-10	1.87E-12	0.00E+00	0.00E+00	2.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	669698	4344080	7.08E-08	6YrCancerI	6.59E-08	2.42E-09	1.65E-10	2.01E-12	0.00E+00	0.00E+00	2.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	669919.3	4344080	7.37E-08	6YrCancerI	6.84E-08	2.56E-09	1.75E-10	2.15E-12	0.00E+00	0.00E+00	2.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	670140.6	4344080	7.98E-08	6YrCancerI	7.41E-08	2.80E-09	1.92E-10	2.36E-12	0.00E+00	0.00E+00	2.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	670361.9	4344080	8.58E-08	6YrCancerI	7.98E-08	2.92E-09	2.00E-10	2.56E-12	0.00E+00	0.00E+00	2.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	670583.2	4344080	9.51E-08	6YrCancerI	8.86E-08	3.17E-09	2.17E-10	2.87E-12	0.00E+00	0.00E+00	3.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	670804.5	4344080	1.06E-07	6YrCancerI	9.91E-08	3.47E-09	2.38E-10	3.22E-12	0.00E+00	0.00E+00	3.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	671025.8	4344080	1.13E-07	6YrCancerI	1.06E-07	3.60E-09	2.46E-10	3.45E-12	0.00E+00	0.00E+00	3.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	671247.1	4344080	1.19E-07	6YrCancerI	1.12E-07	3.70E-09	2.53E-10	3.65E-12	0.00E+00	0.00E+00	3.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	671468.4	4344080	1.15E-07	6YrCancerI	1.08E-07	3.51E-09	2.40E-10	3.52E-12	0.00E+00	0.00E+00	3.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	671689.8	4344080	9.76E-08	6YrCancerI	9.16E-08	2.94E-09	2.01E-10	2.99E-12	0.00E+00	0.00E+00	2.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	671911.1	4344080	8.03E-08	6YrCancerI	7.55E-08	2.38E-09	1.63E-10	2.47E-12	0.00E+00	0.00E+00	2.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	672132.4	4344080	6.46E-08	6YrCancerI	6.07E-08	1.90E-09	1.30E-10	1.99E-12	0.00E+00	0.00E+00	1.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	672353.7	4344080	5.15E-08	6YrCancerI	4.84E-08	1.51E-09	1.03E-10	1.58E-12	0.00E+00	0.00E+00	1.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	672575	4344080	4.15E-08	6YrCancerI	3.90E-08	1.21E-09	8.30E-11	1.27E-12	0.00E+00	0.00E+00	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	671464.7	4342094	2.39E-06	6YrCancerI	2.26E-06	6.61E-08	4.52E-09	7.45E-11	0.00E+00	0.00E+00	6.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	671482.2	4342064	2.57E-06	6YrCancerI	2.43E-06	7.05E-08	4.82E-09	8.01E-11	0.00E+00	0.00E+00	6.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	671498.6	4342030	2.75E-06	6YrCancerI	2.60E-06	7.50E-08	5.13E-09	8.59E-11	0.00E+00	0.00E+00	7.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	671513.8	4341992	3.02E-06	6YrCancerI	2.86E-06	8.16E-08	5.58E-09	9.44E-11	0.00E+00	0.00E+00	7.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	671541.8	4341965	2.90E-06	6YrCancerI	2.74E-06	7.80E-08	5.33E-09	9.05E-11	0.00E+00	0.00E+00	7.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	671575.6	4341974	2.26E-06	6YrCancerI	2.13E-06	6.08E-08	4.16E-09	7.03E-11	0.00E+00	0.00E+00	5.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	671460.8	4342163	1.88E-06	6YrCancerI	1.78E-06	5.25E-08	3.59E-09	5.85E-11	0.00E+00	0.00E+00	5.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	671451	4342187	1.79E-06	6YrCancerI	1.69E-06	5.01E-08	3.42E-09	5.56E-11	0.00E+00	0.00E+00	4.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	671510.7	4342220	1.43E-06	6YrCancerI	1.35E-06	3.99E-08	2.72E-09	4.44E-11	0.00E+00	0.00E+00	3.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	671524.1	4342193	1.46E-06	6YrCancerI	1.37E-06	4.06E-08	2.77E-09	4.53E-11	0.00E+00	0.00E+00	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	671522.9	4342251	1.29E-06	6YrCancerI	1.22E-06	3.61E-08	2.47E-09	4.02E-11	0.00E+00	0.00E+00	3.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	671599.1	4342253	1.04E-06	6YrCancerI	9.77E-07	2.89E-08	1.98E-09	3.22E-11	0.00E+00	0.00E+00	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	671627.8	4342257	9.44E-07	6YrCancerI	8.90E-07	2.64E-08	1.80E-09	2.93E-11	0.00E+00	0.00E+00	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	671583.9	4342116	1.35E-06	6YrCancerI	1.28E-06	3.75E-08	2.56E-09	4.21E-11	0.00E+00	0.00E+00	3.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	671595.5	4342072	1.43E-06	6YrCancerI	1.35E-06	3.94E-08	2.69E-09	4.45E-11	0.00E+00	0.00E+00	3.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	671663.1	4342056	1.19E-06	6YrCancerI	1.12E-06	3.28E-08	2.24E-09	3.70E-11	0.00E+00	0.00E+00	3.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	671600.9	4342030	1.61E-06	6YrCancerI	1.52E-06	4.41E-08	3.01E-09	5.01E-11	0.00E+00	0.00E+00	4.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	671526.6	4342156	1.55E-06	6YrCancerI	1.47E-06	4.31E-08	2.95E-09	4.83E-11	0.00E+00	0.00E+00	4.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	671629	4342292	8.85E-07	6YrCancerI	8.34E-07	2.48E-08	1.69E-09	2.75E-11	0.00E+00	0.00E+00	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	671641.8	4341981	1.60E-06	6YrCancerI	1.51E-06	4.34E-08	2.97E-09	4.98E-11	0.00E+00	0.00E+00	4.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	671666.8	4342019	1.30E-06	6YrCancerI	1.23E-06	3.55E-08	2.43E-09	4.04E-11	0.00E+00	0.00E+00	3.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	671407.1	4342220	1.79E-06	6YrCancerI	1.69E-06	5.06E-08	3.46E-09	5.54E-11	0.00E+00	0.00E+00	4.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	671415.6	4342183	1.99E-06	6YrCancerI	1.88E-06	5.59E-08	3.82E-09	6.16E-11	0.00E+00	0.00E+00	5.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	671635.1	4341706	4.41E-06	6YrCancerI	4.18E-06	1.16E-07	7.96E-09	1.39E-10	0.00E+00	0.00E+00	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	671693.6	4341710	2.98E-06	6YrCancerI	2.82E-06	7.89E-08	5.39E-09	9.36E-11	0.00E+00	0.00E+00	7.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	671719.8	4341736	2.48E-06	6YrCancerI	2.35E-06	6.58E-08	4.50E-09	7.79E-11	0.00E+00	0.00E+00	6.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	671673.5	4341630	3.61E-06	6YrCancerI	3.41E-06	9.51E-08	6.50E-09	1.13E-10	0.00E+00	0.00E+00	9.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	671888	4341936	7.84E-07	6YrCancerI	7.40E-07	2.14E-08	1.46E-09	2.44E-11	0.00E+00	0.00E+00	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	671977.6	4341952	5.64E-07	6YrCancerI	5.32E-07	1.55E-08	1.06E-09	1.75E-11	0.00E+00	0.00E+00	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	672039.2	4341895	4.86E-07	6YrCancerI	4.59E-07	1.33E-08	9.07E-10	1.51E-11	0.00E+00	0.00E+00	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	671858.2	4341754	1.30E-06	6YrCancerI	1.23E-06	3.47E-08	2.37E-09	4.07E-11	0.00E+00	0.00E+00	3.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

455	ALL	671922.8	4341634	9.25E-07	6YrCancerI	8.74E-07	2.47E-08	1.69E-09	2.90E-11	0.00E+00	0.00E+00	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	671613.7	4341791	3.88E-06	6YrCancerI	3.67E-06	1.03E-07	7.00E-09	1.22E-10	0.00E+00	0.00E+00	9.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	671853.3	4341731	1.35E-06	6YrCancerI	1.28E-06	3.61E-08	2.46E-09	4.23E-11	0.00E+00	0.00E+00	3.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	671783.8	4341586	1.71E-06	6YrCancerI	1.61E-06	4.52E-08	3.09E-09	5.34E-11	0.00E+00	0.00E+00	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	671783.2	4341547	1.50E-06	6YrCancerI	1.42E-06	3.98E-08	2.72E-09	4.69E-11	0.00E+00	0.00E+00	3.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	671769.2	4341461	1.05E-06	6YrCancerI	9.98E-07	2.78E-08	1.90E-09	3.27E-11	0.00E+00	0.00E+00	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	671800.9	4341421	7.60E-07	6YrCancerI	7.19E-07	2.02E-08	1.38E-09	2.35E-11	0.00E+00	0.00E+00	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	671880.1	4341427	5.66E-07	6YrCancerI	5.35E-07	1.51E-08	1.03E-09	1.76E-11	0.00E+00	0.00E+00	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	672012.4	4341505	4.45E-07	6YrCancerI	4.21E-07	1.20E-08	8.17E-10	1.39E-11	0.00E+00	0.00E+00	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	672084.3	4341548	4.32E-07	6YrCancerI	4.08E-07	1.16E-08	7.95E-10	1.35E-11	0.00E+00	0.00E+00	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	671915.5	4341478	6.17E-07	6YrCancerI	5.83E-07	1.65E-08	1.13E-09	1.92E-11	0.00E+00	0.00E+00	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	671903.3	4341564	8.80E-07	6YrCancerI	8.32E-07	2.35E-08	1.61E-09	2.76E-11	0.00E+00	0.00E+00	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	671863.1	4341522	9.26E-07	6YrCancerI	8.76E-07	2.47E-08	1.69E-09	2.90E-11	0.00E+00	0.00E+00	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	671830.1	4341336	4.71E-07	6YrCancerI	4.46E-07	1.26E-08	8.59E-10	1.45E-11	0.00E+00	0.00E+00	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	671835.6	4341288	3.94E-07	6YrCancerI	3.73E-07	1.06E-08	7.21E-10	1.21E-11	0.00E+00	0.00E+00	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	671825.9	4341275	3.94E-07	6YrCancerI	3.72E-07	1.06E-08	7.21E-10	1.21E-11	0.00E+00	0.00E+00	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	672136.7	4341371	2.11E-07	6YrCancerI	1.99E-07	5.71E-09	3.90E-10	6.56E-12	0.00E+00	0.00E+00	5.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	671920.3	4341307	2.89E-07	6YrCancerI	2.73E-07	7.81E-09	5.34E-10	8.92E-12	0.00E+00	0.00E+00	7.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	671695.4	4341257	4.03E-07	6YrCancerI	3.81E-07	1.08E-08	7.37E-10	1.24E-11	0.00E+00	0.00E+00	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	671682	4341176	2.76E-07	6YrCancerI	2.61E-07	7.46E-09	5.10E-10	8.46E-12	0.00E+00	0.00E+00	7.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	671991.7	4341196	1.86E-07	6YrCancerI	1.76E-07	5.08E-09	3.47E-10	5.71E-12	0.00E+00	0.00E+00	4.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	672022.1	4341232	1.90E-07	6YrCancerI	1.79E-07	5.17E-09	3.54E-10	5.84E-12	0.00E+00	0.00E+00	5.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	671992.3	4341178	1.68E-07	6YrCancerI	1.59E-07	4.61E-09	3.15E-10	5.15E-12	0.00E+00	0.00E+00	4.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	671540.6	4341238	2.82E-07	6YrCancerI	2.66E-07	7.62E-09	5.20E-10	8.61E-12	0.00E+00	0.00E+00	7.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	671575.3	4341178	2.10E-07	6YrCancerI	1.98E-07	5.74E-09	3.92E-10	6.42E-12	0.00E+00	0.00E+00	5.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	671454.7	4341196	2.26E-07	6YrCancerI	2.13E-07	6.18E-09	4.22E-10	6.84E-12	0.00E+00	0.00E+00	5.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	671523.5	4341116	1.66E-07	6YrCancerI	1.57E-07	4.59E-09	3.14E-10	5.06E-12	0.00E+00	0.00E+00	4.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	671413.2	4341127	1.70E-07	6YrCancerI	1.60E-07	4.76E-09	3.25E-10	5.12E-12	0.00E+00	0.00E+00	4.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	671471.1	4341065	1.37E-07	6YrCancerI	1.29E-07	3.85E-09	2.63E-10	4.15E-12	0.00E+00	0.00E+00	3.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	671601.6	4341051	1.73E-07	6YrCancerI	1.63E-07	4.75E-09	3.25E-10	5.28E-12	0.00E+00	0.00E+00	4.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	671198.6	4341254	2.46E-07	6YrCancerI	2.32E-07	6.83E-09	4.67E-10	7.39E-12	0.00E+00	0.00E+00	6.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	671278.5	4341212	2.06E-07	6YrCancerI	1.94E-07	5.77E-09	3.94E-10	6.16E-12	0.00E+00	0.00E+00	5.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	671230.3	4341133	1.43E-07	6YrCancerI	1.35E-07	4.11E-09	2.81E-10	4.28E-12	0.00E+00	0.00E+00	3.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	671073.1	4341272	3.14E-07	6YrCancerI	2.96E-07	8.73E-09	5.97E-10	9.59E-12	0.00E+00	0.00E+00	8.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	671122.5	4341374	5.32E-07	6YrCancerI	5.02E-07	1.45E-08	9.87E-10	1.63E-11	0.00E+00	0.00E+00	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	671118.8	4341397	6.00E-07	6YrCancerI	5.67E-07	1.62E-08	1.11E-09	1.84E-11	0.00E+00	0.00E+00	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	670978.4	4341324	3.98E-07	6YrCancerI	3.76E-07	1.11E-08	7.59E-10	1.22E-11	0.00E+00	0.00E+00	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	670932.9	4341394	4.43E-07	6YrCancerI	4.18E-07	1.24E-08	8.49E-10	1.34E-11	0.00E+00	0.00E+00	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	670935.2	4341367	4.31E-07	6YrCancerI	4.06E-07	1.21E-08	8.24E-10	1.31E-11	0.00E+00	0.00E+00	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	671108	4340976	1.06E-07	6YrCancerI	9.94E-08	3.14E-09	2.15E-10	3.15E-12	0.00E+00	0.00E+00	3.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL	671286.7	4340979	9.98E-08	6YrCancerI	9.38E-08	2.92E-09	2.00E-10	2.99E-12	0.00E+00	0.00E+00	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	671675.4	4342489	5.23E-07	6YrCancerI	4.93E-07	1.48E-08	1.01E-09	1.62E-11	0.00E+00	0.00E+00	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	671091.4	4342277	1.26E-06	6YrCancerI	1.16E-06	4.63E-08	3.17E-09	3.75E-11	0.00E+00	0.00E+00	4.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	671051.8	4342332	9.68E-07	6YrCancerI	8.92E-07	3.62E-08	2.48E-09	2.89E-11	0.00E+00	0.00E+00	3.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	671051.8	4342369	9.18E-07	6YrCancerI	8.47E-07	3.39E-08	2.32E-09	2.75E-11	0.00E+00	0.00E+00	3.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	670953	4342361	7.13E-07	6YrCancerI	6.58E-07	2.60E-08	1.78E-09	2.14E-11	0.00E+00	0.00E+00	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	670695.7	4342236	4.20E-07	6YrCancerI	3.90E-07	1.40E-08	9.61E-10	1.29E-11	0.00E+00	0.00E+00	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	670545.5	4342319	2.90E-07	6YrCancerI	2.69E-07	9.67E-09	6.62E-10	8.94E-12	0.00E+00	0.00E+00	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	670711.7	4342488	3.74E-07	6YrCancerI	3.46E-07	1.31E-08	8.98E-10	1.12E-11	0.00E+00	0.00E+00	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	670648.3	4342502	3.13E-07	6YrCancerI	2.90E-07	1.10E-08	7.55E-10	9.36E-12	0.00E+00	0.00E+00	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	670648.3	4342631	2.58E-07	6YrCancerI	2.38E-07	9.80E-09	6.71E-10	7.55E-12	0.00E+00	0.00E+00	9.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	670806.3	4342728	3.27E-07	6YrCancerI	3.02E-07	1.19E-08	8.18E-10	9.73E-12	0.00E+00	0.00E+00	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	670688.2	4342739	2.44E-07	6YrCancerI	2.25E-07	9.33E-09	6.39E-10	7.16E-12	0.00E+00	0.00E+00	9.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	670804.9	4342428	5.17E-07	6YrCancerI	4.79E-07	1.81E-08	1.24E-09	1.57E-11	0.00E+00	0.00E+00	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	670439.5	4342472	2.35E-07	6YrCancerI	2.18E-07	8.05E-09	5.51E-10	7.22E-12	0.00E+00	0.00E+00	8.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	670358.4	4342579	2.04E-07	6YrCancerI	1.89E-07	7.14E-09	4.89E-10	6.25E-12	0.00E+00	0.00E+00	7.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	670546.6	4342662	2.51E-07	6YrCancerI	2.32E-07	9.01E-09	6.17E-10	7.46E-12	0.00E+00	0.00E+00	9.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	670537	4342595	2.47E-07	6YrCancerI	2.29E-07	8.79E-09	6.02E-10	7.37E-12	0.00E+00	0.00E+00	8.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	670483.5	4342777	2.19E-07	6YrCancerI	2.03E-07	7.91E-09	5.42E-10	6.50E-12	0.00E+00	0.00E+00	7.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	670508.2	4342755	2.27E-07	6YrCancerI	2.10E-07	8.21E-09	5.62E-10	6.72E-12	0.00E+00	0.00E+00	8.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	670517.8	4342869	2.17E-07	6YrCancerI	2.00E-07	7.85E-09	5.38E-10	6.42E-12	0.00E+00	0.00E+00	7.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	670545.3	4342851	2.17E-07	6YrCancerI	2.01E-07	7.94E-09	5.44E-10	6.40E-12	0.00E+00	0.00E+00	7.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	670582.4	4342878	2.22E-07	6YrCancerI	2.06E-07	8.12E-09	5.56E-10	6.58E-12	0.00E+00	0.00E+00	8.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	670304.9	4342689	1.85E-07	6YrCancerI	1.71E-07	6.47E-09	4.43E-10	5.61E-12	0.00E+00	0.00E+00	6.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	670039.7	4342661	1.28E-07	6YrCancerI	1.19E-07	4.32E-09	2.96E-10	3.86E-12	0.00E+00	0.00E+00	4.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	670156.5	4342673	1.51E-07	6YrCancerI	1.40E-07	5.27E-09	3.61E-10	4.59E-12	0.00E+00	0.00E+00	5.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	670236.2	4342649	1.70E-07	6YrCancerI	1.57E-07	5.98E-09	4.10E-10	5.17E-12	0.00E+00	0.00E+00	6.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	670071.3	4342738	1.36E-07	6YrCancerI	1.26E-07	4.81E-09	3.29E-10	4.12E-12	0.00E+00	0.00E+00	4.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	669990.2	4342753	1.23E-07	6YrCancerI	1.14E-07	4.27E-09	2.92E-10	3.70E-12	0.00E+00	0.00E+00	4.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	669928.4	4342742	1.14E-07	6YrCancerI	1.06E-07	3.88E-09	2.66E-10	3.41E-12	0.00E+00	0.00E+00	3.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	669815.8	4342673	1.01E-07	6YrCancerI	9.36E-08	3.39E-09	2.32E-10	3.00E-12	0.00E+00	0.00E+00	3.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	669743	4342656	9.44E-08	6YrCancerI	8.78E-08	3.19E-09	2.18E-10	2.80E-12	0.00E+00	0.00E+00	3.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	669791	4342745	9.99E-08	6YrCancerI	9.28E-08	3.39E-09	2.32E-10	2.95E-12	0.00E+00	0.00E+00	3.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	669696.3	4342731	9.21E-08	6YrCancerI	8.56E-08	3.12E-09	2.14E-10	2.70E-12	0.00E+00	0.00E+00	3.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	669536.9	4342553	7.80E-08	6YrCancerI	7.29E-08	2.47E-09	1.69E-10	2.15E-12	0.00E+00	0.00E+00	2.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	671174.9	4342280	1.55E-06	6YrCancerI	1.44E-06	5.23E-08	3.58E-09	4.68E-11	0.00E+00	0.00E+00	5.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	671068.4	4342170	1.58E-06	6YrCancerI	1.47E-06	4.55E-08	3.11E-09	4.42E-11	0.00E+00	0.00E+00	6.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	670965.7	4342179	1.01E-06	6YrCancerI	9.41E-07	3.16E-08	2.17E-09	2.99E-11	0.00E+00	0.00E+00	3.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	670815.5	4342198	5.84E-07	6YrCancerI	5.43E-07	1.88E-08	1.29E-09	1.78E-11	0.00E+00	0.00E+00	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	670737.6	4342098	4.62E-07	6YrCancerI	4.31E-07	1.49E-08	1.02E-09	1.42E-11	0.00E+00	0.00E+00	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	670762.3	4342069	4.99E-07	6YrCancerI	4.65E-07	1.61E-08	1.10E-09	1.53E-11	0.00E+00	0.00E+00	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	670817.4	4342041	6.01E-07	6YrCancerI	5.60E-07	1.93E-08	1.32E-09	1.83E-11	0.00E+00	0.00E+00	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	670895.4	4342025	8.05E-07	6YrCancerI	7.50E-07	2.53E-08	1.73E-09	2.44E-11	0.00E+00	0.00E+00	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	670979	4341915	1.15E-06	6YrCancerI	1.07E-06	3.66E-08	2.50E-09	3.52E-11	0.00E+00	0.00E+00	3.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	671115.9	4341864	2.68E-06	6YrCancerI	2.52E-06	7.73E-08	5.28E-09	8.28E-11	0.00E+00	0.00E+00	7.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	671199.6	4341771	6.83E-06	6YrCancerI	6.46E-06	1.83E-07	1.25E-08	2.14E-10	0.00E+00	0.00E+00	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	671222.4	4341377	6.53E-07	6YrCancerI	6.18E-07	1.75E-08	1.19E-09	1.99E-11	0.00E+00	0.00E+00	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	671714.8	4341392	8.48E-07	6YrCancerI	8.02E-07	2.24E-08	1.53E-09	2.61E-11	0.00E+00	0.00E+00	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	671366.9	4341999	6.40E-06	6YrCancerI	6.04E-06	1.75E-07	1.20E-08	1.98E-10	0.00E+00	0.00E+00	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	671226.2	4342236	1.96E-06	6YrCancerI	1.83E-06	6.22E-08	4.25E-09	5.95E-11	0.00E+00	0.00E+00	6.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	669098.4	4343412	1.98E-07	6YrCancerI	1.94E-07	1.82E-09	1.25E-10	1.51E-12	0.00E+00	0.00E+00	1.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

546	ALL	668908.6	4343365	2.67E-07	6YrCancerI	2.63E-07	1.60E-09	1.10E-10	1.33E-12	0.00E+00	0.00E+00	1.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	668851.5	4343360	2.49E-07	6YrCancerI	2.46E-07	1.55E-09	1.06E-10	1.28E-12	0.00E+00	0.00E+00	1.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	668831.4	4343371	2.15E-07	6YrCancerI	2.12E-07	1.53E-09	1.05E-10	1.26E-12	0.00E+00	0.00E+00	1.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	668733.9	4343302	2.30E-07	6YrCancerI	2.27E-07	1.47E-09	1.01E-10	1.20E-12	0.00E+00	0.00E+00	1.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	668686.9	4343200	2.32E-07	6YrCancerI	2.29E-07	1.47E-09	1.01E-10	1.19E-12	0.00E+00	0.00E+00	1.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	668671.8	4343089	2.01E-07	6YrCancerI	1.98E-07	1.49E-09	1.02E-10	1.20E-12	0.00E+00	0.00E+00	1.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	668806.2	4343002	2.07E-07	6YrCancerI	2.03E-07	1.60E-09	1.10E-10	1.30E-12	0.00E+00	0.00E+00	1.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	668918.7	4343025	2.68E-07	6YrCancerI	2.65E-07	1.70E-09	1.16E-10	1.39E-12	0.00E+00	0.00E+00	1.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	669024.5	4342943	2.10E-07	6YrCancerI	2.07E-07	1.82E-09	1.25E-10	1.50E-12	0.00E+00	0.00E+00	1.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	669288.2	4342916	1.64E-07	6YrCancerI	1.59E-07	2.13E-09	1.46E-10	1.81E-12	0.00E+00	0.00E+00	2.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	669333.6	4342923	1.33E-07	6YrCancerI	1.29E-07	2.19E-09	1.50E-10	1.87E-12	0.00E+00	0.00E+00	2.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	669365.5	4342978	1.95E-07	6YrCancerI	1.91E-07	2.22E-09	1.52E-10	1.90E-12	0.00E+00	0.00E+00	2.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	669337	4343151	2.35E-07	6YrCancerI	2.31E-07	2.16E-09	1.48E-10	1.84E-12	0.00E+00	0.00E+00	2.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL	669303.4	4343304	1.75E-07	6YrCancerI	1.71E-07	2.13E-09	1.46E-10	1.80E-12	0.00E+00	0.00E+00	2.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL	669222.7	4343235	3.17E-07	6YrCancerI	3.13E-07	1.99E-09	1.36E-10	1.68E-12	0.00E+00	0.00E+00	2.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	669135.4	4343306	3.27E-07	6YrCancerI	3.23E-07	1.86E-09	1.28E-10	1.56E-12	0.00E+00	0.00E+00	1.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEV	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		668148.8	4340781	NonCancer	3.69E-06	1.24E-05	3.21E-05	0.00E+00	0.00E+00	1.45E-05	1.43E-05	0.00E+00	4.64E-07	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	3.21E-05
2	ALL		668370.1	4340781	NonCancer	4.31E-06	1.42E-05	3.61E-05	0.00E+00	0.00E+00	1.64E-05	1.71E-05	0.00E+00	5.25E-07	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	3.61E-05
3	ALL		668591.4	4340781	NonCancer	4.78E-06	1.57E-05	3.98E-05	0.00E+00	0.00E+00	1.81E-05	1.99E-05	0.00E+00	5.80E-07	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	3.98E-05
4	ALL		668812.7	4340781	NonCancer	5.12E-06	1.71E-05	4.37E-05	0.00E+00	0.00E+00	1.96E-05	2.23E-05	0.00E+00	6.35E-07	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	4.37E-05
5	ALL		669034	4340781	NonCancer	5.83E-06	1.93E-05	4.90E-05	0.00E+00	0.00E+00	2.21E-05	2.59E-05	0.00E+00	7.13E-07	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	4.90E-05
6	ALL		669255.3	4340781	NonCancer	6.66E-06	2.20E-05	5.57E-05	0.00E+00	0.00E+00	2.51E-05	3.04E-05	0.00E+00	8.11E-07	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	5.57E-05
7	ALL		669476.7	4340781	NonCancer	6.92E-06	2.37E-05	6.16E-05	0.00E+00	0.00E+00	2.71E-05	3.22E-05	0.00E+00	8.98E-07	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	6.16E-05
8	ALL		669698	4340781	NonCancer	7.92E-06	2.65E-05	6.72E-05	0.00E+00	0.00E+00	2.98E-05	3.47E-05	0.00E+00	9.85E-07	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	6.72E-05
9	ALL		669919.3	4340781	NonCancer	1.28E-05	4.55E-05	1.32E-04	0.00E+00	0.00E+00	6.36E-05	3.34E-05	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	1.32E-04
10	ALL		670140.6	4340781	NonCancer	1.69E-05	6.86E-05	2.09E-04	0.00E+00	0.00E+00	9.26E-05	3.06E-05	0.00E+00	2.91E-06	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	2.09E-04
11	ALL		670361.9	4340781	NonCancer	1.71E-05	6.96E-05	2.13E-04	0.00E+00	0.00E+00	9.39E-05	2.33E-05	0.00E+00	2.95E-06	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	2.13E-04
12	ALL		670583.2	4340781	NonCancer	1.31E-05	5.45E-05	1.67E-04	0.00E+00	0.00E+00	7.29E-05	1.82E-05	0.00E+00	2.33E-06	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	1.67E-04
13	ALL		670804.5	4340781	NonCancer	1.29E-05	5.39E-05	1.66E-04	0.00E+00	0.00E+00	7.19E-05	1.62E-05	0.00E+00	2.31E-06	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	1.66E-04
14	ALL		671025.8	4340781	NonCancer	9.99E-06	4.21E-05	1.32E-04	0.00E+00	0.00E+00	5.81E-05	1.36E-05	0.00E+00	1.82E-06	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	1.32E-04
15	ALL		671247.1	4340781	NonCancer	9.13E-06	3.99E-05	1.25E-04	0.00E+00	0.00E+00	5.31E-05	1.13E-05	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	1.25E-04
16	ALL		671468.4	4340781	NonCancer	1.19E-05	5.56E-05	1.74E-04	0.00E+00	0.00E+00	6.95E-05	1.18E-05	0.00E+00	2.49E-06	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	1.74E-04
17	ALL		671689.8	4340781	NonCancer	1.91E-05	9.39E-05	2.93E-04	0.00E+00	0.00E+00	1.10E-04	1.14E-05	0.00E+00	4.28E-06	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	2.93E-04
18	ALL		671911.1	4340781	NonCancer	2.02E-05	1.04E-04	3.25E-04	0.00E+00	0.00E+00	1.18E-04	1.16E-05	0.00E+00	4.80E-06	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	3.25E-04
19	ALL		672132.4	4340781	NonCancer	1.28E-05	6.51E-05	2.04E-04	0.00E+00	0.00E+00	7.50E-05	8.14E-06	0.00E+00	3.00E-06	0.00E+00	0.00E+00	9.94E-06	0.00E+00	0.00E+00	2.04E-04
20	ALL		672353.7	4340781	NonCancer	2.17E-05	1.10E-04	3.42E-04	0.00E+00	0.00E+00	1.25E-04	1.06E-05	0.00E+00	5.05E-06	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	3.42E-04
21	ALL		672575	4340781	NonCancer	2.32E-05	1.10E-04	3.40E-04	0.00E+00	0.00E+00	1.30E-04	9.64E-06	0.00E+00	4.95E-06	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	3.40E-04
22	ALL		668148.8	4340946	NonCancer	3.59E-06	1.20E-05	3.10E-05	0.00E+00	0.00E+00	1.40E-05	1.25E-05	0.00E+00	4.49E-07	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	3.10E-05
23	ALL		668370.1	4340946	NonCancer	4.10E-06	1.38E-05	3.55E-05	0.00E+00	0.00E+00	1.61E-05	1.49E-05	0.00E+00	5.13E-07	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	3.55E-05
24	ALL		668591.4	4340946	NonCancer	4.58E-06	1.54E-05	3.95E-05	0.00E+00	0.00E+00	1.78E-05	1.76E-05	0.00E+00	5.72E-07	0.00E+00	0.00E+00	2.48E-06	0.00E+00	0.00E+00	3.95E-05
25	ALL		668812.7	4340946	NonCancer	5.04E-06	1.70E-05	4.37E-05	0.00E+00	0.00E+00	1.97E-05	2.05E-05	0.00E+00	6.34E-07	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	4.37E-05
26	ALL		669034	4340946	NonCancer	6.06E-06	1.99E-05	5.03E-05	0.00E+00	0.00E+00	2.29E-05	2.52E-05	0.00E+00	7.32E-07	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	5.03E-05
27	ALL		669255.3	4340946	NonCancer	6.90E-06	2.26E-05	5.70E-05	0.00E+00	0.00E+00	2.59E-05	2.97E-05	0.00E+00	8.30E-07	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	5.70E-05
28	ALL		669476.7	4340946	NonCancer	7.41E-06	2.48E-05	6.35E-05	0.00E+00	0.00E+00	2.85E-05	3.24E-05	0.00E+00	9.24E-07	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	6.35E-05
29	ALL		669698	4340946	NonCancer	8.94E-06	2.94E-05	7.43E-05	0.00E+00	0.00E+00	3.36E-05	3.99E-05	0.00E+00	1.08E-06	0.00E+00	0.00E+00	4.20E-06	0.00E+00	0.00E+00	7.43E-05
30	ALL		669919.3	4340946	NonCancer	1.69E-05	6.77E-05	2.05E-04	0.00E+00	0.00E+00	9.07E-05	4.34E-05	0.00E+00	2.85E-06	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	2.05E-04
31	ALL		670140.6	4340946	NonCancer	1.81E-05	7.05E-05	2.12E-04	0.00E+00	0.00E+00	9.56E-05	3.79E-05	0.00E+00	2.93E-06	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	2.12E-04
32	ALL		670361.9	4340946	NonCancer	1.94E-05	7.75E-05	2.37E-04	0.00E+00	0.00E+00	1.06E-04	3.08E-05	0.00E+00	3.26E-06	0.00E+00	0.00E+00	2.88E-05	0.00E+00	0.00E+00	2.37E-04
33	ALL		670583.2	4340946	NonCancer	1.93E-05	7.81E-05	2.39E-04	0.00E+00	0.00E+00	1.07E-04	2.29E-05	0.00E+00	3.30E-06	0.00E+00	0.00E+00	2.86E-05	0.00E+00	0.00E+00	2.39E-04
34	ALL		670804.5	4340946	NonCancer	1.34E-05	5.58E-05	1.73E-04	0.00E+00	0.00E+00	7.60E-05	1.92E-05	0.00E+00	2.40E-06	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	1.73E-04
35	ALL		671025.8	4340946	NonCancer	9.65E-06	4.03E-05	1.28E-04	0.00E+00	0.00E+00	5.72E-05	1.56E-05	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	1.28E-04
36	ALL		671247.1	4340946	NonCancer	8.73E-06	3.78E-05	1.18E-04	0.00E+00	0.00E+00	5.02E-05	1.22E-05	0.00E+00	1.65E-06	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	1.18E-04
37	ALL		671468.4	4340946	NonCancer	1.02E-05	4.63E-05	1.44E-04	0.00E+00	0.00E+00	5.88E-05	1.12E-05	0.00E+00	2.05E-06	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	1.44E-04
38	ALL		671689.8	4340946	NonCancer	2.51E-05	1.25E-04	3.92E-04	0.00E+00	0.00E+00	1.46E-04	1.40E-05	0.00E+00	5.74E-06	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	3.92E-04
39	ALL		671911.1	4340946	NonCancer	3.22E-05	1.62E-04	5.07E-04	0.00E+00	0.00E+00	1.86E-04	1.54E-05	0.00E+00	7.47E-06	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	5.07E-04
40	ALL		672132.4	4340946	NonCancer	1.13E-05	5.64E-05	1.76E-04	0.00E+00	0.00E+00	6.50E-05	7.92E-06	0.00E+00	2.58E-06	0.00E+00	0.00E+00	8.61E-06	0.00E+00	0.00E+00	1.76E-04
41	ALL		672353.7	4340946	NonCancer	1.71E-05	8.73E-05	2.73E-04	0.00E+00	0.00E+00	9.98E-05	9.35E-06	0.00E+00	4.03E-06	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	2.73E-04
42	ALL		672575	4340946	NonCancer	2.35E-05	1.10E-04	3.40E-04	0.00E+00	0.00E+00	1.32E-04	9.90E-06	0.00E+00	4.94E-06	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	3.40E-04
43	ALL		668148.8	4341111	NonCancer	3.64E-06	1.22E-05	3.14E-05	0.00E+00	0.00E+00	1.43E-05	1.11E-05	0.00E+00	4.55E-07	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	3.14E-05
44	ALL		668370.1	4341111	NonCancer	3.98E-06	1.34E-05	3.46E-05	0.00E+00	0.00E+00	1.57E-05	1.29E-05	0.00E+00	5.00E-07	0.00E+00	0.00E+00	2.30E-06	0.00E+00	0.00E+00	3.46E-05
45	ALL		668591.4	4341111	NonCancer	4.62E-06	1.55E-05	3.97E-05	0.00E+00	0.00E+00	1.80E-05	1.56E-05	0.00E+00	5.76E-07	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	3.97E-05
46	ALL		668812.7	4341111	NonCancer	5.19E-06	1.73E-05	4.43E-05	0.00E+00	0.00E+00	2.01E-05	1.85E-05	0.00E+00	6.43E-07	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	4.43E-05
47	ALL		669034	4341111	NonCancer	5.98E-06	1.98E-05	5.04E-05	0.00E+00	0.00E+00	2.29E-05	2.26E-05	0.00E+00	7.33E-07	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	5.04E-05
48	ALL		669255.3	4341111	NonCancer	6.54E-06	2.19E-05	5.64E-05	0.00E+00	0.00E+00	2.54E-05	2.62E-05	0.00E+00	8.19E-07	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	5.64E-05
49	ALL		669476.7	4341111	NonCancer	7.85E-06	2.59E-05	6.55E-05	0.00E+00	0.00E+00	2.98E-05	3.21E-05	0.00E+00	9.52E-07	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	6.55E-05
50	ALL		669698	4341111	NonCancer	1.04E-05	3.21E-05	7.69E-05	0.00E+00	0.00E+00	3.66E-05	4.10E-05	0.00E+00	1.12E-06	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	7.69E-05
51	ALL		669919.3	4341111	NonCancer	1.07E-05	3.50E-05	8.83E-05	0.00E+00	0.00E+00	4.03E-05	4.61E-05	0.00E+00	1.28E-06	0.00E+00	0.00E+00	5.31E-06	0.00E+00	0.00E+00	8.83E-05
52	ALL		670140.6	4341111	NonCancer	1.97E-05	7.79E-05	2.36E-04	0.00E+00	0.00E+00	1.06E-04	5.05E-05	0.00E+00	3.26E-06	0.00E+00	0.00E+00	2.84E-05	0.00E+00	0.00E+00	2.36E-04
53	ALL		670361.9	4341111	NonCancer	1.95E-05	7.69E-05	2.34E-04	0.00E+00	0.00E+00	1.06E-04	4.46E-05	0.00E+00	3.22E-06	0.00E+00	0.00E+00	2.92E-05	0.00E+00	0.00E+00	2.34E-04
54	ALL		670583.2	4341111	NonCancer	1.50E-05	6.12E-05	1.89E-04	0.00E+00	0.00E+00	8.41E-05	3.13E-05	0.00E+00	2.60E-06	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	1.89E-04
55	ALL		670804.5	4341111	NonCancer	1.03E-05	4.31E-05	1.37E-04	0.00E+00	0.00E+00	6.11E-05	2.25E-05	0.00E+00	1.87E-06	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	1.37E-04
56	ALL		671025.8	4341111	NonCancer	8.77E-06	3.59E-05	1.11E-04	0.00E+00	0.00E+00	4.96E-05	1.73E-05	0.00E+00	1.53E-06	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	1.11E-04
57	ALL		671247.1	4341111	NonCancer	9.72E-06	4.19E-05	1.32E-04	0.00E+00	0.00E+00	5.74E-05	1.53E-05	0.00E+00	1.83E-06	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	1.32E-04
58	ALL		671468.4	4341111	NonCancer	1.15E-05	5.26E-05	1.64E-04	0.00E+00	0.00E+00	6.65E-05	1.24E-05	0.00E+00	2.34E-06	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	1.64E-04
59	ALL		671689.8	4341111	NonCancer	4.07E-05	2.02E-04	6.27E-04	0.00E+00	0.00E+00	2.34E-04	1.94E-05	0.00E+00	9.20E-06	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	6.27E-04
60	ALL		671911.1	4341111	NonCancer	3.87E-05	1.96E-04	6.11E-04	0.00E+00	0.00E+00	2.23E-04	1.82E-05	0.00E+00	9.03E-06	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	6.11E-04
61	ALL		672132.4	4341111	NonCancer	1.22E-05	6.11E-05	1.90E-04	0.00E+00	0.00E+00	7.01E-05	8.31E-06	0.00E+00	2.80E-06	0.00E+00	0.00E+00	9.01E-06	0.00E+00	0.00E+00	1.90E-04
62	ALL		672353.7	4341111	NonCancer	1.01E-05	5.07E-05	1.60E-04	0.00E+00	0.00E+00	5.99E-05	7.14E-06	0.00E+00	2.33E-06	0.00E+00	0.00E+00	9.27E-06	0.00E+00	0.00E+00	1.60E-04
63	ALL		672575	4341111	NonCancer	2.32E-05	1.09E-04	3.39E-04	0.00E+00	0.00E+00	1.33E-04	1.04E-05	0.00E+00	4.90E-06	0.00E+00	0.00E+00	2.35E-05	0.00E+00	0.00E+00	3.39E-04
64	ALL		668148.8	4341276	NonCancer	3.71E-06	1.24E-05	3.21E-05	0.00E+00	0.00E+00	1.46E-05	9.98E-06	0.00E+00	4.64E-07	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	3.21E-05
65	ALL		668370.1	4341276	NonCancer	4.11E-06	1.38E-05	3.56E-05	0.00E+00	0.00E+00	1.62E-05	1.15E-05	0.00E+00	5.13E-07	0.00E+00	0.00E+00	2.45E-06	0.00E+00	0.00E+00	3.56E-05
66	ALL		668591.4	4341276	NonCancer	4.72E-06	1.57E-05	4.03E-05	0.00E+00	0.00E+00	1.83E-05	1.36E-05	0.00E+00	5.83E-07	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	4.03E-05
67	ALL		668812.7	4341276	NonCancer	5.58E-06	1.82E-05	4.60E-05	0.00E+00	0.00E+00	2.11E-05	1.67E-05	0.00E+00	6.68E-07	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	4.60E-05
68	ALL		669034	4341276	NonCancer	6.85E-06	2.17E-05	5.34E-05	0.00E+00	0.00E+00	2.48E-05	2.21E-05	0.00E+00	7.76E-07	0.00E+00	0.00E+00	3.13E-06	0.00E+00	0.00E+00	5.34E-05
69	ALL		669255.3	4341276	NonCancer	7.51E-06	2.40E-05	5.95E-05	0.00E+00	0.00E+00	2.76E-05	2.54E-05	0.00E+00	8.65E-07	0.00E+00	0.00E+00	3.57E-06	0.00E+00	0.00E+00	5.95E-05
70	ALL		669476.7	4341276	NonCancer	8.15E-06	2.65E-05	6.68E-05	0.00E+00	0.00E+00	3.07E-05	2.94E-05	0.00E+00	9.69E-07	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	6.68E-05
71	ALL		669698	4341276	NonCancer	9.70E-06	3.11E-05	7.72E-05	0.00E+00	0.00E+00	3.58E-05	3.70E-05	0.00E+00	1.12E-06	0.00E+00	0.00E+00	4.79E-06	0.00E+00	0.00E+00	7.72E-05
72	ALL		669919.3	4341276	NonCancer	1.93E-05	7.40E-05	2.21E-04	0.00E+00	0.00E+00	1.01E-04	5.07E-05	0.00E+00	3.05E-06	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	2.21E-04
73	ALL		670140.6	4341276	NonCancer	1.76E-05	6.95E-05	2.11E-04	0.00E+00	0.00E+00	9.59E-05	6.76E-05	0.00E+00	2.91E-06	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	2.11E-04
74	ALL		670361.9	4341276	NonCancer	1.61E-05	6.37E-05	1.94E-04	0.00E+00	0.00E+00	8.75E-05	6.58E-05	0.00E+00	2.67E-06	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	1.94E-04
75	ALL		670583.2	4341276	NonCancer	1.07E-05	4.25E-05	1.32E-04	0.00E+00	0.00E+00	6.12E-05	4.55E-05	0.00E+00	1.79E-06	0.00E+00	0.00E+00	1.88E-05	0.00E+00	0.00E+00	1.32E-04
76	ALL		670804.5	4341276	NonCancer	1.01E-05	4.19E-05	1.32E-04	0.00E+00	0.00E+00	5.98E-05	2.79E-05	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	1.32E-04
77	ALL		671025.8	4341276	NonCancer	9.76E-06	4.04E-05	1.24E-04	0.00E+00	0.00E+00	5.42E-05	2.16E-05	0.00E+00	1.73E-06	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	1.24E-04
78	ALL		671247.1	4341276	NonCancer	1.28E-05	5.47E-05	1.73E-04	0.00E+00	0.00E+00	7.57E-05	2.01E-05	0.00E+00	2.38E-06	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	1.73E-04
79	ALL		671468.4	4341276	NonCancer	3.45E-05	1.58E-04	4.89E-04	0.00E+00	0.00E+00	1.95E-04	2.02E-05	0.00E+00	7.02E-06	0.00E+00	0.00E+00	3.76E-05	0.00E+00	0.00E+00	4.89E-04
80	ALL		671689.8	4341276	NonCancer	6.35E-05	3.19E-04	9.99E-04	0.00E+00	0.00E+00	3.69E-04	2.73E-05	0.00E+00	1.47E-05	0.00E+00	0.00E+00	5.00E-05	0.00E+00	0.00E+00	9.99E-04
81	ALL		671911.1	4341276	NonCancer	5.13E-05	2.58E-04	8.04E-04	0.00E+00	0.00E+00	2.96E-04	2.25E-05	0.00E+00	1.18E-05	0.00E+00	0.00E+00	3.82E-05	0.00E+00	0.00E+00	8.04E-04
82	ALL		672132.4	4341276	NonCancer	1.21E-05	6.07E-05	1.91E-04	0.00E+00	0.00E+00	7.15E-05	9.26E-06	0.00E+00	2.79E-06	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.91E-04
83	ALL		672353.7	4341276	NonCancer	7.74E-06	3.69E-05	1.15E-04	0.00E+00	0.00E+00	4.41E-05	6.60E-06	0.00E+00	1.66E-06	0.00E+00	0.00E+00	7.18E-06	0.00E+00	0.00E+00	1.15E-04
84	ALL		672575	4341276	NonCancer	2.47E-05	1.16E-04	3.61E-04	0.00E+00	0.00E+00	1.42E-04	1.15E-05	0.00E+00	5.21E-06	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	3.61E-04
85	ALL		668148.8	4341441	NonCancer	3.75E-06	1.25E-05	3.24E-05	0.00E+00	0.00E+00	1.48E-05	8.96E-06	0.00E+00	4.67E-07	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	3.24E-05
86	ALL		668370.1	4341441	NonCancer	4.22E-06	1.41E-05	3.62E-05	0.00E+00	0.00E+00	1.66E-05	1.02E-05	0.00E+00	5.23E-07	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	3.62E-05
87	ALL		668591.4	4341441	NonCancer	4.81E-06	1.60E-05	4.08E-05	0.00E+00	0.00E+00	1.86E-05	1.19E-05	0.00E+00	5.91E-07	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	4.08E-05
88	ALL		668812.7	4341441	NonCancer	5.86E-06	1.89E-05	4.70E-05	0.00E+00	0.00E+00	2.18E-05	1.48E-05	0.00E+00	6.83E-07	0.00E+00	0.00E+00	2.89E-06	0.00E+00	0.00E+00	4.70E-05
89	ALL		669034	4341441	NonCancer	6.91E-06	2.18E-05	5.36E-05	0.00E+00	0.00E+00	2.51E-05	1.88E-05	0.00E+00	7.79E-07	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	5.36E-05
90	ALL		669255.3	4341441	NonCancer	7.35E-06	2.38E-05	5.96E-05	0.00E+00	0.00E+00	2.75E-05	2.01E-05	0.00E+00	8.65E-07	0.00E+00	0.00E+00	3.70E-06	0.00E+00	0.00E+00	5.96E-05
91	ALL		669476.7	4341441	NonCancer	8.54E-06	2.74E-05	6.81E-05	0.00E+00	0.00E+00	3.17E-05	2.51E-05	0.00E+00	9.87E-07	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	6.81E-05
92	ALL		669698	4341441	NonCancer	1.05E-05	3.26E-05	7.93E-05	0.00E+00	0.00E+00	3.76E-05	3.39E-05	0.00E+00	1.15E-06	0.00E+00	0.00E+00	5.02E-06	0.00E+00	0.00E+00	7.93E-05
93	ALL		669919.3	4341441	NonCancer	1.97E-05	7.73E-05	2.34E-04	0.00E+00	0.00E+00	1.07E-04	5.09E-05	0.00E+00	3.22E-06	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	2.34E-04
94	ALL		670140.6	4341441	NonCancer	1.64E-05	6.36E-05	1.92E-04	0.00E+00	0.00E+00	8.78E-05	7.45E-05	0.00E+00	2.65E-06	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	1.92E-04
95	ALL		670361.9	4341441	NonCancer	1.41E-05	5.49E-05	1.69E-04	0.00E+00	0.00E+00	7.81E-05	9.29E-05	0.00E+00	2.30E-06	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	1.69E-04
96	ALL		670583.2	4341441	NonCancer	1.07E-05	4.09E-05	1.27E-04	0.00E+00	0.00E+00	6.01E-05	7.62E-05	0.00E+00	1.70E-06	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	1.27E-04
97	ALL		670804.5	4341441	NonCancer	1.35E-05	5.31E-05	1.68E-04	0.00E+00	0.00E+00	7.96E-05	4.34E-05	0.00E+00	2.24E-06	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	1.68E-04
98	ALL		671025.8	4341441	NonCancer	1.26E-05	5.17E-05	1.64E-04	0.00E+00	0.00E+00	7.41E-05	3.11E-05	0.00E+00	2.22E-06	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	1.64E-04

99	ALL	671689.8	4341441	NonCancer	3.96E-05	1.57E-04	4.33E-04	0.00E+00	0.00E+00	1.69E-04	1.95E-05	0.00E+00	6.46E-06	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	4.33E-04
100	ALL	671911.1	4341441	NonCancer	5.22E-05	2.56E-04	8.00E-04	0.00E+00	0.00E+00	3.01E-04	2.36E-05	0.00E+00	1.17E-05	0.00E+00	0.00E+00	4.43E-05	0.00E+00	0.00E+00	8.00E-04
101	ALL	672132.4	4341441	NonCancer	1.22E-05	5.93E-05	1.87E-04	0.00E+00	0.00E+00	7.24E-05	1.07E-05	0.00E+00	2.70E-06	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	1.87E-04
102	ALL	672353.7	4341441	NonCancer	1.29E-05	6.10E-05	1.91E-04	0.00E+00	0.00E+00	7.46E-05	1.03E-05	0.00E+00	2.75E-06	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	1.91E-04
103	ALL	672575	4341441	NonCancer	1.23E-05	3.87E-05	1.02E-04	0.00E+00	0.00E+00	5.25E-05	7.80E-06	0.00E+00	1.39E-06	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	1.02E-04
104	ALL	668148.8	4341606	NonCancer	3.98E-06	1.32E-05	3.38E-05	0.00E+00	0.00E+00	1.55E-05	8.40E-06	0.00E+00	4.89E-07	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	3.38E-05
105	ALL	668370.1	4341606	NonCancer	4.50E-06	1.48E-05	3.75E-05	0.00E+00	0.00E+00	1.72E-05	9.44E-06	0.00E+00	5.44E-07	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	3.75E-05
106	ALL	668591.4	4341606	NonCancer	5.08E-06	1.66E-05	4.18E-05	0.00E+00	0.00E+00	1.92E-05	1.07E-05	0.00E+00	6.06E-07	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	4.18E-05
107	ALL	668812.7	4341606	NonCancer	5.80E-06	1.88E-05	4.70E-05	0.00E+00	0.00E+00	2.17E-05	1.24E-05	0.00E+00	6.82E-07	0.00E+00	0.00E+00	2.94E-06	0.00E+00	0.00E+00	4.70E-05
108	ALL	669034	4341606	NonCancer	6.58E-06	2.13E-05	5.33E-05	0.00E+00	0.00E+00	2.46E-05	1.41E-05	0.00E+00	7.73E-07	0.00E+00	0.00E+00	3.30E-06	0.00E+00	0.00E+00	5.33E-05
109	ALL	669255.3	4341606	NonCancer	7.53E-06	2.43E-05	6.07E-05	0.00E+00	0.00E+00	2.81E-05	1.65E-05	0.00E+00	8.81E-07	0.00E+00	0.00E+00	3.79E-06	0.00E+00	0.00E+00	6.07E-05
110	ALL	669476.7	4341606	NonCancer	8.89E-06	2.82E-05	6.94E-05	0.00E+00	0.00E+00	3.26E-05	2.05E-05	0.00E+00	1.01E-06	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	6.94E-05
111	ALL	669698	4341606	NonCancer	1.14E-05	3.41E-05	8.05E-05	0.00E+00	0.00E+00	3.93E-05	2.59E-05	0.00E+00	1.16E-06	0.00E+00	0.00E+00	5.21E-06	0.00E+00	0.00E+00	8.05E-05
112	ALL	669919.3	4341606	NonCancer	1.93E-05	7.59E-05	2.30E-04	0.00E+00	0.00E+00	1.04E-04	4.26E-05	0.00E+00	3.17E-06	0.00E+00	0.00E+00	2.83E-05	0.00E+00	0.00E+00	2.30E-04
113	ALL	670140.6	4341606	NonCancer	1.81E-05	7.04E-05	2.13E-04	0.00E+00	0.00E+00	9.73E-05	6.69E-05	0.00E+00	2.92E-06	0.00E+00	0.00E+00	2.69E-05	0.00E+00	0.00E+00	2.13E-04
114	ALL	670361.9	4341606	NonCancer	1.31E-05	4.99E-05	1.53E-04	0.00E+00	0.00E+00	7.23E-05	9.98E-05	0.00E+00	2.07E-06	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	1.53E-04
115	ALL	670583.2	4341606	NonCancer	1.22E-05	4.51E-05	1.42E-04	0.00E+00	0.00E+00	7.02E-05	1.27E-04	0.00E+00	1.86E-06	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	1.42E-04
116	ALL	670804.5	4341606	NonCancer	2.11E-05	8.07E-05	2.50E-04	0.00E+00	0.00E+00	1.19E-04	8.84E-05	0.00E+00	3.35E-06	0.00E+00	0.00E+00	3.87E-05	0.00E+00	0.00E+00	2.50E-04
117	ALL	671025.8	4341606	NonCancer	1.83E-05	7.11E-05	2.32E-04	0.00E+00	0.00E+00	1.16E-04	4.54E-05	0.00E+00	3.00E-06	0.00E+00	0.00E+00	4.49E-05	0.00E+00	0.00E+00	2.32E-04
118	ALL	671689.8	4341606	NonCancer	5.90E-05	2.62E-04	7.58E-04	0.00E+00	0.00E+00	2.78E-04	3.02E-05	0.00E+00	1.14E-05	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	7.58E-04
119	ALL	671911.1	4341606	NonCancer	5.20E-05	2.41E-04	7.54E-04	0.00E+00	0.00E+00	3.00E-04	2.55E-05	0.00E+00	1.08E-05	0.00E+00	0.00E+00	5.92E-05	0.00E+00	0.00E+00	7.54E-04
120	ALL	672132.4	4341606	NonCancer	2.37E-05	1.12E-04	3.49E-04	0.00E+00	0.00E+00	1.36E-04	1.65E-05	0.00E+00	5.04E-06	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	3.49E-04
121	ALL	672353.7	4341606	NonCancer	1.77E-05	8.25E-05	2.57E-04	0.00E+00	0.00E+00	1.01E-04	1.28E-05	0.00E+00	3.70E-06	0.00E+00	0.00E+00	1.85E-05	0.00E+00	0.00E+00	2.57E-04
122	ALL	672575	4341606	NonCancer	1.18E-05	3.81E-05	9.31E-05	0.00E+00	0.00E+00	4.20E-05	8.87E-06	0.00E+00	1.37E-06	0.00E+00	0.00E+00	3.94E-06	0.00E+00	0.00E+00	9.31E-05
123	ALL	668148.8	4341771	NonCancer	3.83E-06	1.28E-05	3.34E-05	0.00E+00	0.00E+00	1.53E-05	7.53E-06	0.00E+00	4.80E-07	0.00E+00	0.00E+00	2.43E-06	0.00E+00	0.00E+00	3.34E-05
124	ALL	668370.1	4341771	NonCancer	4.60E-06	1.51E-05	3.81E-05	0.00E+00	0.00E+00	1.75E-05	8.61E-06	0.00E+00	5.52E-07	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	3.81E-05
125	ALL	668591.4	4341771	NonCancer	4.86E-06	1.62E-05	4.15E-05	0.00E+00	0.00E+00	1.89E-05	9.26E-06	0.00E+00	6.00E-07	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	4.15E-05
126	ALL	668812.7	4341771	NonCancer	5.58E-06	1.84E-05	4.69E-05	0.00E+00	0.00E+00	2.14E-05	1.05E-05	0.00E+00	6.79E-07	0.00E+00	0.00E+00	3.01E-06	0.00E+00	0.00E+00	4.69E-05
127	ALL	669034	4341771	NonCancer	6.61E-06	2.15E-05	5.38E-05	0.00E+00	0.00E+00	2.48E-05	1.20E-05	0.00E+00	7.81E-07	0.00E+00	0.00E+00	3.37E-06	0.00E+00	0.00E+00	5.38E-05
128	ALL	669255.3	4341771	NonCancer	8.09E-06	2.55E-05	6.25E-05	0.00E+00	0.00E+00	2.93E-05	1.49E-05	0.00E+00	9.07E-07	0.00E+00	0.00E+00	3.80E-06	0.00E+00	0.00E+00	6.25E-05
129	ALL	669476.7	4341771	NonCancer	1.03E-05	3.07E-05	7.97E-05	0.00E+00	0.00E+00	4.33E-05	1.59E-05	0.00E+00	1.06E-06	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	7.97E-05
130	ALL	669698	4341771	NonCancer	1.93E-05	7.77E-05	2.35E-04	0.00E+00	0.00E+00	1.04E-04	2.25E-05	0.00E+00	3.27E-06	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	2.35E-04
131	ALL	669919.3	4341771	NonCancer	1.82E-05	7.32E-05	2.22E-04	0.00E+00	0.00E+00	9.88E-05	3.23E-05	0.00E+00	3.08E-06	0.00E+00	0.00E+00	2.58E-05	0.00E+00	0.00E+00	2.22E-04
132	ALL	670140.6	4341771	NonCancer	1.60E-05	6.41E-05	1.96E-04	0.00E+00	0.00E+00	8.80E-05	4.75E-05	0.00E+00	2.70E-06	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	1.96E-04
133	ALL	670361.9	4341771	NonCancer	1.12E-05	4.43E-05	1.39E-04	0.00E+00	0.00E+00	6.52E-05	7.08E-05	0.00E+00	1.87E-06	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	1.39E-04
134	ALL	670583.2	4341771	NonCancer	1.80E-05	6.91E-05	2.14E-04	0.00E+00	0.00E+00	1.02E-04	1.50E-04	0.00E+00	2.87E-06	0.00E+00	0.00E+00	3.30E-05	0.00E+00	0.00E+00	2.14E-04
135	ALL	670804.5	4341771	NonCancer	4.19E-05	1.50E-04	4.65E-04	0.00E+00	0.00E+00	2.39E-04	1.27E-04	0.00E+00	6.01E-06	0.00E+00	0.00E+00	9.00E-05	0.00E+00	0.00E+00	4.65E-04
136	ALL	671025.8	4341771	NonCancer	5.21E-05	1.93E-04	6.67E-04	0.00E+00	0.00E+00	3.66E-04	4.68E-05	0.00E+00	8.09E-06	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	6.67E-04
137	ALL	671689.8	4341771	NonCancer	7.66E-05	3.56E-04	1.11E-03	0.00E+00	0.00E+00	4.35E-04	4.16E-05	0.00E+00	1.59E-05	0.00E+00	0.00E+00	7.92E-05	0.00E+00	0.00E+00	1.11E-03
138	ALL	671911.1	4341771	NonCancer	4.91E-05	2.18E-04	6.80E-04	0.00E+00	0.00E+00	2.83E-04	2.83E-05	0.00E+00	9.61E-06	0.00E+00	0.00E+00	6.45E-05	0.00E+00	0.00E+00	6.80E-04
139	ALL	672132.4	4341771	NonCancer	1.35E-05	6.14E-05	1.92E-04	0.00E+00	0.00E+00	7.78E-05	1.54E-05	0.00E+00	2.73E-06	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	1.92E-04
140	ALL	672353.7	4341771	NonCancer	8.75E-06	3.97E-05	1.23E-04	0.00E+00	0.00E+00	4.96E-05	1.10E-05	0.00E+00	1.76E-06	0.00E+00	0.00E+00	9.87E-06	0.00E+00	0.00E+00	1.23E-04
141	ALL	672575	4341771	NonCancer	1.20E-05	3.90E-05	9.64E-05	0.00E+00	0.00E+00	4.34E-05	9.92E-06	0.00E+00	1.42E-06	0.00E+00	0.00E+00	4.36E-06	0.00E+00	0.00E+00	9.64E-05
142	ALL	668148.8	4341936	NonCancer	3.72E-06	1.24E-05	3.15E-05	0.00E+00	0.00E+00	1.42E-05	6.82E-06	0.00E+00	4.59E-07	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	3.15E-05
143	ALL	668370.1	4341936	NonCancer	4.19E-06	1.40E-05	3.65E-05	0.00E+00	0.00E+00	1.68E-05	7.49E-06	0.00E+00	5.24E-07	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	3.65E-05
144	ALL	668591.4	4341936	NonCancer	4.87E-06	1.62E-05	4.16E-05	0.00E+00	0.00E+00	1.90E-05	8.35E-06	0.00E+00	6.02E-07	0.00E+00	0.00E+00	2.77E-06	0.00E+00	0.00E+00	4.16E-05
145	ALL	668812.7	4341936	NonCancer	5.76E-06	1.89E-05	4.76E-05	0.00E+00	0.00E+00	2.19E-05	9.44E-06	0.00E+00	6.91E-07	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	4.76E-05
146	ALL	669034	4341936	NonCancer	6.94E-06	2.22E-05	5.49E-05	0.00E+00	0.00E+00	2.56E-05	1.09E-05	0.00E+00	7.97E-07	0.00E+00	0.00E+00	3.36E-06	0.00E+00	0.00E+00	5.49E-05
147	ALL	669255.3	4341936	NonCancer	9.14E-06	2.73E-05	7.13E-05	0.00E+00	0.00E+00	3.88E-05	1.13E-05	0.00E+00	9.49E-07	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	7.13E-05
148	ALL	669476.7	4341936	NonCancer	1.79E-05	7.37E-05	2.23E-04	0.00E+00	0.00E+00	9.67E-05	1.57E-05	0.00E+00	3.13E-06	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	2.23E-04
149	ALL	669698	4341936	NonCancer	1.60E-05	6.66E-05	2.03E-04	0.00E+00	0.00E+00	8.73E-05	2.20E-05	0.00E+00	2.84E-06	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	2.03E-04
150	ALL	669919.3	4341936	NonCancer	1.18E-05	4.91E-05	1.51E-04	0.00E+00	0.00E+00	6.58E-05	2.67E-05	0.00E+00	2.11E-06	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	1.51E-04
151	ALL	670140.6	4341936	NonCancer	1.16E-05	4.80E-05	1.50E-04	0.00E+00	0.00E+00	6.66E-05	3.36E-05	0.00E+00	2.06E-06	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	1.50E-04
152	ALL	670361.9	4341936	NonCancer	1.39E-05	5.58E-05	1.72E-04	0.00E+00	0.00E+00	7.83E-05	4.82E-05	0.00E+00	2.36E-06	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	1.72E-04
153	ALL	670583.2	4341936	NonCancer	3.28E-05	1.24E-04	3.74E-04	0.00E+00	0.00E+00	1.77E-04	6.95E-05	0.00E+00	5.07E-06	0.00E+00	0.00E+00	5.32E-05	0.00E+00	0.00E+00	3.74E-04
154	ALL	670804.5	4341936	NonCancer	3.53E-05	1.16E-04	3.04E-04	0.00E+00	0.00E+00	1.44E-04	1.08E-04	0.00E+00	4.31E-06	0.00E+00	0.00E+00	2.75E-05	0.00E+00	0.00E+00	3.04E-04
155	ALL	671468.4	4341936	NonCancer	8.13E-05	3.96E-04	1.26E-03	0.00E+00	0.00E+00	4.95E-04	7.61E-05	0.00E+00	1.81E-05	0.00E+00	0.00E+00	9.99E-05	0.00E+00	0.00E+00	1.26E-03
156	ALL	671689.8	4341936	NonCancer	3.75E-05	1.68E-04	5.32E-04	0.00E+00	0.00E+00	2.22E-04	4.29E-05	0.00E+00	7.47E-06	0.00E+00	0.00E+00	5.36E-05	0.00E+00	0.00E+00	5.32E-04
157	ALL	671911.1	4341936	NonCancer	3.52E-05	1.47E-04	4.49E-04	0.00E+00	0.00E+00	1.94E-04	2.94E-05	0.00E+00	6.28E-06	0.00E+00	0.00E+00	4.70E-05	0.00E+00	0.00E+00	4.49E-04
158	ALL	672132.4	4341936	NonCancer	1.10E-05	4.84E-05	1.50E-04	0.00E+00	0.00E+00	6.29E-05	1.73E-05	0.00E+00	2.12E-06	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	1.50E-04
159	ALL	672353.7	4341936	NonCancer	7.37E-06	3.15E-05	9.53E-05	0.00E+00	0.00E+00	3.94E-05	1.16E-05	0.00E+00	1.36E-06	0.00E+00	0.00E+00	7.98E-06	0.00E+00	0.00E+00	9.53E-05
160	ALL	672575	4341936	NonCancer	2.28E-05	9.42E-05	2.84E-04	0.00E+00	0.00E+00	1.22E-04	1.35E-05	0.00E+00	4.01E-06	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	2.84E-04
161	ALL	668148.8	4342101	NonCancer	3.73E-06	1.25E-05	3.23E-05	0.00E+00	0.00E+00	1.49E-05	6.58E-06	0.00E+00	4.64E-07	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	3.23E-05
162	ALL	668370.1	4342101	NonCancer	4.32E-06	1.44E-05	3.72E-05	0.00E+00	0.00E+00	1.70E-05	7.25E-06	0.00E+00	5.36E-07	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	3.72E-05
163	ALL	668591.4	4342101	NonCancer	5.15E-06	1.68E-05	4.24E-05	0.00E+00	0.00E+00	1.95E-05	8.13E-06	0.00E+00	6.15E-07	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	4.24E-05
164	ALL	668812.7	4342101	NonCancer	5.81E-06	1.90E-05	4.78E-05	0.00E+00	0.00E+00	2.20E-05	8.88E-06	0.00E+00	6.93E-07	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	4.78E-05
165	ALL	669034	4342101	NonCancer	6.99E-06	2.23E-05	5.51E-05	0.00E+00	0.00E+00	2.57E-05	1.01E-05	0.00E+00	8.01E-07	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	5.51E-05
166	ALL	669255.3	4342101	NonCancer	8.45E-06	2.63E-05	6.34E-05	0.00E+00	0.00E+00	3.01E-05	1.06E-05	0.00E+00	9.21E-07	0.00E+00	0.00E+00	3.85E-06	0.00E+00	0.00E+00	6.34E-05
167	ALL	669476.7	4342101	NonCancer	1.78E-05	7.29E-05	2.19E-04	0.00E+00	0.00E+00	9.49E-05	1.38E-05	0.00E+00	3.08E-06	0.00E+00	0.00E+00	2.21E-05	0.00E+00	0.00E+00	2.19E-04
168	ALL	669698	4342101	NonCancer	1.97E-05	8.28E-05	2.53E-04	0.00E+00	0.00E+00	1.08E-04	1.80E-05	0.00E+00	3.55E-06	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	2.53E-04
169	ALL	669919.3	4342101	NonCancer	2.04E-05	8.50E-05	2.59E-04	0.00E+00	0.00E+00	1.12E-04	2.25E-05	0.00E+00	3.64E-06	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	2.59E-04
170	ALL	670140.6	4342101	NonCancer	1.68E-05	7.08E-05	2.17E-04	0.00E+00	0.00E+00	9.31E-05	3.02E-05	0.00E+00	3.05E-06	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	2.17E-04
171	ALL	670361.9	4342101	NonCancer	3.16E-05	1.20E-04	3.62E-04	0.00E+00	0.00E+00	1.69E-04	2.40E-05	0.00E+00	4.94E-06	0.00E+00	0.00E+00	4.86E-05	0.00E+00	0.00E+00	3.62E-04
172	ALL	670583.2	4342101	NonCancer	2.47E-05	8.19E-05	2.10E-04	0.00E+00	0.00E+00	9.71E-05	2.88E-05	0.00E+00	3.03E-06	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	2.10E-04
173	ALL	671468.4	4342101	NonCancer	3.32E-05	1.52E-04	4.81E-04	0.00E+00	0.00E+00	1.98E-04	8.76E-05	0.00E+00	6.77E-06	0.00E+00	0.00E+00	4.63E-05	0.00E+00	0.00E+00	4.81E-04
174	ALL	671689.8	4342101	NonCancer	2.13E-05	8.99E-05	2.82E-04	0.00E+00	0.00E+00	1.23E-04	4.55E-05	0.00E+00	3.89E-06	0.00E+00	0.00E+00	3.36E-05	0.00E+00	0.00E+00	2.82E-04
175	ALL	671911.1	4342101	NonCancer	2.47E-05	1.01E-04	3.16E-04	0.00E+00	0.00E+00	1.42E-04	2.97E-05	0.00E+00	4.33E-06	0.00E+00	0.00E+00	4.08E-05	0.00E+00	0.00E+00	3.16E-04
176	ALL	672132.4	4342101	NonCancer	1.32E-05	5.64E-05	1.78E-04	0.00E+00	0.00E+00	7.77E-05	1.95E-05	0.00E+00	2.45E-06	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	1.78E-04
177	ALL	672353.7	4342101	NonCancer	7.89E-06	3.38E-05	1.04E-04	0.00E+00	0.00E+00	4.41E-05	1.33E-05	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.04E-04
178	ALL	672575	4342101	NonCancer	2.17E-05	8.88E-05	2.68E-04	0.00E+00	0.00E+00	1.16E-04	1.36E-05	0.00E+00	3.76E-06	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	2.68E-04
179	ALL	668148.8	4342266	NonCancer	3.76E-06	1.26E-05	3.28E-05	0.00E+00	0.00E+00	1.51E-05	6.71E-06	0.00E+00	4.69E-07	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	3.28E-05
180	ALL	668370.1	4342266	NonCancer	4.35E-06	1.45E-05	3.74E-05	0.00E+00	0.00E+00	1.71E-05	7.38E-06	0.00E+00	5.39E-07	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	3.74E-05
181	ALL	668591.4	4342266	NonCancer	4.64E-06	1.56E-05	4.05E-05	0.00E+00	0.00E+00	1.87E-05	7.80E-06	0.00E+00	5.81E-07	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	4.05E-05
182	ALL	668812.7	4342266	NonCancer	5.25E-06	1.76E-05	4.57E-05	0.00E+00	0.00E+00	2.09E-05	8.49E-06	0.00E+00	6.58E-07	0.00E+00	0.00E+00	3.29E-06	0.00E+00	0.00E+00	4.57E-05
183	ALL	669034	4342266	NonCancer	5.98E-06	2.01E-05	5.20E-05	0.00E+00	0.00E+00	2.36E-05	8.94E-06	0.00E+00	7.50E-07	0.00E+00	0.00E+00	3.54E-06	0.00E+00	0.00E+00	5.20E-05
184	ALL	669255.3	4342266	NonCancer	7.25E-06	2.40E-05	6.10E-05	0.00E+00	0.00E+00	2.78E-05	9.68E-06	0.00E+00	8.84E-07	0.00E+00	0.00E+00	3.87E-06	0.00E+00	0.00E+00	6.10E-05
185	ALL	669476.7	4342266	NonCancer	8.67E-06	2.82E-05	7.06E-05	0.00E+00	0.00E+00	3.26E-05	1.05E-05	0.00E+00	1.02E-06	0.00E+00	0.00E+00	4.43E-06	0.00E+00	0.00E+00	7.06E-05
186	ALL	669698	4342266	NonCancer	1.16E-05	3.54E-05	8.45E-05	0.00E+00	0.00E+00	4.06E-05	1.21E-05	0.00E+00	1.23E-06	0.00E+00	0.00E+00	5.26E-06	0.00E+00	0.00E+00	8.45E-05
187	ALL	669919.3	4342266	NonCancer	1.35E-05	4.17E-05	1.01E-04	0.00E+00	0.00E+00	4.81E-05	1.29E-05	0.00E+00	1.46E-06	0.00E+00	0.00E+00	6.37E-06	0.00E+00	0.00E+00	1.01E-04
188	ALL	670140.6	4342266	NonCancer	1.89E-05	5.86E-05	1.58E-04	0.00E+00	0.00E+00	8.40E-05	1.48E-05	0.00E+00	2.10E-06	0.00E+00	0.00E+00	2.55E-05	0.00E+00	0.00E+00	1.58E-04
189	ALL	670361.9	4342266	NonCancer	1.87E-05	6.18E-05	1.57E-04	0.00E+00	0.00E+00	7.20E-05	1.72E-05	0.00E+00	2.27E-06	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.57E-04
190	ALL	670583.2	4342266	NonCancer	2.43E-05	8.19E-05	2.12E-04	0.00E+00	0.00E+00	9.57E-05	2.33E-05	0.00E+00	3.06E-06	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	2.12E-04
191	ALL	670804.5	4342266	NonCancer	3.67E-05	1.28E-04	3.35E-04	0.00E+00	0.00E+00	1.47E-04	4.93E-05	0.00E+00	4.87E-06	0.00E+00	0.00E+00	1.96E-05	0.00E+00	0.00E+00	3.35E-04
192	ALL	671025.8	4342266	NonCancer	1.06E-04	4.81E-04	1.45E-03	0.00E+00	0.00E+00	5.66E-04	2.65E-04	0.00E+00	2.12E-05	0.00E+00	0.00E+00	8.54E-05	0.00E+00	0.00E+00	1.45E-03
193	ALL	671247.1	4342266	NonCancer	1.13E-04	4.80E-04	1.44E-03	0.00E+00	0.00E+00	5.93E-04	1.81E-04	0.00E+00	2.06E-05	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	1.44E-03
194	ALL	671468.4	4342266	NonCancer	2.93E-05	1.31E-04	4.05E-04	0.00E+00	0.00E+00	1.65E-04	7.41E-05	0.00E+00	5.77E-06	0.00E+00	0.00E+00	3.46E-05	0.00E+00	0.00E+00	4.05E-04
195	ALL	671689.8	4342266	NonCancer	2.19E-05	9.30E-05	2.93E-04	0.00E+00	0.00E+00	1.29E-04	4.32E-05	0.00E+00	4.04E-06	0.00E+00	0.00E+00	3.57E-05	0.00E+00	0.00E+00	2.93E-04
196	ALL	671911.1	4342266	NonCancer	1.88E-05	7.64E-05	2.38E-04	0.00E+00	0.00E+00	1.08E-04	2.85E-05	0.00E+00	3.26E-06	0.00E+00	0.00E+00	3.14E-05	0.00E+00	0.00E+00	2.38E-04
197	ALL	672132.4	4342266	NonCancer	2.12E-05	8.36E-05	2.55E-04	0.00E+00	0.00E+00	1.16E-04	2.09E-05	0.00E+00	3.50E-06	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	2.55E-04

198	ALL	672353.7	4342266	NonCancer	1.71E-05	6.94E-05	2.12E-04	0.00E+00	0.00E+00	9.37E-05	1.56E-05	0.00E+00	2.94E-06	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	2.12E-04
199	ALL	672575	4342266	NonCancer	1.14E-05	3.45E-05	8.09E-05	0.00E+00	0.00E+00	3.87E-05	1.11E-05	0.00E+00	1.18E-06	0.00E+00	0.00E+00	4.20E-06	0.00E+00	0.00E+00	8.09E-05
200	ALL	668148.8	4342431	NonCancer	3.62E-06	1.19E-05	3.01E-05	0.00E+00	0.00E+00	1.37E-05	6.92E-06	0.00E+00	4.38E-07	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	3.01E-05
201	ALL	668370.1	4342431	NonCancer	4.10E-06	1.37E-05	3.58E-05	0.00E+00	0.00E+00	1.66E-05	7.56E-06	0.00E+00	5.11E-07	0.00E+00	0.00E+00	2.94E-06	0.00E+00	0.00E+00	3.58E-05
202	ALL	668591.4	4342431	NonCancer	4.45E-06	1.47E-05	3.71E-05	0.00E+00	0.00E+00	1.69E-05	8.04E-06	0.00E+00	5.39E-07	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	3.71E-05
203	ALL	668812.7	4342431	NonCancer	4.96E-06	1.63E-05	4.14E-05	0.00E+00	0.00E+00	1.89E-05	8.70E-06	0.00E+00	6.01E-07	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	4.14E-05
204	ALL	669034	4342431	NonCancer	5.58E-06	1.85E-05	4.68E-05	0.00E+00	0.00E+00	2.13E-05	9.12E-06	0.00E+00	6.79E-07	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	4.68E-05
205	ALL	669255.3	4342431	NonCancer	6.43E-06	2.13E-05	5.49E-05	0.00E+00	0.00E+00	2.55E-05	9.55E-06	0.00E+00	7.88E-07	0.00E+00	0.00E+00	4.18E-06	0.00E+00	0.00E+00	5.49E-05
206	ALL	669476.7	4342431	NonCancer	7.65E-06	2.57E-05	6.63E-05	0.00E+00	0.00E+00	3.02E-05	1.02E-05	0.00E+00	9.58E-07	0.00E+00	0.00E+00	4.47E-06	0.00E+00	0.00E+00	6.63E-05
207	ALL	669698	4342431	NonCancer	8.95E-06	2.99E-05	7.69E-05	0.00E+00	0.00E+00	3.50E-05	1.07E-05	0.00E+00	1.11E-06	0.00E+00	0.00E+00	5.07E-06	0.00E+00	0.00E+00	7.69E-05
208	ALL	669919.3	4342431	NonCancer	1.09E-05	3.65E-05	9.35E-05	0.00E+00	0.00E+00	4.25E-05	1.17E-05	0.00E+00	1.36E-06	0.00E+00	0.00E+00	5.99E-06	0.00E+00	0.00E+00	9.35E-05
209	ALL	670140.6	4342431	NonCancer	1.32E-05	4.40E-05	1.13E-04	0.00E+00	0.00E+00	5.12E-05	1.33E-05	0.00E+00	1.64E-06	0.00E+00	0.00E+00	7.19E-06	0.00E+00	0.00E+00	1.13E-04
210	ALL	670361.9	4342431	NonCancer	1.69E-05	5.68E-05	1.46E-04	0.00E+00	0.00E+00	6.59E-05	1.83E-05	0.00E+00	2.12E-06	0.00E+00	0.00E+00	9.12E-06	0.00E+00	0.00E+00	1.46E-04
211	ALL	670583.2	4342431	NonCancer	3.26E-05	1.14E-04	3.27E-04	0.00E+00	0.00E+00	1.59E-04	3.53E-05	0.00E+00	4.45E-06	0.00E+00	0.00E+00	4.47E-05	0.00E+00	0.00E+00	3.27E-04
212	ALL	670804.5	4342431	NonCancer	4.37E-05	1.57E-04	4.56E-04	0.00E+00	0.00E+00	2.17E-04	9.25E-05	0.00E+00	6.23E-06	0.00E+00	0.00E+00	6.01E-05	0.00E+00	0.00E+00	4.56E-04
213	ALL	671025.8	4342431	NonCancer	7.18E-05	2.96E-04	8.93E-04	0.00E+00	0.00E+00	3.83E-04	2.20E-04	0.00E+00	1.26E-05	0.00E+00	0.00E+00	8.81E-05	0.00E+00	0.00E+00	8.93E-04
214	ALL	671247.1	4342431	NonCancer	3.11E-05	1.41E-04	4.31E-04	0.00E+00	0.00E+00	1.70E-04	1.52E-04	0.00E+00	6.22E-06	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	4.31E-04
215	ALL	671468.4	4342431	NonCancer	2.15E-05	9.54E-05	2.97E-04	0.00E+00	0.00E+00	1.22E-04	6.14E-05	0.00E+00	4.20E-06	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	2.97E-04
216	ALL	671689.8	4342431	NonCancer	1.57E-05	6.74E-05	2.08E-04	0.00E+00	0.00E+00	8.83E-05	3.62E-05	0.00E+00	2.93E-06	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	2.08E-04
217	ALL	671911.1	4342431	NonCancer	1.36E-05	5.81E-05	1.83E-04	0.00E+00	0.00E+00	8.04E-05	2.42E-05	0.00E+00	2.53E-06	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	1.83E-04
218	ALL	672132.4	4342431	NonCancer	1.98E-05	7.87E-05	2.39E-04	0.00E+00	0.00E+00	1.08E-04	1.92E-05	0.00E+00	3.30E-06	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	2.39E-04
219	ALL	672353.7	4342431	NonCancer	1.63E-05	5.07E-05	1.39E-04	0.00E+00	0.00E+00	7.48E-05	1.40E-05	0.00E+00	1.83E-06	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	1.39E-04
220	ALL	672575	4342431	NonCancer	1.01E-05	3.09E-05	7.35E-05	0.00E+00	0.00E+00	3.49E-05	1.09E-05	0.00E+00	1.07E-06	0.00E+00	0.00E+00	4.00E-06	0.00E+00	0.00E+00	7.35E-05
221	ALL	668148.8	4342596	NonCancer	3.60E-06	1.19E-05	3.04E-05	0.00E+00	0.00E+00	1.38E-05	7.37E-06	0.00E+00	4.41E-07	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	3.04E-05
222	ALL	668370.1	4342596	NonCancer	3.95E-06	1.30E-05	3.30E-05	0.00E+00	0.00E+00	1.50E-05	7.93E-06	0.00E+00	4.80E-07	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	3.30E-05
223	ALL	668591.4	4342596	NonCancer	4.39E-06	1.45E-05	3.67E-05	0.00E+00	0.00E+00	1.67E-05	8.59E-06	0.00E+00	5.32E-07	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	3.67E-05
224	ALL	668812.7	4342596	NonCancer	4.90E-06	1.62E-05	4.11E-05	0.00E+00	0.00E+00	1.88E-05	9.37E-06	0.00E+00	5.97E-07	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	4.11E-05
225	ALL	669034	4342596	NonCancer	5.53E-06	1.84E-05	4.67E-05	0.00E+00	0.00E+00	2.12E-05	9.93E-06	0.00E+00	6.78E-07	0.00E+00	0.00E+00	2.90E-06	0.00E+00	0.00E+00	4.67E-05
226	ALL	669255.3	4342596	NonCancer	6.35E-06	2.11E-05	5.49E-05	0.00E+00	0.00E+00	2.56E-05	1.04E-05	0.00E+00	7.84E-07	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	5.49E-05
227	ALL	669476.7	4342596	NonCancer	7.22E-06	2.39E-05	6.16E-05	0.00E+00	0.00E+00	2.86E-05	1.07E-05	0.00E+00	8.84E-07	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	6.16E-05
228	ALL	669698	4342596	NonCancer	8.68E-06	2.92E-05	7.53E-05	0.00E+00	0.00E+00	3.41E-05	1.14E-05	0.00E+00	1.09E-06	0.00E+00	0.00E+00	4.91E-06	0.00E+00	0.00E+00	7.53E-05
229	ALL	669919.3	4342596	NonCancer	1.01E-05	3.37E-05	8.65E-05	0.00E+00	0.00E+00	3.94E-05	1.22E-05	0.00E+00	1.25E-06	0.00E+00	0.00E+00	5.70E-06	0.00E+00	0.00E+00	8.65E-05
230	ALL	670140.6	4342596	NonCancer	1.29E-05	4.35E-05	1.11E-04	0.00E+00	0.00E+00	5.02E-05	1.67E-05	0.00E+00	1.62E-06	0.00E+00	0.00E+00	6.78E-06	0.00E+00	0.00E+00	1.11E-04
231	ALL	670361.9	4342596	NonCancer	1.75E-05	5.62E-05	1.39E-04	0.00E+00	0.00E+00	6.40E-05	3.10E-05	0.00E+00	2.02E-06	0.00E+00	0.00E+00	7.80E-06	0.00E+00	0.00E+00	1.39E-04
232	ALL	670583.2	4342596	NonCancer	3.65E-05	1.73E-04	5.34E-04	0.00E+00	0.00E+00	2.03E-04	7.85E-05	0.00E+00	7.80E-06	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	5.34E-04
233	ALL	670804.5	4342596	NonCancer	5.66E-05	2.65E-04	8.11E-04	0.00E+00	0.00E+00	3.10E-04	1.16E-04	0.00E+00	1.19E-05	0.00E+00	0.00E+00	4.49E-05	0.00E+00	0.00E+00	8.11E-04
234	ALL	671025.8	4342596	NonCancer	6.53E-05	2.87E-04	8.75E-04	0.00E+00	0.00E+00	3.54E-04	1.58E-04	0.00E+00	1.26E-05	0.00E+00	0.00E+00	6.71E-05	0.00E+00	0.00E+00	8.75E-04
235	ALL	671247.1	4342596	NonCancer	4.30E-05	1.97E-04	6.07E-04	0.00E+00	0.00E+00	2.38E-04	1.18E-04	0.00E+00	8.77E-06	0.00E+00	0.00E+00	4.14E-05	0.00E+00	0.00E+00	6.07E-04
236	ALL	671468.4	4342596	NonCancer	1.41E-05	6.20E-05	1.92E-04	0.00E+00	0.00E+00	7.91E-05	5.14E-05	0.00E+00	2.72E-06	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	1.92E-04
237	ALL	671689.8	4342596	NonCancer	9.97E-06	4.26E-05	1.30E-04	0.00E+00	0.00E+00	5.41E-05	2.78E-05	0.00E+00	1.84E-06	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	1.30E-04
238	ALL	671911.1	4342596	NonCancer	8.30E-06	3.50E-05	1.07E-04	0.00E+00	0.00E+00	4.55E-05	1.96E-05	0.00E+00	1.50E-06	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	1.07E-04
239	ALL	672132.4	4342596	NonCancer	1.15E-05	4.92E-05	1.54E-04	0.00E+00	0.00E+00	6.66E-05	1.61E-05	0.00E+00	2.14E-06	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	1.54E-04
240	ALL	672353.7	4342596	NonCancer	1.93E-05	7.03E-05	2.07E-04	0.00E+00	0.00E+00	9.91E-05	1.40E-05	0.00E+00	2.82E-06	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	2.07E-04
241	ALL	672575	4342596	NonCancer	1.01E-05	3.05E-05	7.13E-05	0.00E+00	0.00E+00	3.42E-05	1.02E-05	0.00E+00	1.04E-06	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	7.13E-05
242	ALL	668148.8	4342761	NonCancer	3.62E-06	1.21E-05	3.15E-05	0.00E+00	0.00E+00	1.45E-05	7.94E-06	0.00E+00	4.52E-07	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	3.15E-05
243	ALL	668370.1	4342761	NonCancer	4.01E-06	1.35E-05	3.56E-05	0.00E+00	0.00E+00	1.67E-05	8.65E-06	0.00E+00	5.05E-07	0.00E+00	0.00E+00	3.19E-06	0.00E+00	0.00E+00	3.56E-05
244	ALL	668591.4	4342761	NonCancer	4.37E-06	1.45E-05	3.71E-05	0.00E+00	0.00E+00	1.69E-05	9.32E-06	0.00E+00	5.38E-07	0.00E+00	0.00E+00	2.33E-06	0.00E+00	0.00E+00	3.71E-05
245	ALL	668812.7	4342761	NonCancer	4.87E-06	1.63E-05	4.30E-05	0.00E+00	0.00E+00	2.02E-05	1.01E-05	0.00E+00	6.09E-07	0.00E+00	0.00E+00	3.97E-06	0.00E+00	0.00E+00	4.30E-05
246	ALL	669034	4342761	NonCancer	5.57E-06	1.88E-05	4.96E-05	0.00E+00	0.00E+00	2.30E-05	1.08E-05	0.00E+00	7.06E-07	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	4.96E-05
247	ALL	669255.3	4342761	NonCancer	6.33E-06	2.14E-05	5.61E-05	0.00E+00	0.00E+00	2.56E-05	1.11E-05	0.00E+00	8.06E-07	0.00E+00	0.00E+00	4.17E-06	0.00E+00	0.00E+00	5.61E-05
248	ALL	669476.7	4342761	NonCancer	7.07E-06	2.38E-05	6.22E-05	0.00E+00	0.00E+00	2.87E-05	1.11E-05	0.00E+00	8.91E-07	0.00E+00	0.00E+00	4.89E-06	0.00E+00	0.00E+00	6.22E-05
249	ALL	669698	4342761	NonCancer	9.45E-06	3.09E-05	7.78E-05	0.00E+00	0.00E+00	3.56E-05	1.32E-05	0.00E+00	1.13E-06	0.00E+00	0.00E+00	4.67E-06	0.00E+00	0.00E+00	7.78E-05
250	ALL	669919.3	4342761	NonCancer	1.08E-05	3.57E-05	8.99E-05	0.00E+00	0.00E+00	4.09E-05	1.61E-05	0.00E+00	1.31E-06	0.00E+00	0.00E+00	5.23E-06	0.00E+00	0.00E+00	8.99E-05
251	ALL	670140.6	4342761	NonCancer	2.29E-05	9.02E-05	2.67E-04	0.00E+00	0.00E+00	1.18E-04	2.62E-05	0.00E+00	3.75E-06	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	2.67E-04
252	ALL	670361.9	4342761	NonCancer	3.43E-05	1.52E-04	4.62E-04	0.00E+00	0.00E+00	1.86E-04	4.52E-05	0.00E+00	6.64E-06	0.00E+00	0.00E+00	3.49E-05	0.00E+00	0.00E+00	4.62E-04
253	ALL	670583.2	4342761	NonCancer	3.05E-05	1.50E-04	4.65E-04	0.00E+00	0.00E+00	1.73E-04	7.84E-05	0.00E+00	6.84E-06	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	4.65E-04
254	ALL	670804.5	4342761	NonCancer	4.12E-05	2.01E-04	6.19E-04	0.00E+00	0.00E+00	2.30E-04	9.90E-05	0.00E+00	9.10E-06	0.00E+00	0.00E+00	3.00E-05	0.00E+00	0.00E+00	6.19E-04
255	ALL	671025.8	4342761	NonCancer	4.01E-05	1.91E-04	5.89E-04	0.00E+00	0.00E+00	2.23E-04	1.11E-04	0.00E+00	8.61E-06	0.00E+00	0.00E+00	3.24E-05	0.00E+00	0.00E+00	5.89E-04
256	ALL	671247.1	4342761	NonCancer	1.77E-05	8.07E-05	2.49E-04	0.00E+00	0.00E+00	9.80E-05	8.08E-05	0.00E+00	3.59E-06	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	2.49E-04
257	ALL	671468.4	4342761	NonCancer	1.15E-05	5.12E-05	1.57E-04	0.00E+00	0.00E+00	6.29E-05	4.54E-05	0.00E+00	2.25E-06	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	1.57E-04
258	ALL	671689.8	4342761	NonCancer	9.14E-06	3.97E-05	1.21E-04	0.00E+00	0.00E+00	4.95E-05	2.55E-05	0.00E+00	1.73E-06	0.00E+00	0.00E+00	9.85E-06	0.00E+00	0.00E+00	1.21E-04
259	ALL	671911.1	4342761	NonCancer	6.82E-06	2.84E-05	8.53E-05	0.00E+00	0.00E+00	3.59E-05	1.59E-05	0.00E+00	1.21E-06	0.00E+00	0.00E+00	7.58E-06	0.00E+00	0.00E+00	8.53E-05
260	ALL	672132.4	4342761	NonCancer	7.42E-06	3.23E-05	1.02E-04	0.00E+00	0.00E+00	4.39E-05	1.38E-05	0.00E+00	1.42E-06	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	1.02E-04
261	ALL	672353.7	4342761	NonCancer	1.94E-05	7.69E-05	2.31E-04	0.00E+00	0.00E+00	1.03E-04	1.34E-05	0.00E+00	3.21E-06	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	2.31E-04
262	ALL	672575	4342761	NonCancer	1.55E-05	5.64E-05	1.64E-04	0.00E+00	0.00E+00	7.77E-05	1.05E-05	0.00E+00	2.25E-06	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	1.64E-04
263	ALL	668148.8	4342926	NonCancer	3.59E-06	1.20E-05	3.14E-05	0.00E+00	0.00E+00	1.46E-05	8.52E-06	0.00E+00	4.48E-07	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	3.14E-05
264	ALL	668370.1	4342926	NonCancer	3.93E-06	1.32E-05	3.50E-05	0.00E+00	0.00E+00	1.65E-05	9.20E-06	0.00E+00	4.95E-07	0.00E+00	0.00E+00	3.28E-06	0.00E+00	0.00E+00	3.50E-05
265	ALL	668591.4	4342926	NonCancer	4.39E-06	1.48E-05	3.96E-05	0.00E+00	0.00E+00	1.87E-05	9.88E-06	0.00E+00	5.58E-07	0.00E+00	0.00E+00	3.89E-06	0.00E+00	0.00E+00	3.96E-05
266	ALL	668812.7	4342926	NonCancer	4.80E-06	1.62E-05	4.40E-05	0.00E+00	0.00E+00	2.11E-05	1.04E-05	0.00E+00	6.12E-07	0.00E+00	0.00E+00	4.96E-06	0.00E+00	0.00E+00	4.40E-05
267	ALL	669034	4342926	NonCancer	5.37E-06	1.82E-05	4.89E-05	0.00E+00	0.00E+00	2.32E-05	1.07E-05	0.00E+00	6.86E-07	0.00E+00	0.00E+00	5.02E-06	0.00E+00	0.00E+00	4.89E-05
268	ALL	669476.7	4342926	NonCancer	6.95E-06	2.36E-05	6.15E-05	0.00E+00	0.00E+00	2.79E-05	1.15E-05	0.00E+00	8.86E-07	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	6.15E-05
269	ALL	669698	4342926	NonCancer	9.26E-06	2.99E-05	7.43E-05	0.00E+00	0.00E+00	3.41E-05	1.60E-05	0.00E+00	1.08E-06	0.00E+00	0.00E+00	4.23E-06	0.00E+00	0.00E+00	7.43E-05
270	ALL	669919.3	4342926	NonCancer	1.57E-05	5.61E-05	1.61E-04	0.00E+00	0.00E+00	7.64E-05	2.13E-05	0.00E+00	2.21E-06	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	1.61E-04
271	ALL	670140.6	4342926	NonCancer	2.86E-05	1.30E-04	3.99E-04	0.00E+00	0.00E+00	1.58E-04	3.74E-05	0.00E+00	5.77E-06	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	3.99E-04
272	ALL	670361.9	4342926	NonCancer	3.28E-05	1.54E-04	4.72E-04	0.00E+00	0.00E+00	1.82E-04	5.35E-05	0.00E+00	6.87E-06	0.00E+00	0.00E+00	2.84E-05	0.00E+00	0.00E+00	4.72E-04
273	ALL	670583.2	4342926	NonCancer	3.24E-05	1.37E-04	4.11E-04	0.00E+00	0.00E+00	1.71E-04	6.36E-05	0.00E+00	5.86E-06	0.00E+00	0.00E+00	3.42E-05	0.00E+00	0.00E+00	4.11E-04
274	ALL	670804.5	4342926	NonCancer	4.28E-05	1.97E-04	6.03E-04	0.00E+00	0.00E+00	2.35E-04	7.98E-05	0.00E+00	8.76E-06	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	6.03E-04
275	ALL	671025.8	4342926	NonCancer	1.51E-05	7.12E-05	2.20E-04	0.00E+00	0.00E+00	8.37E-05	7.34E-05	0.00E+00	3.20E-06	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	2.20E-04
276	ALL	671247.1	4342926	NonCancer	1.41E-05	6.47E-05	1.99E-04	0.00E+00	0.00E+00	7.86E-05	6.13E-05	0.00E+00	2.88E-06	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	1.99E-04
277	ALL	671468.4	4342926	NonCancer	9.00E-06	3.96E-05	1.20E-04	0.00E+00	0.00E+00	4.77E-05	3.63E-05	0.00E+00	1.73E-06	0.00E+00	0.00E+00	8.17E-06	0.00E+00	0.00E+00	1.20E-04
278	ALL	671689.8	4342926	NonCancer	7.51E-06	3.27E-05	9.89E-05	0.00E+00	0.00E+00	3.99E-05	2.22E-05	0.00E+00	1.42E-06	0.00E+00	0.00E+00	7.24E-06	0.00E+00	0.00E+00	9.89E-05
279	ALL	671911.1	4342926	NonCancer	5.99E-06	2.54E-05	7.72E-05	0.00E+00	0.00E+00	3.22E-05	1.43E-05	0.00E+00	1.10E-06	0.00E+00	0.00E+00	6.76E-06	0.00E+00	0.00E+00	7.72E-05
280	ALL	672132.4	4342926	NonCancer	4.82E-06	2.07E-05	6.41E-05	0.00E+00	0.00E+00	2.73E-05	1.03E-05	0.00E+00	8.97E-07	0.00E+00	0.00E+00	6.68E-06	0.00E+00	0.00E+00	6.41E-05
281	ALL	672353.7	4342926	NonCancer	9.34E-06	4.02E-05	1.25E-04	0.00E+00	0.00E+00	5.37E-05	1.09E-05	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	1.25E-04
282	ALL	672575	4342926	NonCancer	1.61E-05	6.53E-05	1.96E-04	0.00E+00	0.00E+00	8.54E-05	1.04E-05	0.00E+00	2.75E-06	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	1.96E-04
283	ALL	668148.8	4343090	NonCancer	3.45E-06	1.14E-05	2.90E-05	0.00E+00	0.00E+00	1.32E-05	8.77E-06	0.00E+00	4.21E-07	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	2.90E-05
284	ALL	668370.1	4343090	NonCancer	3.77E-06	1.25E-05	3.21E-05	0.00E+00	0.00E+00	1.47E-05	9.22E-06	0.00E+00	4.65E-07	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	3.21E-05
285	ALL	668591.4	4343090	NonCancer	4.26E-06	1.44E-05	3.92E-05	0.00E+00	0.00E+00	1.88E-05	9.70E-06	0.00E+00	5.46E-07	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	3.92E-05
286	ALL	669476.7	4343090	NonCancer	6.39E-06	2.17E-05	5.71E-05	0.00E+00	0.00E+00	2.62E-05	1.27E-05	0.00E+00	8.16E-07	0.00E+00	0.00E+00	4.53E-06	0.00E+00	0.00E+00	5.71E-05
287	ALL	669698	4343090	NonCancer	7.37E-06	2.47E-05	6.33E-05	0.00E+00	0.00E+00	2.86E-05	1.65E-05	0.00E+00	9.18E-07	0.00E+00	0.00E+00	3.97E-06	0.00E+00	0.00E+00	6.33E-05
288	ALL	669919.3	4343090	NonCancer	9.26E-06	3.00E-05	7.49E-05	0.00E+00	0.00E+00	3.43E-05	2.40E-05	0.00E+00	1.09E-06	0.00E+00	0.00E+00	4.24E-06	0.00E+00	0.00E+00	7.49E-05
289	ALL	670140.6	4343090	NonCancer	1.60E-05	5.52E-05	1.56E-04	0.00E+00	0.00E+00	7.59E-05	3.44E-05	0.00E+00	2.13E-06	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	1.56E-04
290	ALL	670361.9	4343090	NonCancer	1.28E-05	4.08E-05	1.00E-04	0.00E+00	0.00E+00	4.62E-05	4.48E-05	0.00E+00	1.46E-06	0.00E+00	0.00E+00	5.40E-06	0.00E+00	0.00E+00	1.00E-04
291	ALL	670583.2	4343090	NonCancer	1.34E-05	4.43E-05	1.12E-04	0.00E+00	0.00E+00	5.03E-05	5.05E-05	0.00E+00	1.63E-06	0.00E+00	0.00E+00	6.02E-06	0.00E+00	0.00E+00	1.12E-04
292	ALL	670804.5	4343090	NonCancer	2.91E-05	1.19E-04	3.54E-04	0.00E+00	0.00E+00	1.51E-04	6.18E-05	0.00E+00	5.02E-06	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	3.54E-04
293	ALL	671025.8	4343090	NonCancer	1.14E-05	5.22E-05	1.59E-04	0.00E+00	0.00E+00	6.20E-05	5.44E-05	0.00E+00	2.32E-06	0.00E+00	0.00E+00	9.83E-06	0.00E+00	0.00E+00	1.59E-04
294	ALL	671247.1	4343090	NonCancer	1.06E-05	4.78E-05	1.47E-04	0.00E+00	0.00E+00	5.86E-05	4.70E-05	0.00E+00	2.11E-06	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	1.47E-04
295	ALL	671468.4	4343090	NonCancer	7.68E-06	3.41E-05	1.04E-04	0.00E+00	0.00E+00	4.13E-05	3.07E-05	0.00E+00	1.50E-06	0.00E+00	0.00E+00	7.23E-06	0.00E+00	0.00E+00	1.04E-04
296	ALL	671689.8	4343090	NonCancer	6.14E-06	2.73E-05	8.42E-05	0.00E+00	0.00E+00	3.43E-05	1.95E-05	0.00E+00	1.20E-06	0.00E+00	0.00E+00	7.07E-06	0.00E+00	0.00E+00	8.42E-05

297	ALL	671911.1	4343090	NonCancer	5.19E-06	2.24E-05	6.91E-05	0.00E+00	0.00E+00	0.00E+00	2.90E-05	1.29E-05	0.00E+00	9.74E-07	0.00E+00	0.00E+00	6.60E-06	0.00E+00	0.00E+00	6.91E-05
298	ALL	672132.4	4343090	NonCancer	4.49E-06	1.92E-05	5.81E-05	0.00E+00	0.00E+00	0.00E+00	2.41E-05	9.48E-06	0.00E+00	8.28E-07	0.00E+00	0.00E+00	4.91E-06	0.00E+00	0.00E+00	5.81E-05
299	ALL	672353.7	4343090	NonCancer	3.79E-06	1.62E-05	4.89E-05	0.00E+00	0.00E+00	0.00E+00	2.03E-05	7.15E-06	0.00E+00	6.97E-07	0.00E+00	0.00E+00	4.19E-06	0.00E+00	0.00E+00	4.89E-05
300	ALL	672575	4343090	NonCancer	5.10E-06	2.25E-05	7.08E-05	0.00E+00	0.00E+00	0.00E+00	3.01E-05	7.30E-06	0.00E+00	9.89E-07	0.00E+00	0.00E+00	7.70E-06	0.00E+00	0.00E+00	7.08E-05
301	ALL	668148.8	4343255	NonCancer	3.37E-06	1.12E-05	2.86E-05	0.00E+00	0.00E+00	0.00E+00	1.30E-05	8.62E-06	0.00E+00	4.14E-07	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	2.86E-05
302	ALL	668370.1	4343255	NonCancer	3.68E-06	1.23E-05	3.15E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05	8.84E-06	0.00E+00	4.55E-07	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	3.15E-05
303	ALL	668591.4	4343255	NonCancer	4.08E-06	1.37E-05	3.57E-05	0.00E+00	0.00E+00	0.00E+00	1.64E-05	9.09E-06	0.00E+00	5.12E-07	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	3.57E-05
304	ALL	669476.7	4343255	NonCancer	6.19E-06	2.07E-05	5.37E-05	0.00E+00	0.00E+00	0.00E+00	2.45E-05	1.49E-05	0.00E+00	7.73E-07	0.00E+00	0.00E+00	3.82E-06	0.00E+00	0.00E+00	5.37E-05
305	ALL	669698	4343255	NonCancer	7.04E-06	2.35E-05	6.03E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-05	1.90E-05	0.00E+00	8.75E-07	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	6.03E-05
306	ALL	669919.3	4343255	NonCancer	8.39E-06	2.76E-05	6.96E-05	0.00E+00	0.00E+00	0.00E+00	3.16E-05	2.56E-05	0.00E+00	1.01E-06	0.00E+00	0.00E+00	3.96E-06	0.00E+00	0.00E+00	6.96E-05
307	ALL	670140.6	4343255	NonCancer	9.76E-06	3.17E-05	7.92E-05	0.00E+00	0.00E+00	0.00E+00	3.61E-05	3.31E-05	0.00E+00	1.16E-06	0.00E+00	0.00E+00	4.33E-06	0.00E+00	0.00E+00	7.92E-05
308	ALL	670361.9	4343255	NonCancer	1.03E-05	3.43E-05	8.71E-05	0.00E+00	0.00E+00	0.00E+00	3.91E-05	3.77E-05	0.00E+00	1.27E-06	0.00E+00	0.00E+00	4.80E-06	0.00E+00	0.00E+00	8.71E-05
309	ALL	670583.2	4343255	NonCancer	1.10E-05	3.69E-05	9.42E-05	0.00E+00	0.00E+00	0.00E+00	4.21E-05	4.10E-05	0.00E+00	1.37E-06	0.00E+00	0.00E+00	5.23E-06	0.00E+00	0.00E+00	9.42E-05
310	ALL	670804.5	4343255	NonCancer	1.37E-05	4.39E-05	1.08E-04	0.00E+00	0.00E+00	0.00E+00	4.97E-05	4.78E-05	0.00E+00	1.58E-06	0.00E+00	0.00E+00	5.78E-06	0.00E+00	0.00E+00	1.08E-04
311	ALL	671025.8	4343255	NonCancer	1.03E-05	4.82E-05	1.48E-04	0.00E+00	0.00E+00	0.00E+00	5.66E-05	4.33E-05	0.00E+00	2.16E-06	0.00E+00	0.00E+00	8.47E-06	0.00E+00	0.00E+00	1.48E-04
312	ALL	671247.1	4343255	NonCancer	8.60E-06	3.89E-05	1.20E-04	0.00E+00	0.00E+00	0.00E+00	4.75E-05	3.65E-05	0.00E+00	1.72E-06	0.00E+00	0.00E+00	8.69E-06	0.00E+00	0.00E+00	1.20E-04
313	ALL	671468.4	4343255	NonCancer	7.10E-06	3.18E-05	9.76E-05	0.00E+00	0.00E+00	0.00E+00	3.90E-05	2.69E-05	0.00E+00	1.40E-06	0.00E+00	0.00E+00	7.21E-06	0.00E+00	0.00E+00	9.76E-05
314	ALL	671689.8	4343255	NonCancer	5.53E-06	2.41E-05	7.32E-05	0.00E+00	0.00E+00	0.00E+00	2.97E-05	1.74E-05	0.00E+00	1.05E-06	0.00E+00	0.00E+00	5.65E-06	0.00E+00	0.00E+00	7.32E-05
315	ALL	671911.1	4343255	NonCancer	4.62E-06	1.98E-05	5.96E-05	0.00E+00	0.00E+00	0.00E+00	2.43E-05	1.18E-05	0.00E+00	8.55E-07	0.00E+00	0.00E+00	4.56E-06	0.00E+00	0.00E+00	5.96E-05
316	ALL	672132.4	4343255	NonCancer	4.08E-06	1.76E-05	5.32E-05	0.00E+00	0.00E+00	0.00E+00	2.19E-05	8.66E-06	0.00E+00	7.60E-07	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	5.32E-05
317	ALL	672353.7	4343255	NonCancer	3.77E-06	1.60E-05	4.85E-05	0.00E+00	0.00E+00	0.00E+00	2.04E-05	6.77E-06	0.00E+00	6.88E-07	0.00E+00	0.00E+00	4.41E-06	0.00E+00	0.00E+00	4.85E-05
318	ALL	672575	4343255	NonCancer	3.07E-06	1.31E-05	3.99E-05	0.00E+00	0.00E+00	0.00E+00	1.66E-05	5.27E-06	0.00E+00	5.67E-07	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	3.99E-05
319	ALL	668148.8	4343420	NonCancer	3.37E-06	1.13E-05	2.92E-05	0.00E+00	0.00E+00	0.00E+00	1.32E-05	8.25E-06	0.00E+00	4.22E-07	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	2.92E-05
320	ALL	668370.1	4343420	NonCancer	3.64E-06	1.22E-05	3.15E-05	0.00E+00	0.00E+00	0.00E+00	1.43E-05	8.42E-06	0.00E+00	4.55E-07	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	3.15E-05
321	ALL	668591.4	4343420	NonCancer	3.92E-06	1.31E-05	3.41E-05	0.00E+00	0.00E+00	0.00E+00	1.57E-05	8.76E-06	0.00E+00	4.88E-07	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	3.41E-05
322	ALL	668812.7	4343420	NonCancer	4.28E-06	1.44E-05	3.87E-05	0.00E+00	0.00E+00	0.00E+00	1.83E-05	9.56E-06	0.00E+00	5.42E-07	0.00E+00	0.00E+00	3.96E-06	0.00E+00	0.00E+00	3.87E-05
323	ALL	669034	4343420	NonCancer	4.53E-06	1.51E-05	5.29E-05	0.00E+00	0.00E+00	0.00E+00	3.19E-05	1.09E-05	0.00E+00	6.03E-07	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	5.29E-05
324	ALL	669255.3	4343420	NonCancer	5.02E-06	1.66E-05	4.79E-05	0.00E+00	0.00E+00	0.00E+00	2.49E-05	1.29E-05	0.00E+00	6.30E-07	0.00E+00	0.00E+00	8.36E-06	0.00E+00	0.00E+00	4.79E-05
325	ALL	669476.7	4343420	NonCancer	5.58E-06	1.85E-05	4.98E-05	0.00E+00	0.00E+00	0.00E+00	2.40E-05	1.57E-05	0.00E+00	6.93E-07	0.00E+00	0.00E+00	5.54E-06	0.00E+00	0.00E+00	4.98E-05
326	ALL	669698	4343420	NonCancer	6.77E-06	2.26E-05	5.76E-05	0.00E+00	0.00E+00	0.00E+00	2.60E-05	2.09E-05	0.00E+00	8.37E-07	0.00E+00	0.00E+00	3.43E-06	0.00E+00	0.00E+00	5.76E-05
327	ALL	669919.3	4343420	NonCancer	7.51E-06	2.51E-05	6.40E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-05	2.53E-05	0.00E+00	9.32E-07	0.00E+00	0.00E+00	3.71E-06	0.00E+00	0.00E+00	6.40E-05
328	ALL	670140.6	4343420	NonCancer	7.92E-06	2.66E-05	6.85E-05	0.00E+00	0.00E+00	0.00E+00	3.07E-05	2.83E-05	0.00E+00	9.95E-07	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	6.85E-05
329	ALL	670361.9	4343420	NonCancer	8.78E-06	2.95E-05	7.56E-05	0.00E+00	0.00E+00	0.00E+00	3.38E-05	3.21E-05	0.00E+00	1.10E-06	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	7.56E-05
330	ALL	670583.2	4343420	NonCancer	9.54E-06	3.22E-05	8.26E-05	0.00E+00	0.00E+00	0.00E+00	3.68E-05	3.47E-05	0.00E+00	1.21E-06	0.00E+00	0.00E+00	4.58E-06	0.00E+00	0.00E+00	8.26E-05
331	ALL	670804.5	4343420	NonCancer	1.21E-05	3.89E-05	9.61E-05	0.00E+00	0.00E+00	0.00E+00	4.39E-05	3.95E-05	0.00E+00	1.41E-06	0.00E+00	0.00E+00	4.98E-06	0.00E+00	0.00E+00	9.61E-05
332	ALL	671025.8	4343420	NonCancer	2.31E-05	1.08E-04	3.31E-04	0.00E+00	0.00E+00	0.00E+00	1.28E-04	4.08E-05	0.00E+00	4.81E-06	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	3.31E-04
333	ALL	671247.1	4343420	NonCancer	1.18E-05	5.63E-05	1.75E-04	0.00E+00	0.00E+00	0.00E+00	6.75E-05	3.34E-05	0.00E+00	2.54E-06	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.75E-04
334	ALL	671468.4	4343420	NonCancer	6.10E-06	2.73E-05	8.38E-05	0.00E+00	0.00E+00	0.00E+00	3.34E-05	2.26E-05	0.00E+00	1.21E-06	0.00E+00	0.00E+00	6.09E-06	0.00E+00	0.00E+00	8.38E-05
335	ALL	671689.8	4343420	NonCancer	5.06E-06	2.21E-05	6.71E-05	0.00E+00	0.00E+00	0.00E+00	2.71E-05	1.58E-05	0.00E+00	9.64E-07	0.00E+00	0.00E+00	4.97E-06	0.00E+00	0.00E+00	6.71E-05
336	ALL	671911.1	4343420	NonCancer	4.07E-06	1.79E-05	5.45E-05	0.00E+00	0.00E+00	0.00E+00	2.18E-05	1.09E-05	0.00E+00	7.84E-07	0.00E+00	0.00E+00	3.90E-06	0.00E+00	0.00E+00	5.45E-05
337	ALL	672132.4	4343420	NonCancer	3.52E-06	1.54E-05	4.72E-05	0.00E+00	0.00E+00	0.00E+00	1.93E-05	7.92E-06	0.00E+00	6.73E-07	0.00E+00	0.00E+00	3.90E-06	0.00E+00	0.00E+00	4.72E-05
338	ALL	672353.7	4343420	NonCancer	3.11E-06	1.35E-05	4.12E-05	0.00E+00	0.00E+00	0.00E+00	1.70E-05	6.08E-06	0.00E+00	5.86E-07	0.00E+00	0.00E+00	3.50E-06	0.00E+00	0.00E+00	4.12E-05
339	ALL	672575	4343420	NonCancer	2.81E-06	1.22E-05	3.73E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-05	4.89E-06	0.00E+00	5.30E-07	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	3.73E-05
340	ALL	668148.8	4343585	NonCancer	3.43E-06	1.15E-05	3.04E-05	0.00E+00	0.00E+00	0.00E+00	1.41E-05	8.08E-06	0.00E+00	4.33E-07	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	3.04E-05
341	ALL	668370.1	4343585	NonCancer	3.67E-06	1.24E-05	3.30E-05	0.00E+00	0.00E+00	0.00E+00	1.54E-05	8.45E-06	0.00E+00	4.68E-07	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	3.30E-05
342	ALL	668591.4	4343585	NonCancer	3.75E-06	1.27E-05	3.30E-05	0.00E+00	0.00E+00	0.00E+00	1.51E-05	8.96E-06	0.00E+00	4.75E-07	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	3.30E-05
343	ALL	668812.7	4343585	NonCancer	4.02E-06	1.34E-05	3.78E-05	0.00E+00	0.00E+00	0.00E+00	1.90E-05	1.02E-05	0.00E+00	5.09E-07	0.00E+00	0.00E+00	5.60E-06	0.00E+00	0.00E+00	3.78E-05
344	ALL	669034	4343585	NonCancer	4.49E-06	1.50E-05	4.09E-05	0.00E+00	0.00E+00	0.00E+00	1.99E-05	1.20E-05	0.00E+00	5.65E-07	0.00E+00	0.00E+00	4.90E-06	0.00E+00	0.00E+00	4.09E-05
345	ALL	669255.3	4343585	NonCancer	4.91E-06	1.64E-05	4.39E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-05	1.43E-05	0.00E+00	6.17E-07	0.00E+00	0.00E+00	4.36E-06	0.00E+00	0.00E+00	4.39E-05
346	ALL	669476.7	4343585	NonCancer	5.42E-06	1.82E-05	4.79E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-05	1.71E-05	0.00E+00	6.81E-07	0.00E+00	0.00E+00	4.09E-06	0.00E+00	0.00E+00	4.79E-05
347	ALL	669698	4343585	NonCancer	5.89E-06	1.97E-05	5.17E-05	0.00E+00	0.00E+00	0.00E+00	2.41E-05	1.98E-05	0.00E+00	7.36E-07	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	5.17E-05
348	ALL	669919.3	4343585	NonCancer	6.49E-06	2.18E-05	5.67E-05	0.00E+00	0.00E+00	0.00E+00	2.59E-05	2.29E-05	0.00E+00	8.15E-07	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	5.67E-05
349	ALL	670140.6	4343585	NonCancer	7.16E-06	2.40E-05	6.20E-05	0.00E+00	0.00E+00	0.00E+00	2.80E-05	2.58E-05	0.00E+00	8.98E-07	0.00E+00	0.00E+00	3.99E-06	0.00E+00	0.00E+00	6.20E-05
350	ALL	670361.9	4343585	NonCancer	7.84E-06	2.64E-05	6.78E-05	0.00E+00	0.00E+00	0.00E+00	3.04E-05	2.82E-05	0.00E+00	9.85E-07	0.00E+00	0.00E+00	4.02E-06	0.00E+00	0.00E+00	6.78E-05
351	ALL	670583.2	4343585	NonCancer	8.48E-06	2.87E-05	7.39E-05	0.00E+00	0.00E+00	0.00E+00	3.28E-05	3.00E-05	0.00E+00	1.08E-06	0.00E+00	0.00E+00	4.05E-06	0.00E+00	0.00E+00	7.39E-05
352	ALL	670804.5	4343585	NonCancer	9.62E-06	3.23E-05	8.21E-05	0.00E+00	0.00E+00	0.00E+00	3.66E-05	3.14E-05	0.00E+00	1.20E-06	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	8.21E-05
353	ALL	671025.8	4343585	NonCancer	1.10E-05	3.57E-05	8.87E-05	0.00E+00	0.00E+00	0.00E+00	4.02E-05	3.11E-05	0.00E+00	1.30E-06	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	8.87E-05
354	ALL	671247.1	4343585	NonCancer	1.22E-05	5.84E-05	1.82E-04	0.00E+00	0.00E+00	0.00E+00	6.97E-05	2.87E-05	0.00E+00	2.64E-06	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	1.82E-04
355	ALL	671468.4	4343585	NonCancer	6.56E-06	3.00E-05	9.30E-05	0.00E+00	0.00E+00	0.00E+00	3.70E-05	2.11E-05	0.00E+00	1.34E-06	0.00E+00	0.00E+00	6.96E-06	0.00E+00	0.00E+00	9.30E-05
356	ALL	671689.8	4343585	NonCancer	5.39E-06	2.42E-05	7.40E-05	0.00E+00	0.00E+00	0.00E+00	2.95E-05	1.57E-05	0.00E+00	1.06E-06	0.00E+00	0.00E+00	5.40E-06	0.00E+00	0.00E+00	7.40E-05
357	ALL	671911.1	4343585	NonCancer	4.06E-06	1.84E-05	5.62E-05	0.00E+00	0.00E+00	0.00E+00	2.21E-05	1.07E-05	0.00E+00	8.12E-07	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	5.62E-05
358	ALL	672132.4	4343585	NonCancer	3.58E-06	1.57E-05	4.81E-05	0.00E+00	0.00E+00	0.00E+00	1.96E-05	7.87E-06	0.00E+00	6.87E-07	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	4.81E-05
359	ALL	672353.7	4343585	NonCancer	2.98E-06	1.29E-05	3.91E-05	0.00E+00	0.00E+00	0.00E+00	1.60E-05	5.83E-06	0.00E+00	5.61E-07	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	3.91E-05
360	ALL	672575	4343585	NonCancer	2.82E-06	1.21E-05	3.63E-05	0.00E+00	0.00E+00	0.00E+00	1.49E-05	4.70E-06	0.00E+00	5.20E-07	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	3.63E-05
361	ALL	668148.8	4343750	NonCancer	3.31E-06	1.12E-05	2.95E-05	0.00E+00	0.00E+00	0.00E+00	1.37E-05	7.99E-06	0.00E+00	4.20E-07	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	2.95E-05
362	ALL	668370.1	4343750	NonCancer	3.62E-06	1.21E-05	3.13E-05	0.00E+00	0.00E+00	0.00E+00	1.44E-05	8.85E-06	0.00E+00	4.50E-07	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	3.13E-05
363	ALL	668591.4	4343750	NonCancer	3.72E-06	1.23E-05	3.22E-05	0.00E+00	0.00E+00	0.00E+00	1.50E-05	9.73E-06	0.00E+00	4.58E-07	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	3.22E-05
364	ALL	668812.7	4343750	NonCancer	3.98E-06	1.33E-05	3.52E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-05	1.10E-05	0.00E+00	4.96E-07	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	3.52E-05
365	ALL	669034	4343750	NonCancer	4.69E-06	1.53E-05	3.89E-05	0.00E+00	0.00E+00	0.00E+00	1.80E-05	1.37E-05	0.00E+00	5.61E-07	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	3.89E-05
366	ALL	669255.3	4343750	NonCancer	5.03E-06	1.66E-05	4.25E-05	0.00E+00	0.00E+00	0.00E+00	1.95E-05	1.59E-05	0.00E+00	6.14E-07	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	4.25E-05
367	ALL	669476.7	4343750	NonCancer	5.18E-06	1.74E-05	4.54E-05	0.00E+00	0.00E+00	0.00E+00	2.08E-05	1.77E-05	0.00E+00	6.51E-07	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	4.54E-05
368	ALL	669698	4343750	NonCancer	5.57E-06	1.87E-05	4.90E-05	0.00E+00	0.00E+00	0.00E+00	2.25E-05	1.98E-05	0.00E+00	7.03E-07	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	4.90E-05
369	ALL	669919.3	4343750	NonCancer	6.04E-06	2.03E-05	5.29E-05	0.00E+00	0.00E+00	0.00E+00	2.41E-05	2.18E-05	0.00E+00	7.62E-07	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	5.29E-05
370	ALL	670140.6	4343750	NonCancer	6.60E-06	2.23E-05	5.75E-05	0.00E+00	0.00E+00	0.00E+00	2.58E-05	2.38E-05	0.00E+00	8.33E-07	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	5.75E-05
371	ALL	670361.9	4343750	NonCancer	7.27E-06	2.46E-05	6.32E-05	0.00E+00	0.00E+00	0.00E+00	2.82E-05	2.56E-05	0.00E+00	9.21E-07	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	6.32E-05
372	ALL	670583.2	4343750	NonCancer	7.57E-06	2.54E-05	6.49E-05	0.00E+00	0.00E+00	0.00E+00	2.91E-05	2.60E-05	0.00E+00	9.44E-07	0.00E+00	0.00E+00	3.77E-06	0.00E+00	0.00E+00	6.49E-05
373	ALL	670804.5	4343750	NonCancer	8.18E-06	2.78E-05	7.17E-05	0.00E+00	0.00E+00	0.00E+00	3.17E-05	2.60E-05	0.00E+00	1.05E-06	0.00E+00	0.00E+00	3.88E-06	0.00E+00	0.00E+00	7.17E-05
374	ALL	671025.8	4343750	NonCancer	8.74E-06	2.98E-05	7.66E-05	0.00E+00	0.00E+00	0.00E+00	3.37E-05	2.51E-05	0.00E+00	1.12E-06	0.00E+00	0.00E+00	3.94E-06	0.00E+00	0.00E+00	7.66E-05
375	ALL	671247.1	4343750	NonCancer	1.29E-05	4.23E-05	1.17E-04	0.00E+00	0.00E+00	0.00E+00	5.95E-05	2.37E-05	0.00E+00	1.58E-06	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	1.17E-04
376	ALL	671468.4	4343750	NonCancer	1.38E-05	5.17E-05	1.50E-04	0.00E+00	0.00E+00	0.00E+00	6.81E-05	2.08E-05	0.00E+00	2.09E-06	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	1.50E-04
377	ALL	671689.8	4343750	NonCancer	1.64E-05	6.83E-05	2.05E-04	0.00E+00	0.00E+00	0.00E+00	8.64E-05	1.81E-05	0.00E+00	2.91E-06	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	2.05E-04
378	ALL	671911.1	4343750	NonCancer	9.66E-06	4.38E-05	1.35E-04	0.00E+00	0.00E+00	0.00E+00	5.41E-05	1.35E-05	0.00E+00	1.94E-06	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	1.35E-04
379	ALL	672132.4	4343750	NonCancer	4.38E-06	1.95E-05	6.04E-05	0.00E+00	0.00E+00	0.00E+00	2.47E-05	8.59E-06	0.00E+00	8.60E-07	0.00E+00	0.00E+00	5.22E-06	0.00E+00	0.00E+00	6.04E-05
380	ALL	672353.7	4343750	NonCancer	3.13E-06	1.39E-05	4.21E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-05	5.94E-06	0.00E+00	6.10E-07	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	4.21E-05
381	ALL	672575	4343750	NonCancer	2.80E-06	1.25E-05	3.83E-05	0.00E+00	0.00E+00	0.00E+00	1.55E-05	4.74E-06	0.00E+00	5.47E-07	0.00E+00	0.00E+00	3.06E-06	0.00E+00	0.00E+00	3.83E-05
382	ALL	668148.8	4343915	NonCancer	3.05E-06	1.03E-05	2.73E-05	0.00E+00	0.00E+00	0.00E+00	1.28E-05	8.06E-06	0.00E+00	3.86E-07	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	2.73E-05
383	ALL	668370.1	4343915	NonCancer	3.40E-06	1.12E-05	2.88E-05	0.00E+00	0.00E+00	0.00E+00	1.34E-05	9.18E-06	0.00E+00	4.12E-07	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.88E-05
384	ALL	668591.4	4343915	NonCancer	3.83E-06	1.25E-05	3.16E-05	0.00E+00	0.00E+00	0.00E+00	1.47E-05	1.07E-05	0.00E+00	4.55E-07	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	3.16E-05
385	ALL	668812.7	4343915	NonCancer	4.06E-06	1.33E-05	3.41E-05	0.00E+00	0.00E+00	0.00E+00	1.58E-05	1.22E-05	0.00E+00	4.90E-07	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	3.41E-05
386	ALL	669034	4343915	NonCancer	4.62E-06	1.50E-05	3.76E-05	0.00E+00	0.00E+00	0.00E+00	1.74E-05	1.46E-05	0.00E+00	5.44E-07	0.00E+00	0.00E+00	2.44E-06	0.00E+00	0.00E+00	3.76E-05
387	ALL	669255.3	4343915	NonCancer	5.03E-06	1.63E-05	4.08E-05	0.00E+00	0.00E+00	0.00E+00	1.88E-05	1.69E-05	0.00E+00	5.92E-07	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	4.08E-05
388	ALL	669476.7	4343915	NonCancer	5.15E-06	1.71E-05	4.36E-05	0.00E+00	0.00E+00	0.00E+00	1.98E-05	1.82E-05	0.00E+00	6.32E-07	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	4.36E-05
389	ALL	669698	4343915	NonCancer	5.28E-06	1.78E-05	4.63E-05	0.00E+00	0.00E+00	0.00E+00	2.10E-05	1.92E-05	0.00E+00	6.68E-07	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	4.63E-05
390	ALL	669919.3	4343915	NonCancer	5.62E-06	1.90E-05	4.92E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-05	2.05E-05	0.00E+00	7.10E-07	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	4.92E-05
391	ALL	670140.6	4343915	NonCancer	6.15E-06	2.08E-05	5.36E-05	0.00E+00	0.00E+00	0.00E+00	2.40E-05	2.19E-05	0.00E+00	7.79E-07	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	5.36E-05
392	ALL	670361.9	4343915	NonCancer	6.55E-06	2.23E-05	5.76E-05	0.00E+00	0.00E+00	0.00E+00	2.56E-05	2.27E-05	0.00E+00	8.40E-07	0.00E+00	0.00E+00	3.27E-06	0.00E+00	0.00E+00	5.76E-05
393	ALL	670583.2	4343915	NonCancer	7.11E-06	2.40E-05	6.15E-05	0.00E+00	0.00E+00	0.00E+00	2.74E-05	2.32E-05	0.00E+00	8.98E-07	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	6.15E-05
394	ALL	670804.5	4343915	NonCancer	7.55E-06	2.57E-05	6.61E-05	0.00E+00	0.00E+00	0.00E+00	2.91E-05	2.30E-05	0.00E+00	9.66E-07	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	6.61E-05
395	ALL	671025.8	4343915	NonCancer	8.43E-06	2.79E-05	7.03E-05	0.00E+00	0.00E+00	0.00E+00	3.14E-05	2.22E-05	0.00E+00	1.03E-06	0.00E+00	0.00E+00	3.49E-06	0.00E+00	0.00E+00	7.03E-05

396	ALL	671247.1	4343915	NonCancer	8.12E-06	2.74E-05	7.00E-05	0.00E+00	0.00E+00	3.10E-05	1.96E-05	0.00E+00	1.02E-06	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	7.00E-05
397	ALL	671468.4	4343915	NonCancer	1.44E-05	5.89E-05	1.75E-04	0.00E+00	0.00E+00	7.44E-05	1.90E-05	0.00E+00	2.49E-06	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	1.75E-04
398	ALL	671689.8	4343915	NonCancer	1.48E-05	6.59E-05	2.01E-04	0.00E+00	0.00E+00	8.09E-05	1.65E-05	0.00E+00	2.90E-06	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	2.01E-04
399	ALL	671911.1	4343915	NonCancer	7.88E-06	3.61E-05	1.12E-04	0.00E+00	0.00E+00	4.44E-05	1.22E-05	0.00E+00	1.60E-06	0.00E+00	0.00E+00	8.32E-06	0.00E+00	0.00E+00	1.12E-04
400	ALL	672132.4	4343915	NonCancer	6.81E-06	3.08E-05	9.57E-05	0.00E+00	0.00E+00	3.89E-05	9.67E-06	0.00E+00	1.36E-06	0.00E+00	0.00E+00	8.16E-06	0.00E+00	0.00E+00	9.57E-05
401	ALL	672353.7	4343915	NonCancer	4.78E-06	2.16E-05	6.72E-05	0.00E+00	0.00E+00	2.75E-05	7.03E-06	0.00E+00	9.55E-07	0.00E+00	0.00E+00	5.90E-06	0.00E+00	0.00E+00	6.72E-05
402	ALL	672575	4343915	NonCancer	3.66E-06	1.66E-05	5.12E-05	0.00E+00	0.00E+00	2.06E-05	5.33E-06	0.00E+00	7.33E-07	0.00E+00	0.00E+00	4.05E-06	0.00E+00	0.00E+00	5.12E-05
403	ALL	668148.8	4344080	NonCancer	2.96E-06	9.82E-06	2.57E-05	0.00E+00	0.00E+00	1.21E-05	8.45E-06	0.00E+00	3.65E-07	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	2.57E-05
404	ALL	668370.1	4344080	NonCancer	3.25E-06	1.07E-05	2.78E-05	0.00E+00	0.00E+00	1.29E-05	9.53E-06	0.00E+00	3.97E-07	0.00E+00	0.00E+00	2.20E-06	0.00E+00	0.00E+00	2.78E-05
405	ALL	668591.4	4344080	NonCancer	3.64E-06	1.19E-05	3.02E-05	0.00E+00	0.00E+00	1.40E-05	1.11E-05	0.00E+00	4.36E-07	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	3.02E-05
406	ALL	668812.7	4344080	NonCancer	4.07E-06	1.32E-05	3.31E-05	0.00E+00	0.00E+00	1.53E-05	1.30E-05	0.00E+00	4.79E-07	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	3.31E-05
407	ALL	669034	4344080	NonCancer	4.49E-06	1.44E-05	3.59E-05	0.00E+00	0.00E+00	1.66E-05	1.52E-05	0.00E+00	5.21E-07	0.00E+00	0.00E+00	2.22E-06	0.00E+00	0.00E+00	3.59E-05
408	ALL	669255.3	4344080	NonCancer	4.92E-06	1.58E-05	3.92E-05	0.00E+00	0.00E+00	1.81E-05	1.72E-05	0.00E+00	5.70E-07	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	3.92E-05
409	ALL	669476.7	4344080	NonCancer	4.80E-06	1.60E-05	4.10E-05	0.00E+00	0.00E+00	1.86E-05	1.74E-05	0.00E+00	5.95E-07	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	4.10E-05
410	ALL	669698	4344080	NonCancer	5.01E-06	1.68E-05	4.35E-05	0.00E+00	0.00E+00	1.97E-05	1.83E-05	0.00E+00	6.30E-07	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	4.35E-05
411	ALL	669919.3	4344080	NonCancer	5.36E-06	1.81E-05	4.65E-05	0.00E+00	0.00E+00	2.09E-05	1.93E-05	0.00E+00	6.75E-07	0.00E+00	0.00E+00	2.85E-06	0.00E+00	0.00E+00	4.65E-05
412	ALL	670140.6	4344080	NonCancer	6.23E-06	2.04E-05	5.12E-05	0.00E+00	0.00E+00	2.32E-05	2.12E-05	0.00E+00	7.48E-07	0.00E+00	0.00E+00	2.81E-06	0.00E+00	0.00E+00	5.12E-05
413	ALL	670361.9	4344080	NonCancer	5.96E-06	2.02E-05	5.21E-05	0.00E+00	0.00E+00	2.32E-05	2.02E-05	0.00E+00	7.59E-07	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	5.21E-05
414	ALL	670583.2	4344080	NonCancer	6.56E-06	2.22E-05	5.68E-05	0.00E+00	0.00E+00	2.52E-05	2.06E-05	0.00E+00	8.29E-07	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	5.68E-05
415	ALL	670804.5	4344080	NonCancer	7.46E-06	2.45E-05	6.11E-05	0.00E+00	0.00E+00	2.76E-05	2.08E-05	0.00E+00	8.95E-07	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	6.11E-05
416	ALL	671025.8	4344080	NonCancer	1.62E-05	6.87E-05	2.06E-04	0.00E+00	0.00E+00	8.51E-05	2.16E-05	0.00E+00	2.95E-06	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	2.06E-04
417	ALL	671247.1	4344080	NonCancer	7.80E-06	2.57E-05	6.43E-05	0.00E+00	0.00E+00	2.89E-05	1.76E-05	0.00E+00	9.42E-07	0.00E+00	0.00E+00	3.23E-06	0.00E+00	0.00E+00	6.43E-05
418	ALL	671468.4	4344080	NonCancer	6.87E-06	2.28E-05	5.74E-05	0.00E+00	0.00E+00	2.55E-05	1.55E-05	0.00E+00	8.43E-07	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	5.74E-05
419	ALL	671689.8	4344080	NonCancer	9.36E-06	4.35E-05	1.35E-04	0.00E+00	0.00E+00	5.30E-05	1.39E-05	0.00E+00	1.95E-06	0.00E+00	0.00E+00	9.52E-06	0.00E+00	0.00E+00	1.35E-04
420	ALL	671911.1	4344080	NonCancer	4.17E-06	1.91E-05	5.93E-05	0.00E+00	0.00E+00	2.39E-05	9.53E-06	0.00E+00	8.48E-07	0.00E+00	0.00E+00	4.85E-06	0.00E+00	0.00E+00	5.93E-05
421	ALL	672132.4	4344080	NonCancer	3.32E-06	1.50E-05	4.56E-05	0.00E+00	0.00E+00	1.79E-05	7.17E-06	0.00E+00	6.62E-07	0.00E+00	0.00E+00	2.91E-06	0.00E+00	0.00E+00	4.56E-05
422	ALL	672353.7	4344080	NonCancer	3.25E-06	1.44E-05	4.39E-05	0.00E+00	0.00E+00	1.75E-05	5.87E-06	0.00E+00	6.34E-07	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	4.39E-05
423	ALL	672575	4344080	NonCancer	2.84E-06	1.27E-05	3.87E-05	0.00E+00	0.00E+00	1.54E-05	4.65E-06	0.00E+00	5.60E-07	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	3.87E-05
424	ALL	671464.7	4342094	NonCancer	3.47E-05	1.59E-04	5.01E-04	0.00E+00	0.00E+00	2.04E-04	8.90E-05	0.00E+00	7.09E-06	0.00E+00	0.00E+00	4.55E-05	0.00E+00	0.00E+00	5.01E-04
425	ALL	671482.2	4342064	NonCancer	3.62E-05	1.66E-04	5.27E-04	0.00E+00	0.00E+00	2.15E-04	8.29E-05	0.00E+00	7.45E-06	0.00E+00	0.00E+00	4.88E-05	0.00E+00	0.00E+00	5.27E-04
426	ALL	671498.6	4342030	NonCancer	3.80E-05	1.74E-04	5.50E-04	0.00E+00	0.00E+00	2.23E-04	7.64E-05	0.00E+00	7.79E-06	0.00E+00	0.00E+00	4.87E-05	0.00E+00	0.00E+00	5.50E-04
427	ALL	671513.8	4341992	NonCancer	4.17E-05	1.92E-04	6.10E-04	0.00E+00	0.00E+00	2.49E-04	6.89E-05	0.00E+00	8.60E-06	0.00E+00	0.00E+00	5.73E-05	0.00E+00	0.00E+00	6.10E-04
428	ALL	671541.8	4341965	NonCancer	4.11E-05	1.88E-04	5.94E-04	0.00E+00	0.00E+00	2.43E-04	6.09E-05	0.00E+00	8.39E-06	0.00E+00	0.00E+00	5.50E-05	0.00E+00	0.00E+00	5.94E-04
429	ALL	671575.6	4341974	NonCancer	3.25E-05	1.46E-04	4.64E-04	0.00E+00	0.00E+00	1.93E-04	5.49E-05	0.00E+00	6.51E-06	0.00E+00	0.00E+00	4.67E-05	0.00E+00	0.00E+00	4.64E-04
430	ALL	671460.8	4342163	NonCancer	2.94E-05	1.33E-04	4.21E-04	0.00E+00	0.00E+00	1.73E-04	8.66E-05	0.00E+00	5.94E-06	0.00E+00	0.00E+00	4.01E-05	0.00E+00	0.00E+00	4.21E-04
431	ALL	671451	4342187	NonCancer	2.93E-05	1.32E-04	4.16E-04	0.00E+00	0.00E+00	1.70E-04	8.59E-05	0.00E+00	5.88E-06	0.00E+00	0.00E+00	3.81E-05	0.00E+00	0.00E+00	4.16E-04
432	ALL	671510.7	4342220	NonCancer	2.49E-05	1.10E-04	3.44E-04	0.00E+00	0.00E+00	1.43E-04	6.87E-05	0.00E+00	4.85E-06	0.00E+00	0.00E+00	3.31E-05	0.00E+00	0.00E+00	3.44E-04
433	ALL	671524.1	4342193	NonCancer	2.40E-05	1.05E-04	3.32E-04	0.00E+00	0.00E+00	1.40E-04	6.87E-05	0.00E+00	4.64E-06	0.00E+00	0.00E+00	3.47E-05	0.00E+00	0.00E+00	3.32E-04
434	ALL	671522.9	4342251	NonCancer	2.53E-05	1.11E-04	3.49E-04	0.00E+00	0.00E+00	1.46E-04	6.42E-05	0.00E+00	4.90E-06	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	3.49E-04
435	ALL	671599.1	4342253	NonCancer	2.20E-05	9.48E-05	2.96E-04	0.00E+00	0.00E+00	1.27E-04	5.29E-05	0.00E+00	4.13E-06	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	2.96E-04
436	ALL	671627.8	4342257	NonCancer	2.18E-05	9.32E-05	2.91E-04	0.00E+00	0.00E+00	1.25E-04	4.94E-05	0.00E+00	4.05E-06	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	2.91E-04
437	ALL	671583.9	4342116	NonCancer	2.08E-05	9.07E-05	2.84E-04	0.00E+00	0.00E+00	1.20E-04	5.83E-05	0.00E+00	3.97E-06	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	2.84E-04
438	ALL	671595.5	4342072	NonCancer	2.13E-05	9.32E-05	2.93E-04	0.00E+00	0.00E+00	1.24E-04	5.64E-05	0.00E+00	4.10E-06	0.00E+00	0.00E+00	3.08E-05	0.00E+00	0.00E+00	2.93E-04
439	ALL	671663.1	4342056	NonCancer	2.12E-05	9.05E-05	2.83E-04	0.00E+00	0.00E+00	1.22E-04	4.76E-05	0.00E+00	3.93E-06	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	2.83E-04
440	ALL	671600.9	4342030	NonCancer	2.39E-05	1.05E-04	3.32E-04	0.00E+00	0.00E+00	1.40E-04	5.49E-05	0.00E+00	4.63E-06	0.00E+00	0.00E+00	3.55E-05	0.00E+00	0.00E+00	3.32E-04
441	ALL	671526.6	4342156	NonCancer	2.37E-05	1.05E-04	3.31E-04	0.00E+00	0.00E+00	1.38E-04	6.89E-05	0.00E+00	4.64E-06	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	3.31E-04
442	ALL	671629	4342292	NonCancer	2.23E-05	9.70E-05	3.08E-04	0.00E+00	0.00E+00	1.34E-04	4.77E-05	0.00E+00	4.26E-06	0.00E+00	0.00E+00	3.70E-05	0.00E+00	0.00E+00	3.08E-04
443	ALL	671641.8	4341981	NonCancer	2.76E-05	1.22E-04	3.81E-04	0.00E+00	0.00E+00	1.60E-04	4.74E-05	0.00E+00	5.34E-06	0.00E+00	0.00E+00	3.84E-05	0.00E+00	0.00E+00	3.81E-04
444	ALL	671666.8	4342019	NonCancer	2.38E-05	1.02E-04	3.21E-04	0.00E+00	0.00E+00	1.38E-04	4.65E-05	0.00E+00	4.46E-06	0.00E+00	0.00E+00	3.62E-05	0.00E+00	0.00E+00	3.21E-04
445	ALL	671407.1	4342220	NonCancer	3.35E-05	1.52E-04	4.72E-04	0.00E+00	0.00E+00	1.90E-04	9.47E-05	0.00E+00	6.74E-06	0.00E+00	0.00E+00	3.83E-05	0.00E+00	0.00E+00	4.72E-04
446	ALL	671415.6	4342183	NonCancer	3.39E-05	1.55E-04	4.87E-04	0.00E+00	0.00E+00	1.98E-04	9.75E-05	0.00E+00	6.90E-06	0.00E+00	0.00E+00	4.28E-05	0.00E+00	0.00E+00	4.87E-04
447	ALL	671635.1	4341706	NonCancer	1.11E-04	5.55E-04	1.75E-03	0.00E+00	0.00E+00	6.62E-04	5.10E-05	0.00E+00	2.55E-05	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	1.75E-03
448	ALL	671693.6	4341710	NonCancer	7.44E-05	3.43E-04	1.09E-03	0.00E+00	0.00E+00	4.42E-04	3.77E-05	0.00E+00	1.54E-05	0.00E+00	0.00E+00	9.87E-05	0.00E+00	0.00E+00	1.09E-03
449	ALL	671719.8	4341736	NonCancer	6.73E-05	3.01E-04	9.51E-04	0.00E+00	0.00E+00	3.99E-04	3.59E-05	0.00E+00	1.33E-05	0.00E+00	0.00E+00	9.78E-05	0.00E+00	0.00E+00	9.51E-04
450	ALL	671673.5	4341630	NonCancer	6.95E-05	3.15E-04	9.67E-04	0.00E+00	0.00E+00	3.84E-04	3.36E-05	0.00E+00	1.39E-05	0.00E+00	0.00E+00	6.93E-05	0.00E+00	0.00E+00	9.67E-04
451	ALL	671888	4341936	NonCancer	3.87E-05	1.60E-04	4.89E-04	0.00E+00	0.00E+00	2.12E-04	3.10E-05	0.00E+00	6.83E-06	0.00E+00	0.00E+00	5.24E-05	0.00E+00	0.00E+00	4.89E-04
452	ALL	671977.6	4341952	NonCancer	2.49E-05	1.07E-04	3.31E-04	0.00E+00	0.00E+00	1.41E-04	2.55E-05	0.00E+00	4.64E-06	0.00E+00	0.00E+00	3.39E-05	0.00E+00	0.00E+00	3.31E-04
453	ALL	672039.2	4341895	NonCancer	1.70E-05	7.52E-05	2.36E-04	0.00E+00	0.00E+00	9.96E-05	2.05E-05	0.00E+00	3.31E-06	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	2.36E-04
454	ALL	671858.2	4341754	NonCancer	4.47E-05	1.80E-04	5.53E-04	0.00E+00	0.00E+00	2.50E-04	2.66E-05	0.00E+00	7.58E-06	0.00E+00	0.00E+00	7.10E-05	0.00E+00	0.00E+00	5.53E-04
455	ALL	671922.8	4341634	NonCancer	5.06E-05	2.35E-04	7.35E-04	0.00E+00	0.00E+00	2.94E-04	2.56E-05	0.00E+00	1.05E-05	0.00E+00	0.00E+00	5.91E-05	0.00E+00	0.00E+00	7.35E-04
456	ALL	671613.7	4341791	NonCancer	9.08E-05	4.34E-04	1.35E-03	0.00E+00	0.00E+00	5.18E-04	4.98E-05	0.00E+00	1.96E-05	0.00E+00	0.00E+00	8.37E-05	0.00E+00	0.00E+00	1.35E-03
457	ALL	671853.3	4341731	NonCancer	4.48E-05	1.81E-04	5.62E-04	0.00E+00	0.00E+00	2.54E-04	2.61E-05	0.00E+00	7.70E-06	0.00E+00	0.00E+00	7.24E-05	0.00E+00	0.00E+00	5.62E-04
458	ALL	671783.8	4341586	NonCancer	4.27E-05	1.71E-04	5.05E-04	0.00E+00	0.00E+00	2.18E-04	2.23E-05	0.00E+00	7.12E-06	0.00E+00	0.00E+00	4.77E-05	0.00E+00	0.00E+00	5.05E-04
459	ALL	671783.2	4341547	NonCancer	4.13E-05	1.65E-04	4.91E-04	0.00E+00	0.00E+00	2.13E-04	2.11E-05	0.00E+00	6.91E-06	0.00E+00	0.00E+00	4.84E-05	0.00E+00	0.00E+00	4.91E-04
460	ALL	671769.2	4341461	NonCancer	3.85E-05	1.52E-04	4.51E-04	0.00E+00	0.00E+00	1.99E-04	1.88E-05	0.00E+00	6.32E-06	0.00E+00	0.00E+00	4.66E-05	0.00E+00	0.00E+00	4.51E-04
461	ALL	671800.9	4341421	NonCancer	3.78E-05	1.52E-04	4.61E-04	0.00E+00	0.00E+00	2.05E-04	1.79E-05	0.00E+00	6.41E-06	0.00E+00	0.00E+00	5.28E-05	0.00E+00	0.00E+00	4.61E-04
462	ALL	671880.1	4341427	NonCancer	5.97E-05	2.94E-04	9.19E-04	0.00E+00	0.00E+00	3.45E-04	2.59E-05	0.00E+00	1.34E-05	0.00E+00	0.00E+00	5.07E-05	0.00E+00	0.00E+00	9.19E-04
463	ALL	672012.4	4341505	NonCancer	1.91E-05	9.55E-05	3.02E-04	0.00E+00	0.00E+00	1.15E-04	1.48E-05	0.00E+00	4.39E-06	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	3.02E-04
464	ALL	672084.3	4341548	NonCancer	2.19E-05	1.05E-04	3.26E-04	0.00E+00	0.00E+00	1.26E-04	1.57E-05	0.00E+00	4.72E-06	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	3.26E-04
465	ALL	671915.5	4341478	NonCancer	5.16E-05	2.50E-04	7.78E-04	0.00E+00	0.00E+00	2.94E-04	2.37E-05	0.00E+00	1.14E-05	0.00E+00	0.00E+00	4.36E-05	0.00E+00	0.00E+00	7.78E-04
466	ALL	671903.3	4341564	NonCancer	5.28E-05	2.49E-04	7.77E-04	0.00E+00	0.00E+00	3.04E-04	2.51E-05	0.00E+00	1.12E-05	0.00E+00	0.00E+00	5.50E-05	0.00E+00	0.00E+00	7.77E-04
467	ALL	671863.1	4341522	NonCancer	5.94E-05	2.84E-04	8.84E-04	0.00E+00	0.00E+00	3.41E-04	2.67E-05	0.00E+00	1.28E-05	0.00E+00	0.00E+00	5.71E-05	0.00E+00	0.00E+00	8.84E-04
468	ALL	671830.1	4341336	NonCancer	4.82E-05	2.25E-04	7.00E-04	0.00E+00	0.00E+00	2.77E-04	2.11E-05	0.00E+00	1.01E-05	0.00E+00	0.00E+00	5.20E-05	0.00E+00	0.00E+00	7.00E-04
469	ALL	671835.6	4341288	NonCancer	5.33E-05	2.58E-04	8.05E-04	0.00E+00	0.00E+00	3.07E-04	2.27E-05	0.00E+00	1.17E-05	0.00E+00	0.00E+00	4.93E-05	0.00E+00	0.00E+00	8.05E-04
470	ALL	671825.9	4341275	NonCancer	5.37E-05	2.62E-04	8.16E-04	0.00E+00	0.00E+00	3.10E-04	2.29E-05	0.00E+00	1.19E-05	0.00E+00	0.00E+00	4.82E-05	0.00E+00	0.00E+00	8.16E-04
471	ALL	672136.7	4341371	NonCancer	1.14E-05	5.56E-05	1.73E-04	0.00E+00	0.00E+00	6.57E-05	9.38E-06	0.00E+00	2.53E-06	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.73E-04
472	ALL	671920.3	4341307	NonCancer	4.66E-05	2.34E-04	7.30E-04	0.00E+00	0.00E+00	2.68E-04	2.14E-05	0.00E+00	1.08E-05	0.00E+00	0.00E+00	3.38E-05	0.00E+00	0.00E+00	7.30E-04
473	ALL	671695.4	4341257	NonCancer	6.02E-05	3.03E-04	9.47E-04	0.00E+00	0.00E+00	3.49E-04	2.62E-05	0.00E+00	1.39E-05	0.00E+00	0.00E+00	4.67E-05	0.00E+00	0.00E+00	9.47E-04
474	ALL	671682	4341176	NonCancer	4.17E-05	2.08E-04	6.48E-04	0.00E+00	0.00E+00	2.39E-04	2.06E-05	0.00E+00	9.53E-06	0.00E+00	0.00E+00	3.08E-05	0.00E+00	0.00E+00	6.48E-04
475	ALL	671991.7	4341196	NonCancer	4.13E-05	2.08E-04	6.49E-04	0.00E+00	0.00E+00	2.38E-04	1.89E-05	0.00E+00	9.57E-06	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	6.49E-04
476	ALL	672022.1	4341232	NonCancer	3.45E-05	1.75E-04	5.46E-04	0.00E+00	0.00E+00	2.00E-04	1.70E-05	0.00E+00	8.04E-06	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	5.46E-04
477	ALL	671992.3	4341178	NonCancer	3.42E-05	1.75E-04	5.47E-04	0.00E+00	0.00E+00	1.99E-04	1.71E-05	0.00E+00	8.07E-06	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	5.47E-04
478	ALL	671540.6	4341238	NonCancer	1.84E-05	8.89E-05	2.80E-04	0.00E+00	0.00E+00	1.09E-04	1.52E-05	0.00E+00	4.03E-06	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	2.80E-04
479	ALL	671575.3	4341178	NonCancer	1.60E-05	7.67E-05	2.40E-04	0.00E+00	0.00E+00	9.31E-05	1.36E-05	0.00E+00	3.47E-06	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	2.40E-04
480	ALL	671454.7	4341196	NonCancer	1.43E-05	6.54E-05	2.05E-04	0.00E+00	0.00E+00	8.35E-05	1.48E-05	0.00E+00	2.92E-06	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	2.05E-04
481	ALL	671523.5	4341116	NonCancer	1.28E-05	5.98E-05	1.87E-04	0.00E+00	0.00E+00	7.38E-05	1.21E-05	0.00E+00	2.68E-06	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	1.87E-04
482	ALL	671413.2	4341127	NonCancer	1.25E-05	5.52E-05	1.71E-04	0.00E+00	0.00E+00	7.10E-05	1.48E-05	0.00E+00	2.43E-06	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	1.71E-04
483	ALL	671471.1	4341065	NonCancer	1.11E-05	5.08E-05	1.59E-04	0.00E+00	0.00E+00	6.43E-05	1.20E-05	0.00E+00	2.26E-06	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	1.59E-04
484	ALL	671601.6	4341051	NonCancer	2.05E-05	1.02E-04	3.22E-04	0.00E+00	0.00E+00	1.22E-04	1.38E-05	0.00E+00	4.68E-06	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	3.22E-04
485	ALL	671198.6	4341254	NonCancer	1.08E-05	4.45E-05	1.39E-04	0.00E+00	0.00E+00	6.22E-05	1.87E-05	0.00E+00	1.91E-06	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	1.39E-04
486	ALL	671278.5	4341212	NonCancer	1.22E-05	5.15E-05	1.60E-04	0.00E+00	0.00E+00	6.98E-05	1.83E-05	0.00E+00	2.22E-06	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	1.60E-04
487	ALL	671230.3	4341133	NonCancer	9.47E-06	4.03E-05	1.26E-04	0.00E+00	0.00E+00	5.47E-05	1.53E-05	0.00E+00	1.75E-06	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	1.26E-04
488	ALL	671073.1	4341272	NonCancer	9.71E-06	4.00E-05	1.23E-04	0.00E+00	0.00E+00	5.40E-05	2.02E-05	0.00E+00	1.71E-06	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	1.23E-04
489	ALL	671122.5	4341374	NonCancer	1.29E-05	5.42E-05	1.71E-04	0.00E+00	0.00E+00	7.57E-05	2.49E-05	0.00E+00	2.34E-06	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	1.71E-04
490	ALL	671118.8	4341397	NonCancer	1.38E-05	5.79E-05	1.81E-04	0.00E+00	0.00E+00	7.92E-05	2.60E-05	0.00E+00	2.50E-06	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	1.81E-04
491	ALL	670978.4	4341324	NonCancer	1.03E-05	4.30E-05	1.34E-04	0.00E+00	0.00E+00	5.89E-05	2.55E-05	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	1.34E-04
492	ALL	670932.9	4341394	NonCancer	1.17E-05	4.74E-05	1.49E-04	0.00E+00	0.00E+00	6.83E-05	3.13E-05	0.00E+00	2.02E-06	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	1.49E-04
493	ALL	670935.2	4341367	NonCancer	1.13E-05	4.63E-05	1.45E-04	0.00E+00	0.00E+00	6.53E-05	2.96E-05	0.00E+00	1.99E-06	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	1.45E-04
494	ALL	671108	4340976	NonCancer	8.90E-06	3.67E-05	1.14E-04	0.00E+00	0.00E+00	5.11E-05	1.45E-05	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	1.14E-04

495	ALL	671286.7	4340979	NonCancer	9.29E-06	4.00E-05	1.24E-04	0.00E+00	0.00E+00	5.26E-05	1.26E-05	0.00E+00	1.74E-06	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	1.24E-04
496	ALL	671675.4	4342489	NonCancer	1.30E-05	5.55E-05	1.71E-04	0.00E+00	0.00E+00	7.24E-05	3.37E-05	0.00E+00	2.40E-06	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	1.71E-04
497	ALL	671091.4	4342277	NonCancer	1.30E-04	5.84E-04	1.76E-03	0.00E+00	0.00E+00	6.80E-04	3.44E-04	0.00E+00	2.57E-05	0.00E+00	0.00E+00	9.62E-05	0.00E+00	0.00E+00	1.76E-03
498	ALL	671051.8	4342332	NonCancer	9.54E-05	4.53E-04	1.38E-03	0.00E+00	0.00E+00	5.20E-04	2.99E-04	0.00E+00	2.03E-05	0.00E+00	0.00E+00	6.77E-05	0.00E+00	0.00E+00	1.38E-03
499	ALL	671051.8	4342369	NonCancer	9.82E-05	4.49E-04	1.36E-03	0.00E+00	0.00E+00	5.24E-04	2.72E-04	0.00E+00	1.99E-05	0.00E+00	0.00E+00	7.47E-05	0.00E+00	0.00E+00	1.36E-03
500	ALL	670953	4342361	NonCancer	8.59E-05	3.94E-04	1.20E-03	0.00E+00	0.00E+00	4.63E-04	1.93E-04	0.00E+00	1.75E-05	0.00E+00	0.00E+00	6.97E-05	0.00E+00	0.00E+00	1.20E-03
501	ALL	670695.7	4342236	NonCancer	3.26E-05	1.08E-04	2.75E-04	0.00E+00	0.00E+00	1.26E-04	3.25E-05	0.00E+00	3.98E-06	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	2.75E-04
502	ALL	670545.5	4342319	NonCancer	2.32E-05	7.82E-05	2.01E-04	0.00E+00	0.00E+00	9.10E-05	2.37E-05	0.00E+00	2.92E-06	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	2.01E-04
503	ALL	670711.7	4342488	NonCancer	5.50E-05	2.49E-04	7.61E-04	0.00E+00	0.00E+00	3.00E-04	8.64E-05	0.00E+00	1.10E-05	0.00E+00	0.00E+00	5.06E-05	0.00E+00	0.00E+00	7.61E-04
504	ALL	670648.3	4342502	NonCancer	4.72E-05	2.15E-04	6.57E-04	0.00E+00	0.00E+00	2.57E-04	7.67E-05	0.00E+00	9.53E-06	0.00E+00	0.00E+00	4.23E-05	0.00E+00	0.00E+00	6.57E-04
505	ALL	670648.3	4342631	NonCancer	2.54E-05	1.24E-04	3.85E-04	0.00E+00	0.00E+00	1.44E-04	9.68E-05	0.00E+00	5.63E-06	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	3.85E-04
506	ALL	670806.3	4342728	NonCancer	4.19E-05	2.05E-04	6.32E-04	0.00E+00	0.00E+00	2.35E-04	1.03E-04	0.00E+00	9.29E-06	0.00E+00	0.00E+00	3.04E-05	0.00E+00	0.00E+00	6.32E-04
507	ALL	670688.2	4342739	NonCancer	2.29E-05	1.13E-04	3.52E-04	0.00E+00	0.00E+00	1.31E-04	9.27E-05	0.00E+00	5.17E-06	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	3.52E-04
508	ALL	670804.9	4342428	NonCancer	4.36E-05	1.56E-04	4.49E-04	0.00E+00	0.00E+00	2.14E-04	9.21E-05	0.00E+00	6.16E-06	0.00E+00	0.00E+00	5.83E-05	0.00E+00	0.00E+00	4.49E-04
509	ALL	670439.5	4342472	NonCancer	1.98E-05	6.56E-05	1.66E-04	0.00E+00	0.00E+00	7.52E-05	2.67E-05	0.00E+00	2.42E-06	0.00E+00	0.00E+00	9.66E-06	0.00E+00	0.00E+00	1.66E-04
510	ALL	670358.4	4342579	NonCancer	1.73E-05	5.64E-05	1.41E-04	0.00E+00	0.00E+00	6.42E-05	2.88E-05	0.00E+00	2.05E-06	0.00E+00	0.00E+00	7.84E-06	0.00E+00	0.00E+00	1.41E-04
511	ALL	670546.6	4342662	NonCancer	4.01E-05	1.87E-04	5.73E-04	0.00E+00	0.00E+00	2.21E-04	7.01E-05	0.00E+00	8.34E-06	0.00E+00	0.00E+00	3.40E-05	0.00E+00	0.00E+00	5.73E-04
512	ALL	670537	4342595	NonCancer	4.05E-05	1.87E-04	5.71E-04	0.00E+00	0.00E+00	2.23E-04	6.48E-05	0.00E+00	8.29E-06	0.00E+00	0.00E+00	3.61E-05	0.00E+00	0.00E+00	5.71E-04
513	ALL	670483.5	4342777	NonCancer	3.59E-05	1.69E-04	5.20E-04	0.00E+00	0.00E+00	1.99E-04	6.48E-05	0.00E+00	7.58E-06	0.00E+00	0.00E+00	2.98E-05	0.00E+00	0.00E+00	5.20E-04
514	ALL	670508.2	4342755	NonCancer	3.62E-05	1.71E-04	5.26E-04	0.00E+00	0.00E+00	2.01E-04	6.78E-05	0.00E+00	7.69E-06	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	5.26E-04
515	ALL	670517.8	4342869	NonCancer	3.57E-05	1.70E-04	5.22E-04	0.00E+00	0.00E+00	1.98E-04	6.62E-05	0.00E+00	7.63E-06	0.00E+00	0.00E+00	2.86E-05	0.00E+00	0.00E+00	5.22E-04
516	ALL	670545.3	4342851	NonCancer	3.30E-05	1.60E-04	4.93E-04	0.00E+00	0.00E+00	1.85E-04	7.00E-05	0.00E+00	7.24E-06	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	4.93E-04
517	ALL	670582.4	4342878	NonCancer	3.56E-05	1.71E-04	5.25E-04	0.00E+00	0.00E+00	1.98E-04	7.07E-05	0.00E+00	7.69E-06	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	5.25E-04
518	ALL	670304.9	4342689	NonCancer	2.05E-05	6.84E-05	1.90E-04	0.00E+00	0.00E+00	9.49E-05	3.04E-05	0.00E+00	2.58E-06	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	1.90E-04
519	ALL	670039.7	4342661	NonCancer	1.15E-05	3.88E-05	9.95E-05	0.00E+00	0.00E+00	4.48E-05	1.57E-05	0.00E+00	1.45E-06	0.00E+00	0.00E+00	6.04E-06	0.00E+00	0.00E+00	9.95E-05
520	ALL	670156.5	4342673	NonCancer	1.37E-05	4.47E-05	1.12E-04	0.00E+00	0.00E+00	5.09E-05	2.16E-05	0.00E+00	1.63E-06	0.00E+00	0.00E+00	6.23E-06	0.00E+00	0.00E+00	1.12E-04
521	ALL	670236.2	4342649	NonCancer	1.52E-05	4.89E-05	1.21E-04	0.00E+00	0.00E+00	5.56E-05	2.54E-05	0.00E+00	1.76E-06	0.00E+00	0.00E+00	6.68E-06	0.00E+00	0.00E+00	1.21E-04
522	ALL	670071.3	4342738	NonCancer	1.28E-05	4.10E-05	1.01E-04	0.00E+00	0.00E+00	4.65E-05	2.14E-05	0.00E+00	1.47E-06	0.00E+00	0.00E+00	5.55E-06	0.00E+00	0.00E+00	1.01E-04
523	ALL	669990.2	4342753	NonCancer	1.17E-05	3.80E-05	9.49E-05	0.00E+00	0.00E+00	4.34E-05	1.82E-05	0.00E+00	1.38E-06	0.00E+00	0.00E+00	5.38E-06	0.00E+00	0.00E+00	9.49E-05
524	ALL	669928.4	4342742	NonCancer	1.07E-05	3.56E-05	9.05E-05	0.00E+00	0.00E+00	4.10E-05	1.56E-05	0.00E+00	1.32E-06	0.00E+00	0.00E+00	5.36E-06	0.00E+00	0.00E+00	9.05E-05
525	ALL	669815.8	4342673	NonCancer	9.73E-06	3.26E-05	8.37E-05	0.00E+00	0.00E+00	3.78E-05	1.27E-05	0.00E+00	1.22E-06	0.00E+00	0.00E+00	5.16E-06	0.00E+00	0.00E+00	8.37E-05
526	ALL	669743	4342656	NonCancer	9.34E-06	3.13E-05	8.00E-05	0.00E+00	0.00E+00	3.62E-05	1.22E-05	0.00E+00	1.16E-06	0.00E+00	0.00E+00	4.97E-06	0.00E+00	0.00E+00	8.00E-05
527	ALL	669791	4342745	NonCancer	9.92E-06	3.27E-05	8.25E-05	0.00E+00	0.00E+00	3.76E-05	1.37E-05	0.00E+00	1.20E-06	0.00E+00	0.00E+00	4.93E-06	0.00E+00	0.00E+00	8.25E-05
528	ALL	669696.3	4342731	NonCancer	9.38E-06	3.09E-05	7.80E-05	0.00E+00	0.00E+00	3.56E-05	1.28E-05	0.00E+00	1.13E-06	0.00E+00	0.00E+00	4.68E-06	0.00E+00	0.00E+00	7.80E-05
529	ALL	669536.9	4342553	NonCancer	7.54E-06	2.49E-05	6.39E-05	0.00E+00	0.00E+00	2.96E-05	1.06E-05	0.00E+00	9.18E-07	0.00E+00	0.00E+00	4.76E-06	0.00E+00	0.00E+00	6.39E-05
530	ALL	671174.9	4342280	NonCancer	1.32E-04	5.61E-04	1.68E-03	0.00E+00	0.00E+00	6.85E-04	2.73E-04	0.00E+00	2.41E-05	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	1.68E-03
531	ALL	671068.4	4342170	NonCancer	9.35E-05	3.98E-04	1.25E-03	0.00E+00	0.00E+00	5.50E-04	7.69E-05	0.00E+00	1.73E-05	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	1.25E-03
532	ALL	670965.7	4342179	NonCancer	6.26E-05	2.19E-04	5.77E-04	0.00E+00	0.00E+00	2.53E-04	5.27E-05	0.00E+00	8.40E-06	0.00E+00	0.00E+00	3.34E-05	0.00E+00	0.00E+00	5.77E-04
533	ALL	670815.5	4342198	NonCancer	3.76E-05	1.30E-04	3.44E-04	0.00E+00	0.00E+00	1.53E-04	3.84E-05	0.00E+00	4.96E-06	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	3.44E-04
534	ALL	670737.6	4342098	NonCancer	3.16E-05	1.05E-04	2.71E-04	0.00E+00	0.00E+00	1.25E-04	3.68E-05	0.00E+00	3.89E-06	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	2.71E-04
535	ALL	670762.3	4342069	NonCancer	3.29E-05	1.09E-04	2.82E-04	0.00E+00	0.00E+00	1.31E-04	4.33E-05	0.00E+00	4.04E-06	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	2.82E-04
536	ALL	670817.4	4342041	NonCancer	3.64E-05	1.21E-04	3.15E-04	0.00E+00	0.00E+00	1.47E-04	5.58E-05	0.00E+00	4.49E-06	0.00E+00	0.00E+00	2.58E-05	0.00E+00	0.00E+00	3.15E-04
537	ALL	670895.4	4342025	NonCancer	4.21E-05	1.43E-04	3.80E-04	0.00E+00	0.00E+00	1.76E-04	6.43E-05	0.00E+00	5.39E-06	0.00E+00	0.00E+00	3.34E-05	0.00E+00	0.00E+00	3.80E-04
538	ALL	670979	4341915	NonCancer	4.46E-05	1.55E-04	4.32E-04	0.00E+00	0.00E+00	2.03E-04	7.80E-05	0.00E+00	6.00E-06	0.00E+00	0.00E+00	4.84E-05	0.00E+00	0.00E+00	4.32E-04
539	ALL	671115.9	4341864	NonCancer	5.72E-05	2.29E-04	7.17E-04	0.00E+00	0.00E+00	3.32E-04	5.01E-05	0.00E+00	9.68E-06	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	7.17E-04
540	ALL	671199.6	4341771	NonCancer	8.23E-05	3.75E-04	1.16E-03	0.00E+00	0.00E+00	4.58E-04	5.96E-05	0.00E+00	1.66E-05	0.00E+00	0.00E+00	8.32E-05	0.00E+00	0.00E+00	1.16E-03
541	ALL	671222.4	4341377	NonCancer	1.90E-05	8.07E-05	2.56E-04	0.00E+00	0.00E+00	1.14E-04	2.52E-05	0.00E+00	3.51E-06	0.00E+00	0.00E+00	3.30E-05	0.00E+00	0.00E+00	2.56E-04
542	ALL	671714.8	4341392	NonCancer	3.81E-05	1.51E-04	4.59E-04	0.00E+00	0.00E+00	2.08E-04	1.80E-05	0.00E+00	6.32E-06	0.00E+00	0.00E+00	5.67E-05	0.00E+00	0.00E+00	4.59E-04
543	ALL	671366.9	4341999	NonCancer	2.20E-04	9.95E-04	3.13E-03	0.00E+00	0.00E+00	1.30E-03	1.36E-04	0.00E+00	4.42E-05	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	3.13E-03
544	ALL	671226.2	4342236	NonCancer	1.40E-04	5.83E-04	1.74E-03	0.00E+00	0.00E+00	7.27E-04	1.94E-04	0.00E+00	2.48E-05	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	1.74E-03
545	ALL	669098.4	4343412	NonCancer	4.63E-06	1.53E-05	5.26E-05	0.00E+00	0.00E+00	3.15E-05	1.13E-05	0.00E+00	6.07E-07	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	5.26E-05
546	ALL	668908.6	4343365	NonCancer	4.50E-06	1.51E-05	4.24E-05	0.00E+00	0.00E+00	2.13E-05	9.87E-06	0.00E+00	5.72E-07	0.00E+00	0.00E+00	6.21E-06	0.00E+00	0.00E+00	4.24E-05
547	ALL	668851.5	4343360	NonCancer	4.42E-06	1.48E-05	4.02E-05	0.00E+00	0.00E+00	1.94E-05	9.59E-06	0.00E+00	5.57E-07	0.00E+00	0.00E+00	4.65E-06	0.00E+00	0.00E+00	4.02E-05
548	ALL	668831.4	4343371	NonCancer	4.37E-06	1.46E-05	3.94E-05	0.00E+00	0.00E+00	1.89E-05	9.52E-06	0.00E+00	5.50E-07	0.00E+00	0.00E+00	4.29E-06	0.00E+00	0.00E+00	3.94E-05
549	ALL	668733.9	4343302	NonCancer	4.28E-06	1.43E-05	3.78E-05	0.00E+00	0.00E+00	1.77E-05	9.21E-06	0.00E+00	5.37E-07	0.00E+00	0.00E+00	3.35E-06	0.00E+00	0.00E+00	3.78E-05
550	ALL	668686.9	4343200	NonCancer	4.30E-06	1.45E-05	4.02E-05	0.00E+00	0.00E+00	1.97E-05	9.39E-06	0.00E+00	5.50E-07	0.00E+00	0.00E+00	5.27E-06	0.00E+00	0.00E+00	4.02E-05
551	ALL	668671.8	4343089	NonCancer	4.36E-06	1.47E-05	4.05E-05	0.00E+00	0.00E+00	1.97E-05	9.75E-06	0.00E+00	5.58E-07	0.00E+00	0.00E+00	4.95E-06	0.00E+00	0.00E+00	4.05E-05
552	ALL	668806.2	4343002	NonCancer	4.70E-06	1.58E-05	4.34E-05	0.00E+00	0.00E+00	2.11E-05	1.02E-05	0.00E+00	5.98E-07	0.00E+00	0.00E+00	5.30E-06	0.00E+00	0.00E+00	4.34E-05
553	ALL	668918.7	4343025	NonCancer	4.96E-06	1.67E-05	4.64E-05	0.00E+00	0.00E+00	2.27E-05	1.03E-05	0.00E+00	6.36E-07	0.00E+00	0.00E+00	6.00E-06	0.00E+00	0.00E+00	4.64E-05
554	ALL	669024.5	4342943	NonCancer	5.30E-06	1.79E-05	4.87E-05	0.00E+00	0.00E+00	2.34E-05	1.07E-05	0.00E+00	6.78E-07	0.00E+00	0.00E+00	5.46E-06	0.00E+00	0.00E+00	4.87E-05
555	ALL	669288.2	4342916	NonCancer	6.22E-06	2.11E-05	5.56E-05	0.00E+00	0.00E+00	2.56E-05	1.09E-05	0.00E+00	7.93E-07	0.00E+00	0.00E+00	4.55E-06	0.00E+00	0.00E+00	5.56E-05
556	ALL	669333.6	4342923	NonCancer	6.36E-06	2.16E-05	5.68E-05	0.00E+00	0.00E+00	2.61E-05	1.09E-05	0.00E+00	8.12E-07	0.00E+00	0.00E+00	4.58E-06	0.00E+00	0.00E+00	5.68E-05
557	ALL	669365.5	4342978	NonCancer	6.37E-06	2.16E-05	5.70E-05	0.00E+00	0.00E+00	2.64E-05	1.11E-05	0.00E+00	8.12E-07	0.00E+00	0.00E+00	4.81E-06	0.00E+00	0.00E+00	5.70E-05
558	ALL	669337	4343151	NonCancer	5.83E-06	1.97E-05	5.37E-05	0.00E+00	0.00E+00	2.57E-05	1.18E-05	0.00E+00	7.48E-07	0.00E+00	0.00E+00	5.97E-06	0.00E+00	0.00E+00	5.37E-05
559	ALL	669303.4	4343304	NonCancer	5.34E-06	1.78E-05	4.91E-05	0.00E+00	0.00E+00	2.42E-05	1.27E-05	0.00E+00	6.72E-07	0.00E+00	0.00E+00	6.37E-06	0.00E+00	0.00E+00	4.91E-05
560	ALL	669222.7	4343235	NonCancer	5.32E-06	1.80E-05	5.26E-05	0.00E+00	0.00E+00	2.70E-05	1.14E-05	0.00E+00	6.93E-07	0.00E+00	0.00E+00	9.07E-06	0.00E+00	0.00E+00	5.26E-05
561	ALL	669135.4	4343306	NonCancer	4.95E-06	1.66E-05	4.87E-05	0.00E+00	0.00E+00	2.54E-05	1.11E-05	0.00E+00	6.37E-07	0.00E+00	0.00E+00	8.84E-06	0.00E+00	0.00E+00	4.87E-05

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE\	RESP	SKIN	EYE	BONE/TEE1	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		668148.8	4340781	NonCancer	1.11E-03	1.44E-03	3.60E-07	1.76E-04	2.00E-07	1.29E-03	2.69E-03	1.11E-03	2.43E-09	0.00E+00	0.00E+00	5.33E-05	0.00E+00	0.00E+00	2.69E-03
2	ALL		668370.1	4340781	NonCancer	1.32E-03	1.72E-03	4.25E-07	2.07E-04	2.36E-07	1.53E-03	3.19E-03	1.32E-03	2.76E-09	0.00E+00	0.00E+00	6.28E-05	0.00E+00	0.00E+00	3.19E-03
3	ALL		668591.4	4340781	NonCancer	1.55E-03	2.01E-03	4.97E-07	2.43E-04	2.77E-07	1.79E-03	3.73E-03	1.55E-03	3.11E-09	0.00E+00	0.00E+00	7.35E-05	0.00E+00	0.00E+00	3.73E-03
4	ALL		668812.7	4340781	NonCancer	1.78E-03	2.32E-03	5.82E-07	2.84E-04	3.22E-07	2.06E-03	4.32E-03	1.78E-03	3.50E-09	0.00E+00	0.00E+00	8.59E-05	0.00E+00	0.00E+00	4.32E-03
5	ALL		669034	4340781	NonCancer	2.10E-03	2.74E-03	6.93E-07	3.38E-04	3.82E-07	2.44E-03	5.13E-03	2.10E-03	3.99E-09	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	5.13E-03
6	ALL		669255.3	4340781	NonCancer	2.51E-03	3.28E-03	8.33E-07	4.05E-04	4.58E-07	2.92E-03	6.14E-03	2.51E-03	4.56E-09	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	6.14E-03
7	ALL		669476.7	4340781	NonCancer	2.86E-03	3.78E-03	9.97E-07	4.82E-04	5.41E-07	3.35E-03	7.19E-03	2.86E-03	5.16E-09	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	7.19E-03
8	ALL		669698	4340781	NonCancer	3.34E-03	4.45E-03	1.21E-06	5.83E-04	6.49E-07	3.93E-03	8.57E-03	3.34E-03	5.88E-09	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	8.57E-03
9	ALL		669919.3	4340781	NonCancer	3.94E-03	5.36E-03	1.56E-06	7.45E-04	8.16E-07	4.69E-03	1.06E-02	3.93E-03	1.38E-08	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	1.06E-02
10	ALL		670140.6	4340781	NonCancer	4.24E-03	5.92E-03	1.85E-06	8.76E-04	9.45E-07	5.12E-03	1.20E-02	4.24E-03	1.39E-08	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	1.20E-02
11	ALL		670361.9	4340781	NonCancer	4.18E-03	5.97E-03	1.98E-06	9.32E-04	9.93E-07	5.11E-03	1.25E-02	4.17E-03	1.15E-08	0.00E+00	0.00E+00	2.88E-04	0.00E+00	0.00E+00	1.25E-02
12	ALL		670583.2	4340781	NonCancer	3.40E-03	4.91E-03	1.67E-06	7.84E-04	8.31E-07	4.19E-03	1.04E-02	3.40E-03	6.41E-09	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	1.04E-02
13	ALL		670804.5	4340781	NonCancer	2.72E-03	3.93E-03	1.33E-06	6.25E-04	6.64E-07	3.35E-03	8.27E-03	2.72E-03	4.52E-09	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	8.27E-03
14	ALL		671025.8	4340781	NonCancer	1.75E-03	2.48E-03	8.04E-07	3.79E-04	4.07E-07	2.13E-03	5.12E-03	1.75E-03	3.45E-09	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	5.12E-03
15	ALL		671247.1	4340781	NonCancer	1.54E-03	2.20E-03	7.30E-07	3.44E-04	3.67E-07	1.89E-03	4.60E-03	1.54E-03	2.54E-09	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	4.60E-03
16	ALL		671468.4	4340781	NonCancer	1.70E-03	2.45E-03	8.33E-07	3.91E-04	4.15E-07	2.09E-03	5.18E-03	1.70E-03	2.46E-09	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	5.18E-03
17	ALL		671689.8	4340781	NonCancer	1.86E-03	2.74E-03	9.76E-07	4.56E-04	4.79E-07	2.32E-03	5.91E-03	1.86E-03	2.12E-09	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	5.91E-03
18	ALL		671911.1	4340781	NonCancer	1.66E-03	2.45E-03	8.76E-07	4.09E-04	4.30E-07	2.07E-03	5.31E-03	1.66E-03	1.62E-09	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	5.31E-03
19	ALL		672132.4	4340781	NonCancer	1.24E-03	1.84E-03	6.55E-07	3.06E-04	3.21E-07	1.55E-03	3.97E-03	1.24E-03	1.03E-09	0.00E+00	0.00E+00	9.46E-05	0.00E+00	0.00E+00	3.97E-03
20	ALL		672353.7	4340781	NonCancer	1.20E-03	1.76E-03	6.23E-07	2.91E-04	3.06E-07	1.49E-03	3.79E-03	1.20E-03	1.35E-09	0.00E+00	0.00E+00	9.00E-05	0.00E+00	0.00E+00	3.79E-03
21	ALL		672575	4340781	NonCancer	1.12E-03	1.66E-03	5.90E-07	2.76E-04	2.89E-07	1.40E-03	3.57E-03	1.12E-03	1.47E-09	0.00E+00	0.00E+00	8.53E-05	0.00E+00	0.00E+00	3.57E-03
22	ALL		668148.8	4340946	NonCancer	9.82E-04	1.28E-03	3.20E-07	1.56E-04	1.77E-07	1.14E-03	2.38E-03	9.82E-04	2.41E-09	0.00E+00	0.00E+00	4.73E-05	0.00E+00	0.00E+00	2.38E-03
23	ALL		668370.1	4340946	NonCancer	1.17E-03	1.53E-03	3.82E-07	1.86E-04	2.11E-07	1.36E-03	2.84E-03	1.17E-03	2.76E-09	0.00E+00	0.00E+00	5.65E-05	0.00E+00	0.00E+00	2.84E-03
24	ALL		668591.4	4340946	NonCancer	1.39E-03	1.81E-03	4.53E-07	2.21E-04	2.51E-07	1.61E-03	3.37E-03	1.39E-03	3.14E-09	0.00E+00	0.00E+00	6.69E-05	0.00E+00	0.00E+00	3.37E-03
25	ALL		668812.7	4340946	NonCancer	1.64E-03	2.14E-03	5.37E-07	2.62E-04	2.97E-07	1.90E-03	3.99E-03	1.64E-03	3.57E-09	0.00E+00	0.00E+00	7.94E-05	0.00E+00	0.00E+00	3.99E-03
26	ALL		669034	4340946	NonCancer	2.02E-03	2.63E-03	6.57E-07	3.21E-04	3.64E-07	2.35E-03	4.90E-03	2.02E-03	4.18E-09	0.00E+00	0.00E+00	9.71E-05	0.00E+00	0.00E+00	4.90E-03
27	ALL		669255.3	4340946	NonCancer	2.44E-03	3.18E-03	8.01E-07	3.90E-04	4.42E-07	2.83E-03	5.94E-03	2.43E-03	4.84E-09	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	5.94E-03
28	ALL		669476.7	4340946	NonCancer	2.84E-03	3.75E-03	9.78E-07	4.74E-04	5.32E-07	3.32E-03	7.10E-03	2.84E-03	5.58E-09	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	7.10E-03
29	ALL		669698	4340946	NonCancer	3.60E-03	4.75E-03	1.25E-06	6.03E-04	6.77E-07	4.21E-03	9.01E-03	3.60E-03	6.57E-09	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	9.01E-03
30	ALL		669919.3	4340946	NonCancer	4.21E-03	5.63E-03	1.55E-06	7.45E-04	8.26E-07	4.96E-03	1.08E-02	4.21E-03	1.56E-08	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	1.08E-02
31	ALL		670140.6	4340946	NonCancer	4.96E-03	6.84E-03	2.06E-06	9.81E-04	1.06E-06	5.94E-03	1.37E-02	4.96E-03	1.84E-08	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	1.37E-02
32	ALL		670361.9	4340946	NonCancer	5.26E-03	7.46E-03	2.42E-06	1.14E-03	1.22E-06	6.41E-03	1.54E-02	5.26E-03	1.68E-08	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	1.54E-02
33	ALL		670583.2	4340946	NonCancer	5.25E-03	7.62E-03	2.63E-06	1.23E-03	1.30E-06	6.49E-03	1.62E-02	5.25E-03	1.30E-08	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	1.62E-02
34	ALL		670804.5	4340946	NonCancer	4.09E-03	5.97E-03	2.08E-06	9.74E-04	1.03E-06	5.07E-03	1.27E-02	4.09E-03	6.42E-09	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	1.27E-02
35	ALL		671025.8	4340946	NonCancer	2.44E-03	3.50E-03	1.18E-06	5.52E-04	5.88E-07	3.00E-03	7.35E-03	2.44E-03	4.15E-09	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	7.35E-03
36	ALL		671247.1	4340946	NonCancer	1.82E-03	2.62E-03	8.77E-07	4.12E-04	4.39E-07	2.24E-03	5.49E-03	1.82E-03	2.79E-09	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	5.49E-03
37	ALL		671468.4	4340946	NonCancer	1.99E-03	2.90E-03	1.01E-06	4.72E-04	4.99E-07	2.47E-03	6.20E-03	1.99E-03	2.54E-09	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	6.20E-03
38	ALL		671689.8	4340946	NonCancer	2.60E-03	3.86E-03	1.40E-06	6.52E-04	6.83E-07	3.25E-03	8.40E-03	2.59E-03	2.59E-09	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	8.40E-03
39	ALL		671911.1	4340946	NonCancer	2.56E-03	3.81E-03	1.39E-06	6.48E-04	6.78E-07	3.21E-03	8.34E-03	2.56E-03	2.51E-09	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	8.34E-03
40	ALL		672132.4	4340946	NonCancer	1.32E-03	1.95E-03	6.98E-07	3.26E-04	3.42E-07	1.65E-03	4.23E-03	1.32E-03	1.08E-09	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	4.23E-03
41	ALL		672353.7	4340946	NonCancer	1.31E-03	1.93E-03	6.93E-07	3.23E-04	3.39E-07	1.64E-03	4.19E-03	1.31E-03	1.14E-09	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	4.19E-03
42	ALL		672575	4340946	NonCancer	1.50E-03	2.22E-03	8.09E-07	3.77E-04	3.94E-07	1.88E-03	4.85E-03	1.50E-03	1.54E-09	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	4.85E-03
43	ALL		668148.8	4341111	NonCancer	8.83E-04	1.15E-03	2.87E-07	1.40E-04	1.59E-07	1.02E-03	2.14E-03	8.83E-04	2.43E-09	0.00E+00	0.00E+00	4.26E-05	0.00E+00	0.00E+00	2.14E-03
44	ALL		668370.1	4341111	NonCancer	1.02E-03	1.33E-03	3.34E-07	1.63E-04	1.85E-07	1.19E-03	2.48E-03	1.02E-03	2.73E-09	0.00E+00	0.00E+00	4.95E-05	0.00E+00	0.00E+00	2.48E-03
45	ALL		668591.4	4341111	NonCancer	1.24E-03	1.62E-03	4.04E-07	1.97E-04	2.24E-07	1.44E-03	3.01E-03	1.24E-03	3.16E-09	0.00E+00	0.00E+00	5.98E-05	0.00E+00	0.00E+00	3.01E-03
46	ALL		668812.7	4341111	NonCancer	1.49E-03	1.94E-03	4.84E-07	2.36E-04	2.68E-07	1.73E-03	3.61E-03	1.49E-03	3.64E-09	0.00E+00	0.00E+00	7.16E-05	0.00E+00	0.00E+00	3.61E-03
47	ALL		669034	4341111	NonCancer	1.82E-03	2.37E-03	5.91E-07	2.88E-04	3.28E-07	2.11E-03	4.41E-03	1.82E-03	4.26E-09	0.00E+00	0.00E+00	8.75E-05	0.00E+00	0.00E+00	4.41E-03
48	ALL		669255.3	4341111	NonCancer	2.18E-03	2.85E-03	7.23E-07	3.52E-04	3.98E-07	2.53E-03	5.34E-03	2.18E-03	4.95E-09	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	5.34E-03
49	ALL		669476.7	4341111	NonCancer	2.74E-03	3.59E-03	9.17E-07	4.46E-04	5.03E-07	3.19E-03	6.74E-03	2.74E-03	5.96E-09	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	6.74E-03
50	ALL		669698	4341111	NonCancer	3.58E-03	4.68E-03	1.19E-06	5.78E-04	6.53E-07	4.16E-03	8.77E-03	3.58E-03	7.18E-09	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	8.77E-03
51	ALL		669919.3	4341111	NonCancer	4.38E-03	5.80E-03	1.54E-06	7.44E-04	8.32E-07	5.13E-03	1.11E-02	4.38E-03	8.61E-09	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	1.11E-02
52	ALL		670140.6	4341111	NonCancer	5.19E-03	6.98E-03	1.95E-06	9.36E-04	1.03E-06	6.14E-03	1.35E-02	5.19E-03	2.04E-08	0.00E+00	0.00E+00	2.88E-04	0.00E+00	0.00E+00	1.35E-02
53	ALL		670361.9	4341111	NonCancer	5.66E-03	7.80E-03	2.35E-06	1.12E-03	1.21E-06	6.79E-03	1.56E-02	5.66E-03	2.16E-08	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	1.56E-02
54	ALL		670583.2	4341111	NonCancer	5.71E-03	8.17E-03	2.72E-06	1.28E-03	1.36E-06	7.00E-03	1.71E-02	5.71E-03	1.50E-08	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	1.71E-02
55	ALL		670804.5	4341111	NonCancer	5.18E-03	7.58E-03	2.66E-06	1.24E-03	1.31E-06	6.43E-03	1.62E-02	5.18E-03	7.70E-09	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	1.62E-02
56	ALL		671025.8	4341111	NonCancer	3.52E-03	5.14E-03	1.79E-06	8.37E-04	8.84E-07	4.37E-03	1.10E-02	3.52E-03	4.25E-09	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	1.10E-02
57	ALL		671247.1	4341111	NonCancer	2.69E-03	3.91E-03	1.34E-06	6.28E-04	6.65E-07	3.33E-03	8.28E-03	2.69E-03	3.85E-09	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	8.28E-03
58	ALL		671468.4	4341111	NonCancer	2.92E-03	4.32E-03	1.55E-06	7.21E-04	7.57E-07	3.65E-03	9.35E-03	2.92E-03	3.18E-09	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	9.35E-03
59	ALL		671689.8	4341111	NonCancer	4.23E-03	6.34E-03	2.35E-06	1.09E-03	1.14E-06	5.33E-03	1.39E-02	4.23E-03	3.84E-09	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	1.39E-02
60	ALL		671911.1	4341111	NonCancer	3.40E-03	5.09E-03	1.88E-06	8.73E-04	9.11E-07	4.28E-03	1.12E-02	3.40E-03	3.01E-09	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	1.12E-02
61	ALL		672132.4	4341111	NonCancer	1.76E-03	2.62E-03	9.56E-07	4.45E-04	4.66E-07	2.21E-03	5.73E-03	1.76E-03	1.20E-09	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	5.73E-03
62	ALL		672353.7	4341111	NonCancer	1.62E-03	2.42E-03	8.88E-07	4.13E-04	4.32E-07	2.04E-03	5.32E-03	1.62E-03	9.77E-10	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	5.32E-03
63	ALL		672575	4341111	NonCancer	2.05E-03	3.07E-03	1.13E-06	5.28E-04	5.51E-07	2.58E-03	6.76E-03	2.05E-03	1.64E-09	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	6.76E-03
64	ALL		668148.8	4341276	NonCancer	8.06E-04	1.05E-03	2.64E-07	1.28E-04	1.46E-07	9.35E-04	1.96E-03	8.06E-04	2.46E-09	0.00E+00	0.00E+00	3.91E-05	0.00E+00	0.00E+00	1.96E-03
65	ALL		668370.1	4341276	NonCancer	9.31E-04	1.21E-03	3.05E-07	1.49E-04	1.68E-07	1.08E-03	2.26E-03	9.31E-04	2.77E-09	0.00E+00	0.00E+00	4.52E-05	0.00E+00	0.00E+00	2.26E-03
66	ALL		668591.4	4341276	NonCancer	1.11E-03	1.44E-03	3.61E-07	1.76E-04	2.00E-07	1.29E-03	2.69E-03	1.11E-03	3.19E-09	0.00E+00	0.00E+00	5.35E-05	0.00E+00	0.00E+00	2.69E-03
67	ALL		668812.7	4341276	NonCancer	1.35E-03	1.75E-03	4.33E-07	2.12E-04	2.41E-07	1.56E-03	3.25E-03	1.35E-03	3.71E-09	0.00E+00	0.00E+00	6.42E-05	0.00E+00	0.00E+00	3.25E-03
68	ALL		669034	4341276	NonCancer	1.71E-03	2.21E-03	5.28E-07	2.59E-04	2.97E-07	1.98E-03	4.04E-03	1.71E-03	4.37E-09	0.00E+00	0.00E+00	7.83E-05	0.00E+00	0.00E+00	4.04E-03
69	ALL		669255.3	4341276	NonCancer	2.05E-03	2.65E-03	6.48E-07	3.17E-04	3.61E-07	2.37E-03	4.89E-03	2.05E-03	5.17E-09	0.00E+00	0.00E+00	9.59E-05	0.00E+00	0.00E+00	4.89E-03
70	ALL		669476.7	4341276	NonCancer	2.49E-03	3.24E-03	8.11E-07	3.95E-04	4.48E-07	2.88E-03	6.03E-03	2.49E-03	6.19E-09	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	6.03E-03
71	ALL		669698	4341276	NonCancer	3.20E-03	4.18E-03	1.05E-06	5.12E-04	5.80E-07	3.72E-03	7.80E-03	3.20E-03	7.60E-09	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	7.80E-03
72	ALL		669919.3	4341276	NonCancer	4.22E-03	5.50E-03	1.38E-06	6.73E-04	7.62E-07	4.89E-03	1.02E-02	4.22E-03	1.67E-08	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	1.02E-02
73	ALL		670140.6	4341276	NonCancer	4.87E-03	6.25E-03	1.48E-06	7.27E-04	8.37E-07	5.60E-03	1.14E-02	4.87E-03	1.79E-08	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	1.14E-02
74	ALL		670361.9	4341276	NonCancer	5.61E-03	7.39E-03	1.93E-06	9.34E-04	1.05E-06	6.55E-03	1.39E-02	5.61E-03	2.04E-08	0.00E+00	0.00E+00	2.86E-04	0.00E+00	0.00E+00	1.39E-02
75	ALL		670583.2	4341276	NonCancer	5.52E-03	7.63E-03	2.31E-06	1.10E-03	1.20E-06	6.63E-03	1.53E-02	5.52E-03	1.89E-08	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	1.53E-02
76	ALL		670804.5	4341276	NonCancer	6.39E-03	9.31E-03	3.24E-06	1.52E-03	1.60E-06	7.91E-03	1.99E-02	6.38E-03	1.31E-08	0.00E+00	0.00E+00	4.70E-04	0.00E+00	0.00E+00	1.99E-02
77	ALL		671025.8	4341276	NonCancer	6.31E-03	9.35E-03	3.38E-06	1.57E-03	1.65E-06	7.89E-03	2.03E-02	6.30E-03	5.56E-09	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	2.03E-02
78	ALL		671247.1	4341276	NonCancer	5.32E-03	7.87E-03	2.83E-06	1.32E-03	1.38E-06	6.65E-03	1.71E-02	5.32E-03	6.14E-09	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	1.71E-02
79	ALL		671468.4	4341276	NonCancer	7.76E-03	1.17E-02	4.36E-06	2.02E-03	2.11E-06	9.80E-03	2.58E-02	7.76E-03	7.48E-09	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	2.58E-02
80	ALL		671689.8	4341276	NonCancer	7.97E-03	1.21E-02	4.55E-06	2.11E-03	2.19E-06	1.01E-02	2.68E-02	7.97E-03	6.57E-09	0.00E+00	0.00E+00	6.54E-04	0.00E+00	0.00E+00	2.68E-02
81	ALL		671911.1	4341276	NonCancer	4.98E-03	7.49E-03	2.79E-06	1.30E-03	1.35E-06	6.28E-03	1.65E-02	4.98E-03	4.25E-09	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	1.65E-02
82	ALL		672132.4	4341276	NonCancer	2.95E-03	4.44E-03	1.65E-06	7.69E-04	8.01E-07	3.73E-03	9.82E-03	2.95E-03	1.43E-09	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	9.82E-03
83	ALL		672353.7	4341276	NonCancer	2.25E-03	3.38E-03	1.26E-06	5.85E-04	6.10E-07	2.84E-03	7.48E-03	2.25E-03	1.04E-09	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	7.48E-03
84	ALL		672575	4341276	NonCancer	2.60E-03	3.90E-03	1.45E-06	6.72E-04	7.01E-07	3.27E-03	8.59E-03	2.60E-03	2.00E-09	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	8.59E-03
85	ALL		668148.8	4341441	NonCancer	7.47E-04	9.77E-04	2.48E-07	1.21E-04	1.36E-07	8.69E-04	1.83E-03	7.47E-04	2.48E-09	0.00E+00	0.00E+00	3.68E-05	0.00E+00	0.00E+00	1.83E-03
86	ALL		668370.1	4341441	NonCancer	8.60E-04	1.13E-03	2.86E-07	1.39E-04	1.57E-07	1.00E-03	2.11E-03	8.60E-04	2.80E-09	0.00E+00	0.00E+00	4.24E-05	0.00E+00	0.00E+00	2.11E-03
87	ALL		668591.4	4341441	NonCancer	1.01E-03	1.31E-03	3.33E-07	1.62E-04	1.83E-07	1.17E-03	2.46E-03	1.01E-03	3.20E-09	0.00E+00	0.00E+00	4.94E-05	0.00E+00	0.00E+00	2.46E-03
88	ALL		668812.7	4341441	NonCancer	1.23E-03	1.60E-03	3.96E-07	1.93E-04	2.19E-07	1.42E-03	2.96E-03	1.23E-03	3.74E-09	0.00E+00	0.00E+00	5.86E-05	0.00E+00	0.00E+00	2.96E-03
89	ALL		669034	4341441	NonCancer	1.51E-03	1.95E-03	4.73E-07	2.32E-04	2.64E-07	1.74E-03	3.59E-03	1.51E-03	4.39E-09	0.00E+00	0.00E+00	7.01E-05	0.00E+00	0.00E+00	3.59E-03
90	ALL		669255.3	4341441	NonCancer	1.74E-03	2.27E-03	5.68E-07	2.77E-04	3.14E-07	2.02E-03	4.22E-03	1.74E-03	5.19E-09	0.00E+00	0.00E+00	8.41E-05	0.00E+00	0.00E+00	4.22E-03
91	ALL		669476.7	4341441	NonCancer	2.18E-03	2.83E-03	7.07E-07	3.45E-04	3.91E-07	2.52E-03	5.27E-03	2.17E-03	6.31E-09	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	5.27E-03
92	ALL		669698	4341441	NonCancer	2.87E-03	3.71E-03	9.07E-07	4.44E-04	5.06E-07	3.32E-03	6.86E-03	2.87E-03	7.87E-09	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	6.86E-03
93	ALL		669919.3	4341441	NonCancer	3.35E-03	4.23E-03	9.27E-07	4.61E-04	5.40E-07	3.82E-03	7.48E-03	3.35E-03	1.30E-08	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	7.48E-03
94	ALL		670140.6	4341441	NonCancer	4.25E-03	5.24E-03	1.04E-06	5.24E-04	6.32E-07	4.78E-03	8.94E-03	4.25E-03	1.35E-08	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	8.94E-03
95	ALL		670361.9	4341441	NonCancer	5.51E-03	6.85E-03	1.41E-06	7.10E-04	8.48E-07	6.22E-03	1.19E-02	5.51E-03	1.84E-08	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	1.19E-02
96	ALL		670583.2	4341441	NonCancer	5.78E-03	7.49E-03	1.85E-06	9.02E-04	1.03E-06	6.69E-03	1.38E-02	5.78E-03	2.21E-08	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	1.38E-02
97	ALL		670804.5	4341441	NonCancer	7.54E-03	1.07E-02	3.49E-06	1.65E-03	1.76E-06	9.20E-03	2.22E-02	7.54E-03	2.80E-08	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	2.22E-02
98	ALL		671025.8	4341441	NonCancer	1.02E-02	1.52E-02	5.51E-06	2.57E-03	2.69E-06	1.28E-02	3.30E-02	1.02E-02	1.20E-08	0.00E+00	0.00E+00	7.95E-04	0.00E+00	0.00E+00	3.30E-02

99	ALL	671689.8	4341441	NonCancer	2.20E-02	3.36E-02	1.29E-05	5.97E-03	6.18E-06	2.81E-02	7.52E-02	2.20E-02	2.74E-08	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	7.52E-02
100	ALL	671911.1	4341441	NonCancer	9.70E-03	1.47E-02	5.61E-06	2.60E-03	2.70E-06	1.23E-02	3.29E-02	9.70E-03	4.61E-09	0.00E+00	0.00E+00	8.06E-04	0.00E+00	0.00E+00	3.29E-02
101	ALL	672132.4	4341441	NonCancer	4.93E-03	7.45E-03	2.81E-06	1.30E-03	1.36E-06	6.24E-03	1.66E-02	4.92E-03	1.95E-09	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	1.66E-02
102	ALL	672353.7	4341441	NonCancer	3.63E-03	5.47E-03	2.04E-06	9.48E-04	9.88E-07	4.59E-03	1.21E-02	3.63E-03	1.76E-09	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	1.21E-02
103	ALL	672575	4341441	NonCancer	3.69E-03	5.55E-03	2.07E-06	9.60E-04	1.00E-06	4.66E-03	1.22E-02	3.69E-03	4.61E-09	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	1.22E-02
104	ALL	668148.8	4341606	NonCancer	7.32E-04	9.60E-04	2.47E-07	1.20E-04	1.35E-07	8.52E-04	1.80E-03	7.32E-04	2.53E-09	0.00E+00	0.00E+00	3.66E-05	0.00E+00	0.00E+00	1.80E-03
105	ALL	668370.1	4341606	NonCancer	8.33E-04	1.09E-03	2.81E-07	1.37E-04	1.54E-07	9.71E-04	2.05E-03	8.33E-04	2.84E-09	0.00E+00	0.00E+00	4.17E-05	0.00E+00	0.00E+00	2.05E-03
106	ALL	668591.4	4341606	NonCancer	9.58E-04	1.26E-03	3.23E-07	1.57E-04	1.77E-07	1.12E-03	2.36E-03	9.58E-04	3.24E-09	0.00E+00	0.00E+00	4.78E-05	0.00E+00	0.00E+00	2.36E-03
107	ALL	668812.7	4341606	NonCancer	1.12E-03	1.46E-03	3.75E-07	1.82E-04	2.05E-07	1.30E-03	2.75E-03	1.12E-03	3.75E-09	0.00E+00	0.00E+00	5.55E-05	0.00E+00	0.00E+00	2.75E-03
108	ALL	669034	4341606	NonCancer	1.30E-03	1.71E-03	4.41E-07	2.14E-04	2.40E-07	1.52E-03	3.21E-03	1.30E-03	4.39E-09	0.00E+00	0.00E+00	6.52E-05	0.00E+00	0.00E+00	3.21E-03
109	ALL	669255.3	4341606	NonCancer	1.55E-03	2.04E-03	5.27E-07	2.56E-04	2.87E-07	1.81E-03	3.84E-03	1.55E-03	5.22E-09	0.00E+00	0.00E+00	7.78E-05	0.00E+00	0.00E+00	3.84E-03
110	ALL	669476.7	4341606	NonCancer	1.92E-03	2.52E-03	6.45E-07	3.13E-04	3.53E-07	2.24E-03	4.73E-03	1.92E-03	6.37E-09	0.00E+00	0.00E+00	9.53E-05	0.00E+00	0.00E+00	4.73E-03
111	ALL	669698	4341606	NonCancer	2.34E-03	3.03E-03	7.44E-07	3.64E-04	4.13E-07	2.70E-03	5.60E-03	2.33E-03	7.95E-09	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	5.60E-03
112	ALL	669919.3	4341606	NonCancer	2.65E-03	3.33E-03	7.21E-07	3.60E-04	4.23E-07	3.02E-03	5.87E-03	2.65E-03	9.41E-09	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	5.87E-03
113	ALL	670140.6	4341606	NonCancer	3.64E-03	4.45E-03	8.48E-07	4.32E-04	5.27E-07	4.07E-03	7.51E-03	3.64E-03	1.08E-08	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	7.51E-03
114	ALL	670361.9	4341606	NonCancer	4.87E-03	5.83E-03	9.92E-07	5.16E-04	6.52E-07	5.39E-03	9.51E-03	4.87E-03	1.26E-08	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	9.51E-03
115	ALL	670583.2	4341606	NonCancer	6.55E-03	7.90E-03	1.41E-06	7.25E-04	9.03E-07	7.28E-03	1.31E-02	6.55E-03	2.05E-08	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	1.31E-02
116	ALL	670804.5	4341606	NonCancer	8.78E-03	1.16E-02	3.05E-06	1.47E-03	1.65E-06	1.03E-02	2.18E-02	8.78E-03	4.90E-08	0.00E+00	0.00E+00	4.54E-04	0.00E+00	0.00E+00	2.18E-02
117	ALL	671025.8	4341606	NonCancer	1.14E-02	1.66E-02	5.76E-06	2.70E-03	2.85E-06	1.41E-02	3.53E-02	1.14E-02	4.60E-08	0.00E+00	0.00E+00	8.40E-04	0.00E+00	0.00E+00	3.53E-02
118	ALL	671689.8	4341606	NonCancer	5.51E-02	8.43E-02	3.26E-05	1.51E-02	1.56E-05	7.03E-02	1.89E-01	5.51E-02	4.00E-08	0.00E+00	0.00E+00	4.69E-03	0.00E+00	0.00E+00	1.89E-01
119	ALL	671911.1	4341606	NonCancer	1.68E-02	2.56E-02	9.83E-06	4.55E-03	4.72E-06	2.14E-02	5.75E-02	1.68E-02	7.53E-09	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	5.75E-02
120	ALL	672132.4	4341606	NonCancer	7.84E-03	1.19E-02	4.49E-06	2.08E-03	2.16E-06	9.94E-03	2.64E-02	7.84E-03	3.42E-09	0.00E+00	0.00E+00	6.46E-04	0.00E+00	0.00E+00	2.64E-02
121	ALL	672353.7	4341606	NonCancer	4.85E-03	7.31E-03	2.74E-06	1.27E-03	1.33E-06	6.13E-03	1.62E-02	4.85E-03	2.32E-09	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	1.62E-02
122	ALL	672575	4341606	NonCancer	4.18E-03	6.27E-03	2.33E-06	1.08E-03	1.13E-06	5.27E-03	1.38E-02	4.18E-03	7.99E-09	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	1.38E-02
123	ALL	668148.8	4341771	NonCancer	6.91E-04	9.14E-04	2.41E-07	1.17E-04	1.30E-07	8.09E-04	1.73E-03	6.91E-04	2.58E-09	0.00E+00	0.00E+00	3.57E-05	0.00E+00	0.00E+00	1.73E-03
124	ALL	668370.1	4341771	NonCancer	8.05E-04	1.06E-03	2.79E-07	1.35E-04	1.51E-07	9.41E-04	2.01E-03	8.05E-04	2.88E-09	0.00E+00	0.00E+00	4.12E-05	0.00E+00	0.00E+00	2.01E-03
125	ALL	668591.4	4341771	NonCancer	8.90E-04	1.18E-03	3.14E-07	1.52E-04	1.69E-07	1.04E-03	2.24E-03	8.90E-04	3.25E-09	0.00E+00	0.00E+00	4.64E-05	0.00E+00	0.00E+00	2.24E-03
126	ALL	668812.7	4341771	NonCancer	1.03E-03	1.36E-03	3.64E-07	1.76E-04	1.96E-07	1.21E-03	2.60E-03	1.03E-03	3.76E-09	0.00E+00	0.00E+00	5.37E-05	0.00E+00	0.00E+00	2.60E-03
127	ALL	669034	4341771	NonCancer	1.21E-03	1.61E-03	4.27E-07	2.07E-04	2.30E-07	1.42E-03	3.06E-03	1.21E-03	4.43E-09	0.00E+00	0.00E+00	6.31E-05	0.00E+00	0.00E+00	3.06E-03
128	ALL	669255.3	4341771	NonCancer	1.48E-03	1.95E-03	5.10E-07	2.47E-04	2.77E-07	1.73E-03	3.69E-03	1.48E-03	5.31E-09	0.00E+00	0.00E+00	7.53E-05	0.00E+00	0.00E+00	3.69E-03
129	ALL	669476.7	4341771	NonCancer	1.70E-03	2.25E-03	5.99E-07	2.90E-04	3.23E-07	1.99E-03	4.29E-03	1.70E-03	7.43E-09	0.00E+00	0.00E+00	8.87E-05	0.00E+00	0.00E+00	4.29E-03
130	ALL	669698	4341771	NonCancer	1.90E-03	2.51E-03	6.61E-07	3.20E-04	3.58E-07	2.22E-03	4.76E-03	1.90E-03	8.23E-09	0.00E+00	0.00E+00	9.81E-05	0.00E+00	0.00E+00	4.76E-03
131	ALL	669919.3	4341771	NonCancer	2.15E-03	2.75E-03	6.47E-07	3.18E-04	3.67E-07	2.47E-03	4.99E-03	2.15E-03	7.58E-09	0.00E+00	0.00E+00	9.68E-05	0.00E+00	0.00E+00	4.99E-03
132	ALL	670140.6	4341771	NonCancer	2.73E-03	3.41E-03	7.21E-07	3.61E-04	4.28E-07	3.09E-03	5.96E-03	2.73E-03	7.74E-09	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	5.96E-03
133	ALL	670361.9	4341771	NonCancer	3.54E-03	4.30E-03	7.94E-07	4.07E-04	5.02E-07	3.94E-03	7.19E-03	3.53E-03	7.93E-09	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	7.19E-03
134	ALL	670583.2	4341771	NonCancer	7.16E-03	8.57E-03	1.45E-06	7.54E-04	9.55E-07	7.92E-03	1.40E-02	7.16E-03	1.60E-08	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	1.40E-02
135	ALL	670804.5	4341771	NonCancer	1.19E-02	1.53E-02	3.62E-06	1.78E-03	2.03E-06	1.37E-02	2.79E-02	1.19E-02	6.35E-08	0.00E+00	0.00E+00	5.42E-04	0.00E+00	0.00E+00	2.79E-02
136	ALL	671025.8	4341771	NonCancer	1.96E-02	2.73E-02	8.52E-06	4.04E-03	4.32E-06	2.36E-02	5.53E-02	1.96E-02	2.14E-07	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	5.53E-02
137	ALL	671689.8	4341771	NonCancer	4.55E-02	6.95E-02	2.68E-05	1.24E-02	1.29E-05	5.80E-02	1.56E-01	4.55E-02	1.72E-08	0.00E+00	0.00E+00	3.85E-03	0.00E+00	0.00E+00	1.56E-01
138	ALL	671911.1	4341771	NonCancer	1.75E-02	2.66E-02	1.01E-05	4.69E-03	4.87E-06	2.22E-02	5.94E-02	1.75E-02	9.44E-09	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	5.94E-02
139	ALL	672132.4	4341771	NonCancer	7.42E-03	1.12E-02	4.21E-06	1.95E-03	2.03E-06	9.39E-03	2.49E-02	7.42E-03	3.54E-09	0.00E+00	0.00E+00	6.05E-04	0.00E+00	0.00E+00	2.49E-02
140	ALL	672353.7	4341771	NonCancer	4.35E-03	6.54E-03	2.43E-06	1.13E-03	1.18E-06	5.49E-03	1.45E-02	4.35E-03	2.21E-09	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	1.45E-02
141	ALL	672575	4341771	NonCancer	4.16E-03	6.22E-03	2.29E-06	1.07E-03	1.11E-06	5.23E-03	1.36E-02	4.16E-03	8.45E-09	0.00E+00	0.00E+00	3.31E-04	0.00E+00	0.00E+00	1.36E-02
142	ALL	668148.8	4341936	NonCancer	6.54E-04	8.67E-04	2.32E-07	1.12E-04	1.25E-07	7.66E-04	1.65E-03	6.54E-04	2.55E-09	0.00E+00	0.00E+00	3.43E-05	0.00E+00	0.00E+00	1.65E-03
143	ALL	668370.1	4341936	NonCancer	7.41E-04	9.86E-04	2.66E-07	1.28E-04	1.43E-07	8.71E-04	1.89E-03	7.41E-04	2.93E-09	0.00E+00	0.00E+00	3.93E-05	0.00E+00	0.00E+00	1.89E-03
144	ALL	668591.4	4341936	NonCancer	8.53E-04	1.14E-03	3.07E-07	1.48E-04	1.65E-07	1.00E-03	2.18E-03	8.53E-04	3.31E-09	0.00E+00	0.00E+00	4.54E-05	0.00E+00	0.00E+00	2.18E-03
145	ALL	668812.7	4341936	NonCancer	9.93E-04	1.32E-03	3.57E-07	1.72E-04	1.91E-07	1.17E-03	2.53E-03	9.93E-04	3.85E-09	0.00E+00	0.00E+00	5.27E-05	0.00E+00	0.00E+00	2.53E-03
146	ALL	669034	4341936	NonCancer	1.17E-03	1.56E-03	4.17E-07	2.02E-04	2.24E-07	1.37E-03	2.97E-03	1.17E-03	4.53E-09	0.00E+00	0.00E+00	6.16E-05	0.00E+00	0.00E+00	2.97E-03
147	ALL	669255.3	4341936	NonCancer	1.31E-03	1.76E-03	4.79E-07	2.31E-04	2.56E-07	1.55E-03	3.38E-03	1.31E-03	6.22E-09	0.00E+00	0.00E+00	7.09E-05	0.00E+00	0.00E+00	3.38E-03
148	ALL	669476.7	4341936	NonCancer	1.41E-03	1.88E-03	5.12E-07	2.47E-04	2.74E-07	1.66E-03	3.61E-03	1.41E-03	6.55E-09	0.00E+00	0.00E+00	7.58E-05	0.00E+00	0.00E+00	3.61E-03
149	ALL	669698	4341936	NonCancer	1.45E-03	1.86E-03	4.47E-07	2.19E-04	2.51E-07	1.67E-03	3.40E-03	1.45E-03	5.16E-09	0.00E+00	0.00E+00	6.67E-05	0.00E+00	0.00E+00	3.40E-03
150	ALL	669919.3	4341936	NonCancer	1.55E-03	1.96E-03	4.33E-07	2.15E-04	2.52E-07	1.76E-03	3.46E-03	1.55E-03	4.44E-09	0.00E+00	0.00E+00	6.50E-05	0.00E+00	0.00E+00	3.46E-03
151	ALL	670140.6	4341936	NonCancer	1.93E-03	2.44E-03	5.33E-07	2.65E-04	3.12E-07	2.20E-03	4.30E-03	1.93E-03	5.39E-09	0.00E+00	0.00E+00	8.02E-05	0.00E+00	0.00E+00	4.30E-03
152	ALL	670361.9	4341936	NonCancer	2.79E-03	3.52E-03	7.71E-07	3.83E-04	4.52E-07	3.18E-03	6.22E-03	2.79E-03	7.44E-09	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	6.22E-03
153	ALL	670583.2	4341936	NonCancer	5.53E-03	7.19E-03	1.79E-06	8.75E-04	9.93E-07	6.41E-03	1.34E-02	5.53E-03	2.14E-08	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	1.34E-02
154	ALL	670804.5	4341936	NonCancer	1.42E-02	1.92E-02	5.48E-06	2.63E-03	2.88E-06	1.69E-02	3.81E-02	1.42E-02	6.36E-08	0.00E+00	0.00E+00	8.08E-04	0.00E+00	0.00E+00	3.81E-02
155	ALL	671468.4	4341936	NonCancer	9.73E-02	1.48E-01	5.69E-05	2.64E-02	2.73E-05	1.24E-01	3.31E-01	9.73E-02	7.46E-08	0.00E+00	0.00E+00	8.18E-03	0.00E+00	0.00E+00	3.31E-01
156	ALL	671689.8	4341936	NonCancer	2.82E-02	4.27E-02	1.61E-05	7.49E-03	7.78E-06	3.58E-02	9.48E-02	2.82E-02	1.90E-08	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	9.48E-02
157	ALL	671911.1	4341936	NonCancer	1.33E-02	2.00E-02	7.47E-06	3.47E-03	3.61E-06	1.68E-02	4.42E-02	1.33E-02	9.38E-09	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	4.42E-02
158	ALL	672132.4	4341936	NonCancer	6.39E-03	9.57E-03	3.53E-06	1.64E-03	1.71E-06	8.05E-03	2.10E-02	6.39E-03	3.94E-09	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	2.10E-02
159	ALL	672353.7	4341936	NonCancer	3.81E-03	5.69E-03	2.09E-06	9.70E-04	1.01E-06	4.79E-03	1.25E-02	3.81E-03	2.28E-09	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	1.25E-02
160	ALL	672575	4341936	NonCancer	3.69E-03	5.51E-03	2.02E-06	9.42E-04	9.84E-07	4.64E-03	1.21E-02	3.69E-03	3.20E-09	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	1.21E-02
161	ALL	668148.8	4342101	NonCancer	6.44E-04	8.55E-04	2.28E-07	1.10E-04	1.23E-07	7.55E-04	1.63E-03	6.44E-04	2.76E-09	0.00E+00	0.00E+00	3.38E-05	0.00E+00	0.00E+00	1.63E-03
162	ALL	668370.1	4342101	NonCancer	7.37E-04	9.80E-04	2.63E-07	1.27E-04	1.41E-07	8.65E-04	1.87E-03	7.37E-04	3.02E-09	0.00E+00	0.00E+00	3.89E-05	0.00E+00	0.00E+00	1.87E-03
163	ALL	668591.4	4342101	NonCancer	8.53E-04	1.13E-03	3.03E-07	1.46E-04	1.63E-07	1.00E-03	2.16E-03	8.53E-04	3.42E-09	0.00E+00	0.00E+00	4.48E-05	0.00E+00	0.00E+00	2.16E-03
164	ALL	668812.7	4342101	NonCancer	9.69E-04	1.29E-03	3.47E-07	1.68E-04	1.86E-07	1.14E-03	2.47E-03	9.69E-04	3.95E-09	0.00E+00	0.00E+00	5.13E-05	0.00E+00	0.00E+00	2.47E-03
165	ALL	669034	4342101	NonCancer	1.14E-03	1.52E-03	4.07E-07	1.96E-04	2.18E-07	1.34E-03	2.89E-03	1.14E-03	4.65E-09	0.00E+00	0.00E+00	6.00E-05	0.00E+00	0.00E+00	2.89E-03
166	ALL	669255.3	4342101	NonCancer	1.28E-03	1.69E-03	4.53E-07	2.19E-04	2.43E-07	1.50E-03	3.23E-03	1.28E-03	5.56E-09	0.00E+00	0.00E+00	6.69E-05	0.00E+00	0.00E+00	3.23E-03
167	ALL	669476.7	4342101	NonCancer	1.31E-03	1.75E-03	4.72E-07	2.28E-04	2.53E-07	1.54E-03	3.34E-03	1.31E-03	7.77E-09	0.00E+00	0.00E+00	7.02E-05	0.00E+00	0.00E+00	3.34E-03
168	ALL	669698	4342101	NonCancer	1.47E-03	1.94E-03	5.08E-07	2.46E-04	2.75E-07	1.72E-03	3.66E-03	1.47E-03	8.22E-09	0.00E+00	0.00E+00	7.58E-05	0.00E+00	0.00E+00	3.66E-03
169	ALL	669919.3	4342101	NonCancer	1.80E-03	2.37E-03	6.18E-07	3.00E-04	3.36E-07	2.10E-03	4.47E-03	1.80E-03	9.17E-09	0.00E+00	0.00E+00	9.21E-05	0.00E+00	0.00E+00	4.47E-03
170	ALL	670140.6	4342101	NonCancer	2.15E-03	2.79E-03	6.98E-07	3.40E-04	3.86E-07	2.49E-03	5.17E-03	2.15E-03	8.52E-09	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	5.17E-03
171	ALL	670361.9	4342101	NonCancer	4.08E-03	5.63E-03	1.71E-06	8.12E-04	8.77E-07	4.89E-03	1.13E-02	4.07E-03	2.67E-08	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	1.13E-02
172	ALL	670583.2	4342101	NonCancer	6.92E-03	9.64E-03	2.99E-06	1.42E-03	1.52E-06	8.35E-03	1.97E-02	6.92E-03	3.31E-08	0.00E+00	0.00E+00	4.37E-04	0.00E+00	0.00E+00	1.97E-02
173	ALL	671468.4	4342101	NonCancer	4.26E-02	6.37E-02	2.35E-05	1.09E-02	1.14E-05	5.36E-02	1.40E-01	4.26E-02	3.58E-08	0.00E+00	0.00E+00	3.39E-03	0.00E+00	0.00E+00	1.40E-01
174	ALL	671689.8	4342101	NonCancer	1.88E-02	2.81E-02	1.04E-05	4.82E-03	5.04E-06	2.37E-02	6.18E-02	1.88E-02	1.39E-08	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	6.18E-02
175	ALL	671911.1	4342101	NonCancer	1.01E-02	1.51E-02	5.51E-06	2.57E-03	2.68E-06	1.27E-02	3.30E-02	1.01E-02	8.54E-09	0.00E+00	0.00E+00	7.95E-04	0.00E+00	0.00E+00	3.30E-02
176	ALL	672132.4	4342101	NonCancer	5.77E-03	8.56E-03	3.11E-06	1.45E-03	1.52E-06	7.23E-03	1.87E-02	5.76E-03	4.32E-09	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	1.87E-02
177	ALL	672353.7	4342101	NonCancer	3.60E-03	5.33E-03	1.93E-06	8.97E-04	9.41E-07	4.50E-03	1.16E-02	3.60E-03	2.40E-09	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	1.16E-02
178	ALL	672575	4342101	NonCancer	3.37E-03	5.01E-03	1.83E-06	8.50E-04	8.90E-07	4.23E-03	1.10E-02	3.37E-03	2.98E-09	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	1.10E-02
179	ALL	668148.8	4342266	NonCancer	6.47E-04	8.55E-04	2.25E-07	1.09E-04	1.22E-07	7.57E-04	1.62E-03	6.47E-04	2.94E-09	0.00E+00	0.00E+00	3.34E-05	0.00E+00	0.00E+00	1.62E-03
180	ALL	668370.1	4342266	NonCancer	7.41E-04	9.80E-04	2.59E-07	1.25E-04	1.40E-07	8.67E-04	1.86E-03	7.41E-04	3.13E-09	0.00E+00	0.00E+00	3.83E-05	0.00E+00	0.00E+00	1.86E-03
181	ALL	668591.4	4342266	NonCancer	8.15E-04	1.08E-03	2.90E-07	1.40E-04	1.56E-07	9.55E-04	2.07E-03	8.14E-04	3.51E-09	0.00E+00	0.00E+00	4.28E-05	0.00E+00	0.00E+00	2.07E-03
182	ALL	668812.7	4342266	NonCancer	9.33E-04	1.24E-03	3.37E-07	1.62E-04	1.80E-07	1.10E-03	2.39E-03	9.33E-04	4.00E-09	0.00E+00	0.00E+00	4.97E-05	0.00E+00	0.00E+00	2.39E-03
183	ALL	669034	4342266	NonCancer	1.08E-03	1.44E-03	3.98E-07	1.91E-04	2.11E-07	1.27E-03	2.79E-03	1.07E-03	4.67E-09	0.00E+00	0.00E+00	5.86E-05	0.00E+00	0.00E+00	2.79E-03
184	ALL	669255.3	4342266	NonCancer	1.29E-03	1.74E-03	4.86E-07	2.33E-04	2.57E-07	1.53E-03	3.38E-03	1.29E-03	5.64E-09	0.00E+00	0.00E+00	7.16E-05	0.00E+00	0.00E+00	3.38E-03
185	ALL	669476.7	4342266	NonCancer	1.58E-03	2.13E-03	6.03E-07	2.89E-04	3.17E-07	1.87E-03	4.16E-03	1.58E-03	6.91E-09	0.00E+00	0.00E+00	8.86E-05	0.00E+00	0.00E+00	4.16E-03
186	ALL	669698	4342266	NonCancer	1.98E-03	2.67E-03	7.50E-07	3.60E-04	3.95E-07	2.34E-03	5.20E-03	1.98E-03	8.71E-09	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	5.20E-03
187	ALL	669919.3	4342266	NonCancer	2.54E-03	3.45E-03	9.92E-07	4.75E-04	5.18E-07	3.02E-03	6.79E-03	2.54E-03	1.12E-08	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	6.79E-03
188	ALL	670140.6	4342266	NonCancer	3.27E-03	4.46E-03	1.31E-06	6.26E-04	6.80E-07	3.90E-03	8.88E-03	3.27E-03	2.16E-08	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	8.88E-03
189	ALL	670361.9	4342266	NonCancer	4.63E-03	6.40E-03	1.95E-06	9.25E-04	9.97E-07	5.56E-03	1.30E-02	4.63E-03	2.08E-08	0.00E+00	0.00E+00	2.84E-04	0.00E+00	0.00E+00	1.30E-02
190	ALL	670583.2	4342266	NonCancer	6.95E-03	9.66E-03	2.97E-06	1.41E-03	1.52E-06	8.37E-03	1.97E-02	6.95E-03	3.02E-08	0.00E+00	0.00E+00	4.34E-04	0.00E+00	0.00E+00	1.97E-02
191	ALL	670804.5	4342266	NonCancer	1.23E-02	1.71E-02	5.19E-06	2.47E-03	2.66E-06	1.48E-02	3.48E-02	1.23E-02	4.82E-08	0.00E+00	0.00E+00	7.58E-04	0.00E+00	0.00E+00	3.48E-02
192	ALL	671025.8	4342266	NonCancer	2.48E-02	3.29E-02	8.78E-06	4.24E-03	4.73E-06	2.91E-02	6.33E-02	2.48E-02	8.02E-08	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	6.33E-02
193	ALL	671247.1	4342266	NonCancer	3.73E-02	5.27E-02	1.69E-05	7.99E-03	8.54E-06	4.54E-02	1.08E-01	3.73E-02	8.51E-08	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	1.08E-01
194	ALL	671468.4	4342266	NonCancer	2.70E-02	4.01E-02	1.45E-05	6.77E-03	7.09E-06	3.38E-02	8.73E-02	2.70E-02	2.84E-08	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	8.73E-02
195	ALL	671689.8	4342266	NonCancer	1.46E-02	2.17E-02	7.88E-06	3.67E-03	3.84E-06	1.83E-02	4.73E-02	1.46E-02	1.14E-08	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	4.73E-02
196	ALL	671911.1	4342266	NonCancer	7.89E-03	1.17E-02	4.20E-06	1.96E-03	2.06E-06	9.86E-03	2.53E-02	7.89E-03	6.33E-09	0.00E+00	0.00E+00	6.06E-04	0.00E+00	0.00E+00	2.53E-02
197	ALL	672132.4	4342266	NonCancer	5.22E-03	7.71E-03	2.77E-06	1.29E-03	1.35E-06	6.52E-03	1.67E-02	5.22E-03	4.45E-09	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	1.67E-02

198	ALL	672353.7	4342266	NonCancer	3.58E-03	5.29E-03	1.89E-06	8.83E-04	9.28E-07	4.47E-03	1.15E-02	3.58E-03	3.10E-09	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	1.15E-02
199	ALL	672575	4342266	NonCancer	3.25E-03	4.79E-03	1.71E-06	7.99E-04	8.39E-07	4.05E-03	1.03E-02	3.25E-03	8.10E-09	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	1.03E-02
200	ALL	668148.8	4342431	NonCancer	6.43E-04	8.42E-04	2.15E-07	1.05E-04	1.18E-07	7.48E-04	1.58E-03	6.43E-04	2.74E-09	0.00E+00	0.00E+00	3.20E-05	0.00E+00	0.00E+00	1.58E-03
201	ALL	668370.1	4342431	NonCancer	7.39E-04	9.74E-04	2.54E-07	1.23E-04	1.38E-07	8.63E-04	1.84E-03	7.39E-04	3.43E-09	0.00E+00	0.00E+00	3.77E-05	0.00E+00	0.00E+00	1.84E-03
202	ALL	668591.4	4342431	NonCancer	8.19E-04	1.08E-03	2.84E-07	1.37E-04	1.54E-07	9.58E-04	2.05E-03	8.19E-04	3.59E-09	0.00E+00	0.00E+00	4.20E-05	0.00E+00	0.00E+00	2.05E-03
203	ALL	668812.7	4342431	NonCancer	9.37E-04	1.24E-03	3.30E-07	1.60E-04	1.78E-07	1.10E-03	2.37E-03	9.37E-04	4.10E-09	0.00E+00	0.00E+00	4.88E-05	0.00E+00	0.00E+00	2.37E-03
204	ALL	669034	4342431	NonCancer	1.08E-03	1.44E-03	3.93E-07	1.89E-04	2.10E-07	1.27E-03	2.78E-03	1.08E-03	4.75E-09	0.00E+00	0.00E+00	5.79E-05	0.00E+00	0.00E+00	2.78E-03
205	ALL	669255.3	4342431	NonCancer	1.28E-03	1.72E-03	4.81E-07	2.31E-04	2.54E-07	1.51E-03	3.35E-03	1.28E-03	5.45E-09	0.00E+00	0.00E+00	7.08E-05	0.00E+00	0.00E+00	3.35E-03
206	ALL	669476.7	4342431	NonCancer	1.59E-03	2.15E-03	6.19E-07	2.96E-04	3.24E-07	1.89E-03	4.24E-03	1.59E-03	6.71E-09	0.00E+00	0.00E+00	9.08E-05	0.00E+00	0.00E+00	4.24E-03
207	ALL	669698	4342431	NonCancer	1.95E-03	2.66E-03	7.80E-07	3.73E-04	4.05E-07	2.32E-03	5.29E-03	1.95E-03	8.28E-09	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	5.29E-03
208	ALL	669919.3	4342431	NonCancer	2.49E-03	3.42E-03	1.02E-06	4.85E-04	5.25E-07	2.98E-03	6.85E-03	2.49E-03	1.06E-08	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	6.85E-03
209	ALL	670140.6	4342431	NonCancer	3.23E-03	4.46E-03	1.34E-06	6.39E-04	6.90E-07	3.88E-03	8.98E-03	3.23E-03	1.35E-08	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	8.98E-03
210	ALL	670361.9	4342431	NonCancer	4.53E-03	6.25E-03	1.89E-06	9.00E-04	9.71E-07	5.44E-03	1.26E-02	4.53E-03	1.79E-08	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	1.26E-02
211	ALL	670583.2	4342431	NonCancer	6.99E-03	9.59E-03	2.85E-06	1.36E-03	1.47E-06	8.36E-03	1.92E-02	6.99E-03	3.79E-08	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	1.92E-02
212	ALL	670804.5	4342431	NonCancer	1.21E-02	1.64E-02	4.68E-06	2.24E-03	2.46E-06	1.44E-02	3.24E-02	1.21E-02	4.97E-08	0.00E+00	0.00E+00	6.89E-04	0.00E+00	0.00E+00	3.24E-02
213	ALL	671025.8	4342431	NonCancer	1.99E-02	2.65E-02	7.16E-06	3.45E-03	3.85E-06	2.34E-02	5.09E-02	1.99E-02	5.10E-08	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	5.09E-02
214	ALL	671247.1	4342431	NonCancer	2.11E-02	2.95E-02	9.34E-06	4.42E-03	4.76E-06	2.55E-02	6.04E-02	2.10E-02	3.22E-08	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	6.04E-02
215	ALL	671468.4	4342431	NonCancer	1.76E-02	2.59E-02	9.20E-06	4.30E-03	4.51E-06	2.19E-02	5.58E-02	1.76E-02	1.86E-08	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	5.58E-02
216	ALL	671689.8	4342431	NonCancer	1.08E-02	1.60E-02	5.78E-06	2.69E-03	2.83E-06	1.35E-02	3.48E-02	1.08E-02	8.43E-09	0.00E+00	0.00E+00	8.34E-04	0.00E+00	0.00E+00	3.48E-02
217	ALL	671911.1	4342431	NonCancer	6.31E-03	9.32E-03	3.34E-06	1.56E-03	1.64E-06	7.88E-03	2.02E-02	6.31E-03	4.99E-09	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	2.02E-02
218	ALL	672132.4	4342431	NonCancer	4.38E-03	6.45E-03	2.30E-06	1.07E-03	1.13E-06	5.46E-03	1.39E-02	4.38E-03	3.82E-09	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	1.39E-02
219	ALL	672353.7	4342431	NonCancer	3.74E-03	5.52E-03	1.98E-06	9.22E-04	9.68E-07	4.67E-03	1.19E-02	3.74E-03	4.86E-09	0.00E+00	0.00E+00	2.86E-04	0.00E+00	0.00E+00	1.19E-02
220	ALL	672575	4342431	NonCancer	2.97E-03	4.37E-03	1.55E-06	7.25E-04	7.62E-07	3.70E-03	9.40E-03	2.97E-03	7.53E-09	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	9.40E-03
221	ALL	668148.8	4342596	NonCancer	6.77E-04	8.85E-04	2.24E-07	1.09E-04	1.23E-07	7.87E-04	1.66E-03	6.77E-04	2.88E-09	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	1.66E-03
222	ALL	668370.1	4342596	NonCancer	7.60E-04	9.95E-04	2.55E-07	1.24E-04	1.39E-07	8.84E-04	1.87E-03	7.59E-04	3.26E-09	0.00E+00	0.00E+00	3.78E-05	0.00E+00	0.00E+00	1.87E-03
223	ALL	668591.4	4342596	NonCancer	8.66E-04	1.14E-03	2.96E-07	1.43E-04	1.61E-07	1.01E-03	2.16E-03	8.65E-04	3.73E-09	0.00E+00	0.00E+00	4.38E-05	0.00E+00	0.00E+00	2.16E-03
224	ALL	668812.7	4342596	NonCancer	1.00E-03	1.32E-03	3.49E-07	1.69E-04	1.88E-07	1.17E-03	2.52E-03	1.00E-03	4.30E-09	0.00E+00	0.00E+00	5.16E-05	0.00E+00	0.00E+00	2.52E-03
225	ALL	669034	4342596	NonCancer	1.16E-03	1.54E-03	4.16E-07	2.01E-04	2.23E-07	1.36E-03	2.97E-03	1.16E-03	4.95E-09	0.00E+00	0.00E+00	6.14E-05	0.00E+00	0.00E+00	2.97E-03
226	ALL	669255.3	4342596	NonCancer	1.37E-03	1.83E-03	5.07E-07	2.44E-04	2.69E-07	1.61E-03	3.56E-03	1.37E-03	5.51E-09	0.00E+00	0.00E+00	7.45E-05	0.00E+00	0.00E+00	3.56E-03
227	ALL	669476.7	4342596	NonCancer	1.60E-03	2.17E-03	6.12E-07	2.93E-04	3.22E-07	1.90E-03	4.24E-03	1.60E-03	6.37E-09	0.00E+00	0.00E+00	8.97E-05	0.00E+00	0.00E+00	4.24E-03
228	ALL	669698	4342596	NonCancer	2.00E-03	2.72E-03	7.89E-07	3.77E-04	4.11E-07	2.38E-03	5.39E-03	2.00E-03	7.94E-09	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	5.39E-03
229	ALL	669919.3	4342596	NonCancer	2.44E-03	3.34E-03	9.86E-07	4.70E-04	5.11E-07	2.92E-03	6.67E-03	2.44E-03	9.49E-09	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	6.67E-03
230	ALL	670140.6	4342596	NonCancer	3.31E-03	4.54E-03	1.34E-06	6.40E-04	6.95E-07	3.96E-03	9.07E-03	3.31E-03	1.23E-08	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	9.07E-03
231	ALL	670361.9	4342596	NonCancer	4.90E-03	6.62E-03	1.88E-06	9.02E-04	9.88E-07	5.81E-03	1.30E-02	4.90E-03	1.56E-08	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	1.30E-02
232	ALL	670583.2	4342596	NonCancer	6.31E-03	8.36E-03	2.22E-06	1.07E-03	1.20E-06	7.40E-03	1.59E-02	6.31E-03	1.98E-08	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	1.59E-02
233	ALL	670804.5	4342596	NonCancer	9.73E-03	1.29E-02	3.46E-06	1.67E-03	1.86E-06	1.14E-02	2.47E-02	9.73E-03	2.78E-08	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	2.47E-02
234	ALL	671025.8	4342596	NonCancer	1.42E-02	1.91E-02	5.35E-06	2.57E-03	2.84E-06	1.68E-02	3.71E-02	1.42E-02	2.91E-08	0.00E+00	0.00E+00	7.85E-04	0.00E+00	0.00E+00	3.71E-02
235	ALL	671247.1	4342596	NonCancer	1.54E-02	2.17E-02	6.88E-06	3.25E-03	3.50E-06	1.87E-02	4.44E-02	1.54E-02	2.21E-08	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	4.44E-02
236	ALL	671468.4	4342596	NonCancer	1.21E-02	1.76E-02	6.17E-06	2.88E-03	3.04E-06	1.50E-02	3.78E-02	1.21E-02	1.21E-08	0.00E+00	0.00E+00	8.91E-04	0.00E+00	0.00E+00	3.78E-02
237	ALL	671689.8	4342596	NonCancer	7.84E-03	1.16E-02	4.16E-06	1.94E-03	2.04E-06	9.80E-03	2.51E-02	7.84E-03	6.06E-09	0.00E+00	0.00E+00	6.00E-04	0.00E+00	0.00E+00	2.51E-02
238	ALL	671911.1	4342596	NonCancer	4.89E-03	7.20E-03	2.57E-06	1.20E-03	1.26E-06	6.09E-03	1.56E-02	4.89E-03	3.58E-09	0.00E+00	0.00E+00	3.71E-04	0.00E+00	0.00E+00	1.56E-02
239	ALL	672132.4	4342596	NonCancer	3.54E-03	5.20E-03	1.84E-06	8.60E-04	9.05E-07	4.40E-03	1.12E-02	3.54E-03	2.88E-09	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	1.12E-02
240	ALL	672353.7	4342596	NonCancer	3.12E-03	4.60E-03	1.64E-06	7.65E-04	8.04E-07	3.89E-03	9.92E-03	3.12E-03	3.49E-09	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	9.92E-03
241	ALL	672575	4342596	NonCancer	2.65E-03	3.89E-03	1.37E-06	6.42E-04	6.75E-07	3.29E-03	8.34E-03	2.65E-03	6.95E-09	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	8.34E-03
242	ALL	668148.8	4342761	NonCancer	7.28E-04	9.50E-04	2.40E-07	1.17E-04	1.32E-07	8.45E-04	1.78E-03	7.28E-04	3.33E-09	0.00E+00	0.00E+00	3.57E-05	0.00E+00	0.00E+00	1.78E-03
243	ALL	668370.1	4342761	NonCancer	8.27E-04	1.08E-03	2.78E-07	1.35E-04	1.52E-07	9.63E-04	2.05E-03	8.27E-04	4.10E-09	0.00E+00	0.00E+00	4.13E-05	0.00E+00	0.00E+00	2.05E-03
244	ALL	668591.4	4342761	NonCancer	9.28E-04	1.22E-03	3.15E-07	1.53E-04	1.72E-07	1.08E-03	2.32E-03	9.28E-04	4.00E-09	0.00E+00	0.00E+00	4.68E-05	0.00E+00	0.00E+00	2.32E-03
245	ALL	668812.7	4342761	NonCancer	1.07E-03	1.41E-03	3.71E-07	1.80E-04	2.01E-07	1.25E-03	2.70E-03	1.07E-03	4.68E-09	0.00E+00	0.00E+00	5.50E-05	0.00E+00	0.00E+00	2.70E-03
246	ALL	669034	4342761	NonCancer	1.24E-03	1.65E-03	4.45E-07	2.15E-04	2.39E-07	1.46E-03	3.19E-03	1.24E-03	4.88E-09	0.00E+00	0.00E+00	6.56E-05	0.00E+00	0.00E+00	3.19E-03
247	ALL	669255.3	4342761	NonCancer	1.44E-03	1.92E-03	5.30E-07	2.55E-04	2.82E-07	1.69E-03	3.74E-03	1.44E-03	5.47E-09	0.00E+00	0.00E+00	7.79E-05	0.00E+00	0.00E+00	3.74E-03
248	ALL	669476.7	4342761	NonCancer	1.64E-03	2.21E-03	6.25E-07	3.00E-04	3.29E-07	1.94E-03	4.34E-03	1.64E-03	6.20E-09	0.00E+00	0.00E+00	9.16E-05	0.00E+00	0.00E+00	4.34E-03
249	ALL	669698	4342761	NonCancer	2.12E-03	2.86E-03	8.05E-07	3.86E-04	4.24E-07	2.51E-03	5.59E-03	2.12E-03	7.66E-09	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	5.59E-03
250	ALL	669919.3	4342761	NonCancer	2.62E-03	3.55E-03	1.02E-06	4.86E-04	5.32E-07	3.11E-03	7.00E-03	2.62E-03	9.04E-09	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	7.00E-03
251	ALL	670140.6	4342761	NonCancer	3.36E-03	4.54E-03	1.29E-06	6.18E-04	6.78E-07	3.99E-03	8.90E-03	3.36E-03	1.65E-08	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	8.90E-03
252	ALL	670361.9	4342761	NonCancer	4.76E-03	6.43E-03	1.81E-06	8.70E-04	9.57E-07	5.64E-03	1.26E-02	4.76E-03	1.98E-08	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	1.26E-02
253	ALL	670583.2	4342761	NonCancer	5.82E-03	7.65E-03	1.98E-06	9.62E-04	1.08E-06	6.79E-03	1.44E-02	5.82E-03	1.55E-08	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	1.44E-02
254	ALL	670804.5	4342761	NonCancer	7.77E-03	1.03E-02	2.76E-06	1.34E-03	1.49E-06	9.12E-03	1.97E-02	7.77E-03	1.75E-08	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	1.97E-02
255	ALL	671025.8	4342761	NonCancer	9.97E-03	1.35E-02	3.88E-06	1.86E-03	2.05E-06	1.18E-02	2.66E-02	9.97E-03	1.64E-08	0.00E+00	0.00E+00	5.69E-04	0.00E+00	0.00E+00	2.66E-02
256	ALL	671247.1	4342761	NonCancer	1.05E-02	1.48E-02	4.72E-06	2.23E-03	2.40E-06	1.27E-02	3.04E-02	1.05E-02	1.27E-08	0.00E+00	0.00E+00	6.86E-04	0.00E+00	0.00E+00	3.04E-02
257	ALL	671468.4	4342761	NonCancer	9.04E-03	1.31E-02	4.52E-06	2.12E-03	2.24E-06	1.12E-02	2.79E-02	9.04E-03	8.82E-09	0.00E+00	0.00E+00	6.53E-04	0.00E+00	0.00E+00	2.79E-02
258	ALL	671689.8	4342761	NonCancer	6.47E-03	9.52E-03	3.38E-06	1.58E-03	1.66E-06	8.06E-03	2.06E-02	6.46E-03	5.30E-09	0.00E+00	0.00E+00	4.88E-04	0.00E+00	0.00E+00	2.06E-02
259	ALL	671911.1	4342761	NonCancer	3.99E-03	5.88E-03	2.10E-06	9.79E-04	1.03E-06	4.98E-03	1.27E-02	3.99E-03	2.92E-09	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	1.27E-02
260	ALL	672132.4	4342761	NonCancer	2.94E-03	4.30E-03	1.52E-06	7.08E-04	7.47E-07	3.65E-03	9.26E-03	2.94E-03	2.32E-09	0.00E+00	0.00E+00	2.19E-04	0.00E+00	0.00E+00	9.26E-03
261	ALL	672353.7	4342761	NonCancer	2.60E-03	3.82E-03	1.35E-06	6.31E-04	6.65E-07	3.23E-03	8.23E-03	2.60E-03	2.69E-09	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	8.23E-03
262	ALL	672575	4342761	NonCancer	2.16E-03	3.17E-03	1.12E-06	5.25E-04	5.52E-07	2.69E-03	6.83E-03	2.16E-03	2.49E-09	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	6.83E-03
263	ALL	668148.8	4342926	NonCancer	7.69E-04	1.00E-03	2.51E-07	1.23E-04	1.39E-07	8.93E-04	1.88E-03	7.69E-04	3.44E-09	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	1.88E-03
264	ALL	668370.1	4342926	NonCancer	8.66E-04	1.13E-03	2.88E-07	1.40E-04	1.58E-07	1.01E-03	2.14E-03	8.66E-04	4.33E-09	0.00E+00	0.00E+00	4.29E-05	0.00E+00	0.00E+00	2.14E-03
265	ALL	668591.4	4342926	NonCancer	9.83E-04	1.29E-03	3.34E-07	1.62E-04	1.82E-07	1.15E-03	2.47E-03	9.83E-04	5.04E-09	0.00E+00	0.00E+00	4.97E-05	0.00E+00	0.00E+00	2.47E-03
266	ALL	668812.7	4342926	NonCancer	1.10E-03	1.45E-03	3.81E-07	1.84E-04	2.06E-07	1.28E-03	2.80E-03	1.10E-03	5.28E-09	0.00E+00	0.00E+00	5.65E-05	0.00E+00	0.00E+00	2.80E-03
267	ALL	669034	4342926	NonCancer	1.24E-03	1.65E-03	4.43E-07	2.14E-04	2.38E-07	1.46E-03	3.26E-03	1.24E-03	5.04E-09	0.00E+00	0.00E+00	6.54E-05	0.00E+00	0.00E+00	3.26E-03
268	ALL	669476.7	4342926	NonCancer	1.64E-03	2.22E-03	6.28E-07	3.01E-04	3.31E-07	1.95E-03	4.37E-03	1.64E-03	5.86E-09	0.00E+00	0.00E+00	9.21E-05	0.00E+00	0.00E+00	4.37E-03
269	ALL	669698	4342926	NonCancer	2.17E-03	2.90E-03	7.99E-07	3.85E-04	4.25E-07	2.56E-03	5.63E-03	2.17E-03	6.96E-09	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	5.63E-03
270	ALL	669919.3	4342926	NonCancer	2.62E-03	3.51E-03	9.73E-07	4.68E-04	5.16E-07	3.09E-03	6.82E-03	2.62E-03	1.24E-08	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	6.82E-03
271	ALL	670140.6	4342926	NonCancer	3.39E-03	4.53E-03	1.24E-06	5.97E-04	6.62E-07	3.99E-03	8.73E-03	3.39E-03	1.36E-08	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	8.73E-03
272	ALL	670361.9	4342926	NonCancer	4.44E-03	5.91E-03	1.60E-06	7.70E-04	8.58E-07	5.22E-03	1.13E-02	4.44E-03	1.43E-08	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	1.13E-02
273	ALL	670583.2	4342926	NonCancer	5.74E-03	7.66E-03	2.09E-06	1.01E-03	1.12E-06	6.75E-03	1.48E-02	5.73E-03	1.68E-08	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	1.48E-02
274	ALL	670804.5	4342926	NonCancer	6.76E-03	9.10E-03	2.55E-06	1.22E-03	1.35E-06	7.99E-03	1.77E-02	6.76E-03	1.44E-08	0.00E+00	0.00E+00	3.74E-04	0.00E+00	0.00E+00	1.77E-02
275	ALL	671025.8	4342926	NonCancer	7.04E-03	9.63E-03	2.83E-06	1.35E-03	1.48E-06	8.40E-03	1.91E-02	7.04E-03	9.58E-09	0.00E+00	0.00E+00	4.14E-04	0.00E+00	0.00E+00	1.91E-02
276	ALL	671247.1	4342926	NonCancer	7.96E-03	1.12E-02	3.60E-06	1.70E-03	1.83E-06	9.67E-03	2.31E-02	7.96E-03	9.05E-09	0.00E+00	0.00E+00	5.23E-04	0.00E+00	0.00E+00	2.31E-02
277	ALL	671468.4	4342926	NonCancer	6.77E-03	9.79E-03	3.35E-06	1.57E-03	1.66E-06	8.35E-03	2.08E-02	6.77E-03	6.37E-09	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	2.08E-02
278	ALL	671689.8	4342926	NonCancer	5.19E-03	7.61E-03	2.68E-06	1.25E-03	1.32E-06	6.45E-03	1.64E-02	5.19E-03	4.27E-09	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	1.64E-02
279	ALL	671911.1	4342926	NonCancer	3.45E-03	5.07E-03	1.80E-06	8.40E-04	8.84E-07	4.29E-03	1.09E-02	3.45E-03	2.59E-09	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	1.09E-02
280	ALL	672132.4	4342926	NonCancer	2.33E-03	3.42E-03	1.21E-06	5.66E-04	5.96E-07	2.90E-03	7.39E-03	2.33E-03	1.68E-09	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	7.39E-03
281	ALL	672353.7	4342926	NonCancer	2.01E-03	2.93E-03	1.03E-06	4.79E-04	5.06E-07	2.49E-03	6.28E-03	2.01E-03	1.73E-09	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	6.28E-03
282	ALL	672575	4342926	NonCancer	1.80E-03	2.64E-03	9.32E-07	4.36E-04	4.59E-07	2.24E-03	5.69E-03	1.80E-03	1.79E-09	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	5.69E-03
283	ALL	668148.8	4343090	NonCancer	7.76E-04	1.01E-03	2.50E-07	1.22E-04	1.38E-07	8.99E-04	1.88E-03	7.76E-04	3.02E-09	0.00E+00	0.00E+00	3.71E-05	0.00E+00	0.00E+00	1.88E-03
284	ALL	668370.1	4343090	NonCancer	8.62E-04	1.13E-03	2.84E-07	1.38E-04	1.56E-07	1.00E-03	2.12E-03	8.62E-04	3.65E-09	0.00E+00	0.00E+00	4.22E-05	0.00E+00	0.00E+00	2.12E-03
285	ALL	668591.4	4343090	NonCancer	9.79E-04	1.29E-03	3.35E-07	1.62E-04	1.82E-07	1.14E-03	2.48E-03	9.79E-04	5.52E-09	0.00E+00	0.00E+00	4.99E-05	0.00E+00	0.00E+00	2.48E-03
286	ALL	669476.7	4343090	NonCancer	1.64E-03	2.20E-03	6.19E-07	2.97E-04	3.27E-07	1.93E-03	4.33E-03	1.63E-03	5.40E-09	0.00E+00	0.00E+00	9.09E-05	0.00E+00	0.00E+00	4.33E-03
287	ALL	669698	4343090	NonCancer	2.05E-03	2.76E-03	7.75E-07	3.72E-04	4.09E-07	2.42E-03	5.39E-03	2.05E-03	6.09E-09	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	5.39E-03
288	ALL	669919.3	4343090	NonCancer	2.68E-03	3.59E-03	9.82E-07	4.73E-04	5.24E-07	3.16E-03	6.93E-03	2.68E-03	6.99E-09	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	6.93E-03
289	ALL	670140.6	4343090	NonCancer	3.53E-03	4.72E-03	1.29E-06	6.22E-04	6.89E-07	4.16E-03	9.11E-03	3.53E-03	1.24E-08	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	9.11E-03
290	ALL	670361.9	4343090	NonCancer	4.21E-03	5.59E-03	1.50E-06	7.24E-04	8.08E-07	4.94E-03	1.07E-02	4.21E-03	8.75E-09	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	1.07E-02
291	ALL	670583.2	4343090	NonCancer	4.80E-03	6.44E-03	1.79E-06	8.58E-04	9.52E-07	5.66E-03	1.25E-02	4.80E-03	9.54E-09	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	1.25E-02
292	ALL	670804.5	4343090	NonCancer	5.70E-03	7.72E-03	2.21E-06	1.06E-03	1.17E-06	6.76E-03	1.52E-02	5.69E-03	1.12E-08	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	1.52E-02
293	ALL	671025.8	4343090	NonCancer	5.55E-03	7.64E-03	2.30E-06	1.09E-03	1.19E-06	6.65E-03	1.53E-02	5.55E-03	7.09E-09	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	1.53E-02
294	ALL	671247.1	4343090	NonCancer	6.17E-03	8.71E-03	2.81E-06	1.32E-03	1.42E-06	7.50E-03	1.80E-02	6.17E-03	6.64E-09	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	1.80E-02
295	ALL	671468.4	4343090	NonCancer	5.37E-03	7.75E-03	2.63E-06	1.23E-03	1.31E-06	6.62E-03	1.64E-02	5.37E-03	5.00E-09	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	1.64E-02
296	ALL	671689.8	4343090	NonCancer	4.23E-03	6.18E-03	2.16E-06	1.01E-03	1.07E-06	5.25E-03	1.33E-02	4.23E-03	3.46E-09	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	1.33E-02

297	ALL	671911.1	4343090	NonCancer	2.98E-03	4.37E-03	1.55E-06	7.22E-04	7.60E-07	3.71E-03	9.42E-03	2.98E-03	2.28E-09	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	9.42E-03
298	ALL	672132.4	4343090	NonCancer	2.10E-03	3.08E-03	1.09E-06	5.09E-04	5.36E-07	2.61E-03	6.64E-03	2.10E-03	1.56E-09	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	6.64E-03
299	ALL	672353.7	4343090	NonCancer	1.50E-03	2.20E-03	7.74E-07	3.62E-04	3.81E-07	1.87E-03	4.73E-03	1.50E-03	1.08E-09	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	4.73E-03
300	ALL	672575	4343090	NonCancer	1.32E-03	1.92E-03	6.69E-07	3.13E-04	3.31E-07	1.63E-03	4.11E-03	1.32E-03	1.06E-09	0.00E+00	0.00E+00	9.67E-05	0.00E+00	0.00E+00	4.11E-03
301	ALL	668148.8	4343255	NonCancer	7.77E-04	1.01E-03	2.53E-07	1.23E-04	1.39E-07	9.01E-04	1.89E-03	7.77E-04	2.99E-09	0.00E+00	0.00E+00	3.75E-05	0.00E+00	0.00E+00	1.89E-03
302	ALL	668370.1	4343255	NonCancer	8.48E-04	1.11E-03	2.84E-07	1.38E-04	1.55E-07	9.87E-04	2.10E-03	8.48E-04	3.62E-09	0.00E+00	0.00E+00	4.21E-05	0.00E+00	0.00E+00	2.10E-03
303	ALL	668591.4	4343255	NonCancer	9.38E-04	1.24E-03	3.24E-07	1.57E-04	1.76E-07	1.10E-03	2.40E-03	9.38E-04	4.86E-09	0.00E+00	0.00E+00	4.82E-05	0.00E+00	0.00E+00	2.40E-03
304	ALL	669476.7	4343255	NonCancer	1.69E-03	2.27E-03	6.27E-07	3.02E-04	3.34E-07	2.00E-03	4.42E-03	1.69E-03	5.12E-09	0.00E+00	0.00E+00	9.21E-05	0.00E+00	0.00E+00	4.42E-03
305	ALL	669698	4343255	NonCancer	2.07E-03	2.77E-03	7.65E-07	3.68E-04	4.07E-07	2.44E-03	5.38E-03	2.07E-03	5.51E-09	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	5.38E-03
306	ALL	669919.3	4343255	NonCancer	2.60E-03	3.48E-03	9.46E-07	4.56E-04	5.06E-07	3.06E-03	6.70E-03	2.60E-03	6.11E-09	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	6.70E-03
307	ALL	670140.6	4343255	NonCancer	3.17E-03	4.22E-03	1.14E-06	5.50E-04	6.13E-07	3.72E-03	8.10E-03	3.17E-03	6.71E-09	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	8.10E-03
308	ALL	670361.9	4343255	NonCancer	3.58E-03	4.79E-03	1.32E-06	6.36E-04	7.05E-07	4.22E-03	9.27E-03	3.58E-03	7.21E-09	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	9.27E-03
309	ALL	670583.2	4343255	NonCancer	4.01E-03	5.42E-03	1.54E-06	7.39E-04	8.15E-07	4.75E-03	1.06E-02	4.01E-03	7.69E-09	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	1.06E-02
310	ALL	670804.5	4343255	NonCancer	4.80E-03	6.54E-03	1.90E-06	9.09E-04	9.98E-07	5.71E-03	1.29E-02	4.80E-03	8.66E-09	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	1.29E-02
311	ALL	671025.8	4343255	NonCancer	4.55E-03	6.31E-03	1.92E-06	9.13E-04	9.93E-07	5.47E-03	1.27E-02	4.55E-03	5.63E-09	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	1.27E-02
312	ALL	671247.1	4343255	NonCancer	4.86E-03	6.88E-03	2.23E-06	1.05E-03	1.13E-06	5.92E-03	1.42E-02	4.86E-03	5.02E-09	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	1.42E-02
313	ALL	671468.4	4343255	NonCancer	4.43E-03	6.38E-03	2.15E-06	1.01E-03	1.07E-06	5.45E-03	1.34E-02	4.43E-03	4.13E-09	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	1.34E-02
314	ALL	671689.8	4343255	NonCancer	3.52E-03	5.13E-03	1.78E-06	8.34E-04	8.81E-07	4.36E-03	1.10E-02	3.52E-03	2.90E-09	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	1.10E-02
315	ALL	671911.1	4343255	NonCancer	2.59E-03	3.80E-03	1.34E-06	6.25E-04	6.59E-07	3.22E-03	8.17E-03	2.59E-03	1.98E-09	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	8.17E-03
316	ALL	672132.4	4343255	NonCancer	1.88E-03	2.75E-03	9.68E-07	4.52E-04	4.77E-07	2.33E-03	5.91E-03	1.87E-03	1.41E-09	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	5.91E-03
317	ALL	672353.7	4343255	NonCancer	1.39E-03	2.04E-03	7.15E-07	3.34E-04	3.53E-07	1.73E-03	4.38E-03	1.39E-03	1.03E-09	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	4.38E-03
318	ALL	672575	4343255	NonCancer	1.04E-03	1.53E-03	5.35E-07	2.50E-04	2.64E-07	1.30E-03	3.28E-03	1.04E-03	7.54E-10	0.00E+00	0.00E+00	7.73E-05	0.00E+00	0.00E+00	3.28E-03
319	ALL	668148.8	4343420	NonCancer	7.72E-04	1.01E-03	2.57E-07	1.25E-04	1.41E-07	8.98E-04	1.90E-03	7.72E-04	3.01E-09	0.00E+00	0.00E+00	3.81E-05	0.00E+00	0.00E+00	1.90E-03
320	ALL	668370.1	4343420	NonCancer	8.33E-04	1.10E-03	2.85E-07	1.38E-04	1.55E-07	9.72E-04	2.08E-03	8.33E-04	3.60E-09	0.00E+00	0.00E+00	4.22E-05	0.00E+00	0.00E+00	2.08E-03
321	ALL	668591.4	4343420	NonCancer	9.09E-04	1.20E-03	3.18E-07	1.54E-04	1.72E-07	1.06E-03	2.33E-03	9.09E-04	4.77E-09	0.00E+00	0.00E+00	4.72E-05	0.00E+00	0.00E+00	2.33E-03
322	ALL	668812.7	4343420	NonCancer	1.03E-03	1.37E-03	3.67E-07	1.77E-04	1.97E-07	1.21E-03	2.74E-03	1.03E-03	9.05E-09	0.00E+00	0.00E+00	5.54E-05	0.00E+00	0.00E+00	2.74E-03
323	ALL	669034	4343420	NonCancer	1.18E-03	1.57E-03	4.26E-07	2.05E-04	2.28E-07	1.39E-03	3.16E-03	1.18E-03	6.61E-08	0.00E+00	0.00E+00	7.76E-05	0.00E+00	0.00E+00	3.16E-03
324	ALL	669255.3	4343420	NonCancer	1.38E-03	1.84E-03	5.02E-07	2.42E-04	2.68E-07	1.62E-03	3.62E-03	1.38E-03	8.79E-09	0.00E+00	0.00E+00	7.49E-05	0.00E+00	0.00E+00	3.62E-03
325	ALL	669476.7	4343420	NonCancer	1.64E-03	2.19E-03	6.00E-07	2.89E-04	3.21E-07	1.93E-03	4.26E-03	1.64E-03	4.98E-09	0.00E+00	0.00E+00	8.83E-05	0.00E+00	0.00E+00	4.26E-03
326	ALL	669698	4343420	NonCancer	2.08E-03	2.77E-03	7.51E-07	3.62E-04	4.02E-07	2.44E-03	5.33E-03	2.08E-03	4.98E-09	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	5.33E-03
327	ALL	669919.3	4343420	NonCancer	2.45E-03	3.27E-03	8.93E-07	4.30E-04	4.78E-07	2.88E-03	6.31E-03	2.45E-03	5.32E-09	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	6.31E-03
328	ALL	670140.6	4343420	NonCancer	2.73E-03	3.67E-03	1.02E-06	4.89E-04	5.42E-07	3.23E-03	7.11E-03	2.73E-03	5.57E-09	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	7.11E-03
329	ALL	670361.9	4343420	NonCancer	3.07E-03	4.14E-03	1.16E-06	5.56E-04	6.15E-07	3.63E-03	8.05E-03	3.07E-03	5.97E-09	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	8.05E-03
330	ALL	670583.2	4343420	NonCancer	3.45E-03	4.69E-03	1.36E-06	6.48E-04	7.12E-07	4.11E-03	9.25E-03	3.45E-03	6.42E-09	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	9.25E-03
331	ALL	670804.5	4343420	NonCancer	4.07E-03	5.57E-03	1.64E-06	7.84E-04	8.58E-07	4.86E-03	1.11E-02	4.07E-03	7.21E-09	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	1.11E-02
332	ALL	671025.8	4343420	NonCancer	4.14E-03	5.76E-03	1.77E-06	8.41E-04	9.12E-07	4.99E-03	1.17E-02	4.14E-03	5.70E-09	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	1.17E-02
333	ALL	671247.1	4343420	NonCancer	4.24E-03	6.01E-03	1.94E-06	9.16E-04	9.83E-07	5.17E-03	1.24E-02	4.24E-03	4.49E-09	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	1.24E-02
334	ALL	671468.4	4343420	NonCancer	3.63E-03	5.22E-03	1.75E-06	8.24E-04	8.77E-07	4.46E-03	1.10E-02	3.63E-03	3.34E-09	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	1.10E-02
335	ALL	671689.8	4343420	NonCancer	3.01E-03	4.37E-03	1.51E-06	7.07E-04	7.48E-07	3.72E-03	9.32E-03	3.01E-03	2.51E-09	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	9.32E-03
336	ALL	671911.1	4343420	NonCancer	2.29E-03	3.35E-03	1.17E-06	5.49E-04	5.80E-07	2.85E-03	7.20E-03	2.29E-03	1.76E-09	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	7.20E-03
337	ALL	672132.4	4343420	NonCancer	1.67E-03	2.44E-03	8.56E-07	4.00E-04	4.22E-07	2.07E-03	5.24E-03	1.67E-03	1.26E-09	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	5.24E-03
338	ALL	672353.7	4343420	NonCancer	1.25E-03	1.83E-03	6.41E-07	2.99E-04	3.16E-07	1.55E-03	3.92E-03	1.25E-03	9.29E-10	0.00E+00	0.00E+00	9.25E-05	0.00E+00	0.00E+00	3.92E-03
339	ALL	672575	4343420	NonCancer	9.61E-04	1.40E-03	4.92E-07	2.30E-04	2.43E-07	1.19E-03	3.01E-03	9.61E-04	6.94E-10	0.00E+00	0.00E+00	7.10E-05	0.00E+00	0.00E+00	3.01E-03
340	ALL	668148.8	4343585	NonCancer	7.73E-04	1.01E-03	2.61E-07	1.27E-04	1.42E-07	9.01E-04	1.92E-03	7.73E-04	2.80E-09	0.00E+00	0.00E+00	3.86E-05	0.00E+00	0.00E+00	1.92E-03
341	ALL	668370.1	4343585	NonCancer	8.41E-04	1.11E-03	2.90E-07	1.41E-04	1.58E-07	9.83E-04	2.12E-03	8.41E-04	3.36E-09	0.00E+00	0.00E+00	4.30E-05	0.00E+00	0.00E+00	2.12E-03
342	ALL	668591.4	4343585	NonCancer	9.13E-04	1.21E-03	3.21E-07	1.55E-04	1.73E-07	1.07E-03	2.34E-03	9.13E-04	4.46E-09	0.00E+00	0.00E+00	4.77E-05	0.00E+00	0.00E+00	2.34E-03
343	ALL	668812.7	4343585	NonCancer	1.05E-03	1.39E-03	3.74E-07	1.81E-04	2.01E-07	1.23E-03	2.73E-03	1.05E-03	6.86E-09	0.00E+00	0.00E+00	5.59E-05	0.00E+00	0.00E+00	2.73E-03
344	ALL	669034	4343585	NonCancer	1.22E-03	1.62E-03	4.37E-07	2.11E-04	2.35E-07	1.43E-03	3.18E-03	1.22E-03	7.79E-09	0.00E+00	0.00E+00	6.53E-05	0.00E+00	0.00E+00	3.18E-03
345	ALL	669255.3	4343585	NonCancer	1.42E-03	1.89E-03	5.10E-07	2.46E-04	2.74E-07	1.67E-03	3.67E-03	1.42E-03	4.80E-09	0.00E+00	0.00E+00	7.53E-05	0.00E+00	0.00E+00	3.67E-03
346	ALL	669476.7	4343585	NonCancer	1.67E-03	2.22E-03	6.01E-07	2.90E-04	3.23E-07	1.96E-03	4.28E-03	1.67E-03	4.27E-09	0.00E+00	0.00E+00	8.85E-05	0.00E+00	0.00E+00	4.28E-03
347	ALL	669698	4343585	NonCancer	1.92E-03	2.56E-03	7.00E-07	3.37E-04	3.75E-07	2.25E-03	4.95E-03	1.91E-03	4.35E-09	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	4.95E-03
348	ALL	669919.3	4343585	NonCancer	2.20E-03	2.94E-03	8.12E-07	3.90E-04	4.33E-07	2.59E-03	5.70E-03	2.20E-03	4.54E-09	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	5.70E-03
349	ALL	670140.6	4343585	NonCancer	2.45E-03	3.29E-03	9.13E-07	4.39E-04	4.86E-07	2.89E-03	6.38E-03	2.45E-03	4.80E-09	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	6.38E-03
350	ALL	670361.9	4343585	NonCancer	2.70E-03	3.65E-03	1.03E-06	4.95E-04	5.47E-07	3.20E-03	7.13E-03	2.70E-03	5.10E-09	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	7.13E-03
351	ALL	670583.2	4343585	NonCancer	3.03E-03	4.13E-03	1.21E-06	5.76E-04	6.32E-07	3.61E-03	8.17E-03	3.03E-03	5.52E-09	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	8.17E-03
352	ALL	670804.5	4343585	NonCancer	3.43E-03	4.73E-03	1.43E-06	6.79E-04	7.40E-07	4.11E-03	9.50E-03	3.43E-03	6.03E-09	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	9.50E-03
353	ALL	671025.8	4343585	NonCancer	3.81E-03	5.33E-03	1.67E-06	7.90E-04	8.53E-07	4.61E-03	1.09E-02	3.81E-03	6.44E-09	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	1.09E-02
354	ALL	671247.1	4343585	NonCancer	3.59E-03	5.08E-03	1.65E-06	7.76E-04	8.33E-07	4.37E-03	1.05E-02	3.59E-03	3.77E-09	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	1.05E-02
355	ALL	671468.4	4343585	NonCancer	3.19E-03	4.56E-03	1.52E-06	7.16E-04	7.63E-07	3.91E-03	9.58E-03	3.18E-03	3.02E-09	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	9.58E-03
356	ALL	671689.8	4343585	NonCancer	2.74E-03	3.96E-03	1.35E-06	6.34E-04	6.73E-07	3.38E-03	8.40E-03	2.74E-03	2.36E-09	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	8.40E-03
357	ALL	671911.1	4343585	NonCancer	2.11E-03	3.08E-03	1.07E-06	5.01E-04	5.30E-07	2.62E-03	6.59E-03	2.11E-03	1.66E-09	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	6.59E-03
358	ALL	672132.4	4343585	NonCancer	1.56E-03	2.28E-03	7.97E-07	3.73E-04	3.94E-07	1.94E-03	4.89E-03	1.56E-03	1.21E-09	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	4.89E-03
359	ALL	672353.7	4343585	NonCancer	1.17E-03	1.70E-03	5.97E-07	2.79E-04	2.94E-07	1.45E-03	3.66E-03	1.17E-03	8.80E-10	0.00E+00	0.00E+00	8.62E-05	0.00E+00	0.00E+00	3.66E-03
360	ALL	672575	4343585	NonCancer	9.03E-04	1.32E-03	4.61E-07	2.15E-04	2.27E-07	1.12E-03	2.83E-03	9.03E-04	6.74E-10	0.00E+00	0.00E+00	6.66E-05	0.00E+00	0.00E+00	2.83E-03
361	ALL	668148.8	4343750	NonCancer	7.59E-04	9.98E-04	2.58E-07	1.25E-04	1.41E-07	8.85E-04	1.89E-03	7.59E-04	2.82E-09	0.00E+00	0.00E+00	3.82E-05	0.00E+00	0.00E+00	1.89E-03
362	ALL	668370.1	4343750	NonCancer	8.58E-04	1.13E-03	2.94E-07	1.42E-04	1.60E-07	1.00E-03	2.15E-03	8.57E-04	2.87E-09	0.00E+00	0.00E+00	4.34E-05	0.00E+00	0.00E+00	2.15E-03
363	ALL	668591.4	4343750	NonCancer	9.52E-04	1.26E-03	3.32E-07	1.61E-04	1.80E-07	1.11E-03	2.42E-03	9.51E-04	3.50E-09	0.00E+00	0.00E+00	4.91E-05	0.00E+00	0.00E+00	2.42E-03
364	ALL	668812.7	4343750	NonCancer	1.07E-03	1.42E-03	3.77E-07	1.82E-04	2.04E-07	1.25E-03	2.75E-03	1.07E-03	4.53E-09	0.00E+00	0.00E+00	5.59E-05	0.00E+00	0.00E+00	2.75E-03
365	ALL	669034	4343750	NonCancer	1.28E-03	1.69E-03	4.44E-07	2.15E-04	2.41E-07	1.50E-03	3.25E-03	1.28E-03	4.35E-09	0.00E+00	0.00E+00	6.56E-05	0.00E+00	0.00E+00	3.25E-03
366	ALL	669255.3	4343750	NonCancer	1.47E-03	1.94E-03	5.14E-07	2.49E-04	2.78E-07	1.72E-03	3.72E-03	1.47E-03	3.96E-09	0.00E+00	0.00E+00	7.58E-05	0.00E+00	0.00E+00	3.72E-03
367	ALL	669476.7	4343750	NonCancer	1.65E-03	2.19E-03	5.90E-07	2.85E-04	3.18E-07	1.93E-03	4.21E-03	1.65E-03	3.81E-09	0.00E+00	0.00E+00	8.68E-05	0.00E+00	0.00E+00	4.21E-03
368	ALL	669698	4343750	NonCancer	1.85E-03	2.47E-03	6.74E-07	3.25E-04	3.61E-07	2.17E-03	4.76E-03	1.85E-03	3.88E-09	0.00E+00	0.00E+00	9.90E-05	0.00E+00	0.00E+00	4.76E-03
369	ALL	669919.3	4343750	NonCancer	2.03E-03	2.72E-03	7.50E-07	3.61E-04	4.01E-07	2.40E-03	5.27E-03	2.03E-03	4.02E-09	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	5.27E-03
370	ALL	670140.6	4343750	NonCancer	2.21E-03	2.97E-03	8.29E-07	3.98E-04	4.41E-07	2.61E-03	5.78E-03	2.21E-03	4.22E-09	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	5.78E-03
371	ALL	670361.9	4343750	NonCancer	2.44E-03	3.30E-03	9.39E-07	4.50E-04	4.96E-07	2.89E-03	6.46E-03	2.44E-03	4.52E-09	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	6.46E-03
372	ALL	670583.2	4343750	NonCancer	2.67E-03	3.65E-03	1.08E-06	5.13E-04	5.62E-07	3.18E-03	7.25E-03	2.67E-03	4.78E-09	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	7.25E-03
373	ALL	670804.5	4343750	NonCancer	2.95E-03	4.09E-03	1.25E-06	5.94E-04	6.45E-07	3.54E-03	8.25E-03	2.95E-03	5.12E-09	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	8.25E-03
374	ALL	671025.8	4343750	NonCancer	3.22E-03	4.53E-03	1.44E-06	6.79E-04	7.31E-07	3.91E-03	9.28E-03	3.22E-03	5.42E-09	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	9.28E-03
375	ALL	671247.1	4343750	NonCancer	3.34E-03	4.75E-03	1.55E-06	7.31E-04	7.83E-07	4.08E-03	9.87E-03	3.34E-03	4.15E-09	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	9.87E-03
376	ALL	671468.4	4343750	NonCancer	3.05E-03	4.37E-03	1.45E-06	6.84E-04	7.29E-07	3.74E-03	9.15E-03	3.05E-03	3.52E-09	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	9.15E-03
377	ALL	671689.8	4343750	NonCancer	2.75E-03	3.97E-03	1.35E-06	6.32E-04	6.71E-07	3.38E-03	8.39E-03	2.75E-03	2.82E-09	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	8.39E-03
378	ALL	671911.1	4343750	NonCancer	2.16E-03	3.13E-03	1.07E-06	5.03E-04	5.33E-07	2.67E-03	6.65E-03	2.16E-03	1.89E-09	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	6.65E-03
379	ALL	672132.4	4343750	NonCancer	1.55E-03	2.26E-03	7.79E-07	3.65E-04	3.86E-07	1.92E-03	4.81E-03	1.55E-03	1.30E-09	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	4.81E-03
380	ALL	672353.7	4343750	NonCancer	1.13E-03	1.65E-03	5.73E-07	2.68E-04	2.83E-07	1.40E-03	3.52E-03	1.13E-03	8.77E-10	0.00E+00	0.00E+00	8.28E-05	0.00E+00	0.00E+00	3.52E-03
381	ALL	672575	4343750	NonCancer	8.80E-04	1.28E-03	4.46E-07	2.09E-04	2.21E-07	1.09E-03	2.74E-03	8.79E-04	6.82E-10	0.00E+00	0.00E+00	6.45E-05	0.00E+00	0.00E+00	2.74E-03
382	ALL	668148.8	4343915	NonCancer	7.50E-04	9.86E-04	2.56E-07	1.24E-04	1.39E-07	8.75E-04	1.87E-03	7.50E-04	2.80E-09	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	1.87E-03
383	ALL	668370.1	4343915	NonCancer	8.58E-04	1.13E-03	2.93E-07	1.42E-04	1.60E-07	1.00E-03	2.15E-03	8.58E-04	2.78E-09	0.00E+00	0.00E+00	4.34E-05	0.00E+00	0.00E+00	2.15E-03
384	ALL	668591.4	4343915	NonCancer	9.85E-04	1.30E-03	3.35E-07	1.63E-04	1.83E-07	1.15E-03	2.46E-03	9.85E-04	3.07E-09	0.00E+00	0.00E+00	4.95E-05	0.00E+00	0.00E+00	2.46E-03
385	ALL	668812.7	4343915	NonCancer	1.11E-03	1.46E-03	3.81E-07	1.85E-04	2.07E-07	1.29E-03	2.79E-03	1.11E-03	3.44E-09	0.00E+00	0.00E+00	5.63E-05	0.00E+00	0.00E+00	2.79E-03
386	ALL	669034	4343915	NonCancer	1.29E-03	1.70E-03	4.40E-07	2.14E-04	2.40E-07	1.51E-03	3.24E-03	1.29E-03	3.54E-09	0.00E+00	0.00E+00	6.50E-05	0.00E+00	0.00E+00	3.24E-03
387	ALL	669255.3	4343915	NonCancer	1.48E-03	1.95E-03	5.08E-07	2.46E-04	2.77E-07	1.73E-03	3.71E-03	1.48E-03	3.48E-09	0.00E+00	0.00E+00	7.49E-05	0.00E+00	0.00E+00	3.71E-03
388	ALL	669476.7	4343915	NonCancer	1.63E-03	2.16E-03	5.77E-07	2.79E-04	3.12E-07	1.91E-03	4.14E-03	1.63E-03	3.44E-09	0.00E+00	0.00E+00	8.49E-05	0.00E+00	0.00E+00	4.14E-03
389	ALL	669698	4343915	NonCancer	1.75E-03	2.33E-03	6.36E-07	3.06E-04	3.41E-07	2.06E-03	4.50E-03	1.75E-03	3.49E-09	0.00E+00	0.00E+00	9.34E-05	0.00E+00	0.00E+00	4.50E-03
390	ALL	669919.3	4343915	NonCancer	1.87E-03	2.50E-03	6.90E-07	3.32E-04	3.68E-07	2.20E-03	4.84E-03	1.87E-03	3.59E-09	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	4.84E-03
391	ALL	670140.6	4343915	NonCancer	2.02E-03	2.71E-03	7.58E-07	3.64E-04	4.03E-07	2.38E-03	5.28E-03	2.02E-03	3.76E-09	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	5.28E-03
392	ALL	670361.9	4343915	NonCancer	2.18E-03	2.96E-03	8.51E-07	4.07E-04	4.48E-07	2.59E-03	5.82E-03	2.18E-03	3.96E-09	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	5.82E-03
393	ALL	670583.2	4343915	NonCancer	2.39E-03	3.27E-03	9.71E-07	4.63E-04	5.06E-07	2.85E-03	6.52E-03	2.39E-03	4.23E-09	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	6.52E-03
394	ALL	670804.5	4343915	NonCancer	2.61E-03	3.62E-03	1.11E-06	5.28E-04	5.73E-07	3.14E-03	7.32E-03	2.61E-03	4.49E-09	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	7.32E-03
395	ALL	671025.8	4343915	NonCancer	2.82E-03	3.97E-03	1.26E-06	5.94E-04	6.40E-07	3.42E-03	8.13E-03	2.82E-03	4.72E-09	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	8.13E-03

396	ALL	671247.1	4343915	NonCancer	2.84E-03	4.04E-03	1.32E-06	6.24E-04	6.67E-07	3.47E-03	8.41E-03	2.84E-03	4.72E-09	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	8.41E-03
397	ALL	671468.4	4343915	NonCancer	2.62E-03	3.74E-03	1.24E-06	5.84E-04	6.23E-07	3.21E-03	7.83E-03	2.62E-03	3.01E-09	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	7.83E-03
398	ALL	671689.8	4343915	NonCancer	2.33E-03	3.35E-03	1.13E-06	5.32E-04	5.65E-07	2.86E-03	7.08E-03	2.33E-03	2.23E-09	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	7.08E-03
399	ALL	671911.1	4343915	NonCancer	1.92E-03	2.77E-03	9.46E-07	4.44E-04	4.71E-07	2.37E-03	5.88E-03	1.92E-03	1.66E-09	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	5.88E-03
400	ALL	672132.4	4343915	NonCancer	1.52E-03	2.20E-03	7.53E-07	3.53E-04	3.74E-07	1.88E-03	4.67E-03	1.52E-03	1.35E-09	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	4.67E-03
401	ALL	672353.7	4343915	NonCancer	1.18E-03	1.72E-03	5.91E-07	2.77E-04	2.93E-07	1.46E-03	3.65E-03	1.18E-03	1.02E-09	0.00E+00	0.00E+00	8.55E-05	0.00E+00	0.00E+00	3.65E-03
402	ALL	672575	4343915	NonCancer	9.15E-04	1.33E-03	4.60E-07	2.16E-04	2.28E-07	1.13E-03	2.84E-03	9.15E-04	7.44E-10	0.00E+00	0.00E+00	6.66E-05	0.00E+00	0.00E+00	2.84E-03
403	ALL	668148.8	4344080	NonCancer	7.62E-04	1.00E-03	2.58E-07	1.25E-04	1.41E-07	8.88E-04	1.89E-03	7.61E-04	2.50E-09	0.00E+00	0.00E+00	3.82E-05	0.00E+00	0.00E+00	1.89E-03
404	ALL	668370.1	4344080	NonCancer	8.57E-04	1.13E-03	2.92E-07	1.42E-04	1.59E-07	9.99E-04	2.14E-03	8.57E-04	2.68E-09	0.00E+00	0.00E+00	4.32E-05	0.00E+00	0.00E+00	2.14E-03
405	ALL	668591.4	4344080	NonCancer	9.83E-04	1.29E-03	3.33E-07	1.62E-04	1.82E-07	1.15E-03	2.45E-03	9.83E-04	2.82E-09	0.00E+00	0.00E+00	4.92E-05	0.00E+00	0.00E+00	2.45E-03
406	ALL	668812.7	4344080	NonCancer	1.13E-03	1.48E-03	3.80E-07	1.84E-04	2.08E-07	1.31E-03	2.80E-03	1.13E-03	2.95E-09	0.00E+00	0.00E+00	5.61E-05	0.00E+00	0.00E+00	2.80E-03
407	ALL	669034	4344080	NonCancer	1.29E-03	1.69E-03	4.35E-07	2.11E-04	2.38E-07	1.51E-03	3.20E-03	1.29E-03	3.07E-09	0.00E+00	0.00E+00	6.42E-05	0.00E+00	0.00E+00	3.20E-03
408	ALL	669255.3	4344080	NonCancer	1.46E-03	1.92E-03	4.96E-07	2.41E-04	2.71E-07	1.70E-03	3.63E-03	1.46E-03	3.10E-09	0.00E+00	0.00E+00	7.31E-05	0.00E+00	0.00E+00	3.63E-03
409	ALL	669476.7	4344080	NonCancer	1.54E-03	2.04E-03	5.48E-07	2.65E-04	2.96E-07	1.80E-03	3.92E-03	1.54E-03	3.11E-09	0.00E+00	0.00E+00	8.06E-05	0.00E+00	0.00E+00	3.92E-03
410	ALL	669698	4344080	NonCancer	1.63E-03	2.18E-03	5.93E-07	2.86E-04	3.18E-07	1.92E-03	4.19E-03	1.63E-03	3.14E-09	0.00E+00	0.00E+00	8.71E-05	0.00E+00	0.00E+00	4.19E-03
411	ALL	669919.3	4344080	NonCancer	1.73E-03	2.31E-03	6.36E-07	3.06E-04	3.40E-07	2.04E-03	4.47E-03	1.73E-03	3.24E-09	0.00E+00	0.00E+00	9.35E-05	0.00E+00	0.00E+00	4.47E-03
412	ALL	670140.6	4344080	NonCancer	1.89E-03	2.54E-03	7.03E-07	3.38E-04	3.75E-07	2.23E-03	4.91E-03	1.89E-03	3.42E-09	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	4.91E-03
413	ALL	670361.9	4344080	NonCancer	1.97E-03	2.68E-03	7.76E-07	3.71E-04	4.08E-07	2.34E-03	5.28E-03	1.97E-03	3.53E-09	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	5.28E-03
414	ALL	670583.2	4344080	NonCancer	2.14E-03	2.94E-03	8.77E-07	4.18E-04	4.56E-07	2.56E-03	5.87E-03	2.14E-03	3.75E-09	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	5.87E-03
415	ALL	670804.5	4344080	NonCancer	2.34E-03	3.25E-03	9.96E-07	4.73E-04	5.13E-07	2.82E-03	6.56E-03	2.34E-03	3.99E-09	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	6.56E-03
416	ALL	671025.8	4344080	NonCancer	2.42E-03	3.41E-03	1.08E-06	5.11E-04	5.51E-07	2.94E-03	6.99E-03	2.42E-03	3.30E-09	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	6.99E-03
417	ALL	671247.1	4344080	NonCancer	2.50E-03	3.54E-03	1.16E-06	5.45E-04	5.83E-07	3.05E-03	7.35E-03	2.50E-03	4.13E-09	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	7.35E-03
418	ALL	671468.4	4344080	NonCancer	2.37E-03	3.38E-03	1.12E-06	5.27E-04	5.62E-07	2.90E-03	7.06E-03	2.37E-03	4.03E-09	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	7.06E-03
419	ALL	671689.8	4344080	NonCancer	1.98E-03	2.85E-03	9.58E-07	4.50E-04	4.79E-07	2.43E-03	6.00E-03	1.98E-03	1.82E-09	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	6.00E-03
420	ALL	671911.1	4344080	NonCancer	1.61E-03	2.32E-03	7.94E-07	3.72E-04	3.95E-07	1.98E-03	4.93E-03	1.61E-03	1.34E-09	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	4.93E-03
421	ALL	672132.4	4344080	NonCancer	1.28E-03	1.86E-03	6.41E-07	3.00E-04	3.18E-07	1.58E-03	3.96E-03	1.28E-03	1.03E-09	0.00E+00	0.00E+00	9.27E-05	0.00E+00	0.00E+00	3.96E-03
422	ALL	672353.7	4344080	NonCancer	1.02E-03	1.48E-03	5.10E-07	2.39E-04	2.53E-07	1.26E-03	3.15E-03	1.02E-03	8.42E-10	0.00E+00	0.00E+00	7.37E-05	0.00E+00	0.00E+00	3.15E-03
423	ALL	672575	4344080	NonCancer	8.17E-04	1.19E-03	4.11E-07	1.93E-04	2.04E-07	1.01E-03	2.54E-03	8.17E-04	6.51E-10	0.00E+00	0.00E+00	5.95E-05	0.00E+00	0.00E+00	2.54E-03
424	ALL	671464.7	4342094	NonCancer	4.45E-02	6.66E-02	2.46E-05	1.15E-02	1.19E-05	5.60E-02	1.46E-01	4.45E-02	3.78E-08	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	1.46E-01
425	ALL	671482.2	4342064	NonCancer	4.74E-02	7.13E-02	2.65E-05	1.23E-02	1.28E-05	5.99E-02	1.57E-01	4.74E-02	3.81E-08	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	1.57E-01
426	ALL	671498.6	4342030	NonCancer	5.05E-02	7.61E-02	2.85E-05	1.32E-02	1.38E-05	6.38E-02	1.68E-01	5.05E-02	3.91E-08	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	1.68E-01
427	ALL	671513.8	4341992	NonCancer	5.49E-02	8.31E-02	3.14E-05	1.46E-02	1.51E-05	6.96E-02	1.84E-01	5.49E-02	4.18E-08	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	1.84E-01
428	ALL	671541.8	4341965	NonCancer	5.25E-02	7.95E-02	3.02E-05	1.40E-02	1.45E-05	6.66E-02	1.77E-01	5.24E-02	3.69E-08	0.00E+00	0.00E+00	4.34E-03	0.00E+00	0.00E+00	1.77E-01
429	ALL	671575.6	4341974	NonCancer	4.09E-02	6.19E-02	2.34E-05	1.09E-02	1.13E-05	5.19E-02	1.37E-01	4.09E-02	2.83E-08	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	1.37E-01
430	ALL	671460.8	4342163	NonCancer	3.53E-02	5.27E-02	1.93E-05	8.97E-03	9.38E-06	4.44E-02	1.15E-01	3.53E-02	3.26E-08	0.00E+00	0.00E+00	2.78E-03	0.00E+00	0.00E+00	1.15E-01
431	ALL	671451	4342187	NonCancer	3.37E-02	5.01E-02	1.83E-05	8.51E-03	8.90E-06	4.23E-02	1.09E-01	3.37E-02	3.36E-08	0.00E+00	0.00E+00	2.63E-03	0.00E+00	0.00E+00	1.09E-01
432	ALL	671510.7	4342220	NonCancer	2.68E-02	4.00E-02	1.46E-05	6.80E-03	7.11E-06	3.37E-02	8.74E-02	2.68E-02	2.29E-08	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	8.74E-02
433	ALL	671524.1	4342193	NonCancer	2.73E-02	4.07E-02	1.49E-05	6.94E-03	7.26E-06	3.43E-02	8.91E-02	2.73E-02	2.16E-08	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	8.91E-02
434	ALL	671522.9	4342251	NonCancer	2.43E-02	3.62E-02	1.32E-05	6.16E-03	6.44E-06	3.05E-02	7.91E-02	2.43E-02	2.12E-08	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	7.91E-02
435	ALL	671599.1	4342253	NonCancer	1.95E-02	2.90E-02	1.06E-05	4.93E-03	5.16E-06	2.44E-02	6.34E-02	1.95E-02	1.52E-08	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	6.34E-02
436	ALL	671627.8	4342257	NonCancer	1.78E-02	2.64E-02	9.65E-06	4.49E-03	4.70E-06	2.23E-02	5.78E-02	1.78E-02	1.38E-08	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	5.78E-02
437	ALL	671583.9	4342116	NonCancer	2.52E-02	3.77E-02	1.39E-05	6.47E-03	6.75E-06	3.17E-02	8.28E-02	2.52E-02	1.73E-08	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	8.28E-02
438	ALL	671595.5	4342072	NonCancer	2.65E-02	3.97E-02	1.47E-05	6.84E-03	7.13E-06	3.34E-02	8.73E-02	2.65E-02	1.82E-08	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	8.73E-02
439	ALL	671663.1	4342056	NonCancer	2.20E-02	3.30E-02	1.22E-05	5.69E-03	5.94E-06	2.78E-02	7.27E-02	2.20E-02	1.60E-08	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	7.27E-02
440	ALL	671600.9	4342030	NonCancer	2.96E-02	4.46E-02	1.66E-05	7.72E-03	8.04E-06	3.74E-02	9.84E-02	2.96E-02	2.08E-08	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	9.84E-02
441	ALL	671526.6	4342156	NonCancer	2.90E-02	4.34E-02	1.59E-05	7.42E-03	7.75E-06	3.65E-02	9.50E-02	2.90E-02	2.17E-08	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	9.50E-02
442	ALL	671629	4342292	NonCancer	1.67E-02	2.48E-02	9.04E-06	4.21E-03	4.40E-06	2.09E-02	5.42E-02	1.67E-02	1.34E-08	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	5.42E-02
443	ALL	671641.8	4341981	NonCancer	2.92E-02	4.41E-02	1.66E-05	7.69E-03	8.00E-06	3.70E-02	9.76E-02	2.92E-02	2.04E-08	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	9.76E-02
444	ALL	671666.8	4342019	NonCancer	2.39E-02	3.59E-02	1.34E-05	6.22E-03	6.48E-06	3.02E-02	7.93E-02	2.39E-02	1.75E-08	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	7.93E-02
445	ALL	671407.1	4342220	NonCancer	3.41E-02	5.04E-02	1.81E-05	8.45E-03	8.86E-06	4.26E-02	1.09E-01	3.41E-02	4.36E-08	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	1.09E-01
446	ALL	671415.6	4342183	NonCancer	3.76E-02	5.58E-02	2.02E-05	9.41E-03	9.86E-06	4.71E-02	1.21E-01	3.76E-02	4.54E-08	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	1.21E-01
447	ALL	671635.1	4341706	NonCancer	7.83E-02	1.20E-01	4.66E-05	2.16E-02	2.23E-05	1.00E-01	2.70E-01	7.83E-02	2.00E-08	0.00E+00	0.00E+00	6.69E-03	0.00E+00	0.00E+00	2.70E-01
448	ALL	671693.6	4341710	NonCancer	5.31E-02	8.12E-02	3.14E-05	1.45E-02	1.51E-05	6.77E-02	1.83E-01	5.31E-02	1.81E-08	0.00E+00	0.00E+00	4.51E-03	0.00E+00	0.00E+00	1.83E-01
449	ALL	671719.8	4341736	NonCancer	4.43E-02	6.77E-02	2.61E-05	1.21E-02	1.25E-05	5.65E-02	1.52E-01	4.43E-02	1.81E-08	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	1.52E-01
450	ALL	671673.5	4341630	NonCancer	6.39E-02	9.80E-02	3.80E-05	1.76E-02	1.82E-05	8.16E-02	2.20E-01	6.39E-02	2.44E-08	0.00E+00	0.00E+00	5.46E-03	0.00E+00	0.00E+00	2.20E-01
451	ALL	671888	4341936	NonCancer	1.44E-02	2.16E-02	8.10E-06	3.76E-03	3.92E-06	1.82E-02	4.79E-02	1.44E-02	1.03E-08	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	4.79E-02
452	ALL	671977.6	4341952	NonCancer	1.04E-02	1.56E-02	5.81E-06	2.70E-03	2.81E-06	1.31E-02	3.45E-02	1.04E-02	7.17E-09	0.00E+00	0.00E+00	8.36E-04	0.00E+00	0.00E+00	3.45E-02
453	ALL	672039.2	4341895	NonCancer	8.93E-03	1.34E-02	5.01E-06	2.33E-03	2.42E-06	1.13E-02	2.97E-02	8.93E-03	5.45E-09	0.00E+00	0.00E+00	7.21E-04	0.00E+00	0.00E+00	2.97E-02
454	ALL	671858.2	4341754	NonCancer	2.34E-02	3.55E-02	1.36E-05	6.30E-03	6.53E-06	2.97E-02	7.94E-02	2.33E-02	1.34E-08	0.00E+00	0.00E+00	1.95E-03	0.00E+00	0.00E+00	7.94E-02
455	ALL	671922.8	4341634	NonCancer	1.66E-02	2.53E-02	9.70E-06	4.49E-03	4.66E-06	2.12E-02	5.68E-02	1.66E-02	7.59E-09	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	5.68E-02
456	ALL	671613.7	4341791	NonCancer	6.89E-02	1.05E-01	4.08E-05	1.89E-02	1.95E-05	8.79E-02	2.37E-01	6.89E-02	2.23E-08	0.00E+00	0.00E+00	5.86E-03	0.00E+00	0.00E+00	2.37E-01
457	ALL	671853.3	4341731	NonCancer	2.43E-02	3.69E-02	1.42E-05	6.56E-03	6.80E-06	3.09E-02	8.26E-02	2.42E-02	1.32E-08	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	8.26E-02
458	ALL	671783.8	4341586	NonCancer	3.04E-02	4.64E-02	1.79E-05	8.28E-03	8.57E-06	3.87E-02	1.04E-01	3.04E-02	1.69E-08	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	1.04E-01
459	ALL	671783.2	4341547	NonCancer	2.67E-02	4.08E-02	1.57E-05	7.28E-03	7.54E-06	3.41E-02	9.15E-02	2.67E-02	1.57E-08	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	9.15E-02
460	ALL	671769.2	4341461	NonCancer	1.87E-02	2.85E-02	1.09E-05	5.06E-03	5.24E-06	2.38E-02	6.37E-02	1.87E-02	1.39E-08	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	6.37E-02
461	ALL	671800.9	4341421	NonCancer	1.36E-02	2.06E-02	7.86E-06	3.64E-03	3.78E-06	1.72E-02	4.59E-02	1.35E-02	9.86E-09	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	4.59E-02
462	ALL	671880.1	4341427	NonCancer	1.02E-02	1.54E-02	5.88E-06	2.72E-03	2.83E-06	1.29E-02	3.45E-02	1.02E-02	5.54E-09	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	3.45E-02
463	ALL	672012.4	4341505	NonCancer	8.04E-03	1.22E-02	4.64E-06	2.15E-03	2.23E-06	1.02E-02	2.73E-02	8.04E-03	2.94E-09	0.00E+00	0.00E+00	6.67E-04	0.00E+00	0.00E+00	2.73E-02
464	ALL	672084.3	4341548	NonCancer	7.83E-03	1.19E-02	4.50E-06	2.09E-03	2.17E-06	9.93E-03	2.65E-02	7.83E-03	3.21E-09	0.00E+00	0.00E+00	6.47E-04	0.00E+00	0.00E+00	2.65E-02
465	ALL	671915.5	4341478	NonCancer	1.11E-02	1.68E-02	6.43E-06	2.98E-03	3.09E-06	1.41E-02	3.77E-02	1.11E-02	4.80E-09	0.00E+00	0.00E+00	9.24E-04	0.00E+00	0.00E+00	3.77E-02
466	ALL	671903.3	4341564	NonCancer	1.58E-02	2.41E-02	9.23E-06	4.28E-03	4.43E-06	2.01E-02	5.40E-02	1.58E-02	6.83E-09	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	5.40E-02
467	ALL	671863.1	4341522	NonCancer	1.66E-02	2.53E-02	9.70E-06	4.49E-03	4.66E-06	2.11E-02	5.67E-02	1.66E-02	7.64E-09	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	5.67E-02
468	ALL	671830.1	4341336	NonCancer	8.46E-03	1.28E-02	4.84E-06	2.24E-03	2.33E-06	1.07E-02	2.84E-02	8.46E-03	7.48E-09	0.00E+00	0.00E+00	6.96E-04	0.00E+00	0.00E+00	2.84E-02
469	ALL	671835.6	4341288	NonCancer	7.10E-03	1.07E-02	4.04E-06	1.87E-03	1.95E-06	8.99E-03	2.38E-02	7.10E-03	6.80E-09	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	2.38E-02
470	ALL	671825.9	4341275	NonCancer	7.10E-03	1.07E-02	4.04E-06	1.87E-03	1.95E-06	8.98E-03	2.38E-02	7.10E-03	6.84E-09	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	2.38E-02
471	ALL	672136.7	4341371	NonCancer	3.84E-03	5.80E-03	2.18E-06	1.01E-03	1.05E-06	4.86E-03	1.29E-02	3.84E-03	1.57E-09	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	1.29E-02
472	ALL	671920.3	4341307	NonCancer	5.25E-03	7.91E-03	2.96E-06	1.37E-03	1.43E-06	6.64E-03	1.75E-02	5.25E-03	3.80E-09	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	1.75E-02
473	ALL	671695.4	4341257	NonCancer	7.26E-03	1.10E-02	4.12E-06	1.91E-03	1.99E-06	9.18E-03	2.43E-02	7.25E-03	6.03E-09	0.00E+00	0.00E+00	5.94E-04	0.00E+00	0.00E+00	2.43E-02
474	ALL	671682	4341176	NonCancer	5.02E-03	7.54E-03	2.80E-06	1.30E-03	1.36E-06	6.33E-03	1.66E-02	5.02E-03	4.13E-09	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	1.66E-02
475	ALL	671991.7	4341196	NonCancer	3.42E-03	5.11E-03	1.89E-06	8.77E-04	9.15E-07	4.30E-03	1.12E-02	3.42E-03	3.13E-09	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	1.12E-02
476	ALL	672022.1	4341232	NonCancer	3.48E-03	5.22E-03	1.93E-06	8.97E-04	9.36E-07	4.38E-03	1.15E-02	3.48E-03	2.62E-09	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	1.15E-02
477	ALL	671992.3	4341178	NonCancer	3.10E-03	4.63E-03	1.70E-06	7.91E-04	8.26E-07	3.90E-03	1.01E-02	3.10E-03	2.69E-09	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	1.01E-02
478	ALL	671540.6	4341238	NonCancer	5.12E-03	7.69E-03	2.85E-06	1.32E-03	1.38E-06	6.46E-03	1.69E-02	5.12E-03	3.95E-09	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	1.69E-02
479	ALL	671575.3	4341178	NonCancer	3.86E-03	5.76E-03	2.12E-06	9.85E-04	1.03E-06	4.85E-03	1.26E-02	3.86E-03	3.01E-09	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	1.26E-02
480	ALL	671454.7	4341196	NonCancer	4.16E-03	6.18E-03	2.25E-06	1.05E-03	1.10E-06	5.21E-03	1.35E-02	4.16E-03	4.33E-09	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	1.35E-02
481	ALL	671523.5	4341116	NonCancer	3.09E-03	4.59E-03	1.66E-06	7.74E-04	8.11E-07	3.87E-03	9.99E-03	3.09E-03	2.99E-09	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	9.99E-03
482	ALL	671413.2	4341127	NonCancer	3.20E-03	4.71E-03	1.67E-06	7.80E-04	8.21E-07	3.99E-03	1.02E-02	3.20E-03	3.72E-09	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	1.02E-02
483	ALL	671471.1	4341065	NonCancer	2.59E-03	3.81E-03	1.36E-06	6.33E-04	6.65E-07	3.23E-03	8.23E-03	2.59E-03	2.97E-09	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	8.23E-03
484	ALL	671601.6	4341051	NonCancer	3.20E-03	4.76E-03	1.74E-06	8.10E-04	8.47E-07	4.02E-03	1.04E-02	3.20E-03	3.12E-09	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	1.04E-02
485	ALL	671198.6	4341254	NonCancer	4.60E-03	6.77E-03	2.41E-06	1.13E-03	1.18E-06	5.73E-03	1.46E-02	4.60E-03	4.98E-09	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	1.46E-02
486	ALL	671278.5	4341212	NonCancer	3.88E-03	5.69E-03	2.00E-06	9.35E-04	9.86E-07	4.83E-03	1.22E-02	3.88E-03	4.95E-09	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	1.22E-02
487	ALL	671230.3	4341133	NonCancer	2.77E-03	4.02E-03	1.38E-06	6.47E-04	6.85E-07	3.42E-03	8.52E-03	2.77E-03	3.86E-09	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	8.52E-03
488	ALL	671073.1	4341272	NonCancer	5.88E-03	8.71E-03	3.15E-06	1.47E-03	1.54E-06	7.35E-03	1.89E-02	5.87E-03	5.13E-09	0.00E+00	0.00E+00	4.54E-04	0.00E+00	0.00E+00	1.89E-02
489	ALL	671122.5	4341374	NonCancer	9.72E-03	1.46E-02	5.37E-06	2.50E-03	2.61E-06	1.22E-02	3.20E-02	9.72E-03	7.63E-09	0.00E+00	0.00E+00	7.74E-04	0.00E+00	0.00E+00	3.20E-02
490	ALL	671118.8	4341397	NonCancer	1.09E-02	1.64E-02	6.07E-06	2.82E-03	2.95E-06	1.38E-02	3.61E-02	1.09E-02	8.59E-09	0.00E+00	0.00E+00	8.75E-04	0.00E+00	0.00E+00	3.61E-02
491	ALL	670978.4	4341324	NonCancer	7.47E-03	1.11E-02	4.00E-06	1.86E-03	1.95E-06	9.35E-03	2.41E-02	7.47E-03	7.99E-09	0.00E+00	0.00E+00	5.77E-04	0.00E+00	0.00E+00	2.41E-02
492	ALL	670932.9	4341394	NonCancer	8.37E-03	1.23E-02	4.37E-06	2.04E-03	2.15E-06	1.04E-02	2.65E-02	8.36E-03	1.41E-08	0.00E+00	0.00E+00	6.33E-04	0.00E+00	0.00E+00	2.65E-02
493	ALL	670935.2	4341367	NonCancer	8.12E-03	1.20E-02	4.27E-06	1.99E-03	2.09E-06	1.01E-02	2.59E-02	8.11E-03	1.21E-08	0.00E+00	0.00E+00	6.18E-04	0.00E+00	0.00E+00	2.59E-02
494	ALL	671108	4340976	NonCancer	2.12E-03	3.03E-03	1.00E-06	4.72E-04	5.04E-07	2.59E-03	6.31E-03	2.12E-03	3.57E-09	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	6.31E-03

495	ALL	671286.7	4340979	NonCancer	1.97E-03	2.83E-03	9.57E-07	4.49E-04	4.78E-07	2.42E-03	5.96E-03	1.97E-03	2.86E-09	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	5.96E-03
496	ALL	671675.4	4342489	NonCancer	9.95E-03	1.47E-02	5.31E-06	2.47E-03	2.60E-06	1.24E-02	3.20E-02	9.95E-03	7.76E-09	0.00E+00	0.00E+00	7.66E-04	0.00E+00	0.00E+00	3.20E-02
497	ALL	671091.4	4342277	NonCancer	3.12E-02	4.13E-02	1.09E-05	5.29E-03	5.91E-06	3.65E-02	7.89E-02	3.12E-02	8.29E-08	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	7.89E-02
498	ALL	671051.8	4342332	NonCancer	2.44E-02	3.21E-02	8.35E-06	4.05E-03	4.55E-06	2.85E-02	6.08E-02	2.44E-02	6.04E-08	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	6.08E-02
499	ALL	671051.8	4342369	NonCancer	2.29E-02	3.03E-02	8.01E-06	3.87E-03	4.34E-06	2.68E-02	5.77E-02	2.29E-02	5.53E-08	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	5.77E-02
500	ALL	670953	4342361	NonCancer	1.75E-02	2.33E-02	6.25E-06	3.02E-03	3.36E-06	2.06E-02	4.47E-02	1.75E-02	5.52E-08	0.00E+00	0.00E+00	9.22E-04	0.00E+00	0.00E+00	4.47E-02
501	ALL	670695.7	4342236	NonCancer	9.46E-03	1.31E-02	3.96E-06	1.88E-03	2.03E-06	1.14E-02	2.65E-02	9.46E-03	4.06E-08	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	2.65E-02
502	ALL	670545.5	4342319	NonCancer	6.52E-03	9.01E-03	2.74E-06	1.30E-03	1.40E-06	7.83E-03	1.83E-02	6.51E-03	2.71E-08	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	1.83E-02
503	ALL	670711.7	4342488	NonCancer	8.85E-03	1.19E-02	3.35E-06	1.61E-03	1.77E-06	1.05E-02	2.33E-02	8.85E-03	3.35E-08	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	2.33E-02
504	ALL	670648.3	4342502	NonCancer	7.45E-03	1.00E-02	2.78E-06	1.34E-03	1.48E-06	8.79E-03	1.94E-02	7.44E-03	2.77E-08	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	1.94E-02
505	ALL	670648.3	4342631	NonCancer	6.62E-03	8.62E-03	2.15E-06	1.05E-03	1.19E-06	7.68E-03	1.60E-02	6.62E-03	1.62E-08	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	1.60E-02
506	ALL	670806.3	4342728	NonCancer	8.07E-03	1.07E-02	2.84E-06	1.37E-03	1.54E-06	9.45E-03	2.04E-02	8.07E-03	1.86E-08	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	2.04E-02
507	ALL	670688.2	4342739	NonCancer	6.30E-03	8.19E-03	2.03E-06	9.92E-04	1.13E-06	7.30E-03	1.52E-02	6.30E-03	1.42E-08	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	1.52E-02
508	ALL	670804.9	4342428	NonCancer	1.22E-02	1.65E-02	4.71E-06	2.26E-03	2.47E-06	1.45E-02	3.25E-02	1.22E-02	4.96E-08	0.00E+00	0.00E+00	6.93E-04	0.00E+00	0.00E+00	3.25E-02
509	ALL	670439.5	4342472	NonCancer	5.43E-03	7.42E-03	2.19E-06	1.04E-03	1.13E-06	6.48E-03	1.48E-02	5.43E-03	1.96E-08	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	1.48E-02
510	ALL	670358.4	4342579	NonCancer	4.82E-03	6.53E-03	1.88E-06	8.98E-04	9.81E-07	5.72E-03	1.29E-02	4.82E-03	1.58E-08	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	1.29E-02
511	ALL	670546.6	4342662	NonCancer	6.08E-03	8.10E-03	2.20E-06	1.06E-03	1.18E-06	7.14E-03	1.56E-02	6.08E-03	2.04E-08	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	1.56E-02
512	ALL	670537	4342595	NonCancer	5.93E-03	7.94E-03	2.18E-06	1.05E-03	1.16E-06	6.99E-03	1.53E-02	5.93E-03	2.18E-08	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	1.53E-02
513	ALL	670483.5	4342777	NonCancer	5.34E-03	7.10E-03	1.90E-06	9.19E-04	1.03E-06	6.27E-03	1.36E-02	5.34E-03	1.68E-08	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	1.36E-02
514	ALL	670508.2	4342755	NonCancer	5.54E-03	7.35E-03	1.97E-06	9.49E-04	1.06E-06	6.50E-03	1.40E-02	5.54E-03	1.72E-08	0.00E+00	0.00E+00	2.90E-04	0.00E+00	0.00E+00	1.40E-02
515	ALL	670517.8	4342869	NonCancer	5.30E-03	7.03E-03	1.88E-06	9.08E-04	1.01E-06	6.22E-03	1.34E-02	5.30E-03	1.54E-08	0.00E+00	0.00E+00	2.77E-04	0.00E+00	0.00E+00	1.34E-02
516	ALL	670545.3	4342851	NonCancer	5.36E-03	7.08E-03	1.86E-06	9.01E-04	1.01E-06	6.27E-03	1.34E-02	5.36E-03	1.47E-08	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	1.34E-02
517	ALL	670582.4	4342878	NonCancer	5.48E-03	7.25E-03	1.92E-06	9.28E-04	1.04E-06	6.42E-03	1.38E-02	5.48E-03	1.49E-08	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	1.38E-02
518	ALL	670304.9	4342689	NonCancer	4.36E-03	5.90E-03	1.68E-06	8.04E-04	8.81E-07	5.17E-03	1.16E-02	4.36E-03	2.03E-08	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	1.16E-02
519	ALL	670039.7	4342661	NonCancer	2.91E-03	3.98E-03	1.17E-06	5.58E-04	6.06E-07	3.47E-03	7.93E-03	2.91E-03	1.06E-08	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	7.93E-03
520	ALL	670156.5	4342673	NonCancer	3.55E-03	4.81E-03	1.38E-06	6.59E-04	7.21E-07	4.22E-03	9.48E-03	3.55E-03	1.19E-08	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	9.48E-03
521	ALL	670236.2	4342649	NonCancer	4.04E-03	5.45E-03	1.54E-06	7.41E-04	8.11E-07	4.78E-03	1.07E-02	4.04E-03	1.31E-08	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	1.07E-02
522	ALL	670071.3	4342738	NonCancer	3.24E-03	4.37E-03	1.23E-06	5.88E-04	6.46E-07	3.83E-03	8.53E-03	3.24E-03	1.05E-08	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	8.53E-03
523	ALL	669990.2	4342753	NonCancer	2.88E-03	3.89E-03	1.11E-06	5.30E-04	5.81E-07	3.42E-03	7.65E-03	2.88E-03	9.64E-09	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	7.65E-03
524	ALL	669928.4	4342742	NonCancer	2.62E-03	3.56E-03	1.02E-06	4.90E-04	5.35E-07	3.11E-03	7.02E-03	2.62E-03	9.19E-09	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	7.02E-03
525	ALL	669815.8	4342673	NonCancer	2.29E-03	3.11E-03	9.03E-07	4.32E-04	4.70E-07	2.72E-03	6.17E-03	2.29E-03	8.68E-09	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	6.17E-03
526	ALL	669743	4342656	NonCancer	2.15E-03	2.92E-03	8.40E-07	4.02E-04	4.39E-07	2.55E-03	5.76E-03	2.15E-03	8.28E-09	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	5.76E-03
527	ALL	669791	4342745	NonCancer	2.29E-03	3.10E-03	8.83E-07	4.23E-04	4.63E-07	2.72E-03	6.09E-03	2.29E-03	8.27E-09	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	6.09E-03
528	ALL	669696.3	4342731	NonCancer	2.11E-03	2.84E-03	8.04E-07	3.86E-04	4.22E-07	2.49E-03	5.57E-03	2.11E-03	7.76E-09	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	5.57E-03
529	ALL	669536.9	4342553	NonCancer	1.67E-03	2.26E-03	6.42E-07	3.08E-04	3.37E-07	1.98E-03	4.43E-03	1.67E-03	6.70E-09	0.00E+00	0.00E+00	9.42E-05	0.00E+00	0.00E+00	4.43E-03
530	ALL	671174.9	4342280	NonCancer	3.53E-02	4.83E-02	1.42E-05	6.78E-03	7.39E-06	4.21E-02	9.56E-02	3.53E-02	8.57E-08	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	9.56E-02
531	ALL	671068.4	4342170	NonCancer	3.05E-02	4.30E-02	1.38E-05	6.54E-03	6.97E-06	3.71E-02	9.37E-02	3.05E-02	1.71E-07	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	9.37E-02
532	ALL	670965.7	4342179	NonCancer	2.13E-02	2.97E-02	9.27E-06	4.39E-03	4.70E-06	2.57E-02	6.23E-02	2.13E-02	9.04E-08	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	6.23E-02
533	ALL	670815.5	4342198	NonCancer	1.27E-02	1.77E-02	5.53E-06	2.62E-03	2.81E-06	1.53E-02	3.65E-02	1.27E-02	5.57E-08	0.00E+00	0.00E+00	8.06E-04	0.00E+00	0.00E+00	3.65E-02
534	ALL	670737.6	4342098	NonCancer	1.01E-02	1.41E-02	4.41E-06	2.09E-03	2.24E-06	1.22E-02	2.89E-02	1.00E-02	4.84E-08	0.00E+00	0.00E+00	6.45E-04	0.00E+00	0.00E+00	2.89E-02
535	ALL	670762.3	4342069	NonCancer	1.09E-02	1.52E-02	4.75E-06	2.25E-03	2.41E-06	1.31E-02	3.12E-02	1.09E-02	5.27E-08	0.00E+00	0.00E+00	6.96E-04	0.00E+00	0.00E+00	3.12E-02
536	ALL	670817.4	4342041	NonCancer	1.30E-02	1.82E-02	5.69E-06	2.69E-03	2.89E-06	1.57E-02	3.75E-02	1.30E-02	6.42E-08	0.00E+00	0.00E+00	8.34E-04	0.00E+00	0.00E+00	3.75E-02
537	ALL	670895.4	4342025	NonCancer	1.70E-02	2.39E-02	7.61E-06	3.60E-03	3.85E-06	2.07E-02	4.99E-02	1.70E-02	8.80E-08	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	4.99E-02
538	ALL	670979	4341915	NonCancer	2.46E-02	3.46E-02	1.10E-05	5.18E-03	5.55E-06	2.99E-02	7.16E-02	2.46E-02	1.33E-07	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	7.16E-02
539	ALL	671115.9	4341864	NonCancer	5.20E-02	7.62E-02	2.68E-05	1.25E-02	1.32E-05	6.47E-02	1.64E-01	5.20E-02	3.32E-07	0.00E+00	0.00E+00	3.93E-03	0.00E+00	0.00E+00	1.64E-01
540	ALL	671199.6	4341771	NonCancer	1.23E-01	1.87E-01	7.14E-05	3.31E-02	3.43E-05	1.56E-01	4.19E-01	1.23E-01	2.98E-07	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	4.19E-01
541	ALL	671222.4	4341377	NonCancer	1.18E-02	1.77E-02	6.60E-06	3.06E-03	3.19E-06	1.48E-02	3.90E-02	1.18E-02	1.03E-08	0.00E+00	0.00E+00	9.50E-04	0.00E+00	0.00E+00	3.90E-02
542	ALL	671714.8	4341392	NonCancer	1.50E-02	2.29E-02	8.73E-06	4.05E-03	4.20E-06	1.91E-02	5.10E-02	1.50E-02	1.16E-08	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	5.10E-02
543	ALL	671366.9	4341999	NonCancer	1.18E-01	1.77E-01	6.56E-05	3.05E-02	3.17E-05	1.49E-01	3.85E-01	1.18E-01	3.12E-07	0.00E+00	0.00E+00	9.48E-03	0.00E+00	0.00E+00	3.85E-01
544	ALL	671226.2	4342236	NonCancer	4.19E-02	5.88E-02	1.86E-05	8.78E-03	9.41E-06	5.07E-02	1.19E-01	4.19E-02	1.06E-07	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	1.19E-01
545	ALL	669098.4	4343412	NonCancer	1.23E-03	1.64E-03	4.45E-07	2.14E-04	2.38E-07	1.44E-03	3.28E-03	1.23E-03	7.63E-08	0.00E+00	0.00E+00	8.28E-05	0.00E+00	0.00E+00	3.28E-03
546	ALL	668908.6	4343365	NonCancer	1.08E-03	1.44E-03	3.89E-07	1.88E-04	2.08E-07	1.27E-03	2.97E-03	1.08E-03	1.76E-08	0.00E+00	0.00E+00	6.06E-05	0.00E+00	0.00E+00	2.97E-03
547	ALL	668851.5	4343360	NonCancer	1.05E-03	1.39E-03	3.74E-07	1.81E-04	2.01E-07	1.23E-03	2.86E-03	1.05E-03	1.13E-08	0.00E+00	0.00E+00	5.70E-05	0.00E+00	0.00E+00	2.86E-03
548	ALL	668831.4	4343371	NonCancer	1.03E-03	1.37E-03	3.69E-07	1.78E-04	1.98E-07	1.21E-03	2.79E-03	1.03E-03	1.01E-08	0.00E+00	0.00E+00	5.59E-05	0.00E+00	0.00E+00	2.79E-03
549	ALL	668733.9	4343302	NonCancer	9.91E-04	1.31E-03	3.50E-07	1.69E-04	1.88E-07	1.16E-03	2.68E-03	9.91E-04	6.69E-09	0.00E+00	0.00E+00	5.23E-05	0.00E+00	0.00E+00	2.68E-03
550	ALL	668686.9	4343200	NonCancer	9.91E-04	1.31E-03	3.45E-07	1.67E-04	1.87E-07	1.16E-03	2.67E-03	9.91E-04	6.96E-09	0.00E+00	0.00E+00	5.18E-05	0.00E+00	0.00E+00	2.67E-03
551	ALL	668671.8	4343089	NonCancer	1.01E-03	1.33E-03	3.47E-07	1.68E-04	1.88E-07	1.18E-03	2.66E-03	1.01E-03	6.66E-09	0.00E+00	0.00E+00	5.20E-05	0.00E+00	0.00E+00	2.66E-03
552	ALL	668806.2	4343002	NonCancer	1.08E-03	1.43E-03	3.76E-07	1.82E-04	2.03E-07	1.27E-03	2.86E-03	1.08E-03	6.23E-09	0.00E+00	0.00E+00	5.61E-05	0.00E+00	0.00E+00	2.86E-03
553	ALL	668918.7	4343025	NonCancer	1.15E-03	1.52E-03	4.06E-07	1.96E-04	2.18E-07	1.35E-03	3.11E-03	1.15E-03	5.81E-09	0.00E+00	0.00E+00	6.03E-05	0.00E+00	0.00E+00	3.11E-03
554	ALL	669024.5	4342943	NonCancer	1.23E-03	1.63E-03	4.38E-07	2.12E-04	2.35E-07	1.44E-03	3.27E-03	1.23E-03	5.18E-09	0.00E+00	0.00E+00	6.47E-05	0.00E+00	0.00E+00	3.27E-03
555	ALL	669288.2	4342916	NonCancer	1.44E-03	1.93E-03	5.36E-07	2.58E-04	2.84E-07	1.70E-03	3.84E-03	1.44E-03	5.33E-09	0.00E+00	0.00E+00	7.87E-05	0.00E+00	0.00E+00	3.84E-03
556	ALL	669333.6	4342923	NonCancer	1.48E-03	1.99E-03	5.55E-07	2.67E-04	2.93E-07	1.75E-03	3.94E-03	1.48E-03	5.44E-09	0.00E+00	0.00E+00	8.14E-05	0.00E+00	0.00E+00	3.94E-03
557	ALL	669365.5	4342978	NonCancer	1.50E-03	2.02E-03	5.66E-07	2.72E-04	2.99E-07	1.77E-03	4.06E-03	1.50E-03	5.43E-09	0.00E+00	0.00E+00	8.30E-05	0.00E+00	0.00E+00	4.06E-03
558	ALL	669337	4343151	NonCancer	1.46E-03	1.96E-03	5.46E-07	2.62E-04	2.89E-07	1.72E-03	3.97E-03	1.46E-03	5.24E-09	0.00E+00	0.00E+00	8.02E-05	0.00E+00	0.00E+00	3.97E-03
559	ALL	669303.4	4343304	NonCancer	1.44E-03	1.93E-03	5.31E-07	2.56E-04	2.83E-07	1.70E-03	3.84E-03	1.44E-03	5.59E-09	0.00E+00	0.00E+00	7.83E-05	0.00E+00	0.00E+00	3.84E-03
560	ALL	669222.7	4343235	NonCancer	1.34E-03	1.80E-03	4.96E-07	2.39E-04	2.64E-07	1.59E-03	3.72E-03	1.34E-03	6.27E-09	0.00E+00	0.00E+00	7.33E-05	0.00E+00	0.00E+00	3.72E-03
561	ALL	669135.4	4343306	NonCancer	1.26E-03	1.68E-03	4.59E-07	2.21E-04	2.45E-07	1.48E-03	3.49E-03	1.26E-03	3.24E-08	0.00E+00	0.00E+00	7.42E-05	0.00E+00	0.00E+00	3.49E-03

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISI	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		668148.8	4340781	1.34E-08	18YrCancer	1.19E-08	5.46E-10	4.85E-11	3.70E-13	0.00E+00	0.00E+00	8.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		668370.1	4340781	1.53E-08	18YrCancer	1.36E-08	6.44E-10	5.73E-11	4.16E-13	0.00E+00	0.00E+00	1.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		668591.4	4340781	1.74E-08	18YrCancer	1.54E-08	7.43E-10	6.61E-11	4.68E-13	0.00E+00	0.00E+00	1.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		668812.7	4340781	1.93E-08	18YrCancer	1.71E-08	8.28E-10	7.37E-11	5.16E-13	0.00E+00	0.00E+00	1.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		669034	4340781	2.21E-08	18YrCancer	1.95E-08	9.60E-10	8.54E-11	5.83E-13	0.00E+00	0.00E+00	1.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		669255.3	4340781	2.56E-08	18YrCancer	2.26E-08	1.13E-09	1.00E-10	6.68E-13	0.00E+00	0.00E+00	1.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		669476.7	4340781	2.76E-08	18YrCancer	2.44E-08	1.20E-09	1.07E-10	7.12E-13	0.00E+00	0.00E+00	1.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		669698	4340781	3.05E-08	18YrCancer	2.69E-08	1.32E-09	1.17E-10	7.70E-13	0.00E+00	0.00E+00	2.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		669919.3	4340781	3.39E-08	18YrCancer	3.04E-08	1.33E-09	1.19E-10	7.77E-13	0.00E+00	0.00E+00	2.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		670140.6	4340781	3.54E-08	18YrCancer	3.23E-08	1.17E-09	1.04E-10	6.92E-13	0.00E+00	0.00E+00	1.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		670361.9	4340781	3.04E-08	18YrCancer	2.81E-08	8.91E-10	7.93E-11	5.42E-13	0.00E+00	0.00E+00	1.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		670583.2	4340781	2.30E-08	18YrCancer	2.13E-08	6.32E-10	5.62E-11	3.92E-13	0.00E+00	0.00E+00	9.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		670804.5	4340781	1.85E-08	18YrCancer	1.71E-08	5.26E-10	4.69E-11	3.34E-13	0.00E+00	0.00E+00	8.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		671025.8	4340781	1.43E-08	18YrCancer	1.31E-08	4.31E-10	3.83E-11	2.74E-13	0.00E+00	0.00E+00	6.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		671247.1	4340781	1.10E-08	18YrCancer	1.01E-08	3.39E-10	3.02E-11	2.14E-13	0.00E+00	0.00E+00	5.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		671468.4	4340781	1.10E-08	18YrCancer	1.01E-08	3.26E-10	2.90E-11	2.08E-13	0.00E+00	0.00E+00	5.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		671689.8	4340781	9.27E-09	18YrCancer	8.61E-09	2.50E-10	2.22E-11	1.67E-13	0.00E+00	0.00E+00	3.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		671911.1	4340781	7.83E-09	18YrCancer	7.25E-09	2.21E-10	1.96E-11	1.48E-13	0.00E+00	0.00E+00	3.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		672132.4	4340781	5.58E-09	18YrCancer	5.14E-09	1.66E-10	1.48E-11	1.12E-13	0.00E+00	0.00E+00	2.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		672353.7	4340781	6.49E-09	18YrCancer	6.02E-09	1.78E-10	1.58E-11	1.25E-13	0.00E+00	0.00E+00	2.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		672575	4340781	6.20E-09	18YrCancer	5.76E-09	1.66E-10	1.48E-11	1.29E-13	0.00E+00	0.00E+00	2.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		668148.8	4340946	1.25E-08	18YrCancer	1.12E-08	4.97E-10	4.42E-11	3.58E-13	0.00E+00	0.00E+00	7.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		668370.1	4340946	1.43E-08	18YrCancer	1.27E-08	5.79E-10	5.16E-11	3.98E-13	0.00E+00	0.00E+00	9.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		668591.4	4340946	1.62E-08	18YrCancer	1.44E-08	6.73E-10	5.99E-11	4.46E-13	0.00E+00	0.00E+00	1.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		668812.7	4340946	1.84E-08	18YrCancer	1.63E-08	7.77E-10	6.92E-11	5.03E-13	0.00E+00	0.00E+00	1.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		669034	4340946	2.18E-08	18YrCancer	1.92E-08	9.50E-10	8.45E-11	5.87E-13	0.00E+00	0.00E+00	1.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		669255.3	4340946	2.53E-08	18YrCancer	2.23E-08	1.11E-09	9.92E-11	6.74E-13	0.00E+00	0.00E+00	1.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		669476.7	4340946	2.80E-08	18YrCancer	2.47E-08	1.22E-09	1.09E-10	7.35E-13	0.00E+00	0.00E+00	1.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		669698	4340946	3.43E-08	18YrCancer	3.03E-08	1.52E-09	1.35E-10	8.78E-13	0.00E+00	0.00E+00	2.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		669919.3	4340946	4.29E-08	18YrCancer	3.86E-08	1.62E-09	1.44E-10	9.48E-13	0.00E+00	0.00E+00	2.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		670140.6	4340946	4.27E-08	18YrCancer	3.86E-08	1.52E-09	1.35E-10	8.90E-13	0.00E+00	0.00E+00	2.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		670361.9	4340946	4.01E-08	18YrCancer	3.68E-08	1.24E-09	1.10E-10	7.37E-13	0.00E+00	0.00E+00	1.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		670583.2	4340946	3.35E-08	18YrCancer	3.11E-08	8.97E-10	7.98E-11	5.53E-13	0.00E+00	0.00E+00	1.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		670804.5	4340946	2.45E-08	18YrCancer	2.28E-08	6.46E-10	5.75E-11	4.05E-13	0.00E+00	0.00E+00	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		671025.8	4340946	1.75E-08	18YrCancer	1.62E-08	5.03E-10	4.47E-11	3.16E-13	0.00E+00	0.00E+00	7.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		671247.1	4340946	1.23E-08	18YrCancer	1.13E-08	3.77E-10	3.36E-11	2.36E-13	0.00E+00	0.00E+00	5.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		671468.4	4340946	1.11E-08	18YrCancer	1.02E-08	3.25E-10	2.90E-11	2.06E-13	0.00E+00	0.00E+00	5.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		671689.8	4340946	1.14E-08	18YrCancer	1.06E-08	2.88E-10	2.56E-11	1.94E-13	0.00E+00	0.00E+00	4.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		671911.1	4340946	1.02E-08	18YrCancer	9.51E-09	2.65E-10	2.36E-11	1.82E-13	0.00E+00	0.00E+00	4.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		672132.4	4340946	5.88E-09	18YrCancer	5.42E-09	1.75E-10	1.56E-11	1.16E-13	0.00E+00	0.00E+00	2.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		672353.7	4340946	6.22E-09	18YrCancer	5.76E-09	1.74E-10	1.54E-11	1.22E-13	0.00E+00	0.00E+00	2.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		672575	4340946	6.59E-09	18YrCancer	6.13E-09	1.76E-10	1.57E-11	1.37E-13	0.00E+00	0.00E+00	2.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		668148.8	4341111	1.19E-08	18YrCancer	1.07E-08	4.60E-10	4.10E-11	3.49E-13	0.00E+00	0.00E+00	7.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		668370.1	4341111	1.33E-08	18YrCancer	1.19E-08	5.24E-10	4.66E-11	3.86E-13	0.00E+00	0.00E+00	8.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		668591.4	4341111	1.52E-08	18YrCancer	1.35E-08	6.17E-10	5.49E-11	4.28E-13	0.00E+00	0.00E+00	9.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		668812.7	4341111	1.74E-08	18YrCancer	1.54E-08	7.24E-10	6.44E-11	4.85E-13	0.00E+00	0.00E+00	1.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		669034	4341111	2.04E-08	18YrCancer	1.81E-08	8.73E-10	7.77E-11	5.62E-13	0.00E+00	0.00E+00	1.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		669255.3	4341111	2.34E-08	18YrCancer	2.07E-08	1.01E-09	8.97E-11	6.38E-13	0.00E+00	0.00E+00	1.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		669476.7	4341111	2.81E-08	18YrCancer	2.48E-08	1.24E-09	1.10E-10	7.53E-13	0.00E+00	0.00E+00	1.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		669698	4341111	3.54E-08	18YrCancer	3.11E-08	1.59E-09	1.42E-10	9.28E-13	0.00E+00	0.00E+00	2.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		669919.3	4341111	4.04E-08	18YrCancer	3.56E-08	1.80E-09	1.60E-10	1.04E-12	0.00E+00	0.00E+00	2.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		670140.6	4341111	5.22E-08	18YrCancer	4.70E-08	1.94E-09	1.73E-10	1.13E-12	0.00E+00	0.00E+00	3.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		670361.9	4341111	5.28E-08	18YrCancer	4.81E-08	1.74E-09	1.55E-10	1.02E-12	0.00E+00	0.00E+00	2.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		670583.2	4341111	4.30E-08	18YrCancer	3.99E-08	1.20E-09	1.07E-10	7.10E-13	0.00E+00	0.00E+00	1.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		670804.5	4341111	2.94E-08	18YrCancer	2.74E-08	7.64E-10	6.80E-11	4.63E-13	0.00E+00	0.00E+00	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		671025.8	4341111	1.99E-08	18YrCancer	1.84E-08	5.61E-10	5.00E-11	3.44E-13	0.00E+00	0.00E+00	8.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		671247.1	4341111	1.69E-08	18YrCancer	1.56E-08	4.81E-10	4.28E-11	2.98E-13	0.00E+00	0.00E+00	7.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		671468.4	4341111	1.35E-08	18YrCancer	1.26E-08	3.68E-10	3.28E-11	2.33E-13	0.00E+00	0.00E+00	5.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		671689.8	4341111	1.57E-08	18YrCancer	1.47E-08	3.62E-10	3.22E-11	2.49E-13	0.00E+00	0.00E+00	5.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		671911.1	4341111	1.27E-08	18YrCancer	1.19E-08	3.08E-10	2.74E-11	2.14E-13	0.00E+00	0.00E+00	4.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		672132.4	4341111	6.64E-09	18YrCancer	6.15E-09	1.86E-10	1.65E-11	1.24E-13	0.00E+00	0.00E+00	2.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		672353.7	4341111	5.57E-09	18YrCancer	5.15E-09	1.61E-10	1.43E-11	1.10E-13	0.00E+00	0.00E+00	2.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		672575	4341111	7.06E-09	18YrCancer	6.56E-09	1.90E-10	1.69E-11	1.42E-13	0.00E+00	0.00E+00	2.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		668148.8	4341276	1.14E-08	18YrCancer	1.03E-08	4.31E-10	3.83E-11	3.42E-13	0.00E+00	0.00E+00	6.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL		668370.1	4341276	1.26E-08	18YrCancer	1.13E-08	4.86E-10	4.32E-11	3.73E-13	0.00E+00	0.00E+00	7.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL		668591.4	4341276	1.42E-08	18YrCancer	1.27E-08	5.63E-10	5.01E-11	4.09E-13	0.00E+00	0.00E+00	8.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL		668812.7	4341276	1.64E-08	18YrCancer	1.46E-08	6.77E-10	6.02E-11	4.66E-13	0.00E+00	0.00E+00	1.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		669034	4341276	2.05E-08	18YrCancer	1.82E-08	8.75E-10	7.79E-11	5.73E-13	0.00E+00	0.00E+00	1.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		669255.3	4341276	2.32E-08	18YrCancer	2.05E-08	1.01E-09	8.96E-11	6.43E-13	0.00E+00	0.00E+00	1.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		669476.7	4341276	2.68E-08	18YrCancer	2.36E-08	1.17E-09	1.04E-10	7.34E-13	0.00E+00	0.00E+00	1.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL		669698	4341276	3.30E-08	18YrCancer	2.90E-08	1.47E-09	1.31E-10	8.91E-13	0.00E+00	0.00E+00	2.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL		669919.3	4341276	4.64E-08	18YrCancer	4.13E-08	1.92E-09	1.70E-10	1.13E-12	0.00E+00	0.00E+00	3.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		670140.6	4341276	6.02E-08	18YrCancer	5.38E-08	2.39E-09	2.13E-10	1.40E-12	0.00E+00	0.00E+00	3.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL		670361.9	4341276	6.50E-08	18YrCancer	5.87E-08	2.38E-09	2.12E-10	1.37E-12	0.00E+00	0.00E+00	3.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL		670583.2	4341276	5.44E-08	18YrCancer	5.00E-08	1.65E-09	1.47E-10	9.40E-13	0.00E+00	0.00E+00	2.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL		670804.5	4341276	4.00E-08	18YrCancer	3.73E-08	1.00E-09	8.93E-11	5.93E-13	0.00E+00	0.00E+00	1.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		671025.8	4341276	2.74E-08	18YrCancer	2.56E-08	7.05E-10	6.28E-11	4.26E-13	0.00E+00	0.00E+00	1.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL		671247.1	4341276	2.72E-08	18YrCancer	2.55E-08	6.42E-10	5.72E-11	3.98E-13	0.00E+00	0.00E+00	1.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL		671468.4	4341276	2.73E-08	18YrCancer	2.58E-08	5.52E-10	4.91E-11	3.65E-13	0.00E+00	0.00E+00	8.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL		671689.8	4341276	2.32E-08	18YrCancer	2.19E-08	4.65E-10	4.14E-11	3.31E-13	0.00E+00	0.00E+00	7.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		671911.1	4341276	1.72E-08	18YrCancer	1.62E-08	3.75E-10	3.34E-11	2.68E-13	0.00E+00	0.00E+00	5.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		672132.4	4341276	8.17E-09	18YrCancer	7.59E-09	2.20E-10	1.95E-11	1.47E-13	0.00E+00	0.00E+00	3.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		672353.7	4341276	6.05E-09	18YrCancer	5.60E-09	1.69E-10	1.50E-11	1.11E-13	0.00E+00	0.00E+00	2.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL		672575	4341276	8.31E-09	18YrCancer	7.73E-09	2.19E-10	1.95E-11	1.60E-13	0.00E+00	0.00E+00	3.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		668148.8	4341441	1.11E-08	18YrCancer	1.00E-08	4.07E-10	3.62E-11	3.42E-13	0.00E+00	0.00E+00	6.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL		668370.1	4341441	1.21E-08	18YrCancer	1.09E-08	4.55E-10	4.04E-11	3.67E-13	0.00E+00	0.00E+00	7.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL		668591.4	4341441	1.34E-08	18YrCancer	1.20E-08	5.16E-10	4.59E-11	3.96E-13	0.00E+00	0.00E+00	8.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL		668812.7	4341441	1.55E-08	18YrCancer	1.39E-08	6.27E-10	5.57E-11	4.49E-13	0.00E+00	0.00E+00	9.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL		669034	4341441	1.88E-08	18YrCancer	1.67E-08	7.82E-10	6.95E-11	5.41E-13	0.00E+00	0.00E+00	1.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL		669255.3	4341441	2.05E-08	18YrCancer	1.82E-08	8.49E-10	7.55E-11	5.80E-13	0.00E+00	0.00E+00	1.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

91	ALL	669476.7	4341441	2.47E-08	18YrCancer	2.18E-08	1.05E-09	9.33E-11	6.89E-13	0.00E+00	0.00E+00	1.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	669698	4341441	3.15E-08	18YrCancer	2.78E-08	1.39E-09	1.24E-10	8.67E-13	0.00E+00	0.00E+00	2.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	669919.3	4341441	4.44E-08	18YrCancer	3.94E-08	1.84E-09	1.64E-10	1.14E-12	0.00E+00	0.00E+00	2.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	670140.6	4341441	6.02E-08	18YrCancer	5.34E-08	2.54E-09	2.26E-10	1.51E-12	0.00E+00	0.00E+00	4.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	670361.9	4341441	7.64E-08	18YrCancer	6.81E-08	3.11E-09	2.77E-10	1.78E-12	0.00E+00	0.00E+00	4.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	670583.2	4341441	7.37E-08	18YrCancer	6.67E-08	2.65E-09	2.36E-10	1.48E-12	0.00E+00	0.00E+00	4.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	670804.5	4341441	6.76E-08	18YrCancer	6.31E-08	1.72E-09	1.53E-10	9.94E-13	0.00E+00	0.00E+00	2.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	671025.8	4341441	4.56E-08	18YrCancer	4.28E-08	1.06E-09	9.40E-11	6.29E-13	0.00E+00	0.00E+00	1.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	671689.8	4341441	5.86E-08	18YrCancer	5.67E-08	7.24E-10	6.44E-11	5.16E-13	0.00E+00	0.00E+00	1.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	671911.1	4341441	2.14E-08	18YrCancer	2.03E-08	4.30E-10	3.83E-11	3.08E-13	0.00E+00	0.00E+00	6.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	672132.4	4341441	1.09E-08	18YrCancer	1.02E-08	2.73E-10	2.43E-11	1.78E-13	0.00E+00	0.00E+00	4.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	672353.7	4341441	9.50E-09	18YrCancer	8.83E-09	2.54E-10	2.26E-11	1.63E-13	0.00E+00	0.00E+00	3.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	672575	4341441	1.41E-08	18YrCancer	1.33E-08	2.97E-10	2.65E-11	2.26E-13	0.00E+00	0.00E+00	4.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	668148.8	4341606	1.10E-08	18YrCancer	9.95E-09	3.99E-10	3.55E-11	3.45E-13	0.00E+00	0.00E+00	6.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	668370.1	4341606	1.19E-08	18YrCancer	1.07E-08	4.39E-10	3.91E-11	3.63E-13	0.00E+00	0.00E+00	6.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	668591.4	4341606	1.30E-08	18YrCancer	1.17E-08	4.93E-10	4.38E-11	3.92E-13	0.00E+00	0.00E+00	7.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	668812.7	4341606	1.45E-08	18YrCancer	1.30E-08	5.63E-10	5.01E-11	4.32E-13	0.00E+00	0.00E+00	9.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	669034	4341606	1.63E-08	18YrCancer	1.46E-08	6.40E-10	5.69E-11	4.79E-13	0.00E+00	0.00E+00	1.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	669255.3	4341606	1.87E-08	18YrCancer	1.67E-08	7.46E-10	6.63E-11	5.43E-13	0.00E+00	0.00E+00	1.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	669476.7	4341606	2.25E-08	18YrCancer	2.00E-08	9.21E-10	8.20E-11	6.44E-13	0.00E+00	0.00E+00	1.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	669698	4341606	2.75E-08	18YrCancer	2.43E-08	1.16E-09	1.03E-10	7.68E-13	0.00E+00	0.00E+00	1.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	669919.3	4341606	3.75E-08	18YrCancer	3.33E-08	1.54E-09	1.37E-10	1.02E-12	0.00E+00	0.00E+00	2.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	670140.6	4341606	5.34E-08	18YrCancer	4.73E-08	2.28E-09	2.03E-10	1.43E-12	0.00E+00	0.00E+00	3.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	670361.9	4341606	7.32E-08	18YrCancer	6.47E-08	3.20E-09	2.85E-10	1.87E-12	0.00E+00	0.00E+00	5.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	670583.2	4341606	9.77E-08	18YrCancer	8.68E-08	4.12E-09	3.67E-10	2.30E-12	0.00E+00	0.00E+00	6.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	670804.5	4341606	1.12E-07	18YrCancer	1.02E-07	3.64E-09	3.24E-10	2.06E-12	0.00E+00	0.00E+00	5.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	671025.8	4341606	9.22E-08	18YrCancer	8.73E-08	1.85E-09	1.65E-10	1.10E-12	0.00E+00	0.00E+00	2.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	671689.8	4341606	1.11E-07	18YrCancer	1.08E-07	1.02E-09	9.05E-11	6.98E-13	0.00E+00	0.00E+00	1.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	671911.1	4341606	3.21E-08	18YrCancer	3.06E-08	5.69E-10	5.07E-11	4.03E-13	0.00E+00	0.00E+00	8.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	672132.4	4341606	1.74E-08	18YrCancer	1.63E-08	4.02E-10	3.58E-11	2.59E-13	0.00E+00	0.00E+00	6.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	672353.7	4341606	1.24E-08	18YrCancer	1.15E-08	3.14E-10	2.79E-11	2.03E-13	0.00E+00	0.00E+00	4.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	672575	4341606	1.60E-08	18YrCancer	1.50E-08	3.55E-10	3.16E-11	2.63E-13	0.00E+00	0.00E+00	5.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	668148.8	4341771	1.10E-08	18YrCancer	1.00E-08	3.86E-10	3.43E-11	3.62E-13	0.00E+00	0.00E+00	6.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	668370.1	4341771	1.18E-08	18YrCancer	1.06E-08	4.27E-10	3.79E-11	3.71E-13	0.00E+00	0.00E+00	6.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	668591.4	4341771	1.27E-08	18YrCancer	1.14E-08	4.59E-10	4.08E-11	3.98E-13	0.00E+00	0.00E+00	7.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	668812.7	4341771	1.39E-08	18YrCancer	1.25E-08	5.14E-10	4.57E-11	4.28E-13	0.00E+00	0.00E+00	8.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	669034	4341771	1.55E-08	18YrCancer	1.39E-08	5.87E-10	5.22E-11	4.69E-13	0.00E+00	0.00E+00	9.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	669255.3	4341771	1.86E-08	18YrCancer	1.67E-08	7.25E-10	6.45E-11	5.60E-13	0.00E+00	0.00E+00	1.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	669476.7	4341771	2.05E-08	18YrCancer	1.83E-08	7.90E-10	7.03E-11	5.96E-13	0.00E+00	0.00E+00	1.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	669698	4341771	2.35E-08	18YrCancer	2.11E-08	9.00E-10	8.01E-11	6.71E-13	0.00E+00	0.00E+00	1.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	669919.3	4341771	3.03E-08	18YrCancer	2.71E-08	1.19E-09	1.06E-10	8.66E-13	0.00E+00	0.00E+00	1.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	670140.6	4341771	4.04E-08	18YrCancer	3.61E-08	1.65E-09	1.46E-10	1.13E-12	0.00E+00	0.00E+00	2.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	670361.9	4341771	5.33E-08	18YrCancer	4.72E-08	2.28E-09	2.03E-10	1.43E-12	0.00E+00	0.00E+00	3.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	670583.2	4341771	1.05E-07	18YrCancer	9.24E-08	4.74E-09	4.22E-10	2.78E-12	0.00E+00	0.00E+00	7.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	670804.5	4341771	1.47E-07	18YrCancer	1.31E-07	5.84E-09	5.20E-10	3.40E-12	0.00E+00	0.00E+00	9.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	671025.8	4341771	1.83E-07	18YrCancer	1.69E-07	5.30E-09	4.72E-10	3.09E-12	0.00E+00	0.00E+00	8.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	671689.8	4341771	9.14E-08	18YrCancer	8.85E-08	1.06E-09	9.45E-11	7.06E-13	0.00E+00	0.00E+00	1.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	671911.1	4341771	4.06E-08	18YrCancer	3.86E-08	7.55E-10	6.72E-11	5.15E-13	0.00E+00	0.00E+00	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	672132.4	4341771	1.88E-08	18YrCancer	1.76E-08	4.50E-10	4.00E-11	2.80E-13	0.00E+00	0.00E+00	6.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	672353.7	4341771	1.21E-08	18YrCancer	1.12E-08	3.21E-10	2.85E-11	2.01E-13	0.00E+00	0.00E+00	4.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	672575	4341771	1.73E-08	18YrCancer	1.63E-08	3.96E-10	3.52E-11	2.91E-13	0.00E+00	0.00E+00	6.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	668148.8	4341936	1.12E-08	18YrCancer	1.02E-08	3.80E-10	3.38E-11	3.80E-13	0.00E+00	0.00E+00	5.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	668370.1	4341936	1.20E-08	18YrCancer	1.09E-08	4.13E-10	3.67E-11	4.03E-13	0.00E+00	0.00E+00	6.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	668591.4	4341936	1.27E-08	18YrCancer	1.15E-08	4.48E-10	3.98E-11	4.13E-13	0.00E+00	0.00E+00	7.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	668812.7	4341936	1.38E-08	18YrCancer	1.25E-08	5.00E-10	4.45E-11	4.36E-13	0.00E+00	0.00E+00	7.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	669034	4341936	1.55E-08	18YrCancer	1.40E-08	5.78E-10	5.14E-11	4.83E-13	0.00E+00	0.00E+00	9.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	669255.3	4341936	1.75E-08	18YrCancer	1.57E-08	6.34E-10	5.64E-11	5.40E-13	0.00E+00	0.00E+00	1.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	669476.7	4341936	1.86E-08	18YrCancer	1.68E-08	6.78E-10	6.03E-11	5.66E-13	0.00E+00	0.00E+00	1.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	669698	4341936	2.23E-08	18YrCancer	2.01E-08	8.32E-10	7.40E-11	6.69E-13	0.00E+00	0.00E+00	1.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	669919.3	4341936	2.48E-08	18YrCancer	2.23E-08	9.48E-10	8.43E-11	7.23E-13	0.00E+00	0.00E+00	1.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	670140.6	4341936	3.05E-08	18YrCancer	2.74E-08	1.17E-09	1.04E-10	8.66E-13	0.00E+00	0.00E+00	1.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	670361.9	4341936	4.24E-08	18YrCancer	3.80E-08	1.65E-09	1.47E-10	1.17E-12	0.00E+00	0.00E+00	2.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	670583.2	4341936	7.09E-08	18YrCancer	6.33E-08	2.76E-09	2.45E-10	1.92E-12	0.00E+00	0.00E+00	4.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	670804.5	4341936	1.36E-07	18YrCancer	1.21E-07	5.24E-09	4.67E-10	3.30E-12	0.00E+00	0.00E+00	9.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	671468.4	4341936	3.17E-07	18YrCancer	3.09E-07	2.89E-09	2.57E-10	1.71E-12	0.00E+00	0.00E+00	4.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	671689.8	4341936	8.28E-08	18YrCancer	7.89E-08	1.46E-09	1.30E-10	8.93E-13	0.00E+00	0.00E+00	2.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	671911.1	4341936	4.06E-08	18YrCancer	3.82E-08	9.10E-10	8.10E-11	5.85E-13	0.00E+00	0.00E+00	1.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	672132.4	4341936	2.05E-08	18YrCancer	1.90E-08	5.43E-10	4.83E-11	3.35E-13	0.00E+00	0.00E+00	8.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	672353.7	4341936	1.27E-08	18YrCancer	1.18E-08	3.60E-10	3.21E-11	2.25E-13	0.00E+00	0.00E+00	5.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	672575	4341936	1.38E-08	18YrCancer	1.28E-08	3.69E-10	3.28E-11	2.69E-13	0.00E+00	0.00E+00	5.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	668148.8	4342101	1.20E-08	18YrCancer	1.09E-08	3.98E-10	3.54E-11	4.22E-13	0.00E+00	0.00E+00	6.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	668370.1	4342101	1.26E-08	18YrCancer	1.15E-08	4.28E-10	3.81E-11	4.33E-13	0.00E+00	0.00E+00	6.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	668591.4	4342101	1.33E-08	18YrCancer	1.20E-08	4.66E-10	4.14E-11	4.40E-13	0.00E+00	0.00E+00	7.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	668812.7	4342101	1.43E-08	18YrCancer	1.29E-08	5.08E-10	4.52E-11	4.65E-13	0.00E+00	0.00E+00	8.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	669034	4342101	1.65E-08	18YrCancer	1.49E-08	5.96E-10	5.30E-11	5.37E-13	0.00E+00	0.00E+00	9.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	669255.3	4342101	1.83E-08	18YrCancer	1.66E-08	6.64E-10	5.90E-11	5.92E-13	0.00E+00	0.00E+00	1.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	669476.7	4342101	1.90E-08	18YrCancer	1.72E-08	6.67E-10	5.93E-11	5.90E-13	0.00E+00	0.00E+00	1.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	669698	4342101	2.19E-08	18YrCancer	1.98E-08	7.67E-10	6.82E-11	6.54E-13	0.00E+00	0.00E+00	1.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	669919.3	4342101	2.64E-08	18YrCancer	2.39E-08	9.31E-10	8.28E-11	7.71E-13	0.00E+00	0.00E+00	1.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	670140.6	4342101	3.26E-08	18YrCancer	2.95E-08	1.16E-09	1.03E-10	9.20E-13	0.00E+00	0.00E+00	1.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	670361.9	4342101	4.13E-08	18YrCancer	3.73E-08	1.43E-09	1.28E-10	1.14E-12	0.00E+00	0.00E+00	2.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	670583.2	4342101	6.28E-08	18YrCancer	5.63E-08	2.23E-09	1.98E-10	1.71E-12	0.00E+00	0.00E+00	4.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	671468.4	4342101	1.63E-07	18YrCancer	1.54E-07	3.45E-09	3.07E-10	2.00E-12	0.00E+00	0.00E+00	5.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	671689.8	4342101	6.81E-08	18YrCancer	6.38E-08	1.63E-09	1.45E-10	9.84E-13	0.00E+00	0.00E+00	2.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	671911.1	4342101	3.84E-08	18YrCancer	3.57E-08	9.93E-10	8.83E-11	6.34E-13	0.00E+00	0.00E+00	1.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	672132.4	4342101	2.22E-08	18YrCancer	2.05E-08	6.22E-10	5.54E-11	3.97E-13	0.00E+00	0.00E+00	9.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	672353.7	4342101	1.39E-08	18YrCancer	1.28E-08	4.16E-10	3.71E-11	2.66E-13	0.00E+00	0.00E+00	6.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	672575	4342101	1.35E-08	18YrCancer	1.25E-08	3.80E-10	3.38E-11	2.77E-13	0.00E+00	0.00E+00	5.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	668148.8	4342266	1.30E-08	18YrCancer	1.19E-08	4.30E-10	3.82E-11	4.73E-13	0.00E+00	0.00E+00	6.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	668370.1	4342266	1.37E-08	18YrCancer	1.25E-08	4.62E-10	4.11E-11	4.86E-13	0.00E+00	0.00E+00	7.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	668591.4	4342266	1.45E-08	18YrCancer	1.32E-08	4.91E-10	4.36E-11	5.10E-13	0.00E+00	0.00E+00	7.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

182	ALL	668812.7	4342266	1.54E-08	18YrCancer	1.40E-08	5.30E-10	4.71E-11	5.31E-13	0.00E+00	0.00E+00	8.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	669034	4342266	1.65E-08	18YrCancer	1.50E-08	5.71E-10	5.07E-11	5.58E-13	0.00E+00	0.00E+00	9.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	669255.3	4342266	1.80E-08	18YrCancer	1.62E-08	6.37E-10	5.66E-11	5.91E-13	0.00E+00	0.00E+00	1.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	669476.7	4342266	2.03E-08	18YrCancer	1.83E-08	7.31E-10	6.50E-11	6.58E-13	0.00E+00	0.00E+00	1.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	669698	4342266	2.44E-08	18YrCancer	2.19E-08	9.09E-10	8.09E-11	7.93E-13	0.00E+00	0.00E+00	1.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	669919.3	4342266	2.83E-08	18YrCancer	2.54E-08	1.08E-09	9.58E-11	9.04E-13	0.00E+00	0.00E+00	1.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	670140.6	4342266	3.42E-08	18YrCancer	3.06E-08	1.29E-09	1.14E-10	1.06E-12	0.00E+00	0.00E+00	2.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	670361.9	4342266	4.54E-08	18YrCancer	4.06E-08	1.67E-09	1.48E-10	1.38E-12	0.00E+00	0.00E+00	2.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	670583.2	4342266	6.56E-08	18YrCancer	5.87E-08	2.36E-09	2.10E-10	1.92E-12	0.00E+00	0.00E+00	4.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	670804.5	4342266	1.24E-07	18YrCancer	1.11E-07	4.30E-09	3.83E-10	3.42E-12	0.00E+00	0.00E+00	8.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	671025.8	4342266	3.43E-07	18YrCancer	3.09E-07	1.23E-08	1.09E-09	1.01E-11	0.00E+00	0.00E+00	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	671247.1	4342266	3.65E-07	18YrCancer	3.36E-07	1.07E-08	9.49E-10	8.38E-12	0.00E+00	0.00E+00	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	671468.4	4342266	1.20E-07	18YrCancer	1.12E-07	2.96E-09	2.63E-10	1.87E-12	0.00E+00	0.00E+00	4.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	671689.8	4342266	5.81E-08	18YrCancer	5.41E-08	1.53E-09	1.36E-10	9.74E-13	0.00E+00	0.00E+00	2.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	671911.1	4342266	3.35E-08	18YrCancer	3.09E-08	9.52E-10	8.47E-11	6.17E-13	0.00E+00	0.00E+00	1.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	672132.4	4342266	2.27E-08	18YrCancer	2.09E-08	6.63E-10	5.90E-11	4.46E-13	0.00E+00	0.00E+00	1.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	672353.7	4342266	1.57E-08	18YrCancer	1.45E-08	4.69E-10	4.17E-11	3.17E-13	0.00E+00	0.00E+00	7.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	672575	4342266	1.78E-08	18YrCancer	1.66E-08	4.55E-10	4.05E-11	3.42E-13	0.00E+00	0.00E+00	7.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	668148.8	4342431	1.38E-08	18YrCancer	1.25E-08	4.56E-10	4.05E-11	5.09E-13	0.00E+00	0.00E+00	7.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	668370.1	4342431	1.54E-08	18YrCancer	1.40E-08	5.11E-10	4.54E-11	5.72E-13	0.00E+00	0.00E+00	8.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	668591.4	4342431	1.64E-08	18YrCancer	1.50E-08	5.53E-10	4.91E-11	6.13E-13	0.00E+00	0.00E+00	8.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	668812.7	4342431	1.79E-08	18YrCancer	1.63E-08	6.08E-10	5.40E-11	6.67E-13	0.00E+00	0.00E+00	9.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	669034	4342431	1.93E-08	18YrCancer	1.75E-08	6.62E-10	5.88E-11	7.17E-13	0.00E+00	0.00E+00	1.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	669255.3	4342431	2.05E-08	18YrCancer	1.85E-08	7.09E-10	6.30E-11	7.40E-13	0.00E+00	0.00E+00	1.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	669476.7	4342431	2.20E-08	18YrCancer	1.99E-08	7.73E-10	6.87E-11	7.60E-13	0.00E+00	0.00E+00	1.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	669698	4342431	2.48E-08	18YrCancer	2.24E-08	8.82E-10	7.84E-11	8.49E-13	0.00E+00	0.00E+00	1.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	669919.3	4342431	2.93E-08	18YrCancer	2.63E-08	1.05E-09	9.37E-11	9.83E-13	0.00E+00	0.00E+00	1.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	670140.6	4342431	3.57E-08	18YrCancer	3.21E-08	1.29E-09	1.15E-10	1.18E-12	0.00E+00	0.00E+00	2.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	670361.9	4342431	4.78E-08	18YrCancer	4.28E-08	1.74E-09	1.55E-10	1.54E-12	0.00E+00	0.00E+00	3.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	670583.2	4342431	7.48E-08	18YrCancer	6.71E-08	2.72E-09	2.42E-10	2.28E-12	0.00E+00	0.00E+00	4.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	670804.5	4342431	1.42E-07	18YrCancer	1.27E-07	5.24E-09	4.66E-10	4.37E-12	0.00E+00	0.00E+00	8.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	671025.8	4342431	4.01E-07	18YrCancer	3.64E-07	1.36E-08	1.21E-09	1.58E-11	0.00E+00	0.00E+00	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	671247.1	4342431	1.79E-07	18YrCancer	1.63E-07	6.03E-09	5.37E-10	4.26E-12	0.00E+00	0.00E+00	9.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	671468.4	4342431	8.62E-08	18YrCancer	7.99E-08	2.39E-09	2.13E-10	1.57E-12	0.00E+00	0.00E+00	3.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	671689.8	4342431	4.58E-08	18YrCancer	4.25E-08	1.28E-09	1.14E-10	8.45E-13	0.00E+00	0.00E+00	1.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	671911.1	4342431	2.81E-08	18YrCancer	2.60E-08	8.17E-10	7.27E-11	5.51E-13	0.00E+00	0.00E+00	1.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	672132.4	4342431	2.04E-08	18YrCancer	1.88E-08	6.05E-10	5.38E-11	4.23E-13	0.00E+00	0.00E+00	9.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	672353.7	4342431	2.09E-08	18YrCancer	1.95E-08	5.31E-10	4.72E-11	4.08E-13	0.00E+00	0.00E+00	8.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	672575	4342431	1.72E-08	18YrCancer	1.60E-08	4.53E-10	4.03E-11	3.54E-13	0.00E+00	0.00E+00	7.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	668148.8	4342596	1.55E-08	18YrCancer	1.41E-08	5.11E-10	4.54E-11	5.91E-13	0.00E+00	0.00E+00	7.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	668370.1	4342596	1.73E-08	18YrCancer	1.58E-08	5.73E-10	5.09E-11	6.70E-13	0.00E+00	0.00E+00	8.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	668591.4	4342596	1.91E-08	18YrCancer	1.74E-08	6.37E-10	5.66E-11	7.44E-13	0.00E+00	0.00E+00	9.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	668812.7	4342596	2.05E-08	18YrCancer	1.87E-08	6.95E-10	6.18E-11	7.95E-13	0.00E+00	0.00E+00	1.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	669034	4342596	2.22E-08	18YrCancer	2.02E-08	7.61E-10	6.76E-11	8.59E-13	0.00E+00	0.00E+00	1.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	669255.3	4342596	2.33E-08	18YrCancer	2.11E-08	8.07E-10	7.17E-11	8.75E-13	0.00E+00	0.00E+00	1.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	669476.7	4342596	2.53E-08	18YrCancer	2.29E-08	8.88E-10	7.89E-11	9.47E-13	0.00E+00	0.00E+00	1.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	669698	4342596	2.75E-08	18YrCancer	2.49E-08	9.77E-10	8.69E-11	9.87E-13	0.00E+00	0.00E+00	1.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	669919.3	4342596	3.18E-08	18YrCancer	2.87E-08	1.13E-09	1.01E-10	1.14E-12	0.00E+00	0.00E+00	1.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	670140.6	4342596	4.06E-08	18YrCancer	3.65E-08	1.46E-09	1.30E-10	1.40E-12	0.00E+00	0.00E+00	2.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	670361.9	4342596	5.79E-08	18YrCancer	5.18E-08	2.21E-09	1.96E-10	1.93E-12	0.00E+00	0.00E+00	3.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	670583.2	4342596	8.59E-08	18YrCancer	7.75E-08	3.16E-09	2.81E-10	2.60E-12	0.00E+00	0.00E+00	5.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	670804.5	4342596	1.49E-07	18YrCancer	1.34E-07	5.34E-09	4.75E-10	5.03E-12	0.00E+00	0.00E+00	8.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	671025.8	4342596	2.52E-07	18YrCancer	2.30E-07	8.62E-09	7.66E-10	9.72E-12	0.00E+00	0.00E+00	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	671247.1	4342596	1.29E-07	18YrCancer	1.17E-07	4.47E-09	3.98E-10	3.32E-12	0.00E+00	0.00E+00	7.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	671468.4	4342596	6.31E-08	18YrCancer	5.80E-08	1.92E-09	1.71E-10	1.27E-12	0.00E+00	0.00E+00	2.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	671689.8	4342596	3.42E-08	18YrCancer	3.16E-08	9.92E-10	8.83E-11	6.65E-13	0.00E+00	0.00E+00	1.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	671911.1	4342596	2.20E-08	18YrCancer	2.03E-08	6.67E-10	5.93E-11	4.50E-13	0.00E+00	0.00E+00	1.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	672132.4	4342596	1.70E-08	18YrCancer	1.57E-08	5.20E-10	4.62E-11	3.62E-13	0.00E+00	0.00E+00	8.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	672353.7	4342596	1.68E-08	18YrCancer	1.56E-08	4.69E-10	4.17E-11	3.68E-13	0.00E+00	0.00E+00	7.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	672575	4342596	1.59E-08	18YrCancer	1.48E-08	4.24E-10	3.77E-11	3.30E-13	0.00E+00	0.00E+00	6.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	668148.8	4342761	1.87E-08	18YrCancer	1.71E-08	6.09E-10	5.41E-11	7.51E-13	0.00E+00	0.00E+00	9.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	668370.1	4342761	2.09E-08	18YrCancer	1.91E-08	6.83E-10	6.07E-11	8.46E-13	0.00E+00	0.00E+00	1.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	668591.4	4342761	2.17E-08	18YrCancer	1.98E-08	7.23E-10	6.42E-11	8.72E-13	0.00E+00	0.00E+00	1.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	668812.7	4342761	2.36E-08	18YrCancer	2.15E-08	7.94E-10	7.05E-11	9.46E-13	0.00E+00	0.00E+00	1.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	669034	4342761	2.44E-08	18YrCancer	2.21E-08	8.33E-10	7.40E-11	9.50E-13	0.00E+00	0.00E+00	1.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	669255.3	4342761	2.57E-08	18YrCancer	2.33E-08	8.87E-10	7.88E-11	9.89E-13	0.00E+00	0.00E+00	1.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	669476.7	4342761	2.86E-08	18YrCancer	2.59E-08	9.81E-10	8.72E-11	1.11E-12	0.00E+00	0.00E+00	1.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	669698	4342761	3.09E-08	18YrCancer	2.79E-08	1.12E-09	9.93E-11	1.13E-12	0.00E+00	0.00E+00	1.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	669919.3	4342761	3.73E-08	18YrCancer	3.37E-08	1.34E-09	1.19E-10	1.37E-12	0.00E+00	0.00E+00	2.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	670140.6	4342761	4.76E-08	18YrCancer	4.30E-08	1.67E-09	1.49E-10	1.63E-12	0.00E+00	0.00E+00	2.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	670361.9	4342761	6.71E-08	18YrCancer	6.07E-08	2.36E-09	2.10E-10	2.25E-12	0.00E+00	0.00E+00	3.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	670583.2	4342761	8.97E-08	18YrCancer	8.11E-08	3.25E-09	2.89E-10	2.94E-12	0.00E+00	0.00E+00	5.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	670804.5	4342761	1.97E-07	18YrCancer	1.80E-07	6.43E-09	5.71E-10	8.30E-12	0.00E+00	0.00E+00	9.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	671025.8	4342761	1.31E-07	18YrCancer	1.19E-07	4.69E-09	4.17E-10	4.40E-12	0.00E+00	0.00E+00	7.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	671247.1	4342761	8.23E-08	18YrCancer	7.45E-08	2.93E-09	2.60E-10	2.08E-12	0.00E+00	0.00E+00	4.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	671468.4	4342761	5.06E-08	18YrCancer	4.63E-08	1.64E-09	1.46E-10	1.10E-12	0.00E+00	0.00E+00	2.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	671689.8	4342761	3.01E-08	18YrCancer	2.78E-08	9.08E-10	8.07E-11	6.18E-13	0.00E+00	0.00E+00	1.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	671911.1	4342761	1.82E-08	18YrCancer	1.67E-08	5.50E-10	4.89E-11	3.81E-13	0.00E+00	0.00E+00	8.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	672132.4	4342761	1.45E-08	18YrCancer	1.33E-08	4.55E-10	4.05E-11	3.17E-13	0.00E+00	0.00E+00	7.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	672353.7	4342761	1.37E-08	18YrCancer	1.26E-08	4.10E-10	3.65E-11	3.20E-13	0.00E+00	0.00E+00	6.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	672575	4342761	1.25E-08	18YrCancer	1.16E-08	3.47E-10	3.08E-11	2.80E-13	0.00E+00	0.00E+00	5.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	668148.8	4342926	2.33E-08	18YrCancer	2.13E-08	7.45E-10	6.62E-11	9.89E-13	0.00E+00	0.00E+00	1.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	668370.1	4342926	2.55E-08	18YrCancer	2.33E-08	8.19E-10	7.27E-11	1.09E-12	0.00E+00	0.00E+00	1.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	668591.4	4342926	2.62E-08	18YrCancer	2.39E-08	8.53E-10	7.58E-11	1.10E-12	0.00E+00	0.00E+00	1.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	668812.7	4342926	2.85E-08	18YrCancer	2.60E-08	9.32E-10	8.27E-11	1.20E-12	0.00E+00	0.00E+00	1.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	669034	4342926	3.00E-08	18YrCancer	2.74E-08	9.90E-10	8.79E-11	1.26E-12	0.00E+00	0.00E+00	1.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	669476.7	4342926	3.33E-08	18YrCancer	3.03E-08	1.11E-09	9.82E-11	1.36E-12	0.00E+00	0.00E+00	1.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	669698	4342926	3.91E-08	18YrCancer	3.54E-08	1.37E-09	1.22E-10	1.55E-12	0.00E+00	0.00E+00	2.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	669919.3	4342926	4.20E-08	18YrCancer	3.80E-08	1.48E-09	1.31E-10	1.54E-12	0.00E+00	0.00E+00	2.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	670140.6	4342926	5.12E-08	18YrCancer	4.64E-08	1.80E-09	1.60E-10	1.73E-12	0.00E+00	0.00E+00	2.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	670361.9	4342926	6.95E-08	18YrCancer	6.30E-08	2.46E-09	2.19E-10	2.38E-12	0.00E+00	0.00E+00	3.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

273	ALL	670583.2	4342926	1.71E-07	18YrCancer	1.56E-07	5.44E-09	4.83E-10	7.63E-12	0.00E+00	0.00E+00	8.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	670804.5	4342926	1.42E-07	18YrCancer	1.30E-07	4.72E-09	4.19E-10	5.83E-12	0.00E+00	0.00E+00	7.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	671025.8	4342926	7.55E-08	18YrCancer	6.82E-08	2.80E-09	2.49E-10	2.29E-12	0.00E+00	0.00E+00	4.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	671247.1	4342926	6.10E-08	18YrCancer	5.52E-08	2.19E-09	1.94E-10	1.57E-12	0.00E+00	0.00E+00	3.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	671468.4	4342926	3.89E-08	18YrCancer	3.54E-08	1.29E-09	1.15E-10	8.83E-13	0.00E+00	0.00E+00	2.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	671689.8	4342926	2.53E-08	18YrCancer	2.32E-08	7.89E-10	7.02E-11	5.42E-13	0.00E+00	0.00E+00	1.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	671911.1	4342926	1.62E-08	18YrCancer	1.49E-08	4.98E-10	4.43E-11	3.49E-13	0.00E+00	0.00E+00	7.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	672132.4	4342926	1.12E-08	18YrCancer	1.03E-08	3.49E-10	3.11E-11	2.48E-13	0.00E+00	0.00E+00	5.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	672353.7	4342926	1.07E-08	18YrCancer	9.85E-09	3.38E-10	3.01E-11	2.45E-13	0.00E+00	0.00E+00	5.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	672575	4342926	9.74E-09	18YrCancer	8.96E-09	2.97E-10	2.64E-11	2.34E-13	0.00E+00	0.00E+00	4.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	668148.8	4343090	2.71E-08	18YrCancer	2.49E-08	8.58E-10	7.61E-11	1.20E-12	0.00E+00	0.00E+00	1.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	668370.1	4343090	3.52E-08	18YrCancer	3.23E-08	1.09E-09	9.66E-11	1.62E-12	0.00E+00	0.00E+00	1.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	668591.4	4343090	3.27E-08	18YrCancer	2.99E-08	1.03E-09	9.14E-11	1.45E-12	0.00E+00	0.00E+00	1.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	669476.7	4343090	4.86E-08	18YrCancer	4.45E-08	1.53E-09	1.36E-10	2.19E-12	0.00E+00	0.00E+00	2.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	669698	4343090	5.46E-08	18YrCancer	5.00E-08	1.75E-09	1.55E-10	2.42E-12	0.00E+00	0.00E+00	2.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	669919.3	4343090	6.26E-08	18YrCancer	5.71E-08	2.09E-09	1.86E-10	2.68E-12	0.00E+00	0.00E+00	3.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	670140.6	4343090	6.50E-08	18YrCancer	5.90E-08	2.27E-09	2.02E-10	2.57E-12	0.00E+00	0.00E+00	3.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	670361.9	4343090	1.40E-07	18YrCancer	1.29E-07	4.49E-09	3.98E-10	6.50E-12	0.00E+00	0.00E+00	6.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	670583.2	4343090	1.27E-07	18YrCancer	1.16E-07	4.13E-09	3.66E-10	5.63E-12	0.00E+00	0.00E+00	6.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	670804.5	4343090	8.31E-08	18YrCancer	7.54E-08	2.94E-09	2.61E-10	3.01E-12	0.00E+00	0.00E+00	4.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	671025.8	4343090	5.48E-08	18YrCancer	4.94E-08	2.03E-09	1.81E-10	1.61E-12	0.00E+00	0.00E+00	3.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	671247.1	4343090	4.61E-08	18YrCancer	4.18E-08	1.67E-09	1.48E-10	1.20E-12	0.00E+00	0.00E+00	2.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	671468.4	4343090	3.18E-08	18YrCancer	2.90E-08	1.08E-09	9.63E-11	7.47E-13	0.00E+00	0.00E+00	1.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	671689.8	4343090	2.14E-08	18YrCancer	1.96E-08	6.87E-10	6.11E-11	4.74E-13	0.00E+00	0.00E+00	1.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	671911.1	4343090	1.44E-08	18YrCancer	1.32E-08	4.50E-10	4.00E-11	3.16E-13	0.00E+00	0.00E+00	6.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	672132.4	4343090	1.03E-08	18YrCancer	9.45E-09	3.23E-10	2.87E-11	2.31E-13	0.00E+00	0.00E+00	4.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	672353.7	4343090	7.49E-09	18YrCancer	6.86E-09	2.40E-10	2.13E-11	1.74E-13	0.00E+00	0.00E+00	3.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	672575	4343090	7.06E-09	18YrCancer	6.46E-09	2.30E-10	2.05E-11	1.67E-13	0.00E+00	0.00E+00	3.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	668148.8	4343255	4.20E-08	18YrCancer	3.87E-08	1.27E-09	1.12E-10	2.01E-12	0.00E+00	0.00E+00	1.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	668370.1	4343255	8.89E-08	18YrCancer	8.22E-08	2.56E-09	2.27E-10	4.55E-12	0.00E+00	0.00E+00	3.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	668591.4	4343255	5.56E-08	18YrCancer	5.13E-08	1.65E-09	1.47E-10	2.72E-12	0.00E+00	0.00E+00	2.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	669476.7	4343255	7.96E-08	18YrCancer	7.33E-08	2.40E-09	2.13E-10	3.85E-12	0.00E+00	0.00E+00	3.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	669698	4343255	1.79E-07	18YrCancer	1.66E-07	5.20E-09	4.61E-10	9.19E-12	0.00E+00	0.00E+00	7.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	669919.3	4343255	1.82E-07	18YrCancer	1.68E-07	5.38E-09	4.77E-10	9.20E-12	0.00E+00	0.00E+00	8.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	670140.6	4343255	1.92E-07	18YrCancer	1.78E-07	5.76E-09	5.10E-10	9.62E-12	0.00E+00	0.00E+00	8.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	670361.9	4343255	1.22E-07	18YrCancer	1.12E-07	3.86E-09	3.42E-10	5.71E-12	0.00E+00	0.00E+00	5.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	670583.2	4343255	7.57E-08	18YrCancer	6.90E-08	2.57E-09	2.28E-10	3.07E-12	0.00E+00	0.00E+00	3.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	670804.5	4343255	6.28E-08	18YrCancer	5.68E-08	2.26E-09	2.01E-10	2.20E-12	0.00E+00	0.00E+00	3.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	671025.8	4343255	4.27E-08	18YrCancer	3.85E-08	1.58E-09	1.40E-10	1.23E-12	0.00E+00	0.00E+00	2.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	671247.1	4343255	3.54E-08	18YrCancer	3.21E-08	1.28E-09	1.14E-10	9.23E-13	0.00E+00	0.00E+00	1.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	671468.4	4343255	2.71E-08	18YrCancer	2.46E-08	9.36E-10	8.32E-11	6.50E-13	0.00E+00	0.00E+00	1.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	671689.8	4343255	1.84E-08	18YrCancer	1.68E-08	6.04E-10	5.38E-11	4.18E-13	0.00E+00	0.00E+00	9.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	671911.1	4343255	1.28E-08	18YrCancer	1.17E-08	4.07E-10	3.62E-11	2.85E-13	0.00E+00	0.00E+00	6.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	672132.4	4343255	9.34E-09	18YrCancer	8.57E-09	2.95E-10	2.63E-11	2.12E-13	0.00E+00	0.00E+00	4.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	672353.7	4343255	7.09E-09	18YrCancer	6.50E-09	2.27E-10	2.02E-11	1.65E-13	0.00E+00	0.00E+00	3.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	672575	4343255	5.36E-09	18YrCancer	4.90E-09	1.74E-10	1.55E-11	1.28E-13	0.00E+00	0.00E+00	2.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	668148.8	4343420	3.04E-08	18YrCancer	2.79E-08	9.39E-10	8.33E-11	1.38E-12	0.00E+00	0.00E+00	1.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	668370.1	4343420	9.46E-08	18YrCancer	8.76E-08	2.71E-09	2.41E-10	4.87E-12	0.00E+00	0.00E+00	4.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	668591.4	4343420	2.17E-07	18YrCancer	2.01E-07	6.09E-09	5.40E-10	1.15E-11	0.00E+00	0.00E+00	9.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	668812.7	4343420	2.11E-07	18YrCancer	1.96E-07	5.94E-09	5.26E-10	1.12E-11	0.00E+00	0.00E+00	8.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	669034	4343420	1.90E-07	18YrCancer	1.76E-07	5.39E-09	4.78E-10	1.00E-11	0.00E+00	0.00E+00	8.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	669255.3	4343420	1.05E-07	18YrCancer	9.72E-08	3.07E-09	2.72E-10	5.32E-12	0.00E+00	0.00E+00	4.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	669476.7	4343420	1.34E-07	18YrCancer	1.24E-07	3.90E-09	3.45E-10	6.82E-12	0.00E+00	0.00E+00	5.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	669698	4343420	8.24E-08	18YrCancer	7.57E-08	2.55E-09	2.26E-10	3.90E-12	0.00E+00	0.00E+00	3.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	669919.3	4343420	8.78E-08	18YrCancer	8.06E-08	2.75E-09	2.44E-10	4.11E-12	0.00E+00	0.00E+00	4.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	670140.6	4343420	7.35E-08	18YrCancer	6.73E-08	2.38E-09	2.11E-10	3.26E-12	0.00E+00	0.00E+00	3.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	670361.9	4343420	6.33E-08	18YrCancer	5.77E-08	2.13E-09	1.89E-10	2.63E-12	0.00E+00	0.00E+00	3.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	670583.2	4343420	5.41E-08	18YrCancer	4.92E-08	1.88E-09	1.67E-10	2.06E-12	0.00E+00	0.00E+00	2.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	670804.5	4343420	4.84E-08	18YrCancer	4.37E-08	1.76E-09	1.56E-10	1.62E-12	0.00E+00	0.00E+00	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	671025.8	4343420	3.89E-08	18YrCancer	3.52E-08	1.41E-09	1.25E-10	1.11E-12	0.00E+00	0.00E+00	2.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	671247.1	4343420	3.15E-08	18YrCancer	2.86E-08	1.13E-09	1.01E-10	8.27E-13	0.00E+00	0.00E+00	1.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	671468.4	4343420	2.24E-08	18YrCancer	2.03E-08	7.81E-10	6.95E-11	5.45E-13	0.00E+00	0.00E+00	1.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	671689.8	4343420	1.63E-08	18YrCancer	1.49E-08	5.45E-10	4.85E-11	3.78E-13	0.00E+00	0.00E+00	8.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	671911.1	4343420	1.15E-08	18YrCancer	1.05E-08	3.74E-10	3.33E-11	2.62E-13	0.00E+00	0.00E+00	5.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	672132.4	4343420	8.41E-09	18YrCancer	7.70E-09	2.69E-10	2.40E-11	1.92E-13	0.00E+00	0.00E+00	4.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	672353.7	4343420	6.37E-09	18YrCancer	5.83E-09	2.04E-10	1.82E-11	1.48E-13	0.00E+00	0.00E+00	3.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	672575	4343420	4.98E-09	18YrCancer	4.55E-09	1.62E-10	1.44E-11	1.19E-13	0.00E+00	0.00E+00	2.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	668148.8	4343585	1.99E-08	18YrCancer	1.82E-08	6.49E-10	5.76E-11	8.14E-13	0.00E+00	0.00E+00	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	668370.1	4343585	3.29E-08	18YrCancer	3.03E-08	1.01E-09	8.98E-11	1.51E-12	0.00E+00	0.00E+00	1.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	668591.4	4343585	5.50E-08	18YrCancer	5.08E-08	1.63E-09	1.44E-10	2.69E-12	0.00E+00	0.00E+00	2.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	668812.7	4343585	5.38E-08	18YrCancer	4.96E-08	1.61E-09	1.43E-10	2.59E-12	0.00E+00	0.00E+00	2.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	669034	4343585	5.72E-08	18YrCancer	5.27E-08	1.73E-09	1.54E-10	2.74E-12	0.00E+00	0.00E+00	2.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	669255.3	4343585	5.23E-08	18YrCancer	4.81E-08	1.63E-09	1.44E-10	2.42E-12	0.00E+00	0.00E+00	2.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	669476.7	4343585	5.45E-08	18YrCancer	5.00E-08	1.72E-09	1.53E-10	2.48E-12	0.00E+00	0.00E+00	2.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	669698	4343585	5.22E-08	18YrCancer	4.77E-08	1.69E-09	1.50E-10	2.30E-12	0.00E+00	0.00E+00	2.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	669919.3	4343585	5.09E-08	18YrCancer	4.65E-08	1.69E-09	1.50E-10	2.17E-12	0.00E+00	0.00E+00	2.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	670140.6	4343585	4.89E-08	18YrCancer	4.45E-08	1.66E-09	1.47E-10	2.00E-12	0.00E+00	0.00E+00	2.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	670361.9	4343585	4.55E-08	18YrCancer	4.14E-08	1.58E-09	1.40E-10	1.76E-12	0.00E+00	0.00E+00	2.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	670583.2	4343585	4.23E-08	18YrCancer	3.83E-08	1.49E-09	1.33E-10	1.53E-12	0.00E+00	0.00E+00	2.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	670804.5	4343585	3.95E-08	18YrCancer	3.58E-08	1.41E-09	1.25E-10	1.32E-12	0.00E+00	0.00E+00	2.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	671025.8	4343585	3.54E-08	18YrCancer	3.20E-08	1.27E-09	1.13E-10	1.07E-12	0.00E+00	0.00E+00	1.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	671247.1	4343585	2.65E-08	18YrCancer	2.40E-08	9.52E-10	8.47E-11	6.95E-13	0.00E+00	0.00E+00	1.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	671468.4	4343585	2.04E-08	18YrCancer	1.85E-08	7.16E-10	6.37E-11	5.03E-13	0.00E+00	0.00E+00	1.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	671689.8	4343585	1.56E-08	18YrCancer	1.42E-08	5.30E-10	4.72E-11	3.69E-13	0.00E+00	0.00E+00	8.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	671911.1	4343585	1.10E-08	18YrCancer	1.00E-08	3.63E-10	3.23E-11	2.53E-13	0.00E+00	0.00E+00	5.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	672132.4	4343585	8.13E-09	18YrCancer	7.43E-09	2.64E-10	2.35E-11	1.87E-13	0.00E+00	0.00E+00	4.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	672353.7	4343585	6.03E-09	18YrCancer	5.52E-09	1.95E-10	1.73E-11	1.41E-13	0.00E+00	0.00E+00	3.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	672575	4343585	4.76E-09	18YrCancer	4.35E-09	1.55E-10	1.38E-11	1.13E-13	0.00E+00	0.00E+00	2.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	668148.8	4343750	1.95E-08	18YrCancer	1.78E-08	6.33E-10	5.62E-11	7.96E-13	0.00E+00	0.00E+00	9.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	668370.1	4343750	2.34E-08	18YrCancer	2.14E-08	7.55E-10	6.70E-11	9.83E-13	0.00E+00	0.00E+00	1.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	668591.4	4343750	2.98E-08	18YrCancer	2.73E-08	9.42E-10	8.36E-11	1.31E-12	0.00E+00	0.00E+00	1.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

364	ALL	668812.7	4343750	3.49E-08	18YrCancer	3.21E-08	1.10E-09	9.74E-11	1.56E-12	0.00E+00	0.00E+00	1.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	669034	4343750	3.40E-08	18YrCancer	3.11E-08	1.11E-09	9.89E-11	1.45E-12	0.00E+00	0.00E+00	1.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	669255.3	4343750	3.60E-08	18YrCancer	3.29E-08	1.20E-09	1.06E-10	1.52E-12	0.00E+00	0.00E+00	1.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	669476.7	4343750	3.76E-08	18YrCancer	3.43E-08	1.26E-09	1.12E-10	1.57E-12	0.00E+00	0.00E+00	1.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	669698	4343750	3.85E-08	18YrCancer	3.51E-08	1.31E-09	1.16E-10	1.58E-12	0.00E+00	0.00E+00	2.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	669919.3	4343750	3.85E-08	18YrCancer	3.50E-08	1.33E-09	1.18E-10	1.53E-12	0.00E+00	0.00E+00	2.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	670140.6	4343750	3.75E-08	18YrCancer	3.41E-08	1.31E-09	1.17E-10	1.44E-12	0.00E+00	0.00E+00	2.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	670361.9	4343750	3.64E-08	18YrCancer	3.30E-08	1.29E-09	1.15E-10	1.33E-12	0.00E+00	0.00E+00	1.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	670583.2	4343750	3.43E-08	18YrCancer	3.11E-08	1.22E-09	1.08E-10	1.19E-12	0.00E+00	0.00E+00	1.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	670804.5	4343750	3.22E-08	18YrCancer	2.92E-08	1.14E-09	1.02E-10	1.06E-12	0.00E+00	0.00E+00	1.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	671025.8	4343750	2.99E-08	18YrCancer	2.71E-08	1.05E-09	9.35E-11	9.19E-13	0.00E+00	0.00E+00	1.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	671247.1	4343750	2.58E-08	18YrCancer	2.34E-08	8.94E-10	7.95E-11	7.07E-13	0.00E+00	0.00E+00	1.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	671468.4	4343750	2.17E-08	18YrCancer	1.98E-08	7.40E-10	6.58E-11	5.77E-13	0.00E+00	0.00E+00	1.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	671689.8	4343750	1.74E-08	18YrCancer	1.59E-08	5.88E-10	5.23E-11	4.54E-13	0.00E+00	0.00E+00	9.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	671911.1	4343750	1.24E-08	18YrCancer	1.13E-08	4.18E-10	3.72E-11	2.96E-13	0.00E+00	0.00E+00	6.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	672132.4	4343750	8.53E-09	18YrCancer	7.79E-09	2.81E-10	2.50E-11	1.98E-13	0.00E+00	0.00E+00	4.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	672353.7	4343750	5.99E-09	18YrCancer	5.47E-09	1.95E-10	1.74E-11	1.40E-13	0.00E+00	0.00E+00	3.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	672575	4343750	4.74E-09	18YrCancer	4.33E-09	1.54E-10	1.37E-11	1.13E-13	0.00E+00	0.00E+00	2.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	668148.8	4343915	1.90E-08	18YrCancer	1.74E-08	6.18E-10	5.49E-11	7.74E-13	0.00E+00	0.00E+00	9.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	668370.1	4343915	2.09E-08	18YrCancer	1.91E-08	6.89E-10	6.11E-11	8.49E-13	0.00E+00	0.00E+00	1.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	668591.4	4343915	2.33E-08	18YrCancer	2.12E-08	7.75E-10	6.88E-11	9.41E-13	0.00E+00	0.00E+00	1.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	668812.7	4343915	2.64E-08	18YrCancer	2.41E-08	8.77E-10	7.79E-11	1.08E-12	0.00E+00	0.00E+00	1.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	669034	4343915	2.80E-08	18YrCancer	2.55E-08	9.58E-10	8.51E-11	1.12E-12	0.00E+00	0.00E+00	1.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	669255.3	4343915	2.94E-08	18YrCancer	2.67E-08	1.03E-09	9.11E-11	1.15E-12	0.00E+00	0.00E+00	1.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	669476.7	4343915	3.02E-08	18YrCancer	2.74E-08	1.06E-09	9.40E-11	1.17E-12	0.00E+00	0.00E+00	1.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	669698	4343915	3.07E-08	18YrCancer	2.79E-08	1.08E-09	9.57E-11	1.17E-12	0.00E+00	0.00E+00	1.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	669919.3	4343915	3.12E-08	18YrCancer	2.83E-08	1.10E-09	9.77E-11	1.17E-12	0.00E+00	0.00E+00	1.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	670140.6	4343915	3.07E-08	18YrCancer	2.78E-08	1.10E-09	9.74E-11	1.12E-12	0.00E+00	0.00E+00	1.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	670361.9	4343915	2.99E-08	18YrCancer	2.71E-08	1.07E-09	9.52E-11	1.05E-12	0.00E+00	0.00E+00	1.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	670583.2	4343915	2.88E-08	18YrCancer	2.61E-08	1.03E-09	9.19E-11	9.69E-13	0.00E+00	0.00E+00	1.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	670804.5	4343915	2.74E-08	18YrCancer	2.48E-08	9.78E-10	8.69E-11	8.76E-13	0.00E+00	0.00E+00	1.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	671025.8	4343915	2.56E-08	18YrCancer	2.32E-08	9.07E-10	8.07E-11	7.72E-13	0.00E+00	0.00E+00	1.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	671247.1	4343915	2.30E-08	18YrCancer	2.09E-08	7.90E-10	7.02E-11	6.65E-13	0.00E+00	0.00E+00	1.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	671468.4	4343915	1.86E-08	18YrCancer	1.69E-08	6.42E-10	5.71E-11	4.97E-13	0.00E+00	0.00E+00	9.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	671689.8	4343915	1.44E-08	18YrCancer	1.31E-08	4.92E-10	4.38E-11	3.57E-13	0.00E+00	0.00E+00	7.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	671911.1	4343915	1.11E-08	18YrCancer	1.01E-08	3.79E-10	3.37E-11	2.67E-13	0.00E+00	0.00E+00	5.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	672132.4	4343915	8.90E-09	18YrCancer	8.12E-09	2.98E-10	2.65E-11	2.10E-13	0.00E+00	0.00E+00	4.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	672353.7	4343915	6.69E-09	18YrCancer	6.12E-09	2.20E-10	1.96E-11	1.57E-13	0.00E+00	0.00E+00	3.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	672575	4343915	5.09E-09	18YrCancer	4.65E-09	1.67E-10	1.48E-11	1.21E-13	0.00E+00	0.00E+00	2.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	668148.8	4344080	1.68E-08	18YrCancer	1.53E-08	5.61E-10	4.98E-11	6.50E-13	0.00E+00	0.00E+00	8.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	668370.1	4344080	1.92E-08	18YrCancer	1.75E-08	6.43E-10	5.71E-11	7.58E-13	0.00E+00	0.00E+00	9.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	668591.4	4344080	2.09E-08	18YrCancer	1.91E-08	7.13E-10	6.34E-11	8.16E-13	0.00E+00	0.00E+00	1.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	668812.7	4344080	2.27E-08	18YrCancer	2.06E-08	7.88E-10	7.00E-11	8.71E-13	0.00E+00	0.00E+00	1.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	669034	4344080	2.43E-08	18YrCancer	2.21E-08	8.61E-10	7.65E-11	9.15E-13	0.00E+00	0.00E+00	1.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	669255.3	4344080	2.54E-08	18YrCancer	2.30E-08	9.16E-10	8.14E-11	9.36E-13	0.00E+00	0.00E+00	1.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	669476.7	4344080	2.57E-08	18YrCancer	2.33E-08	9.18E-10	8.15E-11	9.47E-13	0.00E+00	0.00E+00	1.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	669698	4344080	2.60E-08	18YrCancer	2.35E-08	9.31E-10	8.27E-11	9.45E-13	0.00E+00	0.00E+00	1.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	669919.3	4344080	2.60E-08	18YrCancer	2.36E-08	9.40E-10	8.36E-11	9.30E-13	0.00E+00	0.00E+00	1.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	670140.6	4344080	2.62E-08	18YrCancer	2.36E-08	9.61E-10	8.55E-11	8.99E-13	0.00E+00	0.00E+00	1.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	670361.9	4344080	2.53E-08	18YrCancer	2.29E-08	9.12E-10	8.11E-11	8.62E-13	0.00E+00	0.00E+00	1.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	670583.2	4344080	2.46E-08	18YrCancer	2.23E-08	8.87E-10	7.88E-11	8.06E-13	0.00E+00	0.00E+00	1.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	670804.5	4344080	2.37E-08	18YrCancer	2.14E-08	8.55E-10	7.60E-11	7.35E-13	0.00E+00	0.00E+00	1.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	671025.8	4344080	2.04E-08	18YrCancer	1.85E-08	7.35E-10	6.54E-11	5.81E-13	0.00E+00	0.00E+00	1.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	671247.1	4344080	2.00E-08	18YrCancer	1.82E-08	6.93E-10	6.17E-11	5.70E-13	0.00E+00	0.00E+00	1.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	671468.4	4344080	1.76E-08	18YrCancer	1.60E-08	5.96E-10	5.30E-11	4.72E-13	0.00E+00	0.00E+00	9.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	671689.8	4344080	1.23E-08	18YrCancer	1.12E-08	4.26E-10	3.79E-11	3.03E-13	0.00E+00	0.00E+00	6.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	671911.1	4344080	9.07E-09	18YrCancer	8.25E-09	3.11E-10	2.77E-11	2.16E-13	0.00E+00	0.00E+00	4.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	672132.4	4344080	6.97E-09	18YrCancer	6.35E-09	2.35E-10	2.09E-11	1.64E-13	0.00E+00	0.00E+00	3.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	672353.7	4344080	5.69E-09	18YrCancer	5.19E-09	1.89E-10	1.68E-11	1.34E-13	0.00E+00	0.00E+00	2.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	672575	4344080	4.49E-09	18YrCancer	4.10E-09	1.48E-10	1.32E-11	1.06E-13	0.00E+00	0.00E+00	2.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	671464.7	4342094	1.71E-07	18YrCancer	1.61E-07	3.54E-09	3.15E-10	2.05E-12	0.00E+00	0.00E+00	5.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	671482.2	4342064	1.71E-07	18YrCancer	1.62E-07	3.33E-09	2.97E-10	1.92E-12	0.00E+00	0.00E+00	5.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	671498.6	4342030	1.72E-07	18YrCancer	1.64E-07	3.07E-09	2.73E-10	1.77E-12	0.00E+00	0.00E+00	4.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	671513.8	4341992	1.77E-07	18YrCancer	1.69E-07	2.73E-09	2.43E-10	1.58E-12	0.00E+00	0.00E+00	4.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	671541.8	4341965	1.60E-07	18YrCancer	1.54E-07	2.31E-09	2.06E-10	1.36E-12	0.00E+00	0.00E+00	3.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	671575.6	4341974	1.26E-07	18YrCancer	1.20E-07	2.05E-09	1.83E-10	1.20E-12	0.00E+00	0.00E+00	3.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	671460.8	4342163	1.45E-07	18YrCancer	1.37E-07	3.35E-09	2.98E-10	1.98E-12	0.00E+00	0.00E+00	5.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	671451	4342187	1.44E-07	18YrCancer	1.35E-07	3.37E-09	3.00E-10	2.02E-12	0.00E+00	0.00E+00	5.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	671510.7	4342220	1.08E-07	18YrCancer	1.01E-07	2.60E-09	2.32E-10	1.60E-12	0.00E+00	0.00E+00	4.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	671524.1	4342193	1.06E-07	18YrCancer	9.92E-08	2.56E-09	2.27E-10	1.55E-12	0.00E+00	0.00E+00	4.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	671522.9	4342251	9.88E-08	18YrCancer	9.23E-08	2.43E-09	2.16E-10	1.52E-12	0.00E+00	0.00E+00	3.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	671599.1	4342253	7.63E-08	18YrCancer	7.12E-08	1.93E-09	1.72E-10	1.21E-12	0.00E+00	0.00E+00	3.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	671627.8	4342257	6.97E-08	18YrCancer	6.50E-08	1.78E-09	1.59E-10	1.13E-12	0.00E+00	0.00E+00	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	671583.9	4342116	9.00E-08	18YrCancer	8.44E-08	2.12E-09	1.89E-10	1.25E-12	0.00E+00	0.00E+00	3.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	671595.5	4342072	9.15E-08	18YrCancer	8.61E-08	2.06E-09	1.83E-10	1.20E-12	0.00E+00	0.00E+00	3.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	671663.1	4342056	7.66E-08	18YrCancer	7.20E-08	1.72E-09	1.53E-10	1.02E-12	0.00E+00	0.00E+00	2.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	671600.9	4342030	9.88E-08	18YrCancer	9.34E-08	2.02E-09	1.80E-10	1.18E-12	0.00E+00	0.00E+00	3.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	671526.6	4342156	1.09E-07	18YrCancer	1.02E-07	2.55E-09	2.27E-10	1.52E-12	0.00E+00	0.00E+00	4.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	671629	4342292	6.67E-08	18YrCancer	6.21E-08	1.72E-09	1.53E-10	1.10E-12	0.00E+00	0.00E+00	2.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	671641.8	4341981	9.16E-08	18YrCancer	8.71E-08	1.71E-09	1.52E-10	1.01E-12	0.00E+00	0.00E+00	2.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	671666.8	4342019	7.98E-08	18YrCancer	7.54E-08	1.68E-09	1.49E-10	9.92E-13	0.00E+00	0.00E+00	2.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	671407.1	4342220	1.69E-07	18YrCancer	1.58E-07	4.04E-09	3.59E-10	2.47E-12	0.00E+00	0.00E+00	6.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	671415.6	4342183	1.77E-07	18YrCancer	1.66E-07	4.07E-09	3.62E-10	2.44E-12	0.00E+00	0.00E+00	6.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	671635.1	4341706	1.45E-07	18YrCancer	1.42E-07	1.04E-09	9.25E-11	7.16E-13	0.00E+00	0.00E+00	1.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	671693.6	4341710	1.04E-07	18YrCancer	1.01E-07	9.67E-10	8.60E-11	6.71E-13	0.00E+00	0.00E+00	1.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	671719.8	4341736	9.30E-08	18YrCancer	9.04E-08	9.89E-10	8.80E-11	6.82E-13	0.00E+00	0.00E+00	1.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	671673.5	4341630	1.31E-07	18YrCancer	1.28E-07	9.57E-10	8.51E-11	6.72E-13	0.00E+00	0.00E+00	1.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	671888	4341936	4.40E-08	18YrCancer	4.14E-08	9.66E-10	8.59E-11	6.28E-13	0.00E+00	0.00E+00	1.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	671977.6	4341952	3.28E-08	18YrCancer	3.07E-08	7.90E-10	7.03E-11	4.98E-13	0.00E+00	0.00E+00	1.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	672039.2	4341895	2.62E-08	18YrCancer	2.46E-08	6.30E-10	5.61E-11	3.92E-13	0.00E+00	0.00E+00	9.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	671858.2	4341754	6.08E-08	18YrCancer	5.85E-08	8.48E-10	7.54E-11	5.91E-13	0.00E+00	0.00E+00	1.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

455	ALL	671922.8	4341634	3.24E-08	18YrCancer	3.08E-08	5.88E-10	5.23E-11	4.12E-13	0.00E+00	0.00E+00	9.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	671613.7	4341791	1.48E-07	18YrCancer	1.44E-07	1.25E-09	1.11E-10	8.15E-13	0.00E+00	0.00E+00	1.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	671853.3	4341731	6.13E-08	18YrCancer	5.91E-08	8.19E-10	7.29E-11	5.73E-13	0.00E+00	0.00E+00	1.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	671783.8	4341586	6.75E-08	18YrCancer	6.55E-08	7.55E-10	6.71E-11	5.42E-13	0.00E+00	0.00E+00	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	671783.2	4341547	6.13E-08	18YrCancer	5.94E-08	7.11E-10	6.32E-11	5.13E-13	0.00E+00	0.00E+00	1.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	671769.2	4341461	5.03E-08	18YrCancer	4.86E-08	6.46E-10	5.75E-11	4.68E-13	0.00E+00	0.00E+00	1.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	671800.9	4341421	4.01E-08	18YrCancer	3.86E-08	5.63E-10	5.01E-11	4.12E-13	0.00E+00	0.00E+00	8.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	671880.1	4341427	2.37E-08	18YrCancer	2.24E-08	4.57E-10	4.07E-11	3.31E-13	0.00E+00	0.00E+00	7.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	672012.4	4341505	1.60E-08	18YrCancer	1.51E-08	3.61E-10	3.21E-11	2.38E-13	0.00E+00	0.00E+00	5.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	672084.3	4341548	1.65E-08	18YrCancer	1.55E-08	3.80E-10	3.38E-11	2.47E-13	0.00E+00	0.00E+00	5.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	671915.5	4341478	2.26E-08	18YrCancer	2.14E-08	4.45E-10	3.96E-11	3.17E-13	0.00E+00	0.00E+00	6.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	671903.3	4341564	2.98E-08	18YrCancer	2.84E-08	5.32E-10	4.74E-11	3.80E-13	0.00E+00	0.00E+00	8.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	671863.1	4341522	3.28E-08	18YrCancer	3.13E-08	5.46E-10	4.86E-11	3.99E-13	0.00E+00	0.00E+00	8.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	671830.1	4341336	2.72E-08	18YrCancer	2.59E-08	4.77E-10	4.25E-11	3.51E-13	0.00E+00	0.00E+00	7.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	671835.6	4341288	2.30E-08	18YrCancer	2.18E-08	4.47E-10	3.97E-11	3.30E-13	0.00E+00	0.00E+00	7.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	671825.9	4341275	2.28E-08	18YrCancer	2.16E-08	4.45E-10	3.96E-11	3.29E-13	0.00E+00	0.00E+00	7.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	672136.7	4341371	9.03E-09	18YrCancer	8.41E-09	2.35E-10	2.09E-11	1.55E-13	0.00E+00	0.00E+00	3.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	671920.3	4341307	1.67E-08	18YrCancer	1.58E-08	3.69E-10	3.29E-11	2.59E-13	0.00E+00	0.00E+00	5.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	671695.4	4341257	2.17E-08	18YrCancer	2.05E-08	4.48E-10	3.99E-11	3.17E-13	0.00E+00	0.00E+00	7.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	671682	4341176	1.72E-08	18YrCancer	1.61E-08	3.88E-10	3.46E-11	2.64E-13	0.00E+00	0.00E+00	6.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	671991.7	4341196	1.34E-08	18YrCancer	1.26E-08	3.15E-10	2.80E-11	2.22E-13	0.00E+00	0.00E+00	4.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	672022.1	4341232	1.25E-08	18YrCancer	1.17E-08	3.00E-10	2.67E-11	2.09E-13	0.00E+00	0.00E+00	4.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	671992.3	4341178	1.24E-08	18YrCancer	1.16E-08	3.00E-10	2.67E-11	2.07E-13	0.00E+00	0.00E+00	4.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	671540.6	4341238	1.78E-08	18YrCancer	1.67E-08	4.09E-10	3.64E-11	2.65E-13	0.00E+00	0.00E+00	6.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	671575.3	4341178	1.42E-08	18YrCancer	1.33E-08	3.58E-10	3.19E-11	2.30E-13	0.00E+00	0.00E+00	5.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	671454.7	4341196	1.79E-08	18YrCancer	1.68E-08	4.40E-10	3.91E-11	2.80E-13	0.00E+00	0.00E+00	6.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	671523.5	4341116	1.30E-08	18YrCancer	1.21E-08	3.44E-10	3.06E-11	2.19E-13	0.00E+00	0.00E+00	5.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	671413.2	4341127	1.63E-08	18YrCancer	1.51E-08	4.43E-10	3.94E-11	2.78E-13	0.00E+00	0.00E+00	6.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	671471.1	4341065	1.26E-08	18YrCancer	1.17E-08	3.52E-10	3.14E-11	2.23E-13	0.00E+00	0.00E+00	5.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	671601.6	4341051	1.33E-08	18YrCancer	1.25E-08	3.30E-10	2.94E-11	2.19E-13	0.00E+00	0.00E+00	5.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	671198.6	4341254	2.36E-08	18YrCancer	2.20E-08	6.03E-10	5.37E-11	3.69E-13	0.00E+00	0.00E+00	9.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	671278.5	4341212	2.19E-08	18YrCancer	2.04E-08	5.74E-10	5.10E-11	3.55E-13	0.00E+00	0.00E+00	8.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	671230.3	4341133	1.71E-08	18YrCancer	1.58E-08	4.88E-10	4.34E-11	3.01E-13	0.00E+00	0.00E+00	7.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	671073.1	4341272	2.57E-08	18YrCancer	2.40E-08	6.59E-10	5.87E-11	4.00E-13	0.00E+00	0.00E+00	1.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	671122.5	4341374	3.70E-08	18YrCancer	3.49E-08	8.14E-10	7.25E-11	4.96E-13	0.00E+00	0.00E+00	1.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	671118.8	4341397	4.05E-08	18YrCancer	3.83E-08	8.57E-10	7.63E-11	5.24E-13	0.00E+00	0.00E+00	1.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	670978.4	4341324	3.37E-08	18YrCancer	3.15E-08	8.46E-10	7.53E-11	5.06E-13	0.00E+00	0.00E+00	1.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	670932.9	4341394	4.57E-08	18YrCancer	4.28E-08	1.10E-09	9.80E-11	6.51E-13	0.00E+00	0.00E+00	1.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	670935.2	4341367	4.21E-08	18YrCancer	3.94E-08	1.02E-09	9.11E-11	6.07E-13	0.00E+00	0.00E+00	1.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	671108	4340976	1.53E-08	18YrCancer	1.41E-08	4.60E-10	4.09E-11	2.86E-13	0.00E+00	0.00E+00	7.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL	671286.7	4340979	1.27E-08	18YrCancer	1.17E-08	3.85E-10	3.43E-11	2.40E-13	0.00E+00	0.00E+00	5.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	671675.4	4342489	4.26E-08	18YrCancer	3.95E-08	1.20E-09	1.07E-10	8.00E-13	0.00E+00	0.00E+00	1.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	671091.4	4342277	4.99E-07	18YrCancer	4.51E-07	1.73E-08	1.54E-09	1.61E-11	0.00E+00	0.00E+00	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	671051.8	4342332	3.63E-07	18YrCancer	3.27E-07	1.32E-08	1.18E-09	1.16E-11	0.00E+00	0.00E+00	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	671051.8	4342369	3.80E-07	18YrCancer	3.44E-07	1.34E-08	1.19E-09	1.33E-11	0.00E+00	0.00E+00	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	670953	4342361	2.35E-07	18YrCancer	2.11E-07	8.62E-09	7.67E-10	7.14E-12	0.00E+00	0.00E+00	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	670695.7	4342236	8.97E-08	18YrCancer	7.99E-08	3.28E-09	2.92E-10	2.53E-12	0.00E+00	0.00E+00	6.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	670545.5	4342319	6.37E-08	18YrCancer	5.70E-08	2.33E-09	2.07E-10	1.91E-12	0.00E+00	0.00E+00	4.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	670711.7	4342488	1.11E-07	18YrCancer	9.99E-08	3.99E-09	3.55E-10	3.35E-12	0.00E+00	0.00E+00	6.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	670648.3	4342502	9.40E-08	18YrCancer	8.47E-08	3.40E-09	3.02E-10	2.81E-12	0.00E+00	0.00E+00	5.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	670648.3	4342631	9.14E-08	18YrCancer	8.21E-08	3.51E-09	3.13E-10	2.71E-12	0.00E+00	0.00E+00	5.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	670806.3	4342728	1.69E-07	18YrCancer	1.54E-07	5.73E-09	5.09E-10	6.70E-12	0.00E+00	0.00E+00	8.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	670688.2	4342739	9.24E-08	18YrCancer	8.31E-08	3.53E-09	3.14E-10	2.92E-12	0.00E+00	0.00E+00	5.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	670804.9	4342428	1.42E-07	18YrCancer	1.27E-07	5.25E-09	4.67E-10	4.36E-12	0.00E+00	0.00E+00	8.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	670439.5	4342472	5.89E-08	18YrCancer	5.27E-08	2.20E-09	1.96E-10	1.89E-12	0.00E+00	0.00E+00	3.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	670358.4	4342579	5.62E-08	18YrCancer	5.03E-08	2.13E-09	1.89E-10	1.87E-12	0.00E+00	0.00E+00	3.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	670546.6	4342662	8.47E-08	18YrCancer	7.65E-08	3.06E-09	2.72E-10	2.69E-12	0.00E+00	0.00E+00	4.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	670537	4342595	7.85E-08	18YrCancer	7.08E-08	2.83E-09	2.52E-10	2.41E-12	0.00E+00	0.00E+00	4.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	670483.5	4342777	8.14E-08	18YrCancer	7.37E-08	2.90E-09	2.58E-10	2.72E-12	0.00E+00	0.00E+00	4.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	670508.2	4342755	8.39E-08	18YrCancer	7.59E-08	3.00E-09	2.67E-10	2.78E-12	0.00E+00	0.00E+00	4.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	670517.8	4342869	9.00E-08	18YrCancer	8.16E-08	3.15E-09	2.80E-10	3.21E-12	0.00E+00	0.00E+00	4.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	670545.3	4342851	8.98E-08	18YrCancer	8.14E-08	3.18E-09	2.82E-10	3.14E-12	0.00E+00	0.00E+00	4.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	670582.4	4342878	1.04E-07	18YrCancer	9.41E-08	3.57E-09	3.17E-10	3.87E-12	0.00E+00	0.00E+00	5.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	670304.9	4342689	5.55E-08	18YrCancer	4.99E-08	2.05E-09	1.82E-10	1.88E-12	0.00E+00	0.00E+00	3.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	670039.7	4342661	3.82E-08	18YrCancer	3.44E-08	1.36E-09	1.21E-10	1.36E-12	0.00E+00	0.00E+00	2.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	670156.5	4342673	4.60E-08	18YrCancer	4.13E-08	1.70E-09	1.51E-10	1.62E-12	0.00E+00	0.00E+00	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	670236.2	4342649	4.99E-08	18YrCancer	4.47E-08	1.89E-09	1.68E-10	1.71E-12	0.00E+00	0.00E+00	3.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	670071.3	4342738	4.48E-08	18YrCancer	4.03E-08	1.66E-09	1.47E-10	1.62E-12	0.00E+00	0.00E+00	2.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	669990.2	4342753	4.03E-08	18YrCancer	3.63E-08	1.47E-09	1.30E-10	1.47E-12	0.00E+00	0.00E+00	2.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	669928.4	4342742	3.69E-08	18YrCancer	3.33E-08	1.32E-09	1.17E-10	1.35E-12	0.00E+00	0.00E+00	2.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	669815.8	4342673	3.15E-08	18YrCancer	2.84E-08	1.12E-09	9.96E-11	1.14E-12	0.00E+00	0.00E+00	1.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	669743	4342656	2.95E-08	18YrCancer	2.66E-08	1.06E-09	9.41E-11	1.06E-12	0.00E+00	0.00E+00	1.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	669791	4342745	3.27E-08	18YrCancer	2.95E-08	1.18E-09	1.05E-10	1.20E-12	0.00E+00	0.00E+00	1.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	669696.3	4342731	3.02E-08	18YrCancer	2.72E-08	1.09E-09	9.70E-11	1.10E-12	0.00E+00	0.00E+00	1.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	669536.9	4342553	2.51E-08	18YrCancer	2.27E-08	8.85E-10	7.87E-11	9.26E-13	0.00E+00	0.00E+00	1.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	671174.9	4342280	4.96E-07	18YrCancer	4.53E-07	1.57E-08	1.40E-09	1.50E-11	0.00E+00	0.00E+00	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	671068.4	4342170	5.62E-07	18YrCancer	5.13E-07	1.21E-08	1.08E-09	1.35E-11	0.00E+00	0.00E+00	3.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	670965.7	4342179	2.66E-07	18YrCancer	2.40E-07	7.48E-09	6.66E-10	6.67E-12	0.00E+00	0.00E+00	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	670815.5	4342198	1.21E-07	18YrCancer	1.09E-07	4.04E-09	3.60E-10	3.19E-12	0.00E+00	0.00E+00	8.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	670737.6	4342098	8.89E-08	18YrCancer	7.97E-08	3.06E-09	2.73E-10	2.31E-12	0.00E+00	0.00E+00	5.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	670762.3	4342069	9.62E-08	18YrCancer	8.62E-08	3.30E-09	2.93E-10	2.44E-12	0.00E+00	0.00E+00	6.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	670817.4	4342041	1.17E-07	18YrCancer	1.05E-07	3.92E-09	3.49E-10	2.82E-12	0.00E+00	0.00E+00	7.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	670895.4	4342025	1.55E-07	18YrCancer	1.39E-07	4.82E-09	4.29E-10	3.46E-12	0.00E+00	0.00E+00	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	670979	4341915	1.91E-07	18YrCancer	1.70E-07	6.53E-09	5.81E-10	4.05E-12	0.00E+00	0.00E+00	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	671115.9	4341864	2.58E-07	18YrCancer	2.38E-07	7.30E-09	6.50E-10	4.31E-12	0.00E+00	0.00E+00	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	671199.6	4341771	2.23E-07	18YrCancer	2.11E-07	4.32E-09	3.84E-10	2.61E-12	0.00E+00	0.00E+00	6.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	671222.4	4341377	4.36E-08	18YrCancer	4.14E-08	8.33E-10	7.41E-11	5.20E-13	0.00E+00	0.00E+00	1.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	671714.8	4341392	4.52E-08	18YrCancer	4.36E-08	6.02E-10	5.36E-11	4.38E-13	0.00E+00	0.00E+00	9.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	671366.9	4341999	7.44E-07	18YrCancer	7.21E-07	8.82E-09	7.85E-10	4.99E-12	0.00E+00	0.00E+00	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	671226.2	4342236	4.45E-07	18YrCancer	4.11E-07	1.28E-08	1.13E-09	9.99E-12	0.00E+00	0.00E+00	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	669098.4	4343412	1.66E-07	18YrCancer	1.54E-07	4.72E-09	4.18E-10	8.66E-12	0.00E+00	0.00E+00	7.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

546	ALL	668908.6	4343365	2.31E-07	18YrCancer	2.14E-07	6.51E-09	5.77E-10	1.23E-11	0.00E+00	0.00E+00	9.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	668851.5	4343360	2.08E-07	18YrCancer	1.93E-07	5.86E-09	5.19E-10	1.10E-11	0.00E+00	0.00E+00	8.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	668831.4	4343371	2.36E-07	18YrCancer	2.19E-07	6.63E-09	5.87E-10	1.25E-11	0.00E+00	0.00E+00	9.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	668733.9	4343302	9.42E-08	18YrCancer	8.71E-08	2.72E-09	2.41E-10	4.81E-12	0.00E+00	0.00E+00	4.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	668686.9	4343200	4.99E-08	18YrCancer	4.59E-08	1.50E-09	1.33E-10	2.39E-12	0.00E+00	0.00E+00	2.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	668671.8	4343089	3.64E-08	18YrCancer	3.34E-08	1.14E-09	1.01E-10	1.65E-12	0.00E+00	0.00E+00	1.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	668806.2	4343002	3.26E-08	18YrCancer	2.98E-08	1.04E-09	9.25E-11	1.43E-12	0.00E+00	0.00E+00	1.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	668918.7	4343025	3.47E-08	18YrCancer	3.18E-08	1.11E-09	9.82E-11	1.54E-12	0.00E+00	0.00E+00	1.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	669024.5	4342943	3.10E-08	18YrCancer	2.83E-08	1.02E-09	9.01E-11	1.32E-12	0.00E+00	0.00E+00	1.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	669288.2	4342916	3.12E-08	18YrCancer	2.84E-08	1.03E-09	9.18E-11	1.29E-12	0.00E+00	0.00E+00	1.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	669333.6	4342923	3.19E-08	18YrCancer	2.91E-08	1.06E-09	9.39E-11	1.32E-12	0.00E+00	0.00E+00	1.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	669365.5	4342978	3.58E-08	18YrCancer	3.27E-08	1.16E-09	1.03E-10	1.53E-12	0.00E+00	0.00E+00	1.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	669337	4343151	6.58E-08	18YrCancer	6.06E-08	1.99E-09	1.76E-10	3.17E-12	0.00E+00	0.00E+00	3.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL	669303.4	4343304	1.84E-07	18YrCancer	1.71E-07	5.26E-09	4.66E-10	9.63E-12	0.00E+00	0.00E+00	7.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL	669222.7	4343235	1.57E-07	18YrCancer	1.46E-07	4.50E-09	3.99E-10	8.19E-12	0.00E+00	0.00E+00	6.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	669135.4	4343306	2.00E-07	18YrCancer	1.85E-07	5.67E-09	5.02E-10	1.05E-11	0.00E+00	0.00E+00	8.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEV	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		668148.8	4340781	NonCancer	3.68E-06	1.24E-05	3.17E-05	0.00E+00	0.00E+00	1.41E-05	1.43E-05	0.00E+00	4.59E-07	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	3.17E-05
2	ALL		668370.1	4340781	NonCancer	3.89E-06	1.17E-05	2.80E-05	0.00E+00	0.00E+00	1.36E-05	1.70E-05	0.00E+00	4.00E-07	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	2.80E-05
3	ALL		668591.4	4340781	NonCancer	4.08E-06	1.15E-05	2.63E-05	0.00E+00	0.00E+00	1.36E-05	1.97E-05	0.00E+00	3.71E-07	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	2.63E-05
4	ALL		668812.7	4340781	NonCancer	4.35E-06	1.24E-05	2.87E-05	0.00E+00	0.00E+00	1.47E-05	2.20E-05	0.00E+00	4.06E-07	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	2.87E-05
5	ALL		669034	4340781	NonCancer	4.68E-06	1.23E-05	2.67E-05	0.00E+00	0.00E+00	1.49E-05	2.54E-05	0.00E+00	3.72E-07	0.00E+00	0.00E+00	2.63E-06	0.00E+00	0.00E+00	2.67E-05
6	ALL		669255.3	4340781	NonCancer	5.13E-06	1.27E-05	2.60E-05	0.00E+00	0.00E+00	1.56E-05	2.99E-05	0.00E+00	3.57E-07	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	2.99E-05
7	ALL		669476.7	4340781	NonCancer	5.17E-06	1.31E-05	2.77E-05	0.00E+00	0.00E+00	1.63E-05	3.16E-05	0.00E+00	3.79E-07	0.00E+00	0.00E+00	3.25E-06	0.00E+00	0.00E+00	3.16E-05
8	ALL		669698	4340781	NonCancer	5.83E-06	1.37E-05	2.66E-05	0.00E+00	0.00E+00	1.69E-05	3.40E-05	0.00E+00	3.62E-07	0.00E+00	0.00E+00	3.20E-06	0.00E+00	0.00E+00	3.40E-05
9	ALL		669919.3	4340781	NonCancer	8.51E-06	1.90E-05	4.77E-05	0.00E+00	0.00E+00	3.70E-05	3.18E-05	0.00E+00	5.03E-07	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	4.77E-05
10	ALL		670140.6	4340781	NonCancer	9.26E-06	2.19E-05	6.09E-05	0.00E+00	0.00E+00	4.58E-05	2.77E-05	0.00E+00	6.33E-07	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	6.09E-05
11	ALL		670361.9	4340781	NonCancer	9.91E-06	2.58E-05	7.39E-05	0.00E+00	0.00E+00	5.01E-05	2.07E-05	0.00E+00	8.25E-07	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	7.39E-05
12	ALL		670583.2	4340781	NonCancer	8.01E-06	2.31E-05	6.78E-05	0.00E+00	0.00E+00	4.15E-05	1.63E-05	0.00E+00	8.05E-07	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	6.78E-05
13	ALL		670804.5	4340781	NonCancer	8.05E-06	2.42E-05	7.14E-05	0.00E+00	0.00E+00	4.21E-05	1.44E-05	0.00E+00	8.65E-07	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	7.14E-05
14	ALL		671025.8	4340781	NonCancer	6.63E-06	2.16E-05	6.70E-05	0.00E+00	0.00E+00	3.76E-05	1.24E-05	0.00E+00	8.23E-07	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	6.70E-05
15	ALL		671247.1	4340781	NonCancer	5.80E-06	1.95E-05	6.04E-05	0.00E+00	0.00E+00	3.27E-05	1.01E-05	0.00E+00	7.56E-07	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	6.04E-05
16	ALL		671468.4	4340781	NonCancer	6.89E-06	2.49E-05	7.72E-05	0.00E+00	0.00E+00	3.88E-05	9.94E-06	0.00E+00	1.00E-06	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	7.72E-05
17	ALL		671689.8	4340781	NonCancer	8.86E-06	3.11E-05	9.40E-05	0.00E+00	0.00E+00	4.76E-05	7.60E-06	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	9.40E-05
18	ALL		671911.1	4340781	NonCancer	8.21E-06	3.06E-05	9.37E-05	0.00E+00	0.00E+00	4.53E-05	7.21E-06	0.00E+00	1.24E-06	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	9.37E-05
19	ALL		672132.4	4340781	NonCancer	5.60E-06	2.11E-05	6.50E-05	0.00E+00	0.00E+00	3.10E-05	5.48E-06	0.00E+00	8.65E-07	0.00E+00	0.00E+00	9.90E-06	0.00E+00	0.00E+00	6.50E-05
20	ALL		672353.7	4340781	NonCancer	8.98E-06	3.22E-05	9.69E-05	0.00E+00	0.00E+00	4.78E-05	5.92E-06	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	9.69E-05
21	ALL		672575	4340781	NonCancer	9.86E-06	2.85E-05	8.12E-05	0.00E+00	0.00E+00	4.88E-05	4.72E-06	0.00E+00	9.85E-07	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	8.12E-05
22	ALL		668148.8	4340946	NonCancer	3.51E-06	1.16E-05	2.94E-05	0.00E+00	0.00E+00	1.33E-05	1.25E-05	0.00E+00	4.25E-07	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	2.94E-05
23	ALL		668370.1	4340946	NonCancer	3.95E-06	1.28E-05	3.24E-05	0.00E+00	0.00E+00	1.48E-05	1.49E-05	0.00E+00	4.67E-07	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	3.24E-05
24	ALL		668591.4	4340946	NonCancer	4.19E-06	1.30E-05	3.17E-05	0.00E+00	0.00E+00	1.51E-05	1.75E-05	0.00E+00	4.54E-07	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	3.17E-05
25	ALL		668812.7	4340946	NonCancer	4.49E-06	1.36E-05	3.28E-05	0.00E+00	0.00E+00	1.59E-05	2.03E-05	0.00E+00	4.67E-07	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	3.28E-05
26	ALL		669034	4340946	NonCancer	4.86E-06	1.26E-05	2.70E-05	0.00E+00	0.00E+00	1.53E-05	2.48E-05	0.00E+00	3.75E-07	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	2.70E-05
27	ALL		669255.3	4340946	NonCancer	5.39E-06	1.34E-05	2.76E-05	0.00E+00	0.00E+00	1.65E-05	2.91E-05	0.00E+00	3.79E-07	0.00E+00	0.00E+00	3.12E-06	0.00E+00	0.00E+00	2.91E-05
28	ALL		669476.7	4340946	NonCancer	5.66E-06	1.41E-05	2.95E-05	0.00E+00	0.00E+00	1.76E-05	3.17E-05	0.00E+00	4.03E-07	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	3.17E-05
29	ALL		669698	4340946	NonCancer	6.87E-06	1.68E-05	3.41E-05	0.00E+00	0.00E+00	2.08E-05	3.92E-05	0.00E+00	4.65E-07	0.00E+00	0.00E+00	4.08E-06	0.00E+00	0.00E+00	3.92E-05
30	ALL		669919.3	4340946	NonCancer	9.18E-06	2.05E-05	5.49E-05	0.00E+00	0.00E+00	4.34E-05	4.06E-05	0.00E+00	5.54E-07	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	5.49E-05
31	ALL		670140.6	4340946	NonCancer	1.01E-05	2.17E-05	5.67E-05	0.00E+00	0.00E+00	4.67E-05	3.49E-05	0.00E+00	5.55E-07	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	5.67E-05
32	ALL		670361.9	4340946	NonCancer	1.10E-05	2.62E-05	7.37E-05	0.00E+00	0.00E+00	5.49E-05	2.77E-05	0.00E+00	7.69E-07	0.00E+00	0.00E+00	2.87E-05	0.00E+00	0.00E+00	7.37E-05
33	ALL		670583.2	4340946	NonCancer	1.15E-05	3.05E-05	8.77E-05	0.00E+00	0.00E+00	5.89E-05	2.00E-05	0.00E+00	9.84E-07	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	8.77E-05
34	ALL		670804.5	4340946	NonCancer	8.50E-06	2.58E-05	7.78E-05	0.00E+00	0.00E+00	4.59E-05	1.74E-05	0.00E+00	9.35E-07	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	7.78E-05
35	ALL		671025.8	4340946	NonCancer	6.52E-06	2.13E-05	6.72E-05	0.00E+00	0.00E+00	3.81E-05	1.44E-05	0.00E+00	8.14E-07	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	6.72E-05
36	ALL		671247.1	4340946	NonCancer	5.53E-06	1.82E-05	5.59E-05	0.00E+00	0.00E+00	3.06E-05	1.11E-05	0.00E+00	6.97E-07	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	5.59E-05
37	ALL		671468.4	4340946	NonCancer	6.14E-06	2.13E-05	6.53E-05	0.00E+00	0.00E+00	3.38E-05	9.66E-06	0.00E+00	8.38E-07	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	6.53E-05
38	ALL		671689.8	4340946	NonCancer	1.07E-05	3.74E-05	1.13E-04	0.00E+00	0.00E+00	5.80E-05	8.67E-06	0.00E+00	1.47E-06	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	1.13E-04
39	ALL		671911.1	4340946	NonCancer	1.21E-05	3.97E-05	1.18E-04	0.00E+00	0.00E+00	6.27E-05	8.00E-06	0.00E+00	1.50E-06	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	1.18E-04
40	ALL		672132.4	4340946	NonCancer	5.13E-06	1.87E-05	5.63E-05	0.00E+00	0.00E+00	2.73E-05	5.64E-06	0.00E+00	7.50E-07	0.00E+00	0.00E+00	8.57E-06	0.00E+00	0.00E+00	5.63E-05
41	ALL		672353.7	4340946	NonCancer	7.66E-06	2.96E-05	9.06E-05	0.00E+00	0.00E+00	4.21E-05	5.87E-06	0.00E+00	1.22E-06	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	9.06E-05
42	ALL		672575	4340946	NonCancer	1.03E-05	2.94E-05	8.41E-05	0.00E+00	0.00E+00	5.15E-05	5.01E-06	0.00E+00	1.01E-06	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	8.41E-05
43	ALL		668148.8	4341111	NonCancer	3.62E-06	1.21E-05	3.10E-05	0.00E+00	0.00E+00	1.38E-05	1.11E-05	0.00E+00	4.48E-07	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	3.10E-05
44	ALL		668370.1	4341111	NonCancer	3.89E-06	1.28E-05	3.26E-05	0.00E+00	0.00E+00	1.47E-05	1.28E-05	0.00E+00	4.71E-07	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	3.26E-05
45	ALL		668591.4	4341111	NonCancer	4.31E-06	1.36E-05	3.35E-05	0.00E+00	0.00E+00	1.57E-05	1.55E-05	0.00E+00	4.81E-07	0.00E+00	0.00E+00	2.19E-06	0.00E+00	0.00E+00	3.35E-05
46	ALL		668812.7	4341111	NonCancer	4.62E-06	1.39E-05	3.32E-05	0.00E+00	0.00E+00	1.63E-05	1.83E-05	0.00E+00	4.73E-07	0.00E+00	0.00E+00	2.47E-06	0.00E+00	0.00E+00	3.32E-05
47	ALL		669034	4341111	NonCancer	4.94E-06	1.35E-05	3.02E-05	0.00E+00	0.00E+00	1.63E-05	2.22E-05	0.00E+00	4.23E-07	0.00E+00	0.00E+00	2.83E-06	0.00E+00	0.00E+00	3.02E-05
48	ALL		669255.3	4341111	NonCancer	5.33E-06	1.45E-05	3.28E-05	0.00E+00	0.00E+00	1.77E-05	2.58E-05	0.00E+00	4.58E-07	0.00E+00	0.00E+00	3.16E-06	0.00E+00	0.00E+00	3.28E-05
49	ALL		669476.7	4341111	NonCancer	6.04E-06	1.48E-05	3.04E-05	0.00E+00	0.00E+00	1.85E-05	3.14E-05	0.00E+00	4.14E-07	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	3.14E-05
50	ALL		669698	4341111	NonCancer	8.33E-06	1.92E-05	3.61E-05	0.00E+00	0.00E+00	2.36E-05	4.02E-05	0.00E+00	4.92E-07	0.00E+00	0.00E+00	4.41E-06	0.00E+00	0.00E+00	4.02E-05
51	ALL		669919.3	4341111	NonCancer	8.05E-06	1.90E-05	3.75E-05	0.00E+00	0.00E+00	2.41E-05	4.51E-05	0.00E+00	5.04E-07	0.00E+00	0.00E+00	5.19E-06	0.00E+00	0.00E+00	4.51E-05
52	ALL		670140.6	4341111	NonCancer	1.10E-05	2.49E-05	6.79E-05	0.00E+00	0.00E+00	5.31E-05	4.73E-05	0.00E+00	6.87E-07	0.00E+00	0.00E+00	2.83E-05	0.00E+00	0.00E+00	6.79E-05
53	ALL		670361.9	4341111	NonCancer	1.18E-05	2.99E-05	8.48E-05	0.00E+00	0.00E+00	5.89E-05	4.17E-05	0.00E+00	9.33E-07	0.00E+00	0.00E+00	2.91E-05	0.00E+00	0.00E+00	8.48E-05
54	ALL		670583.2	4341111	NonCancer	9.38E-06	2.67E-05	7.90E-05	0.00E+00	0.00E+00	4.95E-05	2.92E-05	0.00E+00	9.21E-07	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	7.90E-05
55	ALL		670804.5	4341111	NonCancer	6.47E-06	2.00E-05	6.33E-05	0.00E+00	0.00E+00	3.79E-05	2.11E-05	0.00E+00	7.43E-07	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	6.33E-05
56	ALL		671025.8	4341111	NonCancer	5.73E-06	1.74E-05	5.24E-05	0.00E+00	0.00E+00	3.10E-05	1.62E-05	0.00E+00	6.29E-07	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	5.24E-05
57	ALL		671247.1	4341111	NonCancer	6.39E-06	2.17E-05	6.81E-05	0.00E+00	0.00E+00	3.71E-05	1.40E-05	0.00E+00	8.46E-07	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	6.81E-05
58	ALL		671468.4	4341111	NonCancer	6.77E-06	2.38E-05	7.30E-05	0.00E+00	0.00E+00	3.76E-05	1.07E-05	0.00E+00	9.39E-07	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	7.30E-05
59	ALL		671689.8	4341111	NonCancer	1.52E-05	4.54E-05	1.32E-04	0.00E+00	0.00E+00	7.75E-05	9.99E-06	0.00E+00	1.61E-06	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	1.32E-04
60	ALL		671911.1	4341111	NonCancer	1.40E-05	4.51E-05	1.32E-04	0.00E+00	0.00E+00	7.17E-05	9.03E-06	0.00E+00	1.69E-06	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	1.32E-04
61	ALL		672132.4	4341111	NonCancer	5.48E-06	2.00E-05	6.01E-05	0.00E+00	0.00E+00	2.89E-05	5.83E-06	0.00E+00	8.02E-07	0.00E+00	0.00E+00	8.97E-06	0.00E+00	0.00E+00	6.01E-05
62	ALL		672353.7	4341111	NonCancer	5.17E-06	2.05E-05	6.40E-05	0.00E+00	0.00E+00	2.97E-05	5.32E-06	0.00E+00	8.59E-07	0.00E+00	0.00E+00	9.23E-06	0.00E+00	0.00E+00	6.40E-05
63	ALL		672575	4341111	NonCancer	1.03E-05	3.03E-05	8.90E-05	0.00E+00	0.00E+00	5.37E-05	5.60E-06	0.00E+00	1.07E-06	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	8.90E-05
64	ALL		668148.8	4341276	NonCancer	3.83E-06	1.32E-05	3.44E-05	0.00E+00	0.00E+00	1.50E-05	1.00E-05	0.00E+00	4.99E-07	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	3.44E-05
65	ALL		668370.1	4341276	NonCancer	4.15E-06	1.40E-05	3.61E-05	0.00E+00	0.00E+00	1.60E-05	1.15E-05	0.00E+00	5.23E-07	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	3.61E-05
66	ALL		668591.4	4341276	NonCancer	4.42E-06	1.39E-05	3.43E-05	0.00E+00	0.00E+00	1.61E-05	1.35E-05	0.00E+00	4.91E-07	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	3.43E-05
67	ALL		668812.7	4341276	NonCancer	4.68E-06	1.28E-05	2.85E-05	0.00E+00	0.00E+00	1.54E-05	1.64E-05	0.00E+00	4.00E-07	0.00E+00	0.00E+00	2.59E-06	0.00E+00	0.00E+00	2.85E-05
68	ALL		669034	4341276	NonCancer	5.72E-06	1.48E-05	3.15E-05	0.00E+00	0.00E+00	1.78E-05	2.16E-05	0.00E+00	4.41E-07	0.00E+00	0.00E+00	2.99E-06	0.00E+00	0.00E+00	3.15E-05
69	ALL		669255.3	4341276	NonCancer	6.00E-06	1.48E-05	3.02E-05	0.00E+00	0.00E+00	1.82E-05	2.49E-05	0.00E+00	4.15E-07	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	3.02E-05
70	ALL		669476.7	4341276	NonCancer	6.34E-06	1.55E-05	3.16E-05	0.00E+00	0.00E+00	1.94E-05	2.87E-05	0.00E+00	4.30E-07	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	3.16E-05
71	ALL		669698	4341276	NonCancer	7.37E-06	1.68E-05	3.20E-05	0.00E+00	0.00E+00	2.15E-05	3.62E-05	0.00E+00	4.28E-07	0.00E+00	0.00E+00	4.63E-06	0.00E+00	0.00E+00	3.62E-05
72	ALL		669919.3	4341276	NonCancer	1.09E-05	2.31E-05	5.97E-05	0.00E+00	0.00E+00	5.02E-05	4.77E-05	0.00E+00	5.74E-07	0.00E+00	0.00E+00	2.72E-05	0.00E+00	0.00E+00	5.97E-05
73	ALL		670140.6	4341276	NonCancer	1.08E-05	2.78E-05	7.93E-05	0.00E+00	0.00E+00	5.42E-05	6.51E-05	0.00E+00	8.82E-07	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	7.93E-05
74	ALL		670361.9	4341276	NonCancer	1.03E-05	2.79E-05	8.01E-05	0.00E+00	0.00E+00	5.16E-05	6.36E-05	0.00E+00	9.25E-07	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	8.01E-05
75	ALL		670583.2	4341276	NonCancer	7.19E-06	2.10E-05	6.40E-05	0.00E+00	0.00E+00	3.96E-05	4.42E-05	0.00E+00	7.44E-07	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	6.40E-05
76	ALL		670804.5	4341276	NonCancer	6.42E-06	1.94E-05	6.13E-05	0.00E+00	0.00E+00	3.73E-05	2.65E-05	0.00E+00	7.12E-07	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	6.13E-05
77	ALL		671025.8	4341276	NonCancer	6.08E-06	1.79E-05	5.29E-05	0.00E+00	0.00E+00	3.17E-05	2.02E-05	0.00E+00	6.34E-07	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	5.29E-05
78	ALL		671247.1	4341276	NonCancer	8.72E-06	3.00E-05	9.49E-05	0.00E+00	0.00E+00	5.10E-05	1.86E-05	0.00E+00	1.18E-06	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	9.49E-05
79	ALL		671468.4	4341276	NonCancer	1.68E-05	4.96E-05	1.46E-04	0.00E+00	0.00E+00	8.70E-05	1.36E-05	0.00E+00	1.75E-06	0.00E+00	0.00E+00	3.75E-05	0.00E+00	0.00E+00	1.46E-04
80	ALL		671689.8	4341276	NonCancer	1.98E-05	5.20E-05	1.51E-04	0.00E+00	0.00E+00	1.02E-04	1.11E-05	0.00E+00	1.68E-06	0.00E+00	0.00E+00	5.00E-05	0.00E+00	0.00E+00	1.51E-04
81	ALL		671911.1	4341276	NonCancer	1.72E-05	4.91E-05	1.42E-04	0.00E+00	0.00E+00	8.72E-05	9.91E-06	0.00E+00	1.69E-06	0.00E+00	0.00E+00	3.82E-05	0.00E+00	0.00E+00	1.42E-04
82	ALL		672132.4	4341276	NonCancer	5.95E-06	2.30E-05	7.16E-05	0.00E+00	0.00E+00	3.37E-05	6.98E-06	0.00E+00	9.56E-07	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	7.16E-05
83	ALL		672353.7	4341276	NonCancer	4.25E-06	1.56E-05	4.73E-05	0.00E+00	0.00E+00	2.28E-05	5.32E-06	0.00E+00	6.30E-07	0.00E+00	0.00E+00	7.14E-06	0.00E+00	0.00E+00	4.73E-05
84	ALL		672575	4341276	NonCancer	1.08E-05	3.10E-05	9.14E-05	0.00E+00	0.00E+00	5.66E-05	6.35E-06	0.00E+00	1.07E-06	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	9.14E-05
85	ALL		668148.8	4341441	NonCancer	3.93E-06	1.37E-05	3.58E-05	0.00E+00	0.00E+00	1.55E-05	9.03E-06	0.00E+00	5.20E-07	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	3.58E-05
86	ALL		668370.1	4341441	NonCancer	4.28E-06	1.44E-05	3.72E-05	0.00E+00	0.00E+00	1.65E-05	1.02E-05	0.00E+00	5.38E-07	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	3.72E-05
87	ALL		668591.4	4341441	NonCancer	4.56E-06	1.45E-05	3.60E-05	0.00E+00	0.00E+00	1.68E-05	1.18E-05	0.00E+00	5.17E-07	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	3.60E-05
88	ALL		668812.7	4341441	NonCancer	4.89E-06	1.30E-05	2.82E-05	0.00E+00	0.00E+00	1.56E-05	1.44E-05	0.00E+00	3.94E-07	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	2.82E-05
89	ALL		669034	4341441	NonCancer	5.79E-06	1.50E-05	3.20E-05	0.00E+00	0.00E+00	1.81E-05	1.84E-05	0.00E+00	4.47E-07	0.00E+00	0.00E+00	3.05E-06	0.00E+00	0.00E+00	3.20E-05
90	ALL		669255.3	4341441	NonCancer	5.89E-06	1.49E-05	3.12E-05	0.00E+00	0.00E+00	1.84E-05	1.96E-05	0.00E+00	4.30E-07	0.00E+00	0.00E+00	3.48E-06	0.00E+00	0.00E+00	3.12E-05
91	ALL		669476.7	4341441	NonCancer	6.73E-06	1.63E-05	3.30E-05	0.00E+00	0.00E+00	2.04E-05	2.44E-05	0.00E+00	4.49E-07	0.00E+00	0.00E+00	4.09E-06	0.00E+00	0.00E+00	3.30E-05
92	ALL		669698	4341441	NonCancer	8.38E-06	1.98E-05	3.85E-05	0.00E+00	0.00E+00	2.46E-05	3.31E-05	0.00E+00	5.23E-07	0.00E+00	0.00E+00	4.89E-06	0.00E+00	0.00E+00	3.85E-05
93	ALL		669919.3	4341441	NonCancer	1.14E-05	2.60E-05	7.16E-05	0.00E+00	0.00E+00	5.54E-05	4.78E-05	0.00E+00	7.28E-07	0.00E+00	0.00E+00	2.95E-05	0.00E+00	0.00E+00	7.16E-05
94	ALL		670140.6	4341441	NonCancer	1.04E-05	2.71E-05	7.66E-05	0.00E+00	0.00E+00	5.12E-05	7.23E-05	0.00E+00	8.69E-07	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	7.66E-05
95	ALL		670361.9	4341441	NonCancer	9.33E-06	2.60E-05	7.73E-05	0.00E+00	0.00E+00	4.91E-05	9.11E-05	0.00E+00	8.91E-07	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	9.11E-05
96	ALL		670583.2	4341441	NonCancer	7.41E-06	2.10E-05	6.35E-05	0.00E+00	0.00E+00	4.01E-05	7.50E-05	0.00E+00	7.31E-07	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	7.50E-05
97	ALL		670804.5	4341441	NonCancer	9.32E-06	2.78E-05	8.77E-05	0.00E+00	0.00E+00	5.42E-05	4.19E-05	0.00E+00	1.01E-06	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	8.77E-05
98	ALL		671025.8	4341441	NonCancer	7.92E-06	2.35E-05	7.37E-05	0.00E+00	0.00E+00	4.58E-05	2.94E-05	0.00E+00	8.47E-07	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	7.37E-05

99	ALL	671689.8	4341441	NonCancer	2.11E-05	4.45E-05	7.46E-05	0.00E+00	0.00E+00	5.66E-05	1.27E-05	0.00E+00	9.78E-07	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	7.46E-05
100	ALL	671911.1	4341441	NonCancer	1.86E-05	5.10E-05	1.48E-04	0.00E+00	0.00E+00	9.51E-05	1.12E-05	0.00E+00	1.70E-06	0.00E+00	0.00E+00	4.42E-05	0.00E+00	0.00E+00	1.48E-04
101	ALL	672132.4	4341441	NonCancer	6.82E-06	2.64E-05	8.29E-05	0.00E+00	0.00E+00	3.95E-05	8.69E-06	0.00E+00	1.10E-06	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	8.29E-05
102	ALL	672353.7	4341441	NonCancer	7.46E-06	2.80E-05	8.64E-05	0.00E+00	0.00E+00	4.15E-05	8.33E-06	0.00E+00	1.15E-06	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	8.64E-05
103	ALL	672575	4341441	NonCancer	1.01E-05	2.51E-05	5.93E-05	0.00E+00	0.00E+00	3.89E-05	6.98E-06	0.00E+00	7.30E-07	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	5.93E-05
104	ALL	668148.8	4341606	NonCancer	4.19E-06	1.45E-05	3.79E-05	0.00E+00	0.00E+00	1.64E-05	8.48E-06	0.00E+00	5.52E-07	0.00E+00	0.00E+00	1.88E-06	0.00E+00	0.00E+00	3.79E-05
105	ALL	668370.1	4341606	NonCancer	4.41E-06	1.43E-05	3.57E-05	0.00E+00	0.00E+00	1.64E-05	9.41E-06	0.00E+00	5.15E-07	0.00E+00	0.00E+00	2.10E-06	0.00E+00	0.00E+00	3.57E-05
106	ALL	668591.4	4341606	NonCancer	4.59E-06	1.36E-05	3.21E-05	0.00E+00	0.00E+00	1.59E-05	1.05E-05	0.00E+00	4.57E-07	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	3.21E-05
107	ALL	668812.7	4341606	NonCancer	4.91E-06	1.34E-05	2.98E-05	0.00E+00	0.00E+00	1.61E-05	1.21E-05	0.00E+00	4.19E-07	0.00E+00	0.00E+00	2.70E-06	0.00E+00	0.00E+00	2.98E-05
108	ALL	669034	4341606	NonCancer	5.45E-06	1.44E-05	3.13E-05	0.00E+00	0.00E+00	1.75E-05	1.37E-05	0.00E+00	4.36E-07	0.00E+00	0.00E+00	3.08E-06	0.00E+00	0.00E+00	3.13E-05
109	ALL	669255.3	4341606	NonCancer	6.11E-06	1.56E-05	3.31E-05	0.00E+00	0.00E+00	1.92E-05	1.59E-05	0.00E+00	4.57E-07	0.00E+00	0.00E+00	3.56E-06	0.00E+00	0.00E+00	3.31E-05
110	ALL	669476.7	4341606	NonCancer	7.16E-06	1.76E-05	3.58E-05	0.00E+00	0.00E+00	2.18E-05	1.99E-05	0.00E+00	4.90E-07	0.00E+00	0.00E+00	4.22E-06	0.00E+00	0.00E+00	3.58E-05
111	ALL	669698	4341606	NonCancer	9.40E-06	2.20E-05	4.20E-05	0.00E+00	0.00E+00	2.71E-05	2.52E-05	0.00E+00	5.72E-07	0.00E+00	0.00E+00	5.08E-06	0.00E+00	0.00E+00	4.20E-05
112	ALL	669919.3	4341606	NonCancer	1.15E-05	2.87E-05	8.05E-05	0.00E+00	0.00E+00	5.69E-05	3.97E-05	0.00E+00	8.78E-07	0.00E+00	0.00E+00	2.82E-05	0.00E+00	0.00E+00	8.05E-05
113	ALL	670140.6	4341606	NonCancer	1.14E-05	2.94E-05	8.26E-05	0.00E+00	0.00E+00	5.61E-05	6.44E-05	0.00E+00	9.27E-07	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	8.26E-05
114	ALL	670361.9	4341606	NonCancer	8.90E-06	2.45E-05	7.28E-05	0.00E+00	0.00E+00	4.68E-05	9.82E-05	0.00E+00	8.31E-07	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	9.82E-05
115	ALL	670583.2	4341606	NonCancer	8.82E-06	2.46E-05	7.69E-05	0.00E+00	0.00E+00	4.96E-05	1.26E-04	0.00E+00	8.62E-07	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	1.26E-04
116	ALL	670804.5	4341606	NonCancer	1.50E-05	4.31E-05	1.31E-04	0.00E+00	0.00E+00	8.16E-05	8.61E-05	0.00E+00	1.51E-06	0.00E+00	0.00E+00	3.87E-05	0.00E+00	0.00E+00	1.31E-04
117	ALL	671025.8	4341606	NonCancer	1.33E-05	4.08E-05	1.36E-04	0.00E+00	0.00E+00	8.54E-05	4.36E-05	0.00E+00	1.52E-06	0.00E+00	0.00E+00	4.48E-05	0.00E+00	0.00E+00	1.36E-04
118	ALL	671689.8	4341606	NonCancer	2.44E-05	5.03E-05	8.33E-05	0.00E+00	0.00E+00	6.61E-05	1.74E-05	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	8.33E-05
119	ALL	671911.1	4341606	NonCancer	2.08E-05	5.05E-05	1.47E-04	0.00E+00	0.00E+00	1.09E-04	1.39E-05	0.00E+00	1.52E-06	0.00E+00	0.00E+00	5.91E-05	0.00E+00	0.00E+00	1.47E-04
120	ALL	672132.4	4341606	NonCancer	1.23E-05	4.25E-05	1.28E-04	0.00E+00	0.00E+00	6.60E-05	1.23E-05	0.00E+00	1.66E-06	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	1.28E-04
121	ALL	672353.7	4341606	NonCancer	9.71E-06	3.39E-05	1.02E-04	0.00E+00	0.00E+00	5.22E-05	9.84E-06	0.00E+00	1.33E-06	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	1.02E-04
122	ALL	672575	4341606	NonCancer	9.43E-06	2.36E-05	4.72E-05	0.00E+00	0.00E+00	2.75E-05	7.99E-06	0.00E+00	6.67E-07	0.00E+00	0.00E+00	3.85E-06	0.00E+00	0.00E+00	4.72E-05
123	ALL	668148.8	4341771	NonCancer	4.20E-06	1.51E-05	4.02E-05	0.00E+00	0.00E+00	1.69E-05	7.67E-06	0.00E+00	5.86E-07	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	4.02E-05
124	ALL	668370.1	4341771	NonCancer	4.47E-06	1.43E-05	3.55E-05	0.00E+00	0.00E+00	1.64E-05	8.56E-06	0.00E+00	5.12E-07	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	3.55E-05
125	ALL	668591.4	4341771	NonCancer	4.79E-06	1.58E-05	4.01E-05	0.00E+00	0.00E+00	1.81E-05	9.23E-06	0.00E+00	5.79E-07	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	4.01E-05
126	ALL	668812.7	4341771	NonCancer	5.03E-06	1.51E-05	3.62E-05	0.00E+00	0.00E+00	1.78E-05	1.03E-05	0.00E+00	5.15E-07	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	3.62E-05
127	ALL	669034	4341771	NonCancer	5.56E-06	1.51E-05	3.34E-05	0.00E+00	0.00E+00	1.82E-05	1.16E-05	0.00E+00	4.67E-07	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	3.34E-05
128	ALL	669255.3	4341771	NonCancer	6.81E-06	1.77E-05	3.77E-05	0.00E+00	0.00E+00	2.13E-05	1.44E-05	0.00E+00	5.26E-07	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	3.77E-05
129	ALL	669476.7	4341771	NonCancer	8.73E-06	2.11E-05	4.92E-05	0.00E+00	0.00E+00	3.35E-05	1.53E-05	0.00E+00	5.94E-07	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	4.92E-05
130	ALL	669698	4341771	NonCancer	1.06E-05	2.42E-05	6.57E-05	0.00E+00	0.00E+00	5.08E-05	1.93E-05	0.00E+00	6.73E-07	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	6.57E-05
131	ALL	669919.3	4341771	NonCancer	1.09E-05	2.80E-05	7.88E-05	0.00E+00	0.00E+00	5.36E-05	2.95E-05	0.00E+00	8.84E-07	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	7.88E-05
132	ALL	670140.6	4341771	NonCancer	9.89E-06	2.67E-05	7.73E-05	0.00E+00	0.00E+00	5.05E-05	4.53E-05	0.00E+00	8.83E-07	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	7.73E-05
133	ALL	670361.9	4341771	NonCancer	7.30E-06	2.02E-05	6.28E-05	0.00E+00	0.00E+00	4.10E-05	6.93E-05	0.00E+00	6.99E-07	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	6.93E-05
134	ALL	670583.2	4341771	NonCancer	1.24E-05	3.45E-05	1.05E-04	0.00E+00	0.00E+00	6.73E-05	1.48E-04	0.00E+00	1.19E-06	0.00E+00	0.00E+00	3.29E-05	0.00E+00	0.00E+00	1.48E-04
135	ALL	670804.5	4341771	NonCancer	2.79E-05	6.42E-05	1.94E-04	0.00E+00	0.00E+00	1.54E-04	1.21E-04	0.00E+00	1.86E-06	0.00E+00	0.00E+00	8.99E-05	0.00E+00	0.00E+00	1.94E-04
136	ALL	671025.8	4341771	NonCancer	3.24E-05	7.31E-05	2.87E-04	0.00E+00	0.00E+00	2.46E-04	3.95E-05	0.00E+00	2.26E-06	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	2.87E-04
137	ALL	671689.8	4341771	NonCancer	2.96E-05	6.90E-05	1.93E-04	0.00E+00	0.00E+00	1.48E-04	2.43E-05	0.00E+00	1.97E-06	0.00E+00	0.00E+00	7.92E-05	0.00E+00	0.00E+00	1.93E-04
138	ALL	671911.1	4341771	NonCancer	2.18E-05	5.13E-05	1.50E-04	0.00E+00	0.00E+00	1.16E-04	1.82E-05	0.00E+00	1.50E-06	0.00E+00	0.00E+00	6.44E-05	0.00E+00	0.00E+00	1.50E-04
139	ALL	672132.4	4341771	NonCancer	8.33E-06	2.97E-05	9.13E-05	0.00E+00	0.00E+00	4.61E-05	1.35E-05	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	9.13E-05
140	ALL	672353.7	4341771	NonCancer	5.18E-06	1.80E-05	5.42E-05	0.00E+00	0.00E+00	2.77E-05	9.65E-06	0.00E+00	7.02E-07	0.00E+00	0.00E+00	9.83E-06	0.00E+00	0.00E+00	5.42E-05
141	ALL	672575	4341771	NonCancer	9.89E-06	2.64E-05	5.66E-05	0.00E+00	0.00E+00	3.07E-05	9.16E-06	0.00E+00	8.04E-07	0.00E+00	0.00E+00	4.27E-06	0.00E+00	0.00E+00	5.66E-05
142	ALL	668148.8	4341936	NonCancer	4.28E-06	1.58E-05	4.26E-05	0.00E+00	0.00E+00	1.76E-05	7.03E-06	0.00E+00	6.24E-07	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	4.26E-05
143	ALL	668370.1	4341936	NonCancer	4.61E-06	1.66E-05	4.43E-05	0.00E+00	0.00E+00	1.86E-05	7.64E-06	0.00E+00	6.46E-07	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	4.43E-05
144	ALL	668591.4	4341936	NonCancer	4.98E-06	1.69E-05	4.37E-05	0.00E+00	0.00E+00	1.93E-05	8.39E-06	0.00E+00	6.33E-07	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	4.37E-05
145	ALL	668812.7	4341936	NonCancer	5.07E-06	1.46E-05	3.40E-05	0.00E+00	0.00E+00	1.73E-05	9.18E-06	0.00E+00	4.82E-07	0.00E+00	0.00E+00	2.71E-06	0.00E+00	0.00E+00	3.40E-05
146	ALL	669034	4341936	NonCancer	5.97E-06	1.63E-05	3.61E-05	0.00E+00	0.00E+00	1.94E-05	1.05E-05	0.00E+00	5.09E-07	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	3.61E-05
147	ALL	669255.3	4341936	NonCancer	7.93E-06	1.99E-05	4.81E-05	0.00E+00	0.00E+00	3.13E-05	1.08E-05	0.00E+00	5.90E-07	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	4.81E-05
148	ALL	669476.7	4341936	NonCancer	9.39E-06	2.15E-05	5.73E-05	0.00E+00	0.00E+00	4.43E-05	1.26E-05	0.00E+00	5.91E-07	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	5.73E-05
149	ALL	669698	4341936	NonCancer	8.93E-06	2.32E-05	6.51E-05	0.00E+00	0.00E+00	4.38E-05	1.94E-05	0.00E+00	7.35E-07	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	6.51E-05
150	ALL	669919.3	4341936	NonCancer	6.72E-06	1.83E-05	5.35E-05	0.00E+00	0.00E+00	3.49E-05	2.49E-05	0.00E+00	6.10E-07	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	5.35E-05
151	ALL	670140.6	4341936	NonCancer	6.75E-06	1.86E-05	5.66E-05	0.00E+00	0.00E+00	3.71E-05	3.19E-05	0.00E+00	6.32E-07	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	5.66E-05
152	ALL	670361.9	4341936	NonCancer	8.59E-06	2.33E-05	6.93E-05	0.00E+00	0.00E+00	4.57E-05	4.62E-05	0.00E+00	7.78E-07	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	6.93E-05
153	ALL	670583.2	4341936	NonCancer	2.12E-05	5.32E-05	1.51E-04	0.00E+00	0.00E+00	1.06E-04	6.52E-05	0.00E+00	1.64E-06	0.00E+00	0.00E+00	5.31E-05	0.00E+00	0.00E+00	1.51E-04
154	ALL	670804.5	4341936	NonCancer	2.41E-05	4.78E-05	8.65E-05	0.00E+00	0.00E+00	7.51E-05	1.04E-04	0.00E+00	9.75E-07	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	1.04E-04
155	ALL	671468.4	4341936	NonCancer	3.15E-05	9.14E-05	2.95E-04	0.00E+00	0.00E+00	1.91E-04	5.77E-05	0.00E+00	3.27E-06	0.00E+00	0.00E+00	9.98E-05	0.00E+00	0.00E+00	2.95E-04
156	ALL	671689.8	4341936	NonCancer	2.06E-05	6.48E-05	2.03E-04	0.00E+00	0.00E+00	1.18E-04	3.66E-05	0.00E+00	2.43E-06	0.00E+00	0.00E+00	5.35E-05	0.00E+00	0.00E+00	2.03E-04
157	ALL	671911.1	4341936	NonCancer	1.99E-05	5.29E-05	1.51E-04	0.00E+00	0.00E+00	9.97E-05	2.37E-05	0.00E+00	1.72E-06	0.00E+00	0.00E+00	4.69E-05	0.00E+00	0.00E+00	1.51E-04
158	ALL	672132.4	4341936	NonCancer	7.06E-06	2.41E-05	7.35E-05	0.00E+00	0.00E+00	3.86E-05	1.59E-05	0.00E+00	9.37E-07	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	7.35E-05
159	ALL	672353.7	4341936	NonCancer	4.70E-06	1.52E-05	4.35E-05	0.00E+00	0.00E+00	2.31E-05	1.06E-05	0.00E+00	5.64E-07	0.00E+00	0.00E+00	7.94E-06	0.00E+00	0.00E+00	4.35E-05
160	ALL	672575	4341936	NonCancer	1.28E-05	3.30E-05	9.03E-05	0.00E+00	0.00E+00	6.08E-05	9.81E-06	0.00E+00	1.03E-06	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	9.03E-05
161	ALL	668148.8	4342101	NonCancer	4.38E-06	1.65E-05	4.47E-05	0.00E+00	0.00E+00	1.82E-05	6.81E-06	0.00E+00	6.55E-07	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	4.47E-05
162	ALL	668370.1	4342101	NonCancer	4.91E-06	1.80E-05	4.85E-05	0.00E+00	0.00E+00	2.01E-05	7.47E-06	0.00E+00	7.09E-07	0.00E+00	0.00E+00	2.08E-06	0.00E+00	0.00E+00	4.85E-05
163	ALL	668591.4	4342101	NonCancer	4.86E-06	1.51E-05	3.69E-05	0.00E+00	0.00E+00	1.75E-05	8.03E-06	0.00E+00	5.30E-07	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	3.69E-05
164	ALL	668812.7	4342101	NonCancer	5.19E-06	1.52E-05	3.56E-05	0.00E+00	0.00E+00	1.79E-05	8.64E-06	0.00E+00	5.06E-07	0.00E+00	0.00E+00	2.72E-06	0.00E+00	0.00E+00	3.56E-05
165	ALL	669034	4342101	NonCancer	6.27E-06	1.79E-05	4.12E-05	0.00E+00	0.00E+00	2.11E-05	9.86E-06	0.00E+00	5.85E-07	0.00E+00	0.00E+00	3.15E-06	0.00E+00	0.00E+00	4.12E-05
166	ALL	669255.3	4342101	NonCancer	7.41E-06	1.99E-05	4.33E-05	0.00E+00	0.00E+00	2.35E-05	1.03E-05	0.00E+00	6.11E-07	0.00E+00	0.00E+00	3.65E-06	0.00E+00	0.00E+00	4.33E-05
167	ALL	669476.7	4342101	NonCancer	9.40E-06	2.12E-05	5.54E-05	0.00E+00	0.00E+00	4.31E-05	1.07E-05	0.00E+00	5.74E-07	0.00E+00	0.00E+00	2.20E-05	0.00E+00	0.00E+00	5.54E-05
168	ALL	669698	4342101	NonCancer	1.04E-05	2.56E-05	7.11E-05	0.00E+00	0.00E+00	5.09E-05	1.45E-05	0.00E+00	7.70E-07	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	7.11E-05
169	ALL	669919.3	4342101	NonCancer	1.11E-05	2.86E-05	8.05E-05	0.00E+00	0.00E+00	5.50E-05	1.90E-05	0.00E+00	8.99E-07	0.00E+00	0.00E+00	2.65E-05	0.00E+00	0.00E+00	8.05E-05
170	ALL	670140.6	4342101	NonCancer	9.24E-06	2.45E-05	7.02E-05	0.00E+00	0.00E+00	4.67E-05	2.74E-05	0.00E+00	7.94E-07	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	7.02E-05
171	ALL	670361.9	4342101	NonCancer	1.89E-05	4.27E-05	1.16E-04	0.00E+00	0.00E+00	9.11E-05	1.93E-05	0.00E+00	1.17E-06	0.00E+00	0.00E+00	4.85E-05	0.00E+00	0.00E+00	1.16E-04
172	ALL	670583.2	4342101	NonCancer	1.75E-05	3.75E-05	6.96E-05	0.00E+00	0.00E+00	5.25E-05	2.61E-05	0.00E+00	8.69E-07	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	6.96E-05
173	ALL	671468.4	4342101	NonCancer	1.79E-05	5.79E-05	1.83E-04	0.00E+00	0.00E+00	1.04E-04	8.20E-05	0.00E+00	2.21E-06	0.00E+00	0.00E+00	4.62E-05	0.00E+00	0.00E+00	1.83E-04
174	ALL	671689.8	4342101	NonCancer	1.41E-05	4.58E-05	1.42E-04	0.00E+00	0.00E+00	7.93E-05	4.28E-05	0.00E+00	1.74E-06	0.00E+00	0.00E+00	3.35E-05	0.00E+00	0.00E+00	1.42E-04
175	ALL	671911.1	4342101	NonCancer	1.52E-05	4.32E-05	1.32E-04	0.00E+00	0.00E+00	8.38E-05	2.62E-05	0.00E+00	1.51E-06	0.00E+00	0.00E+00	4.07E-05	0.00E+00	0.00E+00	1.32E-04
176	ALL	672132.4	4342101	NonCancer	8.99E-06	3.08E-05	9.68E-05	0.00E+00	0.00E+00	5.21E-05	1.79E-05	0.00E+00	1.21E-06	0.00E+00	0.00E+00	2.13E-05	0.00E+00	0.00E+00	9.68E-05
177	ALL	672353.7	4342101	NonCancer	5.31E-06	1.80E-05	5.43E-05	0.00E+00	0.00E+00	2.83E-05	1.23E-05	0.00E+00	6.97E-07	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	5.43E-05
178	ALL	672575	4342101	NonCancer	1.26E-05	3.34E-05	9.26E-05	0.00E+00	0.00E+00	6.10E-05	1.02E-05	0.00E+00	1.07E-06	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	9.26E-05
179	ALL	668148.8	4342266	NonCancer	4.67E-06	1.82E-05	5.00E-05	0.00E+00	0.00E+00	1.99E-05	7.04E-06	0.00E+00	7.37E-07	0.00E+00	0.00E+00	1.79E-06	0.00E+00	0.00E+00	5.00E-05
180	ALL	668370.1	4342266	NonCancer	5.15E-06	1.94E-05	5.28E-05	0.00E+00	0.00E+00	2.15E-05	7.68E-06	0.00E+00	7.75E-07	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	5.28E-05
181	ALL	668591.4	4342266	NonCancer	5.20E-06	1.90E-05	5.10E-05	0.00E+00	0.00E+00	2.13E-05	8.01E-06	0.00E+00	7.45E-07	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	5.10E-05
182	ALL	668812.7	4342266	NonCancer	5.72E-06	2.06E-05	5.46E-05	0.00E+00	0.00E+00	2.31E-05	8.66E-06	0.00E+00	7.97E-07	0.00E+00	0.00E+00	2.57E-06	0.00E+00	0.00E+00	5.46E-05
183	ALL	669034	4342266	NonCancer	5.97E-06	2.01E-05	5.15E-05	0.00E+00	0.00E+00	2.30E-05	8.94E-06	0.00E+00	7.45E-07	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	5.15E-05
184	ALL	669255.3	4342266	NonCancer	6.23E-06	1.77E-05	4.10E-05	0.00E+00	0.00E+00	2.13E-05	9.30E-06	0.00E+00	5.78E-07	0.00E+00	0.00E+00	3.52E-06	0.00E+00	0.00E+00	4.10E-05
185	ALL	669476.7	4342266	NonCancer	7.34E-06	2.01E-05	4.50E-05	0.00E+00	0.00E+00	2.43E-05	1.00E-05	0.00E+00	6.31E-07	0.00E+00	0.00E+00	4.16E-06	0.00E+00	0.00E+00	4.50E-05
186	ALL	669698	4342266	NonCancer	9.92E-06	2.52E-05	5.22E-05	0.00E+00	0.00E+00	3.03E-05	1.15E-05	0.00E+00	7.28E-07	0.00E+00	0.00E+00	5.07E-06	0.00E+00	0.00E+00	5.22E-05
187	ALL	669919.3	4342266	NonCancer	1.12E-05	2.81E-05	5.78E-05	0.00E+00	0.00E+00	3.43E-05	1.21E-05	0.00E+00	7.98E-07	0.00E+00	0.00E+00	6.21E-06	0.00E+00	0.00E+00	5.78E-05
188	ALL	670140.6	4342266	NonCancer	1.48E-05	3.39E-05	7.98E-05	0.00E+00	0.00E+00	5.91E-05	1.33E-05	0.00E+00	9.01E-07	0.00E+00	0.00E+00	2.53E-05	0.00E+00	0.00E+00	7.98E-05
189	ALL	670361.9	4342266	NonCancer	1.40E-05	3.30E-05	6.58E-05	0.00E+00	0.00E+00	4.30E-05	1.55E-05	0.00E+00	8.72E-07	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	6.58E-05
190	ALL	670583.2	4342266	NonCancer	1.73E-05	3.93E-05	7.65E-05	0.00E+00	0.00E+00	5.29E-05	2.07E-05	0.00E+00	9.90E-07	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	7.65E-05
191	ALL	670804.5	4342266	NonCancer	2.49E-05	5.54E-05	1.05E-04	0.00E+00	0.00E+00	7.48E-05	4.49E-05	0.00E+00	1.36E-06	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	1.05E-04
192	ALL	671025.8	4342266	NonCancer	4.67E-05	1.17E-04	3.00E-04	0.00E+00	0.00E+00	2.02E-04	2.43E-04	0.00E+00	3.51E-06	0.00E+00	0.00E+00	8.54E-05	0.00E+00	0.00E+00	3.00E-04
193	ALL	671247.1	4342266	NonCancer	5.98E-05	1.53E-04	4.00E-04	0.00E+00	0.00E+00	2.66E-04	1.61E-04	0.00E+00	4.68E-06	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	4.00E-04
194	ALL	671468.4	4342266	NonCancer	1.66E-05	5.34E-05	1.60E-04	0.00E+00	0.00E+00	8.79E-05	6.95E-05	0.00E+00	2.01E-06	0.00E+00	0.00E+00	3.46E-05	0.00E+00	0.00E+00	1.60E-04
195	ALL	671689.8	4342266	NonCancer	1.36E-05	4.24E-05	1.33E-04	0.00E+00	0.00E+00	7.80E-05	4.02E-05	0.00E+00	1.58E-06	0.00E+00	0.00E+00	3.57E-05	0.00E+00	0.00E+00	1.33E-04
196	ALL	671911.1	4342266	NonCancer	1.28E-05	4.00E-05	1.23E-04	0.00E+00	0.00E+00	7.12E-05	2.63E-05	0.00E+00	1.48E-06	0.00E+00	0.00E+00	3.13E-05	0.00E+00	0.00E+00	1.23E-04
197	ALL	672132.4	4342266	NonCancer	1.37E-05	3.80E-05	1.10E-04	0.00E+00	0.00E+00	7.01E-05	1.81E-05	0.00E+00	1.28E-06	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	1.10E-04

198	ALL	672353.7	4342266	NonCancer	1.09E-05	3.19E-05	9.32E-05	0.00E+00	0.00E+00	0.00E+00	5.62E-05	1.33E-05	0.00E+00	1.12E-06	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	9.32E-05
199	ALL	672575	4342266	NonCancer	1.08E-05	3.09E-05	6.97E-05	0.00E+00	0.00E+00	0.00E+00	3.50E-05	1.09E-05	0.00E+00	1.01E-06	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	6.97E-05
200	ALL	668148.8	4342431	NonCancer	3.64E-06	1.21E-05	3.08E-05	0.00E+00	0.00E+00	0.00E+00	1.38E-05	6.93E-06	0.00E+00	4.46E-07	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	3.08E-05
201	ALL	668370.1	4342431	NonCancer	5.18E-06	2.04E-05	5.63E-05	0.00E+00	0.00E+00	0.00E+00	2.23E-05	7.96E-06	0.00E+00	8.30E-07	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	5.63E-05
202	ALL	668591.4	4342431	NonCancer	5.00E-06	1.81E-05	4.81E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-05	8.25E-06	0.00E+00	7.04E-07	0.00E+00	0.00E+00	2.07E-06	0.00E+00	0.00E+00	4.81E-05
203	ALL	668812.7	4342431	NonCancer	5.34E-06	1.87E-05	4.89E-05	0.00E+00	0.00E+00	0.00E+00	2.10E-05	8.84E-06	0.00E+00	7.13E-07	0.00E+00	0.00E+00	2.31E-06	0.00E+00	0.00E+00	4.89E-05
204	ALL	669034	4342431	NonCancer	5.93E-06	2.06E-05	5.37E-05	0.00E+00	0.00E+00	0.00E+00	2.32E-05	9.25E-06	0.00E+00	7.81E-07	0.00E+00	0.00E+00	2.62E-06	0.00E+00	0.00E+00	5.37E-05
205	ALL	669255.3	4342431	NonCancer	6.85E-06	2.39E-05	6.26E-05	0.00E+00	0.00E+00	0.00E+00	2.70E-05	9.70E-06	0.00E+00	9.10E-07	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	6.26E-05
206	ALL	669476.7	4342431	NonCancer	7.28E-06	2.35E-05	5.89E-05	0.00E+00	0.00E+00	0.00E+00	2.73E-05	1.01E-05	0.00E+00	8.45E-07	0.00E+00	0.00E+00	3.83E-06	0.00E+00	0.00E+00	5.89E-05
207	ALL	669698	4342431	NonCancer	8.07E-06	2.46E-05	5.98E-05	0.00E+00	0.00E+00	0.00E+00	2.91E-05	1.04E-05	0.00E+00	8.50E-07	0.00E+00	0.00E+00	4.53E-06	0.00E+00	0.00E+00	5.98E-05
208	ALL	669919.3	4342431	NonCancer	9.16E-06	2.58E-05	5.97E-05	0.00E+00	0.00E+00	0.00E+00	3.14E-05	1.11E-05	0.00E+00	8.35E-07	0.00E+00	0.00E+00	5.62E-06	0.00E+00	0.00E+00	5.97E-05
209	ALL	670140.6	4342431	NonCancer	1.07E-05	2.90E-05	6.52E-05	0.00E+00	0.00E+00	0.00E+00	3.58E-05	1.24E-05	0.00E+00	9.03E-07	0.00E+00	0.00E+00	6.85E-06	0.00E+00	0.00E+00	6.52E-05
210	ALL	670361.9	4342431	NonCancer	1.30E-05	3.33E-05	7.17E-05	0.00E+00	0.00E+00	0.00E+00	4.21E-05	1.69E-05	0.00E+00	9.78E-07	0.00E+00	0.00E+00	8.84E-06	0.00E+00	0.00E+00	7.17E-05
211	ALL	670583.2	4342431	NonCancer	2.27E-05	5.40E-05	1.36E-04	0.00E+00	0.00E+00	0.00E+00	9.84E-05	3.17E-05	0.00E+00	1.53E-06	0.00E+00	0.00E+00	4.46E-05	0.00E+00	0.00E+00	1.36E-04
212	ALL	670804.5	4342431	NonCancer	3.01E-05	7.41E-05	1.93E-04	0.00E+00	0.00E+00	0.00E+00	1.34E-04	8.74E-05	0.00E+00	2.19E-06	0.00E+00	0.00E+00	6.00E-05	0.00E+00	0.00E+00	1.93E-04
213	ALL	671025.8	4342431	NonCancer	4.63E-05	1.40E-04	4.00E-04	0.00E+00	0.00E+00	0.00E+00	2.27E-04	2.11E-04	0.00E+00	4.99E-06	0.00E+00	0.00E+00	8.80E-05	0.00E+00	0.00E+00	4.00E-04
214	ALL	671247.1	4342431	NonCancer	1.79E-05	6.01E-05	1.76E-04	0.00E+00	0.00E+00	0.00E+00	8.96E-05	1.47E-04	0.00E+00	2.30E-06	0.00E+00	0.00E+00	2.96E-05	0.00E+00	0.00E+00	1.76E-04
215	ALL	671468.4	4342431	NonCancer	1.24E-05	3.99E-05	1.20E-04	0.00E+00	0.00E+00	0.00E+00	6.65E-05	5.80E-05	0.00E+00	1.50E-06	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	1.20E-04
216	ALL	671689.8	4342431	NonCancer	1.03E-05	3.40E-05	1.02E-04	0.00E+00	0.00E+00	0.00E+00	5.48E-05	3.42E-05	0.00E+00	1.30E-06	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	1.02E-04
217	ALL	671911.1	4342431	NonCancer	9.06E-06	3.02E-05	9.48E-05	0.00E+00	0.00E+00	0.00E+00	5.24E-05	2.25E-05	0.00E+00	1.17E-06	0.00E+00	0.00E+00	2.23E-05	0.00E+00	0.00E+00	9.48E-05
218	ALL	672132.4	4342431	NonCancer	1.27E-05	3.55E-05	1.03E-04	0.00E+00	0.00E+00	0.00E+00	6.46E-05	1.66E-05	0.00E+00	1.20E-06	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	1.03E-04
219	ALL	672353.7	4342431	NonCancer	1.44E-05	3.87E-05	1.01E-04	0.00E+00	0.00E+00	0.00E+00	6.27E-05	1.32E-05	0.00E+00	1.24E-06	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	1.01E-04
220	ALL	672575	4342431	NonCancer	9.10E-06	2.49E-05	5.45E-05	0.00E+00	0.00E+00	0.00E+00	2.88E-05	1.05E-05	0.00E+00	7.78E-07	0.00E+00	0.00E+00	3.88E-06	0.00E+00	0.00E+00	5.45E-05
221	ALL	668148.8	4342596	NonCancer	3.92E-06	1.39E-05	3.67E-05	0.00E+00	0.00E+00	0.00E+00	1.56E-05	7.49E-06	0.00E+00	5.36E-07	0.00E+00	0.00E+00	1.67E-06	0.00E+00	0.00E+00	3.67E-05
222	ALL	668370.1	4342596	NonCancer	4.18E-06	1.45E-05	3.76E-05	0.00E+00	0.00E+00	0.00E+00	1.63E-05	8.01E-06	0.00E+00	5.48E-07	0.00E+00	0.00E+00	1.81E-06	0.00E+00	0.00E+00	3.76E-05
223	ALL	668591.4	4342596	NonCancer	4.41E-06	1.47E-05	3.72E-05	0.00E+00	0.00E+00	0.00E+00	1.67E-05	8.60E-06	0.00E+00	5.39E-07	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	3.72E-05
224	ALL	668812.7	4342596	NonCancer	5.70E-06	2.11E-05	5.69E-05	0.00E+00	0.00E+00	0.00E+00	2.34E-05	9.67E-06	0.00E+00	8.34E-07	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	5.69E-05
225	ALL	669034	4342596	NonCancer	6.31E-06	2.32E-05	6.20E-05	0.00E+00	0.00E+00	0.00E+00	2.57E-05	1.02E-05	0.00E+00	9.08E-07	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	6.20E-05
226	ALL	669255.3	4342596	NonCancer	7.49E-06	2.81E-05	7.62E-05	0.00E+00	0.00E+00	0.00E+00	3.11E-05	1.08E-05	0.00E+00	1.12E-06	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	7.62E-05
227	ALL	669476.7	4342596	NonCancer	8.03E-06	2.89E-05	7.66E-05	0.00E+00	0.00E+00	0.00E+00	3.23E-05	1.10E-05	0.00E+00	1.12E-06	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	7.66E-05
228	ALL	669698	4342596	NonCancer	8.32E-06	2.71E-05	6.83E-05	0.00E+00	0.00E+00	0.00E+00	3.14E-05	1.12E-05	0.00E+00	9.82E-07	0.00E+00	0.00E+00	4.31E-06	0.00E+00	0.00E+00	6.83E-05
229	ALL	669919.3	4342596	NonCancer	1.02E-05	3.42E-05	8.81E-05	0.00E+00	0.00E+00	0.00E+00	3.92E-05	1.22E-05	0.00E+00	1.27E-06	0.00E+00	0.00E+00	5.03E-06	0.00E+00	0.00E+00	8.81E-05
230	ALL	670140.6	4342596	NonCancer	1.10E-05	3.17E-05	7.41E-05	0.00E+00	0.00E+00	0.00E+00	3.81E-05	1.60E-05	0.00E+00	1.04E-06	0.00E+00	0.00E+00	6.48E-06	0.00E+00	0.00E+00	7.41E-05
231	ALL	670361.9	4342596	NonCancer	1.53E-05	4.26E-05	9.56E-05	0.00E+00	0.00E+00	0.00E+00	5.02E-05	3.02E-05	0.00E+00	1.35E-06	0.00E+00	0.00E+00	7.61E-06	0.00E+00	0.00E+00	9.56E-05
232	ALL	670583.2	4342596	NonCancer	1.50E-05	4.19E-05	1.17E-04	0.00E+00	0.00E+00	0.00E+00	7.16E-05	7.05E-05	0.00E+00	1.41E-06	0.00E+00	0.00E+00	2.98E-05	0.00E+00	0.00E+00	1.17E-04
233	ALL	670804.5	4342596	NonCancer	2.50E-05	7.21E-05	1.99E-04	0.00E+00	0.00E+00	0.00E+00	1.17E-04	1.05E-04	0.00E+00	2.48E-06	0.00E+00	0.00E+00	4.48E-05	0.00E+00	0.00E+00	1.99E-04
234	ALL	671025.8	4342596	NonCancer	3.88E-05	1.25E-04	3.62E-04	0.00E+00	0.00E+00	0.00E+00	1.92E-04	1.48E-04	0.00E+00	4.67E-06	0.00E+00	0.00E+00	6.70E-05	0.00E+00	0.00E+00	3.62E-04
235	ALL	671247.1	4342596	NonCancer	2.22E-05	7.03E-05	2.04E-04	0.00E+00	0.00E+00	0.00E+00	1.11E-04	1.11E-04	0.00E+00	2.60E-06	0.00E+00	0.00E+00	4.13E-05	0.00E+00	0.00E+00	2.04E-04
236	ALL	671468.4	4342596	NonCancer	8.16E-06	2.56E-05	7.63E-05	0.00E+00	0.00E+00	0.00E+00	4.27E-05	4.92E-05	0.00E+00	9.49E-07	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	7.63E-05
237	ALL	671689.8	4342596	NonCancer	5.99E-06	1.83E-05	5.27E-05	0.00E+00	0.00E+00	0.00E+00	2.98E-05	2.63E-05	0.00E+00	6.59E-07	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	5.27E-05
238	ALL	671911.1	4342596	NonCancer	5.41E-06	1.74E-05	5.11E-05	0.00E+00	0.00E+00	0.00E+00	2.78E-05	1.85E-05	0.00E+00	6.47E-07	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	5.11E-05
239	ALL	672132.4	4342596	NonCancer	7.39E-06	2.42E-05	7.47E-05	0.00E+00	0.00E+00	0.00E+00	4.16E-05	1.46E-05	0.00E+00	9.22E-07	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	7.47E-05
240	ALL	672353.7	4342596	NonCancer	1.42E-05	3.92E-05	1.09E-04	0.00E+00	0.00E+00	0.00E+00	6.79E-05	1.22E-05	0.00E+00	1.30E-06	0.00E+00	0.00E+00	2.88E-05	0.00E+00	0.00E+00	1.09E-04
241	ALL	672575	4342596	NonCancer	1.01E-05	3.05E-05	7.17E-05	0.00E+00	0.00E+00	0.00E+00	3.42E-05	1.02E-05	0.00E+00	1.04E-06	0.00E+00	0.00E+00	3.62E-06	0.00E+00	0.00E+00	7.17E-05
242	ALL	668148.8	4342761	NonCancer	5.45E-06	2.33E-05	6.68E-05	0.00E+00	0.00E+00	0.00E+00	2.50E-05	8.61E-06	0.00E+00	9.92E-07	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	6.68E-05
243	ALL	668370.1	4342761	NonCancer	5.94E-06	2.53E-05	7.23E-05	0.00E+00	0.00E+00	0.00E+00	2.72E-05	9.36E-06	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.89E-06	0.00E+00	0.00E+00	7.23E-05
244	ALL	668591.4	4342761	NonCancer	5.81E-06	2.34E-05	6.53E-05	0.00E+00	0.00E+00	0.00E+00	2.54E-05	9.85E-06	0.00E+00	9.65E-07	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	6.53E-05
245	ALL	668812.7	4342761	NonCancer	6.51E-06	2.64E-05	7.38E-05	0.00E+00	0.00E+00	0.00E+00	2.86E-05	1.07E-05	0.00E+00	1.09E-06	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	7.38E-05
246	ALL	669034	4342761	NonCancer	7.11E-06	2.82E-05	7.85E-05	0.00E+00	0.00E+00	0.00E+00	3.09E-05	1.14E-05	0.00E+00	1.16E-06	0.00E+00	0.00E+00	2.65E-06	0.00E+00	0.00E+00	7.85E-05
247	ALL	669255.3	4342761	NonCancer	7.41E-06	2.81E-05	7.64E-05	0.00E+00	0.00E+00	0.00E+00	3.11E-05	1.15E-05	0.00E+00	1.12E-06	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	7.64E-05
248	ALL	669476.7	4342761	NonCancer	9.76E-06	4.03E-05	1.14E-04	0.00E+00	0.00E+00	0.00E+00	4.37E-05	1.20E-05	0.00E+00	1.68E-06	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	1.14E-04
249	ALL	669698	4342761	NonCancer	8.86E-06	2.74E-05	6.66E-05	0.00E+00	0.00E+00	0.00E+00	3.17E-05	1.30E-05	0.00E+00	9.55E-07	0.00E+00	0.00E+00	4.35E-06	0.00E+00	0.00E+00	6.66E-05
250	ALL	669919.3	4342761	NonCancer	9.94E-06	3.02E-05	7.27E-05	0.00E+00	0.00E+00	0.00E+00	3.52E-05	1.58E-05	0.00E+00	1.04E-06	0.00E+00	0.00E+00	4.99E-06	0.00E+00	0.00E+00	7.27E-05
251	ALL	670140.6	4342761	NonCancer	1.39E-05	3.56E-05	9.43E-05	0.00E+00	0.00E+00	0.00E+00	6.30E-05	2.29E-05	0.00E+00	1.10E-06	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	9.43E-05
252	ALL	670361.9	4342761	NonCancer	1.62E-05	4.13E-05	1.12E-04	0.00E+00	0.00E+00	0.00E+00	7.60E-05	3.86E-05	0.00E+00	1.28E-06	0.00E+00	0.00E+00	3.47E-05	0.00E+00	0.00E+00	1.12E-04
253	ALL	670583.2	4342761	NonCancer	1.24E-05	3.94E-05	1.14E-04	0.00E+00	0.00E+00	0.00E+00	6.21E-05	7.17E-05	0.00E+00	1.46E-06	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	1.14E-04
254	ALL	670804.5	4342761	NonCancer	2.55E-05	1.04E-04	3.15E-04	0.00E+00	0.00E+00	0.00E+00	1.34E-04	9.32E-05	0.00E+00	4.41E-06	0.00E+00	0.00E+00	2.99E-05	0.00E+00	0.00E+00	3.15E-04
255	ALL	671025.8	4342761	NonCancer	2.15E-05	7.72E-05	2.28E-04	0.00E+00	0.00E+00	0.00E+00	1.09E-04	1.04E-04	0.00E+00	3.07E-06	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	2.28E-04
256	ALL	671247.1	4342761	NonCancer	9.15E-06	2.86E-05	8.31E-05	0.00E+00	0.00E+00	0.00E+00	4.58E-05	7.77E-05	0.00E+00	1.05E-06	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	8.31E-05
257	ALL	671468.4	4342761	NonCancer	6.43E-06	2.00E-05	5.75E-05	0.00E+00	0.00E+00	0.00E+00	3.16E-05	4.35E-05	0.00E+00	7.30E-07	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	5.75E-05
258	ALL	671689.8	4342761	NonCancer	5.35E-06	1.66E-05	4.75E-05	0.00E+00	0.00E+00	0.00E+00	2.63E-05	2.41E-05	0.00E+00	6.01E-07	0.00E+00	0.00E+00	9.80E-06	0.00E+00	0.00E+00	4.75E-05
259	ALL	671911.1	4342761	NonCancer	4.45E-06	1.39E-05	3.92E-05	0.00E+00	0.00E+00	0.00E+00	2.14E-05	1.50E-05	0.00E+00	5.04E-07	0.00E+00	0.00E+00	7.53E-06	0.00E+00	0.00E+00	3.92E-05
260	ALL	672132.4	4342761	NonCancer	4.71E-06	1.58E-05	4.95E-05	0.00E+00	0.00E+00	0.00E+00	2.73E-05	1.28E-05	0.00E+00	6.11E-07	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	4.95E-05
261	ALL	672353.7	4342761	NonCancer	1.25E-05	3.48E-05	9.76E-05	0.00E+00	0.00E+00	0.00E+00	6.07E-05	1.09E-05	0.00E+00	1.17E-06	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	9.76E-05
262	ALL	672575	4342761	NonCancer	1.19E-05	3.40E-05	9.32E-05	0.00E+00	0.00E+00	0.00E+00	5.53E-05	9.12E-06	0.00E+00	1.15E-06	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	9.32E-05
263	ALL	668148.8	4342926	NonCancer	6.16E-06	2.78E-05	8.11E-05	0.00E+00	0.00E+00	0.00E+00	2.94E-05	9.47E-06	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	8.11E-05
264	ALL	668370.1	4342926	NonCancer	6.63E-06	2.98E-05	8.68E-05	0.00E+00	0.00E+00	0.00E+00	3.16E-05	1.02E-05	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.83E-06	0.00E+00	0.00E+00	8.68E-05
265	ALL	668591.4	4342926	NonCancer	6.02E-06	2.48E-05	7.00E-05	0.00E+00	0.00E+00	0.00E+00	2.69E-05	1.05E-05	0.00E+00	1.04E-06	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	7.00E-05
266	ALL	668812.7	4342926	NonCancer	6.94E-06	2.93E-05	8.34E-05	0.00E+00	0.00E+00	0.00E+00	3.15E-05	1.11E-05	0.00E+00	1.24E-06	0.00E+00	0.00E+00	2.25E-06	0.00E+00	0.00E+00	8.34E-05
267	ALL	669034	4342926	NonCancer	7.75E-06	3.28E-05	9.34E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-05	1.16E-05	0.00E+00	1.38E-06	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	9.34E-05
268	ALL	669476.7	4342926	NonCancer	9.41E-06	3.86E-05	1.09E-04	0.00E+00	0.00E+00	0.00E+00	4.20E-05	1.24E-05	0.00E+00	1.61E-06	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	1.09E-04
269	ALL	669698	4342926	NonCancer	9.82E-06	3.34E-05	8.56E-05	0.00E+00	0.00E+00	0.00E+00	3.73E-05	1.62E-05	0.00E+00	1.25E-06	0.00E+00	0.00E+00	3.91E-06	0.00E+00	0.00E+00	8.56E-05
270	ALL	669919.3	4342926	NonCancer	1.19E-05	3.28E-05	8.71E-05	0.00E+00	0.00E+00	0.00E+00	5.29E-05	1.99E-05	0.00E+00	1.08E-06	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	8.71E-05
271	ALL	670140.6	4342926	NonCancer	1.35E-05	3.83E-05	1.08E-04	0.00E+00	0.00E+00	0.00E+00	6.57E-05	3.19E-05	0.00E+00	1.30E-06	0.00E+00	0.00E+00	2.75E-05	0.00E+00	0.00E+00	1.08E-04
272	ALL	670361.9	4342926	NonCancer	1.54E-05	4.73E-05	1.35E-04	0.00E+00	0.00E+00	0.00E+00	7.56E-05	4.71E-05	0.00E+00	1.70E-06	0.00E+00	0.00E+00	2.83E-05	0.00E+00	0.00E+00	1.35E-04
273	ALL	670583.2	4342926	NonCancer	2.48E-05	9.02E-05	2.64E-04	0.00E+00	0.00E+00	0.00E+00	1.24E-04	6.08E-05	0.00E+00	3.59E-06	0.00E+00	0.00E+00	3.41E-05	0.00E+00	0.00E+00	2.64E-04
274	ALL	670804.5	4342926	NonCancer	2.86E-05	1.11E-04	3.30E-04	0.00E+00	0.00E+00	0.00E+00	1.48E-04	7.46E-05	0.00E+00	4.55E-06	0.00E+00	0.00E+00	3.78E-05	0.00E+00	0.00E+00	3.30E-04
275	ALL	671025.8	4342926	NonCancer	6.94E-06	2.16E-05	6.21E-05	0.00E+00	0.00E+00	0.00E+00	3.40E-05	7.04E-05	0.00E+00	7.90E-07	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	7.04E-05
276	ALL	671247.1	4342926	NonCancer	7.06E-06	2.14E-05	6.22E-05	0.00E+00	0.00E+00	0.00E+00	3.53E-05	5.87E-05	0.00E+00	7.74E-07	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	6.22E-05
277	ALL	671468.4	4342926	NonCancer	5.13E-06	1.59E-05	4.46E-05	0.00E+00	0.00E+00	0.00E+00	2.40E-05	3.49E-05	0.00E+00	5.78E-07	0.00E+00	0.00E+00	8.11E-06	0.00E+00	0.00E+00	4.46E-05
278	ALL	671689.8	4342926	NonCancer	4.41E-06	1.37E-05	3.87E-05	0.00E+00	0.00E+00	0.00E+00	2.09E-05	2.11E-05	0.00E+00	4.99E-07	0.00E+00	0.00E+00	7.19E-06	0.00E+00	0.00E+00	3.87E-05
279	ALL	671911.1	4342926	NonCancer	3.74E-06	1.17E-05	3.35E-05	0.00E+00	0.00E+00	0.00E+00	1.84E-05	1.35E-05	0.00E+00	4.27E-07	0.00E+00	0.00E+00	6.71E-06	0.00E+00	0.00E+00	3.35E-05
280	ALL	672132.4	4342926	NonCancer	3.06E-06	9.90E-06	3.00E-05	0.00E+00	0.00E+00	0.00E+00	1.65E-05	9.62E-06	0.00E+00	3.74E-07	0.00E+00	0.00E+00	6.64E-06	0.00E+00	0.00E+00	3.00E-05
281	ALL	672353.7	4342926	NonCancer	5.55E-06	1.70E-05	5.18E-05	0.00E+00	0.00E+00	0.00E+00	3.05E-05	9.53E-06	0.00E+00	6.23E-07	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	5.18E-05
282	ALL	672575	4342926	NonCancer	1.00E-05	2.80E-05	7.81E-05	0.00E+00	0.00E+00	0.00E+00	4.81E-05	8.10E-06	0.00E+00	9.40E-07	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	7.81E-05
283	ALL	668148.8	4343090	NonCancer	5.87E-06	2.62E-05	7.63E-05	0.00E+00	0.00E+00	0.00E+00	2.78E-05	9.66E-06	0.00E+00	1.14E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	7.63E-05
284	ALL	668370.1	4343090	NonCancer	6.28E-06	2.79E-05	8.11E-05	0.00E+00	0.00E+00	0.00E+00	2.96E-05	1.02E-05	0.00E+00	1.21E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	8.11E-05
285	ALL	668591.4	4343090	NonCancer	7.10E-06	3.18E-05	9.27E-05	0.00E+00	0.00E+00	0.00E+00	3.38E-05	1.07E-05	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	9.27E-05
286	ALL	669476.7	4343090	NonCancer	1.34E-05	6.44E-05	1.92E-04	0.00E+00	0.00E+00	0.00E+00	6.72E-05	1.52E-05	0.00E+00	2.88E-06	0.00E+00	0.00E+00	2.86E-06	0.00E+00	0.00E+00	1.92E-04
287	ALL	669698	4343090	NonCancer	1.08E-05	4.54E-05	1.29E-04	0.00E+00	0.00E+00	0.00E+00	4.87E-05	1.77E-05	0.00E+00	1.92E-06	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	1.29E-04
288	ALL	669919.3	4343090	NonCancer	1.16E-05	4.45E-05	1.21E-04	0.00E+00	0.00E+00	0.00E+00	4.84E-05	2.49E-05	0.00E+00	1.79E-06	0.00E+00	0.00E+00	3.94E-06	0.00E+00	0.00E+00	1.21E-04
289	ALL	670140.6	4343090	NonCancer	1.44E-05	4.55E-05	1.26E-04	0.00E+00	0.00E+00	0.00E+00	6.60E-05	3.38E-05	0.00E+00	1.66E-06	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	1.26E-04
290	ALL	670361.9	4343090	NonCancer	2.10E-05	9.08E-05	2.60E-04	0.00E+00	0.00E+00	0.00E+00	9.60E-05	4.79E-05	0.00E+00	3.88E-06	0.00E+00	0.00E+00	5.21E-06	0.00E+00	0.00E+00	2.60E-04
291	ALL	670583.2	4343090	NonCancer	1.97E-05	8.28E-05	2.35E-04	0.00E+00	0.00E+00	0.00E+00	8.86E-05	5.28E-05	0.00E+00	3.49E-06	0.00E+00	0.00E+00	5.81E-06	0.00E+00	0.00E+00	2.35E-04
292	ALL	670804.5	4343090	NonCancer	2.11E-05	7.03E-05	2.01E-04	0.00E+00	0.00E+00	0.00E+00	1.02E-04	5.89E-05	0.00E+00	2.66E-06	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	2.01E-04
293	ALL	671025.8	4343090	NonCancer	5.92E-06	1.87E-05	5.34E-05	0.00E+00	0.00E+00	0.00E+00	2.85E-05	5.24E-05	0.00E+00	6.92E-07	0.00E+00	0.00E+00	9.75E-06	0.00E+00	0.00E+00	5.34E-05
294	ALL	671247.1	4343090	NonCancer	5.69E-06	1.76E-05	5.09E-05	0.00E+00	0.00E+00	0.00E+00	2.83E-05	4.52E-05	0.00E+00	6.41E-07	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	5.09E-05
295	ALL	671468.4	4343090	NonCancer	4.23E-06	1.31E-05	3.71E-05	0.00E+00	0.00E+00	0.00E+00	2.02E-05	2.95E-05	0.00E+00	4.75E-07	0.00E+00	0.00E+00	7.17E-06	0.00E+00	0.00E+00	3.71E-05
296	ALL	671689.8	4343090	NonCancer	3.51E-06	1.12E-05	3.31E-05	0.00E+00	0.00E+00	0.00E+00	1.82E-05	1.85E-05	0.00E+00	4.16E-07	0.00E+00	0.00E+00	7.01E-06	0.00E+00	0.00E+00	3.31E-05

297	ALL	671911.1	4343090	NonCancer	3.18E-06	1.01E-05	3.01E-05	0.00E+00	0.00E+00	1.66E-05	1.22E-05	0.00E+00	3.77E-07	0.00E+00	0.00E+00	6.55E-06	0.00E+00	0.00E+00	3.01E-05
298	ALL	672132.4	4343090	NonCancer	2.86E-06	9.23E-06	2.65E-05	0.00E+00	0.00E+00	1.41E-05	8.88E-06	0.00E+00	3.43E-07	0.00E+00	0.00E+00	4.86E-06	0.00E+00	0.00E+00	2.65E-05
299	ALL	672353.7	4343090	NonCancer	2.47E-06	8.09E-06	2.34E-05	0.00E+00	0.00E+00	1.22E-05	6.66E-06	0.00E+00	3.04E-07	0.00E+00	0.00E+00	4.14E-06	0.00E+00	0.00E+00	2.34E-05
300	ALL	672575	4343090	NonCancer	3.06E-06	9.98E-06	3.13E-05	0.00E+00	0.00E+00	1.76E-05	6.55E-06	0.00E+00	3.82E-07	0.00E+00	0.00E+00	7.65E-06	0.00E+00	0.00E+00	3.13E-05
301	ALL	668148.8	4343255	NonCancer	1.00E-05	5.18E-05	1.58E-04	0.00E+00	0.00E+00	5.33E-05	1.11E-05	0.00E+00	2.38E-06	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	1.58E-04
302	ALL	668370.1	4343255	NonCancer	9.96E-06	5.08E-05	1.54E-04	0.00E+00	0.00E+00	5.24E-05	1.12E-05	0.00E+00	2.32E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.54E-04
303	ALL	668591.4	4343255	NonCancer	8.46E-06	4.06E-05	1.21E-04	0.00E+00	0.00E+00	4.24E-05	1.07E-05	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	1.21E-04
304	ALL	669476.7	4343255	NonCancer	1.11E-05	5.10E-05	1.50E-04	0.00E+00	0.00E+00	5.37E-05	1.67E-05	0.00E+00	2.23E-06	0.00E+00	0.00E+00	2.74E-06	0.00E+00	0.00E+00	1.50E-04
305	ALL	669698	4343255	NonCancer	2.22E-05	1.16E-04	3.57E-04	0.00E+00	0.00E+00	1.19E-04	2.46E-05	0.00E+00	5.37E-06	0.00E+00	0.00E+00	3.11E-06	0.00E+00	0.00E+00	3.57E-04
306	ALL	669919.3	4343255	NonCancer	2.40E-05	1.23E-04	3.76E-04	0.00E+00	0.00E+00	1.27E-04	3.14E-05	0.00E+00	5.65E-06	0.00E+00	0.00E+00	3.60E-06	0.00E+00	0.00E+00	3.76E-04
307	ALL	670140.6	4343255	NonCancer	2.46E-05	1.23E-04	3.71E-04	0.00E+00	0.00E+00	1.27E-04	3.85E-05	0.00E+00	5.57E-06	0.00E+00	0.00E+00	4.07E-06	0.00E+00	0.00E+00	3.71E-04
308	ALL	670361.9	4343255	NonCancer	1.88E-05	8.61E-05	2.53E-04	0.00E+00	0.00E+00	9.05E-05	4.08E-05	0.00E+00	3.77E-06	0.00E+00	0.00E+00	4.49E-06	0.00E+00	0.00E+00	2.53E-04
309	ALL	670583.2	4343255	NonCancer	1.53E-05	6.30E-05	1.78E-04	0.00E+00	0.00E+00	6.78E-05	4.26E-05	0.00E+00	2.63E-06	0.00E+00	0.00E+00	4.86E-06	0.00E+00	0.00E+00	1.78E-04
310	ALL	670804.5	4343255	NonCancer	1.75E-05	6.73E-05	1.83E-04	0.00E+00	0.00E+00	7.29E-05	4.92E-05	0.00E+00	2.71E-06	0.00E+00	0.00E+00	5.61E-06	0.00E+00	0.00E+00	1.83E-04
311	ALL	671025.8	4343255	NonCancer	4.93E-06	1.55E-05	4.44E-05	0.00E+00	0.00E+00	2.39E-05	4.13E-05	0.00E+00	5.71E-07	0.00E+00	0.00E+00	8.39E-06	0.00E+00	0.00E+00	4.44E-05
312	ALL	671247.1	4343255	NonCancer	4.49E-06	1.38E-05	3.99E-05	0.00E+00	0.00E+00	2.24E-05	3.49E-05	0.00E+00	5.00E-07	0.00E+00	0.00E+00	8.62E-06	0.00E+00	0.00E+00	3.99E-05
313	ALL	671468.4	4343255	NonCancer	3.84E-06	1.19E-05	3.45E-05	0.00E+00	0.00E+00	1.91E-05	2.57E-05	0.00E+00	4.36E-07	0.00E+00	0.00E+00	7.14E-06	0.00E+00	0.00E+00	3.45E-05
314	ALL	671689.8	4343255	NonCancer	3.20E-06	9.90E-06	2.82E-05	0.00E+00	0.00E+00	1.55E-05	1.65E-05	0.00E+00	3.59E-07	0.00E+00	0.00E+00	5.60E-06	0.00E+00	0.00E+00	2.82E-05
315	ALL	671911.1	4343255	NonCancer	2.80E-06	8.71E-06	2.44E-05	0.00E+00	0.00E+00	1.32E-05	1.11E-05	0.00E+00	3.15E-07	0.00E+00	0.00E+00	4.51E-06	0.00E+00	0.00E+00	2.44E-05
316	ALL	672132.4	4343255	NonCancer	2.53E-06	8.08E-06	2.31E-05	0.00E+00	0.00E+00	1.23E-05	8.09E-06	0.00E+00	2.98E-07	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	2.31E-05
317	ALL	672353.7	4343255	NonCancer	2.41E-06	7.64E-06	2.21E-05	0.00E+00	0.00E+00	1.20E-05	6.27E-06	0.00E+00	2.82E-07	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	2.21E-05
318	ALL	672575	4343255	NonCancer	2.00E-06	6.61E-06	1.92E-05	0.00E+00	0.00E+00	1.01E-05	4.88E-06	0.00E+00	2.50E-07	0.00E+00	0.00E+00	3.48E-06	0.00E+00	0.00E+00	1.92E-05
319	ALL	668148.8	4343420	NonCancer	1.35E-05	7.37E-05	2.28E-04	0.00E+00	0.00E+00	7.52E-05	1.20E-05	0.00E+00	3.44E-06	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	2.28E-04
320	ALL	668370.1	4343420	NonCancer	1.75E-05	9.73E-05	3.03E-04	0.00E+00	0.00E+00	9.89E-05	1.35E-05	0.00E+00	4.58E-06	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	3.03E-04
321	ALL	668591.4	4343420	NonCancer	2.18E-05	1.23E-04	3.84E-04	0.00E+00	0.00E+00	1.25E-04	1.54E-05	0.00E+00	5.81E-06	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	3.84E-04
322	ALL	668812.7	4343420	NonCancer	2.45E-05	1.38E-04	4.32E-04	0.00E+00	0.00E+00	1.40E-04	1.70E-05	0.00E+00	6.53E-06	0.00E+00	0.00E+00	1.91E-06	0.00E+00	0.00E+00	4.32E-04
323	ALL	669034	4343420	NonCancer	2.10E-05	1.16E-04	3.61E-04	0.00E+00	0.00E+00	1.18E-04	1.69E-05	0.00E+00	5.45E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	3.61E-04
324	ALL	669255.3	4343420	NonCancer	1.78E-05	9.49E-05	2.92E-04	0.00E+00	0.00E+00	9.71E-05	1.76E-05	0.00E+00	4.41E-06	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.92E-04
325	ALL	669476.7	4343420	NonCancer	2.07E-05	1.11E-04	3.44E-04	0.00E+00	0.00E+00	1.14E-04	2.13E-05	0.00E+00	5.18E-06	0.00E+00	0.00E+00	2.40E-06	0.00E+00	0.00E+00	3.44E-04
326	ALL	669698	4343420	NonCancer	1.14E-05	5.12E-05	1.49E-04	0.00E+00	0.00E+00	5.41E-05	2.26E-05	0.00E+00	2.22E-06	0.00E+00	0.00E+00	2.92E-06	0.00E+00	0.00E+00	1.49E-04
327	ALL	669919.3	4343420	NonCancer	1.35E-05	6.16E-05	1.81E-04	0.00E+00	0.00E+00	6.49E-05	2.75E-05	0.00E+00	2.70E-06	0.00E+00	0.00E+00	3.24E-06	0.00E+00	0.00E+00	1.81E-04
328	ALL	670140.6	4343420	NonCancer	1.47E-05	6.80E-05	2.01E-04	0.00E+00	0.00E+00	7.15E-05	3.08E-05	0.00E+00	3.00E-06	0.00E+00	0.00E+00	3.45E-06	0.00E+00	0.00E+00	2.01E-04
329	ALL	670361.9	4343420	NonCancer	1.35E-05	5.87E-05	1.69E-04	0.00E+00	0.00E+00	6.25E-05	3.39E-05	0.00E+00	2.51E-06	0.00E+00	0.00E+00	3.83E-06	0.00E+00	0.00E+00	1.69E-04
330	ALL	670583.2	4343420	NonCancer	1.26E-05	5.09E-05	1.42E-04	0.00E+00	0.00E+00	5.50E-05	3.58E-05	0.00E+00	2.11E-06	0.00E+00	0.00E+00	4.15E-06	0.00E+00	0.00E+00	1.42E-04
331	ALL	670804.5	4343420	NonCancer	1.34E-05	4.72E-05	1.23E-04	0.00E+00	0.00E+00	5.20E-05	4.00E-05	0.00E+00	1.80E-06	0.00E+00	0.00E+00	4.83E-06	0.00E+00	0.00E+00	1.23E-04
332	ALL	671025.8	4343420	NonCancer	1.20E-05	3.97E-05	1.16E-04	0.00E+00	0.00E+00	6.04E-05	3.67E-05	0.00E+00	1.50E-06	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	1.16E-04
333	ALL	671247.1	4343420	NonCancer	5.53E-06	1.79E-05	5.35E-05	0.00E+00	0.00E+00	2.90E-05	3.11E-05	0.00E+00	6.76E-07	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	5.35E-05
334	ALL	671468.4	4343420	NonCancer	3.19E-06	9.54E-06	2.72E-05	0.00E+00	0.00E+00	1.55E-05	2.15E-05	0.00E+00	3.39E-07	0.00E+00	0.00E+00	6.03E-06	0.00E+00	0.00E+00	2.72E-05
335	ALL	671689.8	4343420	NonCancer	2.82E-06	8.40E-06	2.35E-05	0.00E+00	0.00E+00	1.33E-05	1.50E-05	0.00E+00	2.96E-07	0.00E+00	0.00E+00	4.92E-06	0.00E+00	0.00E+00	2.35E-05
336	ALL	671911.1	4343420	NonCancer	2.30E-06	7.14E-06	2.02E-05	0.00E+00	0.00E+00	1.10E-05	1.02E-05	0.00E+00	2.59E-07	0.00E+00	0.00E+00	3.86E-06	0.00E+00	0.00E+00	2.02E-05
337	ALL	672132.4	4343420	NonCancer	2.05E-06	6.44E-06	1.87E-05	0.00E+00	0.00E+00	1.03E-05	7.38E-06	0.00E+00	2.36E-07	0.00E+00	0.00E+00	3.86E-06	0.00E+00	0.00E+00	1.87E-05
338	ALL	672353.7	4343420	NonCancer	1.88E-06	5.92E-06	1.72E-05	0.00E+00	0.00E+00	9.37E-06	5.62E-06	0.00E+00	2.18E-07	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	1.72E-05
339	ALL	672575	4343420	NonCancer	1.71E-06	5.42E-06	1.58E-05	0.00E+00	0.00E+00	8.62E-06	4.48E-06	0.00E+00	2.01E-07	0.00E+00	0.00E+00	3.21E-06	0.00E+00	0.00E+00	1.58E-05
340	ALL	668148.8	4343585	NonCancer	9.53E-06	4.89E-05	1.49E-04	0.00E+00	0.00E+00	5.05E-05	1.03E-05	0.00E+00	2.24E-06	0.00E+00	0.00E+00	1.57E-06	0.00E+00	0.00E+00	1.49E-04
341	ALL	668370.1	4343585	NonCancer	9.94E-06	5.08E-05	1.55E-04	0.00E+00	0.00E+00	5.25E-05	1.08E-05	0.00E+00	2.32E-06	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	1.55E-04
342	ALL	668591.4	4343585	NonCancer	8.37E-06	4.10E-05	1.23E-04	0.00E+00	0.00E+00	4.27E-05	1.07E-05	0.00E+00	1.85E-06	0.00E+00	0.00E+00	1.66E-06	0.00E+00	0.00E+00	1.23E-04
343	ALL	668812.7	4343585	NonCancer	1.10E-05	5.64E-05	1.72E-04	0.00E+00	0.00E+00	5.82E-05	1.28E-05	0.00E+00	2.58E-06	0.00E+00	0.00E+00	1.77E-06	0.00E+00	0.00E+00	1.72E-04
344	ALL	669034	4343585	NonCancer	9.79E-06	4.75E-05	1.42E-04	0.00E+00	0.00E+00	4.94E-05	1.40E-05	0.00E+00	2.13E-06	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	1.42E-04
345	ALL	669255.3	4343585	NonCancer	8.30E-06	3.72E-05	1.08E-04	0.00E+00	0.00E+00	3.93E-05	1.56E-05	0.00E+00	1.61E-06	0.00E+00	0.00E+00	2.15E-06	0.00E+00	0.00E+00	1.08E-04
346	ALL	669476.7	4343585	NonCancer	9.74E-06	4.47E-05	1.31E-04	0.00E+00	0.00E+00	4.70E-05	1.87E-05	0.00E+00	1.96E-06	0.00E+00	0.00E+00	2.34E-06	0.00E+00	0.00E+00	1.31E-04
347	ALL	669698	4343585	NonCancer	1.25E-05	6.01E-05	1.79E-04	0.00E+00	0.00E+00	6.26E-05	2.22E-05	0.00E+00	2.69E-06	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	1.79E-04
348	ALL	669919.3	4343585	NonCancer	1.13E-05	5.16E-05	1.51E-04	0.00E+00	0.00E+00	5.43E-05	2.47E-05	0.00E+00	2.25E-06	0.00E+00	0.00E+00	2.78E-06	0.00E+00	0.00E+00	1.51E-04
349	ALL	670140.6	4343585	NonCancer	1.05E-05	4.45E-05	1.27E-04	0.00E+00	0.00E+00	4.76E-05	2.71E-05	0.00E+00	1.89E-06	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	1.27E-04
350	ALL	670361.9	4343585	NonCancer	1.06E-05	4.31E-05	1.21E-04	0.00E+00	0.00E+00	4.65E-05	2.92E-05	0.00E+00	1.79E-06	0.00E+00	0.00E+00	3.40E-06	0.00E+00	0.00E+00	1.21E-04
351	ALL	670583.2	4343585	NonCancer	9.99E-06	3.80E-05	1.04E-04	0.00E+00	0.00E+00	4.17E-05	3.06E-05	0.00E+00	1.53E-06	0.00E+00	0.00E+00	3.71E-06	0.00E+00	0.00E+00	1.04E-04
352	ALL	670804.5	4343585	NonCancer	9.79E-06	3.33E-05	8.57E-05	0.00E+00	0.00E+00	3.74E-05	3.15E-05	0.00E+00	1.25E-06	0.00E+00	0.00E+00	4.12E-06	0.00E+00	0.00E+00	8.57E-05
353	ALL	671025.8	4343585	NonCancer	1.09E-05	3.49E-05	8.64E-05	0.00E+00	0.00E+00	3.93E-05	3.11E-05	0.00E+00	1.25E-06	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	8.64E-05
354	ALL	671247.1	4343585	NonCancer	5.63E-06	1.85E-05	5.56E-05	0.00E+00	0.00E+00	2.98E-05	2.62E-05	0.00E+00	7.05E-07	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	5.56E-05
355	ALL	671468.4	4343585	NonCancer	3.30E-06	1.01E-05	2.96E-05	0.00E+00	0.00E+00	1.70E-05	1.99E-05	0.00E+00	3.66E-07	0.00E+00	0.00E+00	6.90E-06	0.00E+00	0.00E+00	2.96E-05
356	ALL	671689.8	4343585	NonCancer	2.77E-06	8.16E-06	2.32E-05	0.00E+00	0.00E+00	1.35E-05	1.47E-05	0.00E+00	2.87E-07	0.00E+00	0.00E+00	5.35E-06	0.00E+00	0.00E+00	2.32E-05
357	ALL	671911.1	4343585	NonCancer	2.13E-06	6.57E-06	1.87E-05	0.00E+00	0.00E+00	1.03E-05	1.00E-05	0.00E+00	2.38E-07	0.00E+00	0.00E+00	3.72E-06	0.00E+00	0.00E+00	1.87E-05
358	ALL	672132.4	4343585	NonCancer	2.02E-06	6.18E-06	1.78E-05	0.00E+00	0.00E+00	1.01E-05	7.30E-06	0.00E+00	2.23E-07	0.00E+00	0.00E+00	3.89E-06	0.00E+00	0.00E+00	1.78E-05
359	ALL	672353.7	4343585	NonCancer	1.78E-06	5.57E-06	1.58E-05	0.00E+00	0.00E+00	8.56E-06	5.38E-06	0.00E+00	2.03E-07	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	1.58E-05
360	ALL	672575	4343585	NonCancer	1.71E-06	5.30E-06	1.49E-05	0.00E+00	0.00E+00	8.12E-06	4.29E-06	0.00E+00	1.91E-07	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	1.49E-05
361	ALL	668148.8	4343750	NonCancer	8.02E-06	4.00E-05	1.21E-04	0.00E+00	0.00E+00	4.15E-05	9.72E-06	0.00E+00	1.81E-06	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	1.21E-04
362	ALL	668370.1	4343750	NonCancer	6.98E-06	3.27E-05	9.65E-05	0.00E+00	0.00E+00	3.42E-05	1.01E-05	0.00E+00	1.44E-06	0.00E+00	0.00E+00	1.56E-06	0.00E+00	0.00E+00	9.65E-05
363	ALL	668591.4	4343750	NonCancer	7.39E-06	3.48E-05	1.03E-04	0.00E+00	0.00E+00	3.64E-05	1.11E-05	0.00E+00	1.54E-06	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	1.03E-04
364	ALL	668812.7	4343750	NonCancer	8.38E-06	4.02E-05	1.20E-04	0.00E+00	0.00E+00	4.20E-05	1.26E-05	0.00E+00	1.80E-06	0.00E+00	0.00E+00	1.72E-06	0.00E+00	0.00E+00	1.20E-04
365	ALL	669034	4343750	NonCancer	7.45E-06	3.23E-05	9.25E-05	0.00E+00	0.00E+00	3.42E-05	1.47E-05	0.00E+00	1.38E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	9.25E-05
366	ALL	669255.3	4343750	NonCancer	7.09E-06	2.93E-05	8.25E-05	0.00E+00	0.00E+00	3.14E-05	1.66E-05	0.00E+00	1.22E-06	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	8.25E-05
367	ALL	669476.7	4343750	NonCancer	7.80E-06	3.34E-05	9.57E-05	0.00E+00	0.00E+00	3.57E-05	1.86E-05	0.00E+00	1.42E-06	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	9.57E-05
368	ALL	669698	4343750	NonCancer	7.88E-06	3.29E-05	9.32E-05	0.00E+00	0.00E+00	3.53E-05	2.06E-05	0.00E+00	1.38E-06	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	9.32E-05
369	ALL	669919.3	4343750	NonCancer	8.93E-06	3.80E-05	1.09E-04	0.00E+00	0.00E+00	4.06E-05	2.29E-05	0.00E+00	1.62E-06	0.00E+00	0.00E+00	2.58E-06	0.00E+00	0.00E+00	1.09E-04
370	ALL	670140.6	4343750	NonCancer	8.82E-06	3.59E-05	1.01E-04	0.00E+00	0.00E+00	3.87E-05	2.46E-05	0.00E+00	1.49E-06	0.00E+00	0.00E+00	2.82E-06	0.00E+00	0.00E+00	1.01E-04
371	ALL	670361.9	4343750	NonCancer	8.37E-06	3.13E-05	8.47E-05	0.00E+00	0.00E+00	3.45E-05	2.60E-05	0.00E+00	1.24E-06	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	8.47E-05
372	ALL	670583.2	4343750	NonCancer	8.70E-06	3.23E-05	8.70E-05	0.00E+00	0.00E+00	3.56E-05	2.64E-05	0.00E+00	1.28E-06	0.00E+00	0.00E+00	3.31E-06	0.00E+00	0.00E+00	8.70E-05
373	ALL	670804.5	4343750	NonCancer	8.66E-06	3.08E-05	8.12E-05	0.00E+00	0.00E+00	3.43E-05	2.62E-05	0.00E+00	1.19E-06	0.00E+00	0.00E+00	3.53E-06	0.00E+00	0.00E+00	8.12E-05
374	ALL	671025.8	4343750	NonCancer	8.39E-06	2.77E-05	7.02E-05	0.00E+00	0.00E+00	3.14E-05	2.50E-05	0.00E+00	1.02E-06	0.00E+00	0.00E+00	3.69E-06	0.00E+00	0.00E+00	7.02E-05
375	ALL	671247.1	4343750	NonCancer	1.03E-05	2.66E-05	6.76E-05	0.00E+00	0.00E+00	4.37E-05	2.27E-05	0.00E+00	8.17E-07	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	6.76E-05
376	ALL	671468.4	4343750	NonCancer	9.23E-06	2.40E-05	6.26E-05	0.00E+00	0.00E+00	4.04E-05	1.91E-05	0.00E+00	7.49E-07	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	6.26E-05
377	ALL	671689.8	4343750	NonCancer	8.90E-06	2.23E-05	5.88E-05	0.00E+00	0.00E+00	4.03E-05	1.54E-05	0.00E+00	6.72E-07	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	5.88E-05
378	ALL	671911.1	4343750	NonCancer	5.01E-06	1.54E-05	4.51E-05	0.00E+00	0.00E+00	2.56E-05	1.18E-05	0.00E+00	5.60E-07	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	4.51E-05
379	ALL	672132.4	4343750	NonCancer	2.28E-06	6.71E-06	1.98E-05	0.00E+00	0.00E+00	1.19E-05	7.81E-06	0.00E+00	2.37E-07	0.00E+00	0.00E+00	5.17E-06	0.00E+00	0.00E+00	1.98E-05
380	ALL	672353.7	4343750	NonCancer	1.74E-06	5.43E-06	1.52E-05	0.00E+00	0.00E+00	8.17E-06	5.43E-06	0.00E+00	1.97E-07	0.00E+00	0.00E+00	2.75E-06	0.00E+00	0.00E+00	1.52E-05
381	ALL	672575	4343750	NonCancer	1.61E-06	5.17E-06	1.51E-05	0.00E+00	0.00E+00	8.18E-06	4.30E-06	0.00E+00	1.92E-07	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	1.51E-05
382	ALL	668148.8	4343915	NonCancer	6.68E-06	3.25E-05	9.73E-05	0.00E+00	0.00E+00	3.38E-05	9.40E-06	0.00E+00	1.46E-06	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	9.73E-05
383	ALL	668370.1	4343915	NonCancer	6.16E-06	2.81E-05	8.23E-05	0.00E+00	0.00E+00	2.95E-05	1.02E-05	0.00E+00	1.23E-06	0.00E+00	0.00E+00	1.45E-06	0.00E+00	0.00E+00	8.23E-05
384	ALL	668591.4	4343915	NonCancer	5.97E-06	2.56E-05	7.30E-05	0.00E+00	0.00E+00	2.71E-05	1.15E-05	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	7.30E-05
385	ALL	668812.7	4343915	NonCancer	6.15E-06	2.61E-05	7.44E-05	0.00E+00	0.00E+00	2.78E-05	1.29E-05	0.00E+00	1.11E-06	0.00E+00	0.00E+00	1.70E-06	0.00E+00	0.00E+00	7.44E-05
386	ALL	669034	4343915	NonCancer	6.46E-06	2.63E-05	7.34E-05	0.00E+00	0.00E+00	2.81E-05	1.53E-05	0.00E+00	1.09E-06	0.00E+00	0.00E+00	1.87E-06	0.00E+00	0.00E+00	7.34E-05
387	ALL	669255.3	4343915	NonCancer	6.27E-06	2.39E-05	6.50E-05	0.00E+00	0.00E+00	2.60E-05	1.74E-05	0.00E+00	9.61E-07	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	6.50E-05
388	ALL	669476.7	4343915	NonCancer	6.00E-06	2.23E-05	6.00E-05	0.00E+00	0.00E+00	2.44E-05	1.85E-05	0.00E+00	8.82E-07	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	6.00E-05
389	ALL	669698	4343915	NonCancer	7.23E-06	2.98E-05	8.39E-05	0.00E+00	0.00E+00	3.20E-05	1.99E-05	0.00E+00	1.24E-06	0.00E+00	0.00E+00	2.26E-06	0.00E+00	0.00E+00	8.39E-05
390	ALL	669919.3	4343915	NonCancer	6.95E-06	2.71E-05	7.45E-05	0.00E+00	0.00E+00	2.95E-05	2.10E-05	0.00E+00	1.10E-06	0.00E+00	0.00E+00	2.41E-06	0.00E+00	0.00E+00	7.45E-05
391	ALL	670140.6	4343915	NonCancer	7.72E-06	3.05E-05	8.43E-05	0.00E+00	0.00E+00	3.31E-05	2.25E-05	0.00E+00	1.24E-06	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	8.43E-05
392	ALL	670361.9	4343915	NonCancer	7.77E-06	2.98E-05	8.14E-05	0.00E+00	0.00E+00	3.26E-05	2.31E-05	0.00E+00	1.20E-06	0.00E+00	0.00E+00	2.80E-06	0.00E+00	0.00E+00	8.14E-05
393	ALL	670583.2	4343915	NonCancer	7.01E-06	2.35E-05	5.98E-05	0.00E+00	0.00E+00	2.65E-05	2.31E-05	0.00E+00	8.68E-07	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	5.98E-05
394	ALL	670804.5	4343915	NonCancer	7.09E-06	2.29E-05	5.73E-05	0.00E+00	0.00E+00	2.61E-05	2.28E-05	0.00E+00	8.28E-07	0.00E+00	0.00E+00	3.18E-06	0.00E+00	0.00E+00	5.73E-05
395	ALL	671025.8	4343915	NonCancer	7.39E-06	2.16E-05	5.03E-05	0.00E+00	0.00E+00	2.49E-05	2.18E-05	0.00E+00	7.21E-07	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	5.03E-05

396	ALL	671247.1	4343915	NonCancer	7.39E-06	2.30E-05	5.62E-05	0.00E+00	0.00E+00	2.64E-05	1.93E-05	0.00E+00	8.09E-07	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	5.62E-05
397	ALL	671468.4	4343915	NonCancer	8.07E-06	2.02E-05	5.23E-05	0.00E+00	0.00E+00	3.55E-05	1.67E-05	0.00E+00	6.05E-07	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	5.23E-05
398	ALL	671689.8	4343915	NonCancer	7.55E-06	2.19E-05	6.16E-05	0.00E+00	0.00E+00	3.67E-05	1.38E-05	0.00E+00	7.54E-07	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	6.16E-05
399	ALL	671911.1	4343915	NonCancer	4.08E-06	1.28E-05	3.78E-05	0.00E+00	0.00E+00	2.11E-05	1.08E-05	0.00E+00	4.73E-07	0.00E+00	0.00E+00	8.27E-06	0.00E+00	0.00E+00	3.78E-05
400	ALL	672132.4	4343915	NonCancer	3.58E-06	1.11E-05	3.32E-05	0.00E+00	0.00E+00	1.91E-05	8.47E-06	0.00E+00	4.04E-07	0.00E+00	0.00E+00	8.12E-06	0.00E+00	0.00E+00	3.32E-05
401	ALL	672353.7	4343915	NonCancer	2.51E-06	7.68E-06	2.31E-05	0.00E+00	0.00E+00	1.35E-05	6.19E-06	0.00E+00	2.80E-07	0.00E+00	0.00E+00	5.85E-06	0.00E+00	0.00E+00	2.31E-05
402	ALL	672575	4343915	NonCancer	1.87E-06	5.62E-06	1.65E-05	0.00E+00	0.00E+00	9.61E-06	4.67E-06	0.00E+00	2.01E-07	0.00E+00	0.00E+00	4.01E-06	0.00E+00	0.00E+00	1.65E-05
403	ALL	668148.8	4344080	NonCancer	6.06E-06	2.88E-05	8.56E-05	0.00E+00	0.00E+00	3.01E-05	9.59E-06	0.00E+00	1.28E-06	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	8.56E-05
404	ALL	668370.1	4344080	NonCancer	5.92E-06	2.71E-05	7.95E-05	0.00E+00	0.00E+00	2.85E-05	1.05E-05	0.00E+00	1.19E-06	0.00E+00	0.00E+00	1.38E-06	0.00E+00	0.00E+00	7.95E-05
405	ALL	668591.4	4344080	NonCancer	5.32E-06	2.22E-05	6.28E-05	0.00E+00	0.00E+00	2.37E-05	1.17E-05	0.00E+00	9.33E-07	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	6.28E-05
406	ALL	668812.7	4344080	NonCancer	5.68E-06	2.30E-05	6.44E-05	0.00E+00	0.00E+00	2.47E-05	1.36E-05	0.00E+00	9.55E-07	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	6.44E-05
407	ALL	669034	4344080	NonCancer	5.71E-06	2.19E-05	5.96E-05	0.00E+00	0.00E+00	2.37E-05	1.57E-05	0.00E+00	8.81E-07	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	5.96E-05
408	ALL	669255.3	4344080	NonCancer	5.65E-06	2.03E-05	5.34E-05	0.00E+00	0.00E+00	2.22E-05	1.75E-05	0.00E+00	7.85E-07	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	5.34E-05
409	ALL	669476.7	4344080	NonCancer	5.52E-06	2.04E-05	5.48E-05	0.00E+00	0.00E+00	2.24E-05	1.77E-05	0.00E+00	8.05E-07	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	5.48E-05
410	ALL	669698	4344080	NonCancer	6.27E-06	2.46E-05	6.78E-05	0.00E+00	0.00E+00	2.67E-05	1.88E-05	0.00E+00	1.00E-06	0.00E+00	0.00E+00	2.13E-06	0.00E+00	0.00E+00	6.78E-05
411	ALL	669919.3	4344080	NonCancer	6.66E-06	2.60E-05	7.17E-05	0.00E+00	0.00E+00	2.83E-05	1.98E-05	0.00E+00	1.06E-06	0.00E+00	0.00E+00	2.28E-06	0.00E+00	0.00E+00	7.17E-05
412	ALL	670140.6	4344080	NonCancer	6.00E-06	1.90E-05	4.68E-05	0.00E+00	0.00E+00	2.16E-05	2.11E-05	0.00E+00	6.78E-07	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	4.68E-05
413	ALL	670361.9	4344080	NonCancer	6.79E-06	2.53E-05	6.82E-05	0.00E+00	0.00E+00	2.78E-05	2.05E-05	0.00E+00	1.00E-06	0.00E+00	0.00E+00	2.55E-06	0.00E+00	0.00E+00	6.82E-05
414	ALL	670583.2	4344080	NonCancer	6.89E-06	2.42E-05	6.34E-05	0.00E+00	0.00E+00	2.70E-05	2.07E-05	0.00E+00	9.26E-07	0.00E+00	0.00E+00	2.76E-06	0.00E+00	0.00E+00	6.34E-05
415	ALL	670804.5	4344080	NonCancer	6.73E-06	2.00E-05	4.71E-05	0.00E+00	0.00E+00	2.30E-05	2.06E-05	0.00E+00	6.77E-07	0.00E+00	0.00E+00	2.94E-06	0.00E+00	0.00E+00	4.71E-05
416	ALL	671025.8	4344080	NonCancer	8.27E-06	2.03E-05	5.25E-05	0.00E+00	0.00E+00	3.66E-05	1.87E-05	0.00E+00	5.97E-07	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	5.25E-05
417	ALL	671247.1	4344080	NonCancer	6.45E-06	1.75E-05	3.82E-05	0.00E+00	0.00E+00	2.05E-05	1.71E-05	0.00E+00	5.40E-07	0.00E+00	0.00E+00	3.07E-06	0.00E+00	0.00E+00	3.82E-05
418	ALL	671468.4	4344080	NonCancer	6.23E-06	1.90E-05	4.52E-05	0.00E+00	0.00E+00	2.15E-05	1.52E-05	0.00E+00	6.53E-07	0.00E+00	0.00E+00	2.56E-06	0.00E+00	0.00E+00	4.52E-05
419	ALL	671689.8	4344080	NonCancer	4.62E-06	1.46E-05	4.31E-05	0.00E+00	0.00E+00	2.40E-05	1.22E-05	0.00E+00	5.39E-07	0.00E+00	0.00E+00	9.45E-06	0.00E+00	0.00E+00	4.31E-05
420	ALL	671911.1	4344080	NonCancer	2.05E-06	6.08E-06	1.81E-05	0.00E+00	0.00E+00	1.09E-05	8.74E-06	0.00E+00	2.17E-07	0.00E+00	0.00E+00	4.80E-06	0.00E+00	0.00E+00	1.81E-05
421	ALL	672132.4	4344080	NonCancer	1.63E-06	4.68E-06	1.28E-05	0.00E+00	0.00E+00	7.54E-06	6.54E-06	0.00E+00	1.60E-07	0.00E+00	0.00E+00	2.87E-06	0.00E+00	0.00E+00	1.28E-05
422	ALL	672353.7	4344080	NonCancer	1.66E-06	4.77E-06	1.32E-05	0.00E+00	0.00E+00	7.80E-06	5.29E-06	0.00E+00	1.63E-07	0.00E+00	0.00E+00	3.04E-06	0.00E+00	0.00E+00	1.32E-05
423	ALL	672575	4344080	NonCancer	1.48E-06	4.41E-06	1.23E-05	0.00E+00	0.00E+00	6.99E-06	4.14E-06	0.00E+00	1.55E-07	0.00E+00	0.00E+00	2.60E-06	0.00E+00	0.00E+00	1.23E-05
424	ALL	671464.7	4342094	NonCancer	1.88E-05	6.14E-05	1.91E-04	0.00E+00	0.00E+00	1.07E-04	8.31E-05	0.00E+00	2.35E-06	0.00E+00	0.00E+00	4.54E-05	0.00E+00	0.00E+00	1.91E-04
425	ALL	671482.2	4342064	NonCancer	1.99E-05	6.71E-05	2.11E-04	0.00E+00	0.00E+00	1.16E-04	7.69E-05	0.00E+00	2.61E-06	0.00E+00	0.00E+00	4.87E-05	0.00E+00	0.00E+00	2.11E-04
426	ALL	671498.6	4342030	NonCancer	2.11E-05	7.10E-05	2.21E-04	0.00E+00	0.00E+00	1.19E-04	7.01E-05	0.00E+00	2.75E-06	0.00E+00	0.00E+00	4.87E-05	0.00E+00	0.00E+00	2.21E-04
427	ALL	671513.8	4341992	NonCancer	2.27E-05	7.60E-05	2.41E-04	0.00E+00	0.00E+00	1.33E-04	6.19E-05	0.00E+00	2.96E-06	0.00E+00	0.00E+00	5.72E-05	0.00E+00	0.00E+00	2.41E-04
428	ALL	671541.8	4341965	NonCancer	2.26E-05	7.54E-05	2.36E-04	0.00E+00	0.00E+00	1.30E-04	5.41E-05	0.00E+00	2.91E-06	0.00E+00	0.00E+00	5.50E-05	0.00E+00	0.00E+00	2.36E-04
429	ALL	671575.6	4341974	NonCancer	1.93E-05	6.57E-05	2.07E-04	0.00E+00	0.00E+00	1.12E-04	5.00E-05	0.00E+00	2.58E-06	0.00E+00	0.00E+00	4.66E-05	0.00E+00	0.00E+00	2.07E-04
430	ALL	671460.8	4342163	NonCancer	1.57E-05	4.92E-05	1.54E-04	0.00E+00	0.00E+00	8.91E-05	8.15E-05	0.00E+00	1.84E-06	0.00E+00	0.00E+00	4.00E-05	0.00E+00	0.00E+00	1.54E-04
431	ALL	671451	4342187	NonCancer	1.56E-05	4.89E-05	1.50E-04	0.00E+00	0.00E+00	8.69E-05	8.08E-05	0.00E+00	1.82E-06	0.00E+00	0.00E+00	3.81E-05	0.00E+00	0.00E+00	1.50E-04
432	ALL	671510.7	4342220	NonCancer	1.45E-05	4.69E-05	1.43E-04	0.00E+00	0.00E+00	7.98E-05	6.48E-05	0.00E+00	1.77E-06	0.00E+00	0.00E+00	3.30E-05	0.00E+00	0.00E+00	1.43E-04
433	ALL	671524.1	4342193	NonCancer	1.38E-05	4.34E-05	1.35E-04	0.00E+00	0.00E+00	7.79E-05	6.49E-05	0.00E+00	1.62E-06	0.00E+00	0.00E+00	3.46E-05	0.00E+00	0.00E+00	1.35E-04
434	ALL	671522.9	4342251	NonCancer	1.49E-05	4.78E-05	1.47E-04	0.00E+00	0.00E+00	8.26E-05	6.04E-05	0.00E+00	1.80E-06	0.00E+00	0.00E+00	3.49E-05	0.00E+00	0.00E+00	1.47E-04
435	ALL	671599.1	4342253	NonCancer	1.36E-05	4.30E-05	1.32E-04	0.00E+00	0.00E+00	7.52E-05	4.98E-05	0.00E+00	1.61E-06	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	1.32E-04
436	ALL	671627.8	4342257	NonCancer	1.37E-05	4.36E-05	1.33E-04	0.00E+00	0.00E+00	7.56E-05	4.64E-05	0.00E+00	1.63E-06	0.00E+00	0.00E+00	3.21E-05	0.00E+00	0.00E+00	1.33E-04
437	ALL	671583.9	4342116	NonCancer	1.21E-05	3.72E-05	1.14E-04	0.00E+00	0.00E+00	6.65E-05	5.51E-05	0.00E+00	1.37E-06	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	1.14E-04
438	ALL	671595.5	4342072	NonCancer	1.24E-05	3.86E-05	1.19E-04	0.00E+00	0.00E+00	6.93E-05	5.30E-05	0.00E+00	1.44E-06	0.00E+00	0.00E+00	3.07E-05	0.00E+00	0.00E+00	1.19E-04
439	ALL	671663.1	4342056	NonCancer	1.38E-05	4.53E-05	1.40E-04	0.00E+00	0.00E+00	7.69E-05	4.49E-05	0.00E+00	1.73E-06	0.00E+00	0.00E+00	3.17E-05	0.00E+00	0.00E+00	1.40E-04
440	ALL	671600.9	4342030	NonCancer	1.43E-05	4.67E-05	1.46E-04	0.00E+00	0.00E+00	8.20E-05	5.14E-05	0.00E+00	1.78E-06	0.00E+00	0.00E+00	3.54E-05	0.00E+00	0.00E+00	1.46E-04
441	ALL	671526.6	4342156	NonCancer	1.33E-05	4.15E-05	1.28E-04	0.00E+00	0.00E+00	7.46E-05	6.50E-05	0.00E+00	1.54E-06	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	1.28E-04
442	ALL	671629	4342292	NonCancer	1.36E-05	4.36E-05	1.39E-04	0.00E+00	0.00E+00	8.04E-05	4.45E-05	0.00E+00	1.66E-06	0.00E+00	0.00E+00	3.70E-05	0.00E+00	0.00E+00	1.39E-04
443	ALL	671641.8	4341981	NonCancer	1.72E-05	5.81E-05	1.79E-04	0.00E+00	0.00E+00	9.63E-05	4.35E-05	0.00E+00	2.25E-06	0.00E+00	0.00E+00	3.83E-05	0.00E+00	0.00E+00	1.79E-04
444	ALL	671666.8	4342019	NonCancer	1.56E-05	5.21E-05	1.62E-04	0.00E+00	0.00E+00	8.81E-05	4.35E-05	0.00E+00	2.01E-06	0.00E+00	0.00E+00	3.62E-05	0.00E+00	0.00E+00	1.62E-04
445	ALL	671407.1	4342220	NonCancer	1.80E-05	5.72E-05	1.71E-04	0.00E+00	0.00E+00	9.53E-05	8.90E-05	0.00E+00	2.13E-06	0.00E+00	0.00E+00	3.82E-05	0.00E+00	0.00E+00	1.71E-04
446	ALL	671415.6	4342183	NonCancer	1.82E-05	5.87E-05	1.81E-04	0.00E+00	0.00E+00	1.01E-04	9.16E-05	0.00E+00	2.23E-06	0.00E+00	0.00E+00	4.27E-05	0.00E+00	0.00E+00	1.81E-04
447	ALL	671635.1	4341706	NonCancer	3.23E-05	7.16E-05	2.15E-04	0.00E+00	0.00E+00	1.78E-04	2.18E-05	0.00E+00	1.97E-06	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	2.15E-04
448	ALL	671693.6	4341710	NonCancer	2.87E-05	6.41E-05	1.97E-04	0.00E+00	0.00E+00	1.62E-04	2.08E-05	0.00E+00	1.79E-06	0.00E+00	0.00E+00	9.86E-05	0.00E+00	0.00E+00	1.97E-04
449	ALL	671719.8	4341736	NonCancer	2.82E-05	6.21E-05	1.91E-04	0.00E+00	0.00E+00	1.60E-04	2.15E-05	0.00E+00	1.71E-06	0.00E+00	0.00E+00	9.77E-05	0.00E+00	0.00E+00	1.91E-04
450	ALL	671673.5	4341630	NonCancer	2.73E-05	5.69E-05	1.46E-04	0.00E+00	0.00E+00	1.26E-04	1.80E-05	0.00E+00	1.38E-06	0.00E+00	0.00E+00	6.92E-05	0.00E+00	0.00E+00	1.46E-04
451	ALL	671888	4341936	NonCancer	2.13E-05	5.36E-05	1.51E-04	0.00E+00	0.00E+00	1.06E-04	2.45E-05	0.00E+00	1.65E-06	0.00E+00	0.00E+00	5.23E-05	0.00E+00	0.00E+00	1.51E-04
452	ALL	671977.6	4341952	NonCancer	1.47E-05	4.45E-05	1.33E-04	0.00E+00	0.00E+00	7.82E-05	2.17E-05	0.00E+00	1.60E-06	0.00E+00	0.00E+00	3.38E-05	0.00E+00	0.00E+00	1.33E-04
453	ALL	672039.2	4341895	NonCancer	1.06E-05	3.60E-05	1.12E-04	0.00E+00	0.00E+00	6.04E-05	1.82E-05	0.00E+00	1.40E-06	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	1.12E-04
454	ALL	671858.2	4341754	NonCancer	2.38E-05	5.17E-05	1.47E-04	0.00E+00	0.00E+00	1.22E-04	1.89E-05	0.00E+00	1.37E-06	0.00E+00	0.00E+00	7.09E-05	0.00E+00	0.00E+00	1.47E-04
455	ALL	671922.8	4341634	NonCancer	2.02E-05	4.88E-05	1.44E-04	0.00E+00	0.00E+00	1.08E-04	1.44E-05	0.00E+00	1.47E-06	0.00E+00	0.00E+00	5.90E-05	0.00E+00	0.00E+00	1.44E-04
456	ALL	671613.7	4341791	NonCancer	3.22E-05	7.62E-05	2.12E-04	0.00E+00	0.00E+00	1.60E-04	2.81E-05	0.00E+00	2.20E-06	0.00E+00	0.00E+00	8.36E-05	0.00E+00	0.00E+00	2.12E-04
457	ALL	671853.3	4341731	NonCancer	2.35E-05	5.13E-05	1.48E-04	0.00E+00	0.00E+00	1.23E-04	1.82E-05	0.00E+00	1.37E-06	0.00E+00	0.00E+00	7.23E-05	0.00E+00	0.00E+00	1.48E-04
458	ALL	671783.8	4341586	NonCancer	2.27E-05	4.85E-05	1.17E-04	0.00E+00	0.00E+00	9.60E-05	1.50E-05	0.00E+00	1.19E-06	0.00E+00	0.00E+00	4.77E-05	0.00E+00	0.00E+00	1.17E-04
459	ALL	671783.2	4341547	NonCancer	2.20E-05	4.74E-05	1.17E-04	0.00E+00	0.00E+00	9.55E-05	1.40E-05	0.00E+00	1.18E-06	0.00E+00	0.00E+00	4.83E-05	0.00E+00	0.00E+00	1.17E-04
460	ALL	671769.2	4341461	NonCancer	2.12E-05	4.60E-05	1.14E-04	0.00E+00	0.00E+00	9.24E-05	1.24E-05	0.00E+00	1.17E-06	0.00E+00	0.00E+00	4.66E-05	0.00E+00	0.00E+00	1.14E-04
461	ALL	671800.9	4341421	NonCancer	2.06E-05	4.70E-05	1.28E-04	0.00E+00	0.00E+00	9.96E-05	1.15E-05	0.00E+00	1.30E-06	0.00E+00	0.00E+00	5.27E-05	0.00E+00	0.00E+00	1.28E-04
462	ALL	671880.1	4341427	NonCancer	2.00E-05	5.18E-05	1.49E-04	0.00E+00	0.00E+00	1.02E-04	1.12E-05	0.00E+00	1.64E-06	0.00E+00	0.00E+00	5.06E-05	0.00E+00	0.00E+00	1.49E-04
463	ALL	672012.4	4341505	NonCancer	9.59E-06	3.73E-05	1.18E-04	0.00E+00	0.00E+00	5.63E-05	1.13E-05	0.00E+00	1.56E-06	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	1.18E-04
464	ALL	672084.3	4341548	NonCancer	1.14E-05	4.07E-05	1.24E-04	0.00E+00	0.00E+00	6.23E-05	1.18E-05	0.00E+00	1.62E-06	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	1.24E-04
465	ALL	671915.5	4341478	NonCancer	1.91E-05	5.16E-05	1.46E-04	0.00E+00	0.00E+00	9.50E-05	1.17E-05	0.00E+00	1.69E-06	0.00E+00	0.00E+00	4.36E-05	0.00E+00	0.00E+00	1.46E-04
466	ALL	671903.3	4341564	NonCancer	2.04E-05	5.12E-05	1.48E-04	0.00E+00	0.00E+00	1.06E-04	1.32E-05	0.00E+00	1.58E-06	0.00E+00	0.00E+00	5.50E-05	0.00E+00	0.00E+00	1.48E-04
467	ALL	671863.1	4341522	NonCancer	2.12E-05	5.03E-05	1.42E-04	0.00E+00	0.00E+00	1.07E-04	1.26E-05	0.00E+00	1.47E-06	0.00E+00	0.00E+00	5.71E-05	0.00E+00	0.00E+00	1.42E-04
468	ALL	671830.1	4341336	NonCancer	1.90E-05	4.61E-05	1.33E-04	0.00E+00	0.00E+00	9.79E-05	1.03E-05	0.00E+00	1.38E-06	0.00E+00	0.00E+00	5.19E-05	0.00E+00	0.00E+00	1.33E-04
469	ALL	671835.6	4341288	NonCancer	1.84E-05	4.45E-05	1.27E-04	0.00E+00	0.00E+00	9.36E-05	9.76E-06	0.00E+00	1.32E-06	0.00E+00	0.00E+00	4.92E-05	0.00E+00	0.00E+00	1.27E-04
470	ALL	671825.9	4341275	NonCancer	1.80E-05	4.34E-05	1.23E-04	0.00E+00	0.00E+00	9.14E-05	9.66E-06	0.00E+00	1.29E-06	0.00E+00	0.00E+00	4.82E-05	0.00E+00	0.00E+00	1.23E-04
471	ALL	672136.7	4341371	NonCancer	5.96E-06	2.22E-05	6.75E-05	0.00E+00	0.00E+00	3.23E-05	7.36E-06	0.00E+00	9.00E-07	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	6.75E-05
472	ALL	671920.3	4341307	NonCancer	1.65E-05	5.06E-05	1.47E-04	0.00E+00	0.00E+00	8.42E-05	1.03E-05	0.00E+00	1.82E-06	0.00E+00	0.00E+00	3.38E-05	0.00E+00	0.00E+00	1.47E-04
473	ALL	671695.4	4341257	NonCancer	1.89E-05	5.03E-05	1.45E-04	0.00E+00	0.00E+00	9.68E-05	1.09E-05	0.00E+00	1.64E-06	0.00E+00	0.00E+00	4.66E-05	0.00E+00	0.00E+00	1.45E-04
474	ALL	671682	4341176	NonCancer	1.54E-05	4.76E-05	1.38E-04	0.00E+00	0.00E+00	7.83E-05	1.09E-05	0.00E+00	1.73E-06	0.00E+00	0.00E+00	3.08E-05	0.00E+00	0.00E+00	1.38E-04
475	ALL	671991.7	4341196	NonCancer	1.48E-05	4.60E-05	1.35E-04	0.00E+00	0.00E+00	7.55E-05	9.06E-06	0.00E+00	1.68E-06	0.00E+00	0.00E+00	2.95E-05	0.00E+00	0.00E+00	1.35E-04
476	ALL	672022.1	4341232	NonCancer	1.33E-05	4.49E-05	1.34E-04	0.00E+00	0.00E+00	7.02E-05	9.10E-06	0.00E+00	1.73E-06	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	1.34E-04
477	ALL	671992.3	4341178	NonCancer	1.25E-05	4.20E-05	1.25E-04	0.00E+00	0.00E+00	6.57E-05	9.05E-06	0.00E+00	1.61E-06	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	1.25E-04
478	ALL	671540.6	4341238	NonCancer	9.77E-06	3.59E-05	1.12E-04	0.00E+00	0.00E+00	5.60E-05	1.20E-05	0.00E+00	1.45E-06	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	1.12E-04
479	ALL	671575.3	4341178	NonCancer	8.32E-06	3.00E-05	9.23E-05	0.00E+00	0.00E+00	4.64E-05	1.07E-05	0.00E+00	1.20E-06	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	9.23E-05
480	ALL	671454.7	4341196	NonCancer	8.72E-06	3.14E-05	9.75E-05	0.00E+00	0.00E+00	4.94E-05	1.27E-05	0.00E+00	1.26E-06	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	9.75E-05
481	ALL	671523.5	4341116	NonCancer	7.06E-06	2.47E-05	7.54E-05	0.00E+00	0.00E+00	3.87E-05	1.00E-05	0.00E+00	9.72E-07	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	7.54E-05
482	ALL	671413.2	4341127	NonCancer	7.94E-06	2.76E-05	8.41E-05	0.00E+00	0.00E+00	4.33E-05	1.31E-05	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	8.41E-05
483	ALL	671471.1	4341065	NonCancer	6.58E-06	2.31E-05	7.10E-05	0.00E+00	0.00E+00	3.66E-05	1.03E-05	0.00E+00	9.13E-07	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	7.10E-05
484	ALL	671601.6	4341051	NonCancer	9.60E-06	3.54E-05	1.11E-04	0.00E+00	0.00E+00	5.54E-05	9.78E-06	0.00E+00	1.44E-06	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	1.11E-04
485	ALL	671198.6	4341254	NonCancer	7.17E-06	2.25E-05	6.95E-05	0.00E+00	0.00E+00	4.02E-05	1.74E-05	0.00E+00	8.39E-07	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	6.95E-05
486	ALL	671278.5	4341212	NonCancer	8.35E-06	2.81E-05	8.62E-05	0.00E+00	0.00E+00	4.64E-05	1.69E-05	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.84E-05	0.00E+00	0.00E+00	8.62E-05
487	ALL	671230.3	4341133	NonCancer	6.22E-06	2.05E-05	6.33E-05	0.00E+00	0.00E+00	3.49E-05	1.42E-05	0.00E+00	7.85E-07	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	6.33E-05
488	ALL	671073.1	4341272	NonCancer	6.09E-06	1.80E-05	5.31E-05	0.00E+00	0.00E+00	3.19E-05	1.89E-05	0.00E+00	6.36E-07	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	5.31E-05
489	ALL	671122.5	4341374	NonCancer	8.09E-06	2.49E-05	7.77E-05	0.00E+00	0.00E+00	4.63E-05	2.31E-05	0.00E+00	9.18E-07	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	7.77E-05
490	ALL	671118.8	4341397	NonCancer	8.70E-06	2.69E-05	8.24E-05	0.00E+00	0.00E+00	4.82E-05	2.41E-05	0.00E+00	9.90E-07	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	8.24E-05
491	ALL	670978.4	4341324	NonCancer	6.41E-06	1.90E-05	5.74E-05	0.00E+00	0.00E+00	3.48E-05	2.40E-05	0.00E+00	6.78E-07	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	5.74E-05
492	ALL	670932.9	4341394	NonCancer	7.61E-06	2.25E-05	7.03E-05	0.00E+00	0.00E+00	4.34E-05	2.98E-05	0.00E+00	8.12E-07	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	7.03E-05
493	ALL	670935.2	4341367	NonCancer	7.21E-06	2.15E-05	6.65E-05	0.00E+00	0.00E+00	4.05E-05	2.80E-05	0.00E+00	7.78E-07	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	6.65E-05
494	ALL	671108	4340976	NonCancer	5.97E-06	1.88E-05	5.77E-05	0.00E+00	0.00E+00	3.32E-05	1.34E-05	0.00E+00	7.01E-07	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	5.77E-05

495	ALL	671286.7	4340979	NonCancer	5.92E-06	1.94E-05	5.87E-05	0.00E+00	0.00E+00	3.19E-05	1.14E-05	0.00E+00	7.38E-07	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	5.87E-05
496	ALL	671675.4	4342489	NonCancer	8.15E-06	2.58E-05	7.70E-05	0.00E+00	0.00E+00	4.28E-05	3.19E-05	0.00E+00	9.61E-07	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	7.70E-05
497	ALL	671091.4	4342277	NonCancer	5.95E-05	1.53E-04	3.85E-04	0.00E+00	0.00E+00	2.48E-04	3.18E-04	0.00E+00	4.67E-06	0.00E+00	0.00E+00	9.61E-05	0.00E+00	0.00E+00	3.85E-04
498	ALL	671051.8	4342332	NonCancer	4.11E-05	1.21E-04	3.31E-04	0.00E+00	0.00E+00	1.88E-04	2.79E-04	0.00E+00	4.20E-06	0.00E+00	0.00E+00	6.76E-05	0.00E+00	0.00E+00	3.31E-04
499	ALL	671051.8	4342369	NonCancer	4.89E-05	1.48E-04	4.07E-04	0.00E+00	0.00E+00	2.23E-04	2.54E-04	0.00E+00	5.26E-06	0.00E+00	0.00E+00	7.46E-05	0.00E+00	0.00E+00	4.07E-04
500	ALL	670953	4342361	NonCancer	3.67E-05	9.36E-05	2.45E-04	0.00E+00	0.00E+00	1.63E-04	1.74E-04	0.00E+00	2.88E-06	0.00E+00	0.00E+00	6.96E-05	0.00E+00	0.00E+00	2.45E-04
501	ALL	670695.7	4342236	NonCancer	2.35E-05	5.26E-05	9.98E-05	0.00E+00	0.00E+00	7.04E-05	2.92E-05	0.00E+00	1.29E-06	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	9.98E-05
502	ALL	670545.5	4342319	NonCancer	1.68E-05	3.89E-05	7.68E-05	0.00E+00	0.00E+00	5.15E-05	2.13E-05	0.00E+00	1.01E-06	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	7.68E-05
503	ALL	670711.7	4342488	NonCancer	2.45E-05	6.32E-05	1.70E-04	0.00E+00	0.00E+00	1.14E-04	7.51E-05	0.00E+00	1.97E-06	0.00E+00	0.00E+00	5.05E-05	0.00E+00	0.00E+00	1.70E-04
504	ALL	670648.3	4342502	NonCancer	2.05E-05	5.26E-05	1.41E-04	0.00E+00	0.00E+00	9.47E-05	6.68E-05	0.00E+00	1.63E-06	0.00E+00	0.00E+00	4.22E-05	0.00E+00	0.00E+00	1.41E-04
505	ALL	670648.3	4342631	NonCancer	9.87E-06	2.90E-05	8.37E-05	0.00E+00	0.00E+00	4.91E-05	9.11E-05	0.00E+00	1.02E-06	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	9.11E-05
506	ALL	670806.3	4342728	NonCancer	2.23E-05	8.50E-05	2.54E-04	0.00E+00	0.00E+00	1.15E-04	9.62E-05	0.00E+00	3.48E-06	0.00E+00	0.00E+00	3.03E-05	0.00E+00	0.00E+00	2.54E-04
507	ALL	670688.2	4342739	NonCancer	9.16E-06	2.90E-05	8.56E-05	0.00E+00	0.00E+00	4.69E-05	8.76E-05	0.00E+00	1.08E-06	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	8.76E-05
508	ALL	670804.9	4342428	NonCancer	3.02E-05	7.44E-05	1.92E-04	0.00E+00	0.00E+00	1.32E-04	8.72E-05	0.00E+00	2.20E-06	0.00E+00	0.00E+00	5.81E-05	0.00E+00	0.00E+00	1.92E-04
509	ALL	670439.5	4342472	NonCancer	1.52E-05	3.76E-05	7.75E-05	0.00E+00	0.00E+00	4.70E-05	2.50E-05	0.00E+00	1.06E-06	0.00E+00	0.00E+00	9.47E-06	0.00E+00	0.00E+00	7.75E-05
510	ALL	670358.4	4342579	NonCancer	1.47E-05	4.06E-05	9.06E-05	0.00E+00	0.00E+00	4.82E-05	2.78E-05	0.00E+00	1.28E-06	0.00E+00	0.00E+00	7.66E-06	0.00E+00	0.00E+00	9.06E-05
511	ALL	670546.6	4342662	NonCancer	1.75E-05	4.91E-05	1.36E-04	0.00E+00	0.00E+00	8.28E-05	6.18E-05	0.00E+00	1.65E-06	0.00E+00	0.00E+00	3.39E-05	0.00E+00	0.00E+00	1.36E-04
512	ALL	670537	4342595	NonCancer	1.76E-05	4.67E-05	1.28E-04	0.00E+00	0.00E+00	8.26E-05	5.63E-05	0.00E+00	1.50E-06	0.00E+00	0.00E+00	3.60E-05	0.00E+00	0.00E+00	1.28E-04
513	ALL	670483.5	4342777	NonCancer	1.63E-05	4.92E-05	1.39E-04	0.00E+00	0.00E+00	7.87E-05	5.75E-05	0.00E+00	1.75E-06	0.00E+00	0.00E+00	2.97E-05	0.00E+00	0.00E+00	1.39E-04
514	ALL	670508.2	4342755	NonCancer	1.61E-05	4.80E-05	1.36E-04	0.00E+00	0.00E+00	7.73E-05	6.04E-05	0.00E+00	1.70E-06	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	1.36E-04
515	ALL	670517.8	4342869	NonCancer	1.72E-05	5.69E-05	1.64E-04	0.00E+00	0.00E+00	8.52E-05	5.94E-05	0.00E+00	2.15E-06	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	1.64E-04
516	ALL	670545.3	4342851	NonCancer	1.50E-05	4.95E-05	1.44E-04	0.00E+00	0.00E+00	7.44E-05	6.33E-05	0.00E+00	1.87E-06	0.00E+00	0.00E+00	2.50E-05	0.00E+00	0.00E+00	1.44E-04
517	ALL	670582.4	4342878	NonCancer	1.79E-05	6.27E-05	1.84E-04	0.00E+00	0.00E+00	9.02E-05	6.42E-05	0.00E+00	2.45E-06	0.00E+00	0.00E+00	2.75E-05	0.00E+00	0.00E+00	1.84E-04
518	ALL	670304.9	4342689	NonCancer	1.59E-05	4.00E-05	1.00E-04	0.00E+00	0.00E+00	6.63E-05	2.86E-05	0.00E+00	1.20E-06	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	1.00E-04
519	ALL	670039.7	4342661	NonCancer	1.03E-05	3.16E-05	7.68E-05	0.00E+00	0.00E+00	3.73E-05	1.52E-05	0.00E+00	1.09E-06	0.00E+00	0.00E+00	5.70E-06	0.00E+00	0.00E+00	7.68E-05
520	ALL	670156.5	4342673	NonCancer	1.17E-05	3.26E-05	7.33E-05	0.00E+00	0.00E+00	3.86E-05	2.09E-05	0.00E+00	1.04E-06	0.00E+00	0.00E+00	6.05E-06	0.00E+00	0.00E+00	7.33E-05
521	ALL	670236.2	4342649	NonCancer	1.35E-05	3.86E-05	8.81E-05	0.00E+00	0.00E+00	4.50E-05	2.48E-05	0.00E+00	1.25E-06	0.00E+00	0.00E+00	6.50E-06	0.00E+00	0.00E+00	8.81E-05
522	ALL	670071.3	4342738	NonCancer	1.18E-05	3.53E-05	8.33E-05	0.00E+00	0.00E+00	4.07E-05	2.11E-05	0.00E+00	1.20E-06	0.00E+00	0.00E+00	5.37E-06	0.00E+00	0.00E+00	8.33E-05
523	ALL	669990.2	4342753	NonCancer	1.05E-05	3.07E-05	7.18E-05	0.00E+00	0.00E+00	3.58E-05	1.78E-05	0.00E+00	1.02E-06	0.00E+00	0.00E+00	5.17E-06	0.00E+00	0.00E+00	7.18E-05
524	ALL	669928.4	4342742	NonCancer	9.95E-06	3.09E-05	7.56E-05	0.00E+00	0.00E+00	3.60E-05	1.53E-05	0.00E+00	1.08E-06	0.00E+00	0.00E+00	5.07E-06	0.00E+00	0.00E+00	7.56E-05
525	ALL	669815.8	4342673	NonCancer	8.91E-06	2.77E-05	6.81E-05	0.00E+00	0.00E+00	3.25E-05	1.24E-05	0.00E+00	9.72E-07	0.00E+00	0.00E+00	4.79E-06	0.00E+00	0.00E+00	6.81E-05
526	ALL	669743	4342656	NonCancer	8.49E-06	2.61E-05	6.36E-05	0.00E+00	0.00E+00	3.07E-05	1.19E-05	0.00E+00	9.07E-07	0.00E+00	0.00E+00	4.58E-06	0.00E+00	0.00E+00	6.36E-05
527	ALL	669791	4342745	NonCancer	9.07E-06	2.75E-05	6.63E-05	0.00E+00	0.00E+00	3.22E-05	1.34E-05	0.00E+00	9.47E-07	0.00E+00	0.00E+00	4.66E-06	0.00E+00	0.00E+00	6.63E-05
528	ALL	669696.3	4342731	NonCancer	8.71E-06	2.68E-05	6.51E-05	0.00E+00	0.00E+00	3.12E-05	1.25E-05	0.00E+00	9.33E-07	0.00E+00	0.00E+00	4.38E-06	0.00E+00	0.00E+00	6.51E-05
529	ALL	669536.9	4342553	NonCancer	8.09E-06	2.83E-05	7.40E-05	0.00E+00	0.00E+00	3.19E-05	1.08E-05	0.00E+00	1.08E-06	0.00E+00	0.00E+00	3.59E-06	0.00E+00	0.00E+00	7.40E-05
530	ALL	671174.9	4342280	NonCancer	6.85E-05	1.74E-04	4.50E-04	0.00E+00	0.00E+00	2.98E-04	2.49E-04	0.00E+00	5.32E-06	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	4.50E-04
531	ALL	671068.4	4342170	NonCancer	5.23E-05	1.46E-04	4.53E-04	0.00E+00	0.00E+00	2.97E-04	6.16E-05	0.00E+00	5.03E-06	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	4.53E-04
532	ALL	670965.7	4342179	NonCancer	4.43E-05	1.08E-04	2.24E-04	0.00E+00	0.00E+00	1.41E-04	4.60E-05	0.00E+00	2.98E-06	0.00E+00	0.00E+00	3.33E-05	0.00E+00	0.00E+00	2.24E-04
533	ALL	670815.5	4342198	NonCancer	2.55E-05	5.63E-05	1.09E-04	0.00E+00	0.00E+00	7.93E-05	3.39E-05	0.00E+00	1.37E-06	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	1.09E-04
534	ALL	670737.6	4342098	NonCancer	2.20E-05	4.64E-05	8.49E-05	0.00E+00	0.00E+00	6.64E-05	3.32E-05	0.00E+00	1.04E-06	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	8.49E-05
535	ALL	670762.3	4342069	NonCancer	2.30E-05	4.84E-05	8.91E-05	0.00E+00	0.00E+00	6.99E-05	3.97E-05	0.00E+00	1.08E-06	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	8.91E-05
536	ALL	670817.4	4342041	NonCancer	2.53E-05	5.36E-05	1.01E-04	0.00E+00	0.00E+00	7.91E-05	5.17E-05	0.00E+00	1.22E-06	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	1.01E-04
537	ALL	670895.4	4342025	NonCancer	2.87E-05	6.10E-05	1.20E-04	0.00E+00	0.00E+00	9.41E-05	5.94E-05	0.00E+00	1.41E-06	0.00E+00	0.00E+00	3.32E-05	0.00E+00	0.00E+00	1.20E-04
538	ALL	670979	4341915	NonCancer	2.88E-05	5.88E-05	1.25E-04	0.00E+00	0.00E+00	1.07E-04	7.22E-05	0.00E+00	1.31E-06	0.00E+00	0.00E+00	4.83E-05	0.00E+00	0.00E+00	1.25E-04
539	ALL	671115.9	4341864	NonCancer	2.99E-05	6.16E-05	1.84E-04	0.00E+00	0.00E+00	1.64E-04	4.00E-05	0.00E+00	1.55E-06	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	1.84E-04
540	ALL	671199.6	4341771	NonCancer	3.02E-05	5.71E-05	1.44E-04	0.00E+00	0.00E+00	1.40E-04	4.04E-05	0.00E+00	1.18E-06	0.00E+00	0.00E+00	8.31E-05	0.00E+00	0.00E+00	1.44E-04
541	ALL	671222.4	4341377	NonCancer	1.27E-05	4.20E-05	1.34E-04	0.00E+00	0.00E+00	7.49E-05	2.29E-05	0.00E+00	1.63E-06	0.00E+00	0.00E+00	3.29E-05	0.00E+00	0.00E+00	1.34E-04
542	ALL	671714.8	4341392	NonCancer	2.10E-05	4.63E-05	1.26E-04	0.00E+00	0.00E+00	1.03E-04	1.17E-05	0.00E+00	1.23E-06	0.00E+00	0.00E+00	5.67E-05	0.00E+00	0.00E+00	1.26E-04
543	ALL	671366.9	4341999	NonCancer	8.22E-05	1.52E-04	4.56E-04	0.00E+00	0.00E+00	4.55E-04	8.55E-05	0.00E+00	3.24E-06	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	4.56E-04
544	ALL	671226.2	4342236	NonCancer	7.14E-05	1.64E-04	4.10E-04	0.00E+00	0.00E+00	3.07E-04	1.68E-04	0.00E+00	4.46E-06	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	4.10E-04
545	ALL	669098.4	4343412	NonCancer	1.95E-05	1.06E-04	3.29E-04	0.00E+00	0.00E+00	1.08E-04	1.68E-05	0.00E+00	4.97E-06	0.00E+00	0.00E+00	2.00E-06	0.00E+00	0.00E+00	3.29E-04
546	ALL	668908.6	4343365	NonCancer	2.22E-05	1.24E-04	3.85E-04	0.00E+00	0.00E+00	1.26E-04	1.64E-05	0.00E+00	5.81E-06	0.00E+00	0.00E+00	1.99E-06	0.00E+00	0.00E+00	3.85E-04
547	ALL	668851.5	4343360	NonCancer	2.05E-05	1.13E-04	3.52E-04	0.00E+00	0.00E+00	1.15E-04	1.55E-05	0.00E+00	5.32E-06	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	3.52E-04
548	ALL	668831.4	4343371	NonCancer	2.20E-05	1.23E-04	3.83E-04	0.00E+00	0.00E+00	1.25E-04	1.60E-05	0.00E+00	5.78E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	3.83E-04
549	ALL	668733.9	4343302	NonCancer	1.35E-05	7.08E-05	2.17E-04	0.00E+00	0.00E+00	7.28E-05	1.26E-05	0.00E+00	3.27E-06	0.00E+00	0.00E+00	1.95E-06	0.00E+00	0.00E+00	2.17E-04
550	ALL	668686.9	4343200	NonCancer	1.02E-05	5.08E-05	1.53E-04	0.00E+00	0.00E+00	5.28E-05	1.16E-05	0.00E+00	2.30E-06	0.00E+00	0.00E+00	1.98E-06	0.00E+00	0.00E+00	1.53E-04
551	ALL	668671.8	4343089	NonCancer	8.08E-06	3.75E-05	1.11E-04	0.00E+00	0.00E+00	3.95E-05	1.11E-05	0.00E+00	1.65E-06	0.00E+00	0.00E+00	2.03E-06	0.00E+00	0.00E+00	1.11E-04
552	ALL	668806.2	4343002	NonCancer	7.53E-06	3.31E-05	9.60E-05	0.00E+00	0.00E+00	3.53E-05	1.12E-05	0.00E+00	1.43E-06	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	9.60E-05
553	ALL	668918.7	4343025	NonCancer	7.66E-06	3.33E-05	9.59E-05	0.00E+00	0.00E+00	3.56E-05	1.13E-05	0.00E+00	1.42E-06	0.00E+00	0.00E+00	2.32E-06	0.00E+00	0.00E+00	9.59E-05
554	ALL	669024.5	4342943	NonCancer	8.13E-06	3.52E-05	1.01E-04	0.00E+00	0.00E+00	3.77E-05	1.17E-05	0.00E+00	1.51E-06	0.00E+00	0.00E+00	2.50E-06	0.00E+00	0.00E+00	1.01E-04
555	ALL	669288.2	4342916	NonCancer	9.29E-06	3.99E-05	1.15E-04	0.00E+00	0.00E+00	4.29E-05	1.20E-05	0.00E+00	1.70E-06	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	1.15E-04
556	ALL	669333.6	4342923	NonCancer	9.85E-06	4.29E-05	1.24E-04	0.00E+00	0.00E+00	4.59E-05	1.22E-05	0.00E+00	1.84E-06	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	1.24E-04
557	ALL	669365.5	4342978	NonCancer	1.14E-05	5.25E-05	1.54E-04	0.00E+00	0.00E+00	5.55E-05	1.30E-05	0.00E+00	2.30E-06	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	1.54E-04
558	ALL	669337	4343151	NonCancer	1.57E-05	8.00E-05	2.43E-04	0.00E+00	0.00E+00	8.26E-05	1.54E-05	0.00E+00	3.66E-06	0.00E+00	0.00E+00	2.61E-06	0.00E+00	0.00E+00	2.43E-04
559	ALL	669303.4	4343304	NonCancer	2.14E-05	1.16E-04	3.60E-04	0.00E+00	0.00E+00	1.19E-04	1.86E-05	0.00E+00	5.43E-06	0.00E+00	0.00E+00	2.37E-06	0.00E+00	0.00E+00	3.60E-04
560	ALL	669222.7	4343235	NonCancer	2.18E-05	1.19E-04	3.70E-04	0.00E+00	0.00E+00	1.22E-04	1.75E-05	0.00E+00	5.58E-06	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	3.70E-04
561	ALL	669135.4	4343306	NonCancer	1.91E-05	1.03E-04	3.20E-04	0.00E+00	0.00E+00	1.06E-04	1.63E-05	0.00E+00	4.83E-06	0.00E+00	0.00E+00	2.14E-06	0.00E+00	0.00E+00	3.20E-04

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEV	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		668148.8	4340781	NonCancer	6.08E-04	6.72E-04	5.78E-08	3.59E-05	5.53E-08	6.45E-04	8.59E-04	6.08E-04	2.38E-09	0.00E+00	0.00E+00	9.89E-06	0.00E+00	0.00E+00	8.59E-04
2	ALL		668370.1	4340781	NonCancer	7.18E-04	7.86E-04	5.92E-08	3.84E-05	6.18E-08	7.57E-04	1.01E-03	7.18E-04	2.73E-09	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.01E-03
3	ALL		668591.4	4340781	NonCancer	8.29E-04	9.02E-04	6.31E-08	4.21E-05	6.93E-08	8.71E-04	1.17E-03	8.29E-04	3.08E-09	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	1.17E-03
4	ALL		668812.7	4340781	NonCancer	9.24E-04	1.00E-03	6.80E-08	4.59E-05	7.63E-08	9.70E-04	1.31E-03	9.24E-04	3.47E-09	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	1.31E-03
5	ALL		669034	4340781	NonCancer	1.07E-03	1.16E-03	7.25E-08	5.05E-05	8.59E-08	1.12E-03	1.51E-03	1.07E-03	3.97E-09	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	1.51E-03
6	ALL		669255.3	4340781	NonCancer	1.26E-03	1.35E-03	7.79E-08	5.61E-05	9.79E-08	1.31E-03	1.77E-03	1.26E-03	4.55E-09	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	1.77E-03
7	ALL		669476.7	4340781	NonCancer	1.34E-03	1.44E-03	8.22E-08	5.95E-05	1.04E-07	1.40E-03	1.90E-03	1.34E-03	5.14E-09	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	1.90E-03
8	ALL		669698	4340781	NonCancer	1.47E-03	1.58E-03	8.53E-08	6.32E-05	1.12E-07	1.54E-03	2.10E-03	1.47E-03	5.87E-09	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	2.10E-03
9	ALL		669919.3	4340781	NonCancer	1.49E-03	1.59E-03	8.41E-08	6.30E-05	1.11E-07	1.55E-03	2.22E-03	1.49E-03	1.38E-08	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	2.22E-03
10	ALL		670140.6	4340781	NonCancer	1.30E-03	1.40E-03	7.87E-08	5.73E-05	9.94E-08	1.36E-03	2.14E-03	1.30E-03	1.39E-08	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	2.14E-03
11	ALL		670361.9	4340781	NonCancer	9.95E-04	1.07E-03	6.54E-08	4.61E-05	7.78E-08	1.04E-03	1.74E-03	9.95E-04	1.15E-08	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	1.74E-03
12	ALL		670583.2	4340781	NonCancer	7.05E-04	7.65E-04	5.07E-08	3.46E-05	5.74E-08	7.40E-04	1.26E-03	7.05E-04	6.40E-09	0.00E+00	0.00E+00	9.90E-06	0.00E+00	0.00E+00	1.26E-03
13	ALL		670804.5	4340781	NonCancer	5.87E-04	6.40E-04	4.58E-08	3.03E-05	4.94E-08	6.18E-04	1.04E-03	5.87E-04	4.52E-09	0.00E+00	0.00E+00	8.63E-06	0.00E+00	0.00E+00	1.04E-03
14	ALL		671025.8	4340781	NonCancer	4.80E-04	5.24E-04	3.79E-08	2.50E-05	4.08E-08	5.06E-04	8.07E-04	4.80E-04	3.44E-09	0.00E+00	0.00E+00	7.12E-06	0.00E+00	0.00E+00	8.07E-04
15	ALL		671247.1	4340781	NonCancer	3.78E-04	4.12E-04	2.92E-08	1.94E-05	3.19E-08	3.98E-04	6.34E-04	3.78E-04	2.53E-09	0.00E+00	0.00E+00	5.49E-06	0.00E+00	0.00E+00	6.34E-04
16	ALL		671468.4	4340781	NonCancer	3.64E-04	3.98E-04	2.92E-08	1.91E-05	3.11E-08	3.83E-04	6.20E-04	3.64E-04	2.45E-09	0.00E+00	0.00E+00	5.44E-06	0.00E+00	0.00E+00	6.20E-04
17	ALL		671689.8	4340781	NonCancer	2.79E-04	3.07E-04	2.54E-08	1.60E-05	2.48E-08	2.95E-04	5.07E-04	2.79E-04	2.11E-09	0.00E+00	0.00E+00	4.59E-06	0.00E+00	0.00E+00	5.07E-04
18	ALL		671911.1	4340781	NonCancer	2.46E-04	2.71E-04	2.29E-08	1.43E-05	2.22E-08	2.60E-04	4.33E-04	2.46E-04	1.62E-09	0.00E+00	0.00E+00	4.10E-06	0.00E+00	0.00E+00	4.33E-04
19	ALL		672132.4	4340781	NonCancer	1.86E-04	2.05E-04	1.73E-08	1.08E-05	1.68E-08	1.97E-04	3.17E-04	1.86E-04	1.03E-09	0.00E+00	0.00E+00	3.06E-06	0.00E+00	0.00E+00	3.17E-04
20	ALL		672353.7	4340781	NonCancer	1.98E-04	2.21E-04	2.09E-08	1.26E-05	1.88E-08	2.11E-04	3.58E-04	1.98E-04	1.35E-09	0.00E+00	0.00E+00	3.64E-06	0.00E+00	0.00E+00	3.58E-04
21	ALL		672575	4340781	NonCancer	1.86E-04	2.11E-04	2.45E-08	1.39E-05	1.94E-08	1.99E-04	3.41E-04	1.85E-04	1.47E-09	0.00E+00	0.00E+00	4.11E-06	0.00E+00	0.00E+00	3.41E-04
22	ALL		668148.8	4340946	NonCancer	5.54E-04	6.20E-04	6.19E-08	3.67E-05	5.39E-08	5.91E-04	7.85E-04	5.54E-04	2.33E-09	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	7.85E-04
23	ALL		668370.1	4340946	NonCancer	6.46E-04	7.16E-04	6.35E-08	3.90E-05	5.95E-08	6.85E-04	9.17E-04	6.46E-04	2.70E-09	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	9.17E-04
24	ALL		668591.4	4340946	NonCancer	7.51E-04	8.25E-04	6.67E-08	4.22E-05	6.64E-08	7.93E-04	1.07E-03	7.51E-04	3.09E-09	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	1.07E-03
25	ALL		668812.7	4340946	NonCancer	8.67E-04	9.49E-04	7.20E-08	4.66E-05	7.47E-08	9.14E-04	1.23E-03	8.67E-04	3.53E-09	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	1.23E-03
26	ALL		669034	4340946	NonCancer	1.06E-03	1.15E-03	7.59E-08	5.17E-05	8.65E-08	1.11E-03	1.50E-03	1.06E-03	4.15E-09	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	1.50E-03
27	ALL		669255.3	4340946	NonCancer	1.24E-03	1.34E-03	8.25E-08	5.79E-05	9.90E-08	1.30E-03	1.76E-03	1.24E-03	4.82E-09	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	1.76E-03
28	ALL		669476.7	4340946	NonCancer	1.37E-03	1.47E-03	8.82E-08	6.26E-05	1.08E-07	1.43E-03	1.94E-03	1.37E-03	5.56E-09	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	1.94E-03
29	ALL		669698	4340946	NonCancer	1.69E-03	1.81E-03	9.45E-08	7.11E-05	1.27E-07	1.76E-03	2.40E-03	1.69E-03	6.56E-09	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	2.40E-03
30	ALL		669919.3	4340946	NonCancer	1.81E-03	1.94E-03	1.04E-07	7.74E-05	1.37E-07	1.89E-03	2.79E-03	1.81E-03	1.56E-08	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	2.79E-03
31	ALL		670140.6	4340946	NonCancer	1.70E-03	1.82E-03	9.67E-08	7.22E-05	1.27E-07	1.77E-03	2.70E-03	1.70E-03	1.84E-08	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	2.70E-03
32	ALL		670361.9	4340946	NonCancer	1.38E-03	1.48E-03	8.43E-08	6.11E-05	1.05E-07	1.44E-03	2.36E-03	1.38E-03	1.68E-08	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	2.36E-03
33	ALL		670583.2	4340946	NonCancer	1.00E-03	1.08E-03	6.86E-08	4.76E-05	7.91E-08	1.05E-03	1.86E-03	1.00E-03	1.30E-08	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	1.86E-03
34	ALL		670804.5	4340946	NonCancer	7.21E-04	7.84E-04	5.39E-08	3.62E-05	5.97E-08	7.58E-04	1.34E-03	7.21E-04	6.42E-09	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.34E-03
35	ALL		671025.8	4340946	NonCancer	5.61E-04	6.10E-04	4.28E-08	2.85E-05	4.70E-08	5.89E-04	9.75E-04	5.61E-04	4.15E-09	0.00E+00	0.00E+00	8.14E-06	0.00E+00	0.00E+00	9.75E-04
36	ALL		671247.1	4340946	NonCancer	4.21E-04	4.58E-04	3.14E-08	2.11E-05	3.51E-08	4.42E-04	7.14E-04	4.21E-04	2.79E-09	0.00E+00	0.00E+00	5.95E-06	0.00E+00	0.00E+00	7.14E-04
37	ALL		671468.4	4340946	NonCancer	3.63E-04	3.96E-04	2.82E-08	1.87E-05	3.07E-08	3.82E-04	6.27E-04	3.63E-04	2.53E-09	0.00E+00	0.00E+00	5.31E-06	0.00E+00	0.00E+00	6.27E-04
38	ALL		671689.8	4340946	NonCancer	3.21E-04	3.54E-04	2.98E-08	1.86E-05	2.88E-08	3.40E-04	6.16E-04	3.21E-04	2.58E-09	0.00E+00	0.00E+00	5.40E-06	0.00E+00	0.00E+00	6.16E-04
39	ALL		671911.1	4340946	NonCancer	2.95E-04	3.27E-04	2.90E-08	1.78E-05	2.71E-08	3.13E-04	5.55E-04	2.95E-04	2.50E-09	0.00E+00	0.00E+00	5.20E-06	0.00E+00	0.00E+00	5.55E-04
40	ALL		672132.4	4340946	NonCancer	1.95E-04	2.15E-04	1.76E-08	1.11E-05	1.75E-08	2.07E-04	3.37E-04	1.95E-04	1.08E-09	0.00E+00	0.00E+00	3.14E-06	0.00E+00	0.00E+00	3.37E-04
41	ALL		672353.7	4340946	NonCancer	1.94E-04	2.16E-04	2.05E-08	1.23E-05	1.85E-08	2.06E-04	3.43E-04	1.94E-04	1.13E-09	0.00E+00	0.00E+00	3.54E-06	0.00E+00	0.00E+00	3.43E-04
42	ALL		672575	4340946	NonCancer	1.96E-04	2.23E-04	2.60E-08	1.48E-05	2.06E-08	2.11E-04	3.60E-04	1.96E-04	1.54E-09	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	3.60E-04
43	ALL		668148.8	4341111	NonCancer	5.13E-04	5.80E-04	6.44E-08	3.70E-05	5.26E-08	5.50E-04	7.29E-04	5.13E-04	2.34E-09	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	7.29E-04
44	ALL		668370.1	4341111	NonCancer	5.84E-04	6.56E-04	6.84E-08	4.00E-05	5.80E-08	6.24E-04	8.31E-04	5.84E-04	2.65E-09	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	8.31E-04
45	ALL		668591.4	4341111	NonCancer	6.88E-04	7.63E-04	6.92E-08	4.22E-05	6.39E-08	7.31E-04	9.83E-04	6.88E-04	3.11E-09	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	9.83E-04
46	ALL		668812.7	4341111	NonCancer	8.07E-04	8.89E-04	7.39E-08	4.64E-05	7.21E-08	8.54E-04	1.15E-03	8.07E-04	3.60E-09	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	1.15E-03
47	ALL		669034	4341111	NonCancer	9.73E-04	1.06E-03	7.92E-08	5.17E-05	8.31E-08	1.03E-03	1.39E-03	9.73E-04	4.23E-09	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	1.39E-03
48	ALL		669255.3	4341111	NonCancer	1.12E-03	1.22E-03	8.69E-08	5.77E-05	9.42E-08	1.18E-03	1.61E-03	1.12E-03	4.92E-09	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	1.61E-03
49	ALL		669476.7	4341111	NonCancer	1.38E-03	1.49E-03	9.37E-08	6.51E-05	1.10E-07	1.44E-03	1.97E-03	1.38E-03	5.93E-09	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	1.97E-03
50	ALL		669698	4341111	NonCancer	1.77E-03	1.90E-03	1.02E-07	7.59E-05	1.35E-07	1.85E-03	2.52E-03	1.77E-03	7.17E-09	0.00E+00	0.00E+00	1.92E-05	0.00E+00	0.00E+00	2.52E-03
51	ALL		669919.3	4341111	NonCancer	2.01E-03	2.15E-03	1.11E-07	8.38E-05	1.50E-07	2.09E-03	2.86E-03	2.01E-03	8.60E-09	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	2.86E-03
52	ALL		670140.6	4341111	NonCancer	2.16E-03	2.32E-03	1.23E-07	9.18E-05	1.63E-07	2.26E-03	3.37E-03	2.16E-03	2.04E-08	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	3.37E-03
53	ALL		670361.9	4341111	NonCancer	1.95E-03	2.09E-03	1.12E-07	8.31E-05	1.46E-07	2.03E-03	3.17E-03	1.95E-03	2.16E-08	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	3.17E-03
54	ALL		670583.2	4341111	NonCancer	1.34E-03	1.44E-03	8.08E-08	5.89E-05	1.02E-07	1.40E-03	2.33E-03	1.34E-03	1.50E-08	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	2.33E-03
55	ALL		670804.5	4341111	NonCancer	8.53E-04	9.22E-04	5.73E-08	4.00E-05	6.83E-08	8.93E-04	1.57E-03	8.53E-04	7.70E-09	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	1.57E-03
56	ALL		671025.8	4341111	NonCancer	6.27E-04	6.79E-04	4.42E-08	3.03E-05	5.13E-08	6.57E-04	1.13E-03	6.27E-04	4.25E-09	0.00E+00	0.00E+00	8.53E-06	0.00E+00	0.00E+00	1.13E-03
57	ALL		671247.1	4341111	NonCancer	5.36E-04	5.82E-04	3.90E-08	2.64E-05	4.43E-08	5.63E-04	9.48E-04	5.36E-04	3.85E-09	0.00E+00	0.00E+00	7.50E-06	0.00E+00	0.00E+00	9.48E-04
58	ALL		671468.4	4341111	NonCancer	4.11E-04	4.47E-04	3.16E-08	2.10E-05	3.45E-08	4.32E-04	7.45E-04	4.11E-04	3.18E-09	0.00E+00	0.00E+00	6.01E-06	0.00E+00	0.00E+00	7.45E-04
59	ALL		671689.8	4341111	NonCancer	4.04E-04	4.46E-04	3.92E-08	2.42E-05	3.67E-08	4.28E-04	8.37E-04	4.04E-04	3.84E-09	0.00E+00	0.00E+00	7.10E-06	0.00E+00	0.00E+00	8.37E-04
60	ALL		671911.1	4341111	NonCancer	3.44E-04	3.81E-04	3.43E-08	2.10E-05	3.16E-08	3.65E-04	6.84E-04	3.44E-04	3.01E-09	0.00E+00	0.00E+00	6.13E-06	0.00E+00	0.00E+00	6.84E-04
61	ALL		672132.4	4341111	NonCancer	2.07E-04	2.28E-04	1.91E-08	1.20E-05	1.87E-08	2.19E-04	3.71E-04	2.07E-04	1.20E-09	0.00E+00	0.00E+00	3.39E-06	0.00E+00	0.00E+00	3.71E-04
62	ALL		672353.7	4341111	NonCancer	1.80E-04	1.99E-04	1.76E-08	1.08E-05	1.66E-08	1.91E-04	3.10E-04	1.80E-04	9.74E-10	0.00E+00	0.00E+00	3.09E-06	0.00E+00	0.00E+00	3.10E-04
63	ALL		672575	4341111	NonCancer	2.11E-04	2.38E-04	2.60E-08	1.50E-05	2.14E-08	2.26E-04	3.84E-04	2.11E-04	1.64E-09	0.00E+00	0.00E+00	4.43E-06	0.00E+00	0.00E+00	3.84E-04
64	ALL		668148.8	4341276	NonCancer	4.80E-04	5.48E-04	6.70E-08	3.76E-05	5.18E-08	5.18E-04	6.84E-04	4.80E-04	2.37E-09	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	6.84E-04
65	ALL		668370.1	4341276	NonCancer	5.41E-04	6.14E-04	7.01E-08	4.00E-05	5.63E-08	5.82E-04	7.75E-04	5.41E-04	2.69E-09	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	7.75E-04
66	ALL		668591.4	4341276	NonCancer	6.27E-04	7.03E-04	7.11E-08	4.20E-05	6.13E-08	6.70E-04	9.02E-04	6.27E-04	3.13E-09	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	9.02E-04
67	ALL		668812.7	4341276	NonCancer	7.54E-04	8.35E-04	7.42E-08	4.56E-05	6.92E-08	8.00E-04	1.08E-03	7.54E-04	3.67E-09	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	1.08E-03
68	ALL		669034	4341276	NonCancer	9.76E-04	1.07E-03	8.32E-08	5.34E-05	8.46E-08	1.03E-03	1.39E-03	9.76E-04	4.35E-09	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	1.39E-03
69	ALL		669255.3	4341276	NonCancer	1.12E-03	1.22E-03	8.88E-08	5.85E-05	9.46E-08	1.18E-03	1.61E-03	1.12E-03	5.15E-09	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	1.61E-03
70	ALL		669476.7	4341276	NonCancer	1.30E-03	1.42E-03	9.77E-08	6.56E-05	1.08E-07	1.37E-03	1.87E-03	1.30E-03	6.17E-09	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	1.87E-03
71	ALL		669698	4341276	NonCancer	1.64E-03	1.77E-03	1.09E-07	7.63E-05	1.30E-07	1.71E-03	2.35E-03	1.64E-03	7.58E-09	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	2.35E-03
72	ALL		669919.3	4341276	NonCancer	2.14E-03	2.29E-03	1.28E-07	9.34E-05	1.64E-07	2.23E-03	3.20E-03	2.14E-03	1.67E-08	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	3.20E-03
73	ALL		670140.6	4341276	NonCancer	2.67E-03	2.87E-03	1.58E-07	1.16E-04	2.06E-07	2.79E-03	3.97E-03	2.67E-03	1.79E-08	0.00E+00	0.00E+00	3.17E-05	0.00E+00	0.00E+00	3.97E-03
74	ALL		670361.9	4341276	NonCancer	2.66E-03	2.84E-03	1.44E-07	1.10E-04	1.99E-07	2.77E-03	4.04E-03	2.66E-03	2.04E-08	0.00E+00	0.00E+00	3.02E-05	0.00E+00	0.00E+00	4.04E-03
75	ALL		670583.2	4341276	NonCancer	1.84E-03	1.97E-03	9.69E-08	7.48E-05	1.37E-07	1.92E-03	2.94E-03	1.84E-03	1.89E-08	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	2.94E-03
76	ALL		670804.5	4341276	NonCancer	1.12E-03	1.20E-03	6.82E-08	4.95E-05	8.66E-08	1.17E-03	2.02E-03	1.12E-03	1.31E-08	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	2.02E-03
77	ALL		671025.8	4341276	NonCancer	7.87E-04	8.51E-04	5.27E-08	3.68E-05	6.33E-08	8.24E-04	1.52E-03	7.87E-04	5.56E-09	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.52E-03
78	ALL		671247.1	4341276	NonCancer	7.17E-04	7.78E-04	5.21E-08	3.53E-05	5.91E-08	7.52E-04	1.42E-03	7.17E-04	6.14E-09	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.42E-03
79	ALL		671468.4	4341276	NonCancer	6.16E-04	6.75E-04	5.31E-08	3.40E-05	5.30E-08	6.50E-04	1.42E-03	6.15E-04	7.47E-09	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.42E-03
80	ALL		671689.8	4341276	NonCancer	5.19E-04	5.77E-04	5.45E-08	3.29E-05	4.84E-08	5.52E-04	1.21E-03	5.19E-04	6.56E-09	0.00E+00	0.00E+00	9.98E-06	0.00E+00	0.00E+00	1.21E-03
81	ALL		671911.1	4341276	NonCancer	4.18E-04	4.66E-04	4.48E-08	2.69E-05	3.95E-08	4.45E-04	9.12E-04	4.18E-04	4.24E-09	0.00E+00	0.00E+00	7.98E-06	0.00E+00	0.00E+00	9.12E-04
82	ALL		672132.4	4341276	NonCancer	2.45E-04	2.70E-04	2.27E-08	1.42E-05	2.21E-08	2.59E-04	4.44E-04	2.45E-04	1.43E-09	0.00E+00	0.00E+00	4.04E-06	0.00E+00	0.00E+00	4.44E-04
83	ALL		672353.7	4341276	NonCancer	1.88E-04	2.06E-04	1.64E-08	1.05E-05	1.66E-08	1.99E-04	3.34E-04	1.88E-04	1.04E-09	0.00E+00	0.00E+00	2.95E-06	0.00E+00	0.00E+00	3.34E-04
84	ALL		672575	4341276	NonCancer	2.44E-04	2.74E-04	2.79E-08	1.64E-05	2.39E-08	2.61E-04	4.53E-04	2.44E-04	2.00E-09	0.00E+00	0.00E+00	4.85E-06	0.00E+00	0.00E+00	4.53E-04
85	ALL		668148.8	4341441	NonCancer	4.54E-04	5.25E-04	7.14E-08	3.90E-05	5.20E-08	4.93E-04	6.48E-04	4.54E-04	2.37E-09	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	6.48E-04
86	ALL		668370.1	4341441	NonCancer	5.07E-04	5.81E-04	7.30E-08	4.06E-05	5.54E-08	5.47E-04	7.28E-04	5.07E-04	2.72E-09	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	7.28E-04
87	ALL		668591.4	4341441	NonCancer	5.75E-04	6.52E-04	7.41E-08	4.24E-05	5.95E-08	6.18E-04	8.31E-04	5.75E-04	3.14E-09	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	8.31E-04
88	ALL		668812.7	4341441	NonCancer	6.98E-04	7.80E-04	7.63E-08	4.55E-05	6.69E-08	7.44E-04	1.01E-03	6.98E-04	3.70E-09	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	1.01E-03
89	ALL		669034	4341441	NonCancer	8.71E-04	9.66E-04	8.69E-08	5.32E-05	8.03E-08	9.25E-04	1.25E-03	8.71E-04	4.37E-09	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	1.25E-03
90	ALL		669255.3	4341441	NonCancer	9.46E-04	1.05E-03	9.06E-08	5.61E-05	8.56E-08	1.00E-03	1.37E-03	9.46E-04	5.16E-09	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	1.37E-03
91	ALL		669476.7	4341441	NonCancer	1.17E-03	1.28E-03	1.00E-07	6.42E-05	1.01E-07	1.23E-03	1.70E-03	1.17E-03	6.29E-09	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	1.70E-03
92	ALL		669698	4341441	NonCancer	1.55E-03	1.68E-03	1.13E-07	7.64E-05	1.26E-07	1.63E-03	2.24E-03	1.55E-03	7.85E-09	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	2.24E-03
93	ALL		669919.3	4341441	NonCancer	2.06E-03	2.23E-03	1.46E-07	9.99E-05	1.67E-07	2.16E-03	3.05E-03	2.06E-03	1.30E-08	0.00E+00	0.00E+00	2.75E-05	0.00E+00	0.00E+00	3.05E-03
94	ALL		670140.6	4341441	NonCancer	2.83E-03	3.05E-03	1.79E-07	1.28E-04	2.24E-07	2.96E-03	4.10E-03	2.83E-03	1.35E-08	0.00E+00	0.00E+00	3.44E-05	0.00E+00	0.00E+00	4.10E-03
95	ALL		670361.9	4341441	NonCancer	3.48E-03	3.72E-03	1.90E-07	1.44E-04	2.64E-07	3.62E-03	5.04E-03	3.48E-03	1.84E-08	0.00E+00	0.00E+00	3.86E-05	0.00E+00	0.00E+00	5.04E-03
96	ALL		670583.2	4341441	NonCancer	2.95E-03	3.15E-03	1.44E-07	1.15E-04	2.16E-07	3.07E-03	4.39E-03	2.95E-03	2.21E-08	0.00E+00	0.00E+00	3.16E-05	0.00E+00	0.00E+00	4.39E-03
97	ALL		670804.5	4341441	NonCancer	1.92E-03	2.05E-03	1.05E-07	7.99E-05	1.43E-07	2.00E-03	3.28E-03	1.92E-03	2.80E-08	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	3.28E-03
98	ALL		671025.8	4341441	NonCancer	1.18E-03	1.27E-03	7.46E-08	5.33E-05	9.27E-08	1.23E-03	2.33E-03	1.18E-03	1.20E-08	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	2.33E-03

99	ALL	671689.8	4341441	NonCancer	8.07E-04	8.97E-04	8.42E-08	5.09E-05	7.42E-08	8.58E-04	2.88E-03	8.07E-04	2.74E-08	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	2.88E-03
100	ALL	671911.1	4341441	NonCancer	4.80E-04	5.35E-04	5.19E-08	3.10E-05	4.56E-08	5.11E-04	1.10E-03	4.80E-04	4.61E-09	0.00E+00	0.00E+00	9.18E-06	0.00E+00	0.00E+00	1.10E-03
101	ALL	672132.4	4341441	NonCancer	3.05E-04	3.34E-04	2.59E-08	1.66E-05	2.67E-08	3.22E-04	5.82E-04	3.05E-04	1.95E-09	0.00E+00	0.00E+00	4.74E-06	0.00E+00	0.00E+00	5.82E-04
102	ALL	672353.7	4341441	NonCancer	2.84E-04	3.10E-04	2.30E-08	1.50E-05	2.44E-08	2.99E-04	5.20E-04	2.84E-04	1.75E-09	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	5.20E-04
103	ALL	672575	4341441	NonCancer	3.32E-04	3.75E-04	4.13E-08	2.38E-05	3.36E-08	3.56E-04	7.45E-04	3.32E-04	4.60E-09	0.00E+00	0.00E+00	7.44E-06	0.00E+00	0.00E+00	7.45E-04
104	ALL	668148.8	4341606	NonCancer	4.45E-04	5.18E-04	7.40E-08	4.00E-05	5.25E-08	4.85E-04	6.36E-04	4.45E-04	2.44E-09	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	6.36E-04
105	ALL	668370.1	4341606	NonCancer	4.89E-04	5.64E-04	7.41E-08	4.08E-05	5.48E-08	5.31E-04	7.05E-04	4.89E-04	2.78E-09	0.00E+00	0.00E+00	1.19E-05	0.00E+00	0.00E+00	7.05E-04
106	ALL	668591.4	4341606	NonCancer	5.49E-04	6.27E-04	7.67E-08	4.30E-05	5.90E-08	5.92E-04	7.95E-04	5.49E-04	3.19E-09	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	7.95E-04
107	ALL	668812.7	4341606	NonCancer	6.28E-04	7.11E-04	8.06E-08	4.61E-05	6.47E-08	6.74E-04	9.12E-04	6.28E-04	3.71E-09	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	9.12E-04
108	ALL	669034	4341606	NonCancer	7.13E-04	8.03E-04	8.62E-08	5.01E-05	7.13E-08	7.64E-04	1.04E-03	7.13E-04	4.35E-09	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	1.04E-03
109	ALL	669255.3	4341606	NonCancer	8.31E-04	9.30E-04	9.35E-08	5.53E-05	8.03E-08	8.87E-04	1.22E-03	8.31E-04	5.19E-09	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	1.22E-03
110	ALL	669476.7	4341606	NonCancer	1.03E-03	1.14E-03	1.04E-07	6.34E-05	9.47E-08	1.09E-03	1.51E-03	1.03E-03	6.35E-09	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	1.51E-03
111	ALL	669698	4341606	NonCancer	1.29E-03	1.41E-03	1.13E-07	7.20E-05	1.12E-07	1.36E-03	1.90E-03	1.29E-03	7.94E-09	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	1.90E-03
112	ALL	669919.3	4341606	NonCancer	1.71E-03	1.89E-03	1.55E-07	9.75E-05	1.53E-07	1.81E-03	2.51E-03	1.71E-03	9.40E-09	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	2.51E-03
113	ALL	670140.6	4341606	NonCancer	2.55E-03	2.77E-03	1.92E-07	1.28E-04	2.13E-07	2.68E-03	3.67E-03	2.55E-03	1.08E-08	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	3.67E-03
114	ALL	670361.9	4341606	NonCancer	3.58E-03	3.84E-03	2.16E-07	1.57E-04	2.81E-07	3.73E-03	5.07E-03	3.58E-03	1.26E-08	0.00E+00	0.00E+00	4.17E-05	0.00E+00	0.00E+00	5.07E-03
115	ALL	670583.2	4341606	NonCancer	4.60E-03	4.90E-03	2.30E-07	1.81E-04	3.42E-07	4.78E-03	6.56E-03	4.60E-03	2.05E-08	0.00E+00	0.00E+00	4.78E-05	0.00E+00	0.00E+00	6.56E-03
116	ALL	670804.5	4341606	NonCancer	4.06E-03	4.32E-03	2.02E-07	1.60E-04	2.93E-07	4.22E-03	6.40E-03	4.06E-03	4.90E-08	0.00E+00	0.00E+00	4.64E-05	0.00E+00	0.00E+00	6.40E-03
117	ALL	671025.8	4341606	NonCancer	2.07E-03	2.22E-03	1.24E-07	9.07E-05	1.57E-07	2.16E-03	4.01E-03	2.07E-03	4.60E-08	0.00E+00	0.00E+00	3.16E-05	0.00E+00	0.00E+00	4.01E-03
118	ALL	671689.8	4341606	NonCancer	1.13E-03	1.25E-03	1.06E-07	6.62E-05	9.92E-08	1.20E-03	5.32E-03	1.13E-03	4.00E-08	0.00E+00	0.00E+00	2.56E-05	0.00E+00	0.00E+00	5.32E-03
119	ALL	671911.1	4341606	NonCancer	6.35E-04	7.06E-04	6.66E-08	4.02E-05	5.95E-08	6.75E-04	1.62E-03	6.35E-04	7.53E-09	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	1.62E-03
120	ALL	672132.4	4341606	NonCancer	4.48E-04	4.90E-04	3.67E-08	2.39E-05	3.85E-08	4.72E-04	9.22E-04	4.48E-04	3.42E-09	0.00E+00	0.00E+00	6.85E-06	0.00E+00	0.00E+00	9.22E-04
121	ALL	672353.7	4341606	NonCancer	3.50E-04	3.83E-04	2.91E-08	1.88E-05	3.03E-08	3.69E-04	6.74E-04	3.50E-04	2.32E-09	0.00E+00	0.00E+00	5.34E-06	0.00E+00	0.00E+00	6.74E-04
122	ALL	672575	4341606	NonCancer	3.96E-04	4.44E-04	4.64E-08	2.72E-05	3.89E-08	4.23E-04	8.59E-04	3.96E-04	7.99E-09	0.00E+00	0.00E+00	9.05E-06	0.00E+00	0.00E+00	8.59E-04
123	ALL	668148.8	4341771	NonCancer	4.30E-04	5.11E-04	8.35E-08	4.38E-05	5.53E-08	4.74E-04	6.12E-04	4.30E-04	2.42E-09	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	6.12E-04
124	ALL	668370.1	4341771	NonCancer	4.75E-04	5.54E-04	7.97E-08	4.30E-05	5.62E-08	5.18E-04	6.84E-04	4.75E-04	2.82E-09	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	6.84E-04
125	ALL	668591.4	4341771	NonCancer	5.11E-04	5.96E-04	8.52E-08	4.60E-05	6.02E-08	5.57E-04	7.40E-04	5.11E-04	3.18E-09	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	7.40E-04
126	ALL	668812.7	4341771	NonCancer	5.72E-04	6.60E-04	8.80E-08	4.83E-05	6.45E-08	6.21E-04	8.35E-04	5.72E-04	3.71E-09	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	8.35E-04
127	ALL	669034	4341771	NonCancer	6.54E-04	7.47E-04	9.16E-08	5.14E-05	7.01E-08	7.06E-04	9.62E-04	6.54E-04	4.39E-09	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	9.62E-04
128	ALL	669255.3	4341771	NonCancer	8.08E-04	9.16E-04	1.04E-07	5.97E-05	8.31E-08	8.68E-04	1.19E-03	8.08E-04	5.28E-09	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	1.19E-03
129	ALL	669476.7	4341771	NonCancer	8.80E-04	9.92E-04	1.08E-07	6.24E-05	8.79E-08	9.43E-04	1.31E-03	8.80E-04	7.41E-09	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	1.31E-03
130	ALL	669698	4341771	NonCancer	1.00E-03	1.13E-03	1.20E-07	6.98E-05	9.97E-08	1.07E-03	1.50E-03	1.00E-03	8.22E-09	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	1.50E-03
131	ALL	669919.3	4341771	NonCancer	1.33E-03	1.49E-03	1.51E-07	8.92E-05	1.30E-07	1.42E-03	1.93E-03	1.33E-03	7.57E-09	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	1.93E-03
132	ALL	670140.6	4341771	NonCancer	1.84E-03	2.03E-03	1.81E-07	1.11E-04	1.71E-07	1.95E-03	2.63E-03	1.84E-03	7.73E-09	0.00E+00	0.00E+00	3.13E-05	0.00E+00	0.00E+00	2.63E-03
133	ALL	670361.9	4341771	NonCancer	2.54E-03	2.77E-03	1.97E-07	1.30E-04	2.17E-07	2.67E-03	3.59E-03	2.54E-03	7.92E-09	0.00E+00	0.00E+00	3.56E-05	0.00E+00	0.00E+00	3.59E-03
134	ALL	670583.2	4341771	NonCancer	5.29E-03	5.70E-03	3.24E-07	2.34E-04	4.19E-07	5.53E-03	7.53E-03	5.29E-03	1.60E-08	0.00E+00	0.00E+00	6.21E-05	0.00E+00	0.00E+00	7.53E-03
135	ALL	670804.5	4341771	NonCancer	6.51E-03	6.97E-03	3.57E-07	2.71E-04	4.78E-07	6.79E-03	1.03E-02	6.51E-03	6.35E-08	0.00E+00	0.00E+00	7.40E-05	0.00E+00	0.00E+00	1.03E-02
136	ALL	671025.8	4341771	NonCancer	5.92E-03	6.28E-03	2.84E-07	2.30E-04	3.93E-07	6.15E-03	1.06E-02	5.92E-03	2.14E-07	0.00E+00	0.00E+00	9.05E-05	0.00E+00	0.00E+00	1.06E-02
137	ALL	671689.8	4341771	NonCancer	1.18E-03	1.30E-03	1.04E-07	6.60E-05	1.02E-07	1.25E-03	4.43E-03	1.18E-03	1.71E-08	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	4.43E-03
138	ALL	671911.1	4341771	NonCancer	8.42E-04	9.30E-04	7.99E-08	4.97E-05	7.57E-08	8.92E-04	2.09E-03	8.42E-04	9.43E-09	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	2.09E-03
139	ALL	672132.4	4341771	NonCancer	5.02E-04	5.45E-04	3.72E-08	2.50E-05	4.17E-08	5.27E-04	1.01E-03	5.02E-04	3.54E-09	0.00E+00	0.00E+00	7.09E-06	0.00E+00	0.00E+00	1.01E-03
140	ALL	672353.7	4341771	NonCancer	3.58E-04	3.89E-04	2.72E-08	1.82E-05	3.01E-08	3.76E-04	6.66E-04	3.58E-04	2.20E-09	0.00E+00	0.00E+00	5.11E-06	0.00E+00	0.00E+00	6.66E-04
141	ALL	672575	4341771	NonCancer	4.41E-04	4.95E-04	5.11E-08	3.00E-05	4.32E-08	4.71E-04	9.37E-04	4.41E-04	8.44E-09	0.00E+00	0.00E+00	9.91E-06	0.00E+00	0.00E+00	9.37E-04
142	ALL	668148.8	4341936	NonCancer	4.23E-04	5.12E-04	9.25E-08	4.76E-05	5.84E-08	4.71E-04	5.97E-04	4.23E-04	2.37E-09	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	5.97E-04
143	ALL	668370.1	4341936	NonCancer	4.60E-04	5.53E-04	9.61E-08	4.98E-05	6.17E-08	5.10E-04	6.56E-04	4.60E-04	2.75E-09	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	6.56E-04
144	ALL	668591.4	4341936	NonCancer	4.99E-04	5.90E-04	9.35E-08	4.94E-05	6.27E-08	5.48E-04	7.21E-04	4.99E-04	3.22E-09	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	7.21E-04
145	ALL	668812.7	4341936	NonCancer	5.57E-04	6.50E-04	9.38E-08	5.06E-05	6.58E-08	6.08E-04	8.13E-04	5.57E-04	3.79E-09	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	8.13E-04
146	ALL	669034	4341936	NonCancer	6.43E-04	7.43E-04	9.90E-08	5.44E-05	7.22E-08	6.98E-04	9.44E-04	6.43E-04	4.49E-09	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	9.44E-04
147	ALL	669255.3	4341936	NonCancer	7.06E-04	8.18E-04	1.13E-07	6.14E-05	8.05E-08	7.68E-04	1.05E-03	7.06E-04	6.19E-09	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	1.05E-03
148	ALL	669476.7	4341936	NonCancer	7.55E-04	8.72E-04	1.16E-07	6.38E-05	8.48E-08	8.19E-04	1.12E-03	7.55E-04	6.53E-09	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	1.12E-03
149	ALL	669698	4341936	NonCancer	9.27E-04	1.06E-03	1.33E-07	7.41E-05	1.02E-07	1.00E-03	1.33E-03	9.27E-04	5.15E-09	0.00E+00	0.00E+00	2.17E-05	0.00E+00	0.00E+00	1.33E-03
150	ALL	669919.3	4341936	NonCancer	1.06E-03	1.20E-03	1.36E-07	7.78E-05	1.11E-07	1.13E-03	1.50E-03	1.06E-03	4.43E-09	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	1.50E-03
151	ALL	670140.6	4341936	NonCancer	1.31E-03	1.47E-03	1.56E-07	9.09E-05	1.32E-07	1.40E-03	1.86E-03	1.31E-03	5.38E-09	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	1.86E-03
152	ALL	670361.9	4341936	NonCancer	1.84E-03	2.06E-03	2.00E-07	1.19E-04	1.79E-07	1.96E-03	2.64E-03	1.84E-03	7.44E-09	0.00E+00	0.00E+00	3.41E-05	0.00E+00	0.00E+00	2.64E-03
153	ALL	670583.2	4341936	NonCancer	3.07E-03	3.41E-03	3.12E-07	1.90E-04	2.85E-07	3.26E-03	4.70E-03	3.07E-03	2.14E-08	0.00E+00	0.00E+00	5.45E-05	0.00E+00	0.00E+00	4.70E-03
154	ALL	670804.5	4341936	NonCancer	5.83E-03	6.33E-03	4.28E-07	2.90E-04	4.70E-07	6.13E-03	9.46E-03	5.83E-03	6.36E-08	0.00E+00	0.00E+00	8.34E-05	0.00E+00	0.00E+00	9.46E-03
155	ALL	671468.4	4341936	NonCancer	3.23E-03	3.45E-03	1.83E-07	1.37E-04	2.37E-07	3.36E-03	1.52E-02	3.23E-03	7.46E-08	0.00E+00	0.00E+00	4.72E-05	0.00E+00	0.00E+00	1.52E-02
156	ALL	671689.8	4341936	NonCancer	1.63E-03	1.76E-03	1.10E-07	7.69E-05	1.29E-07	1.70E-03	4.29E-03	1.63E-03	1.90E-08	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	4.29E-03
157	ALL	671911.1	4341936	NonCancer	1.02E-03	1.11E-03	8.17E-08	5.35E-05	8.59E-08	1.07E-03	2.19E-03	1.02E-03	9.38E-09	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	2.19E-03
158	ALL	672132.4	4341936	NonCancer	6.06E-04	6.57E-04	4.34E-08	2.96E-05	4.98E-08	6.36E-04	1.14E-03	6.06E-04	3.94E-09	0.00E+00	0.00E+00	8.29E-06	0.00E+00	0.00E+00	1.14E-03
159	ALL	672353.7	4341936	NonCancer	4.02E-04	4.37E-04	3.03E-08	2.03E-05	3.37E-08	4.23E-04	7.22E-04	4.02E-04	2.28E-09	0.00E+00	0.00E+00	5.64E-06	0.00E+00	0.00E+00	7.22E-04
160	ALL	672575	4341936	NonCancer	4.12E-04	4.61E-04	4.72E-08	2.78E-05	4.04E-08	4.39E-04	7.59E-04	4.11E-04	3.19E-09	0.00E+00	0.00E+00	8.16E-06	0.00E+00	0.00E+00	7.59E-04
161	ALL	668148.8	4342101	NonCancer	4.43E-04	5.45E-04	1.07E-07	5.43E-05	6.51E-08	4.98E-04	6.20E-04	4.43E-04	2.44E-09	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	6.20E-04
162	ALL	668370.1	4342101	NonCancer	4.77E-04	5.78E-04	1.06E-07	5.44E-05	6.64E-08	5.31E-04	6.76E-04	4.76E-04	2.86E-09	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	6.76E-04
163	ALL	668591.4	4342101	NonCancer	5.19E-04	6.18E-04	1.02E-07	5.33E-05	6.68E-08	5.72E-04	7.46E-04	5.19E-04	3.34E-09	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	7.46E-04
164	ALL	668812.7	4342101	NonCancer	5.65E-04	6.68E-04	1.04E-07	5.53E-05	7.02E-08	6.21E-04	8.21E-04	5.65E-04	3.88E-09	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	8.21E-04
165	ALL	669034	4342101	NonCancer	6.63E-04	7.80E-04	1.19E-07	6.32E-05	8.07E-08	7.27E-04	9.64E-04	6.63E-04	4.60E-09	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	9.64E-04
166	ALL	669255.3	4342101	NonCancer	7.39E-04	8.66E-04	1.29E-07	6.91E-05	8.85E-08	8.09E-04	1.08E-03	7.39E-04	5.52E-09	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	1.08E-03
167	ALL	669476.7	4342101	NonCancer	7.43E-04	8.69E-04	1.28E-07	6.87E-05	8.83E-08	8.12E-04	1.11E-03	7.43E-04	7.75E-09	0.00E+00	0.00E+00	2.08E-05	0.00E+00	0.00E+00	1.11E-03
168	ALL	669698	4342101	NonCancer	8.55E-04	9.92E-04	1.37E-07	7.48E-05	9.84E-08	9.30E-04	1.27E-03	8.54E-04	8.20E-09	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	1.27E-03
169	ALL	669919.3	4342101	NonCancer	1.04E-03	1.20E-03	1.57E-07	8.67E-05	1.16E-07	1.12E-03	1.54E-03	1.04E-03	9.16E-09	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	1.54E-03
170	ALL	670140.6	4342101	NonCancer	1.29E-03	1.47E-03	1.81E-07	1.01E-04	1.40E-07	1.39E-03	1.87E-03	1.29E-03	8.51E-09	0.00E+00	0.00E+00	3.00E-05	0.00E+00	0.00E+00	1.87E-03
171	ALL	670361.9	4342101	NonCancer	1.60E-03	1.82E-03	2.15E-07	1.22E-04	1.65E-07	1.72E-03	2.60E-03	1.60E-03	2.67E-08	0.00E+00	0.00E+00	3.81E-05	0.00E+00	0.00E+00	2.60E-03
172	ALL	670583.2	4342101	NonCancer	2.47E-03	2.79E-03	3.08E-07	1.78E-04	2.44E-07	2.65E-03	4.06E-03	2.47E-03	3.31E-08	0.00E+00	0.00E+00	5.31E-05	0.00E+00	0.00E+00	4.06E-03
173	ALL	671468.4	4342101	NonCancer	3.85E-03	4.12E-03	2.10E-07	1.60E-04	2.85E-07	4.01E-03	8.91E-03	3.85E-03	3.58E-08	0.00E+00	0.00E+00	4.40E-05	0.00E+00	0.00E+00	8.91E-03
174	ALL	671689.8	4342101	NonCancer	1.82E-03	1.96E-03	1.19E-07	8.39E-05	1.44E-07	1.91E-03	3.82E-03	1.82E-03	1.39E-08	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	3.82E-03
175	ALL	671911.1	4342101	NonCancer	1.11E-03	1.21E-03	8.78E-08	5.78E-05	9.35E-08	1.17E-03	2.16E-03	1.11E-03	8.54E-09	0.00E+00	0.00E+00	1.64E-05	0.00E+00	0.00E+00	2.16E-03
176	ALL	672132.4	4342101	NonCancer	6.94E-04	7.58E-04	5.54E-08	3.63E-05	5.91E-08	7.31E-04	1.26E-03	6.94E-04	4.32E-09	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	1.26E-03
177	ALL	672353.7	4342101	NonCancer	4.65E-04	5.08E-04	3.76E-08	2.45E-05	3.99E-08	4.89E-04	8.04E-04	4.65E-04	2.40E-09	0.00E+00	0.00E+00	6.84E-06	0.00E+00	0.00E+00	8.04E-04
178	ALL	672575	4342101	NonCancer	4.23E-04	4.75E-04	4.86E-08	2.86E-05	4.17E-08	4.52E-04	7.54E-04	4.23E-04	2.98E-09	0.00E+00	0.00E+00	8.34E-06	0.00E+00	0.00E+00	7.54E-04
179	ALL	668148.8	4342266	NonCancer	4.79E-04	5.95E-04	1.23E-07	6.18E-05	7.32E-08	5.41E-04	6.62E-04	4.79E-04	2.51E-09	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	6.62E-04
180	ALL	668370.1	4342266	NonCancer	5.14E-04	6.31E-04	1.22E-07	6.21E-05	7.47E-08	5.77E-04	7.20E-04	5.14E-04	2.93E-09	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	7.20E-04
181	ALL	668591.4	4342266	NonCancer	5.46E-04	6.67E-04	1.27E-07	6.49E-05	7.83E-08	6.11E-04	7.69E-04	5.46E-04	3.29E-09	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	7.69E-04
182	ALL	668812.7	4342266	NonCancer	5.89E-04	7.13E-04	1.29E-07	6.65E-05	8.11E-08	6.56E-04	8.41E-04	5.89E-04	3.85E-09	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	8.41E-04
183	ALL	669034	4342266	NonCancer	6.35E-04	7.63E-04	1.32E-07	6.87E-05	8.46E-08	7.04E-04	9.19E-04	6.35E-04	4.56E-09	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	9.19E-04
184	ALL	669255.3	4342266	NonCancer	7.08E-04	8.39E-04	1.34E-07	7.06E-05	8.87E-08	7.79E-04	1.04E-03	7.08E-04	5.58E-09	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	1.04E-03
185	ALL	669476.7	4342266	NonCancer	8.14E-04	9.56E-04	1.44E-07	7.70E-05	9.78E-08	8.91E-04	1.21E-03	8.14E-04	6.87E-09	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	1.21E-03
186	ALL	669698	4342266	NonCancer	1.01E-03	1.18E-03	1.67E-07	9.07E-05	1.17E-07	1.10E-03	1.50E-03	1.01E-03	8.68E-09	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	1.50E-03
187	ALL	669919.3	4342266	NonCancer	1.20E-03	1.38E-03	1.82E-07	1.00E-04	1.31E-07	1.30E-03	1.80E-03	1.20E-03	1.12E-08	0.00E+00	0.00E+00	2.92E-05	0.00E+00	0.00E+00	1.80E-03
188	ALL	670140.6	4342266	NonCancer	1.43E-03	1.64E-03	2.07E-07	1.15E-04	1.52E-07	1.55E-03	2.20E-03	1.43E-03	2.16E-08	0.00E+00	0.00E+00	3.51E-05	0.00E+00	0.00E+00	2.20E-03
189	ALL	670361.9	4342266	NonCancer	1.85E-03	2.13E-03	2.73E-07	1.52E-04	1.98E-07	2.01E-03	2.90E-03	1.85E-03	2.07E-08	0.00E+00	0.00E+00	4.44E-05	0.00E+00	0.00E+00	2.90E-03
190	ALL	670583.2	4342266	NonCancer	2.63E-03	3.00E-03	3.69E-07	2.07E-04	2.73E-07	2.83E-03	4.19E-03	2.63E-03	3.02E-08	0.00E+00	0.00E+00	6.04E-05	0.00E+00	0.00E+00	4.19E-03
191	ALL	670804.5	4342266	NonCancer	4.78E-03	5.43E-03	6.43E-07	3.64E-04	4.89E-07	5.14E-03	7.74E-03	4.78E-03	4.82E-08	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	7.74E-03
192	ALL	671025.8	4342266	NonCancer	1.37E-02	1.57E-02	2.05E-06	1.13E-03	1.52E-06	1.48E-02	2.07E-02	1.37E-02	8.01E-08	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	2.07E-02
193	ALL	671247.1	4342266	NonCancer	1.19E-02	1.35E-02	1.57E-06	8.95E-04	1.22E-06	1.28E-02	2.06E-02	1.19E-02	8.51E-08	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	2.06E-02
194	ALL	671468.4	4342266	NonCancer	3.30E-03	3.58E-03	2.48E-07	1.66E-04	2.71E-07	3.46E-03	6.57E-03	3.30E-03	2.84E-08	0.00E+00	0.00E+00	4.70E-05	0.00E+00	0.00E+00	6.57E-03
195	ALL	671689.8	4342266	NonCancer	1.70E-03	1.86E-03	1.35E-07	8.87E-05	1.44E-07	1.79E-03	3.30E-03	1.70E-03	1.14E-08	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	3.30E-03
196	ALL	671911.1	4342266	NonCancer	1.06E-03	1.16E-03	8.87E-08	5.74E-05	9.19E-08	1.12E-03	1.94E-03	1.06E-03	6.33E-09	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	1.94E-03
197	ALL	672132.4	4342266	NonCancer	7.40E-04	8.16E-04	6.87E-08	4.29E-05	6.66E-08	7.83E-04	1.32E-03	7.40E-04	4.44E-09	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	1.32E-03

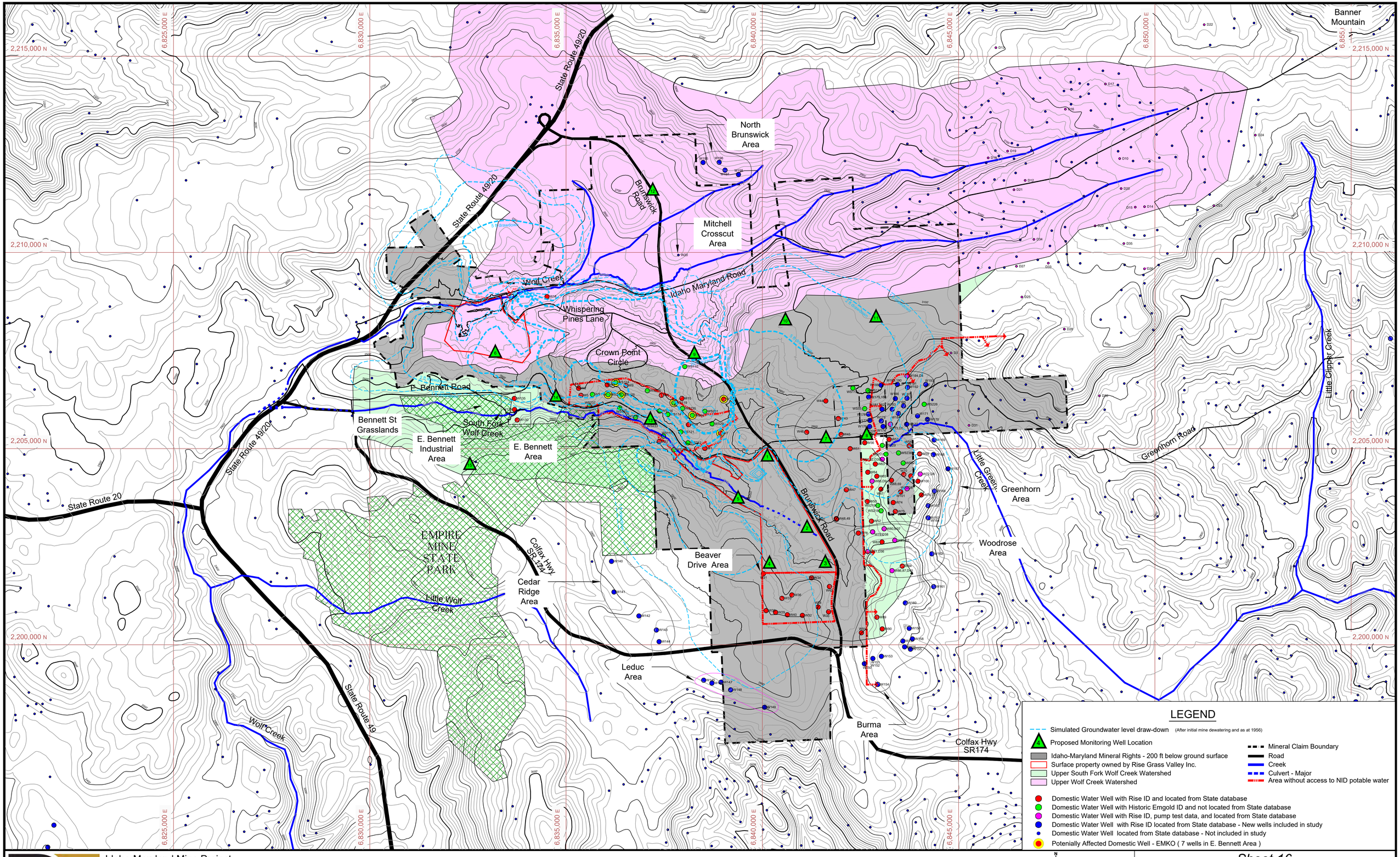
198	ALL	672353.7	4342266	NonCancer	5.23E-04	5.77E-04	4.92E-08	3.06E-05	4.74E-08	5.54E-04	9.06E-04	5.23E-04	3.10E-09	0.00E+00	0.00E+00	8.70E-06	0.00E+00	0.00E+00	9.06E-04
199	ALL	672575	4342266	NonCancer	5.07E-04	5.72E-04	6.19E-08	3.59E-05	5.10E-08	5.43E-04	9.88E-04	5.07E-04	8.09E-09	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	9.88E-04
200	ALL	668148.8	4342431	NonCancer	5.07E-04	6.33E-04	1.34E-07	6.70E-05	7.88E-08	5.75E-04	6.92E-04	5.07E-04	2.43E-09	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	6.92E-04
201	ALL	668370.1	4342431	NonCancer	5.68E-04	7.10E-04	1.51E-07	7.54E-05	8.86E-08	6.44E-04	7.79E-04	5.68E-04	2.88E-09	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	7.79E-04
202	ALL	668591.4	4342431	NonCancer	6.14E-04	7.66E-04	1.60E-07	8.04E-05	9.47E-08	6.95E-04	8.44E-04	6.14E-04	3.19E-09	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	8.44E-04
203	ALL	668812.7	4342431	NonCancer	6.76E-04	8.40E-04	1.73E-07	8.69E-05	1.03E-07	7.64E-04	9.33E-04	6.76E-04	3.68E-09	0.00E+00	0.00E+00	2.62E-05	0.00E+00	0.00E+00	9.33E-04
204	ALL	669034	4342431	NonCancer	7.36E-04	9.10E-04	1.84E-07	9.28E-05	1.10E-07	8.29E-04	1.02E-03	7.36E-04	4.31E-09	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	1.02E-03
205	ALL	669255.3	4342431	NonCancer	7.89E-04	9.65E-04	1.85E-07	9.40E-05	1.13E-07	8.84E-04	1.12E-03	7.89E-04	5.21E-09	0.00E+00	0.00E+00	2.82E-05	0.00E+00	0.00E+00	1.12E-03
206	ALL	669476.7	4342431	NonCancer	8.60E-04	1.03E-03	1.80E-07	9.35E-05	1.14E-07	9.54E-04	1.25E-03	8.60E-04	6.64E-09	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	1.25E-03
207	ALL	669698	4342431	NonCancer	9.81E-04	1.17E-03	1.97E-07	1.03E-04	1.27E-07	1.09E-03	1.44E-03	9.81E-04	8.21E-09	0.00E+00	0.00E+00	3.07E-05	0.00E+00	0.00E+00	1.44E-03
208	ALL	669919.3	4342431	NonCancer	1.17E-03	1.39E-03	2.21E-07	1.17E-04	1.45E-07	1.29E-03	1.74E-03	1.17E-03	1.06E-08	0.00E+00	0.00E+00	3.46E-05	0.00E+00	0.00E+00	1.74E-03
209	ALL	670140.6	4342431	NonCancer	1.44E-03	1.69E-03	2.61E-07	1.39E-04	1.74E-07	1.58E-03	2.16E-03	1.44E-03	1.35E-08	0.00E+00	0.00E+00	4.10E-05	0.00E+00	0.00E+00	2.16E-03
210	ALL	670361.9	4342431	NonCancer	1.93E-03	2.26E-03	3.27E-07	1.76E-04	2.24E-07	2.11E-03	2.93E-03	1.93E-03	1.79E-08	0.00E+00	0.00E+00	5.17E-05	0.00E+00	0.00E+00	2.93E-03
211	ALL	670583.2	4342431	NonCancer	3.03E-03	3.49E-03	4.60E-07	2.53E-04	3.32E-07	3.28E-03	4.64E-03	3.03E-03	3.79E-08	0.00E+00	0.00E+00	7.62E-05	0.00E+00	0.00E+00	4.64E-03
212	ALL	670804.5	4342431	NonCancer	5.83E-03	6.72E-03	8.92E-07	4.91E-04	6.50E-07	6.32E-03	8.63E-03	5.83E-03	4.96E-08	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	8.63E-03
213	ALL	671025.8	4342431	NonCancer	1.51E-02	1.91E-02	4.26E-06	2.11E-03	2.47E-06	1.73E-02	2.05E-02	1.51E-02	5.10E-08	0.00E+00	0.00E+00	6.38E-04	0.00E+00	0.00E+00	2.05E-02
214	ALL	671247.1	4342431	NonCancer	6.73E-03	7.49E-03	7.11E-07	4.28E-04	6.38E-07	7.16E-03	1.06E-02	6.73E-03	3.22E-08	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	1.06E-02
215	ALL	671468.4	4342431	NonCancer	2.67E-03	2.93E-03	2.29E-07	1.47E-04	2.31E-07	2.82E-03	4.79E-03	2.67E-03	1.86E-08	0.00E+00	0.00E+00	4.13E-05	0.00E+00	0.00E+00	4.79E-03
216	ALL	671689.8	4342431	NonCancer	1.42E-03	1.57E-03	1.26E-07	8.00E-05	1.26E-07	1.50E-03	2.59E-03	1.42E-03	8.42E-09	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	2.59E-03
217	ALL	671911.1	4342431	NonCancer	9.12E-04	1.01E-03	8.55E-08	5.33E-05	8.27E-08	9.65E-04	1.61E-03	9.12E-04	4.98E-09	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	1.61E-03
218	ALL	672132.4	4342431	NonCancer	6.75E-04	7.50E-04	6.98E-08	4.22E-05	6.36E-08	7.17E-04	1.17E-03	6.75E-04	3.82E-09	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	1.17E-03
219	ALL	672353.7	4342431	NonCancer	5.92E-04	6.71E-04	7.63E-08	4.36E-05	6.14E-08	6.36E-04	1.16E-03	5.92E-04	4.85E-09	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	1.16E-03
220	ALL	672575	4342431	NonCancer	5.05E-04	5.74E-04	6.79E-08	3.84E-05	5.33E-08	5.43E-04	9.52E-04	5.05E-04	7.52E-09	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	9.52E-04
221	ALL	668148.8	4342596	NonCancer	5.68E-04	7.17E-04	1.58E-07	7.88E-05	9.17E-08	6.48E-04	7.65E-04	5.68E-04	2.50E-09	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	7.65E-04
222	ALL	668370.1	4342596	NonCancer	6.37E-04	8.07E-04	1.81E-07	8.97E-05	1.04E-07	7.27E-04	8.55E-04	6.37E-04	2.81E-09	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	8.55E-04
223	ALL	668591.4	4342596	NonCancer	7.08E-04	8.96E-04	2.01E-07	9.96E-05	1.15E-07	8.08E-04	9.52E-04	7.08E-04	3.21E-09	0.00E+00	0.00E+00	3.01E-05	0.00E+00	0.00E+00	9.52E-04
224	ALL	668812.7	4342596	NonCancer	7.73E-04	9.72E-04	2.12E-07	1.05E-04	1.23E-07	8.79E-04	1.05E-03	7.73E-04	3.71E-09	0.00E+00	0.00E+00	3.18E-05	0.00E+00	0.00E+00	1.05E-03
225	ALL	669034	4342596	NonCancer	8.46E-04	1.06E-03	2.26E-07	1.13E-04	1.32E-07	9.59E-04	1.15E-03	8.45E-04	4.35E-09	0.00E+00	0.00E+00	3.41E-05	0.00E+00	0.00E+00	1.15E-03
226	ALL	669255.3	4342596	NonCancer	8.98E-04	1.11E-03	2.24E-07	1.13E-04	1.34E-07	1.01E-03	1.24E-03	8.98E-04	5.20E-09	0.00E+00	0.00E+00	3.40E-05	0.00E+00	0.00E+00	1.24E-03
227	ALL	669476.7	4342596	NonCancer	9.87E-04	1.21E-03	2.39E-07	1.21E-04	1.44E-07	1.11E-03	1.38E-03	9.87E-04	6.15E-09	0.00E+00	0.00E+00	3.63E-05	0.00E+00	0.00E+00	1.38E-03
228	ALL	669698	4342596	NonCancer	1.09E-03	1.32E-03	2.39E-07	1.23E-04	1.49E-07	1.21E-03	1.56E-03	1.09E-03	7.87E-09	0.00E+00	0.00E+00	3.66E-05	0.00E+00	0.00E+00	1.56E-03
229	ALL	669919.3	4342596	NonCancer	1.26E-03	1.52E-03	2.73E-07	1.41E-04	1.70E-07	1.40E-03	1.82E-03	1.26E-03	9.43E-09	0.00E+00	0.00E+00	4.19E-05	0.00E+00	0.00E+00	1.82E-03
230	ALL	670140.6	4342596	NonCancer	1.63E-03	1.94E-03	3.25E-07	1.70E-04	2.09E-07	1.80E-03	2.37E-03	1.63E-03	1.22E-08	0.00E+00	0.00E+00	5.02E-05	0.00E+00	0.00E+00	2.37E-03
231	ALL	670361.9	4342596	NonCancer	2.46E-03	2.86E-03	4.10E-07	2.22E-04	2.85E-07	2.68E-03	3.55E-03	2.46E-03	1.56E-08	0.00E+00	0.00E+00	6.40E-05	0.00E+00	0.00E+00	3.55E-03
232	ALL	670583.2	4342596	NonCancer	3.52E-03	4.06E-03	5.34E-07	2.94E-04	3.97E-07	3.81E-03	5.03E-03	3.52E-03	1.98E-08	0.00E+00	0.00E+00	8.64E-05	0.00E+00	0.00E+00	5.03E-03
233	ALL	670804.5	4342596	NonCancer	5.94E-03	7.08E-03	1.17E-06	6.13E-04	7.74E-07	6.56E-03	8.36E-03	5.94E-03	2.78E-08	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	8.36E-03
234	ALL	671025.8	4342596	NonCancer	9.59E-03	1.20E-02	2.58E-06	1.29E-03	1.52E-06	1.09E-02	1.30E-02	9.59E-03	2.91E-08	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	1.30E-02
235	ALL	671247.1	4342596	NonCancer	4.98E-03	5.61E-03	5.96E-07	3.47E-04	5.01E-07	5.33E-03	7.64E-03	4.98E-03	2.21E-08	0.00E+00	0.00E+00	9.89E-05	0.00E+00	0.00E+00	7.64E-03
236	ALL	671468.4	4342596	NonCancer	2.14E-03	2.36E-03	1.91E-07	1.21E-04	1.90E-07	2.26E-03	3.60E-03	2.14E-03	1.21E-08	0.00E+00	0.00E+00	3.39E-05	0.00E+00	0.00E+00	3.60E-03
237	ALL	671689.8	4342596	NonCancer	1.11E-03	1.22E-03	1.02E-07	6.39E-05	9.96E-08	1.17E-03	1.93E-03	1.11E-03	6.05E-09	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	1.93E-03
238	ALL	671911.1	4342596	NonCancer	7.44E-04	8.21E-04	7.03E-08	4.37E-05	6.78E-08	7.88E-04	1.27E-03	7.44E-04	3.57E-09	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	1.27E-03
239	ALL	672132.4	4342596	NonCancer	5.80E-04	6.44E-04	5.96E-08	3.61E-05	5.47E-08	6.16E-04	9.78E-04	5.80E-04	2.87E-09	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	9.78E-04
240	ALL	672353.7	4342596	NonCancer	5.23E-04	5.96E-04	7.09E-08	4.00E-05	5.57E-08	5.63E-04	9.37E-04	5.23E-04	3.49E-09	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	9.37E-04
241	ALL	672575	4342596	NonCancer	4.72E-04	5.37E-04	6.29E-08	3.57E-05	4.96E-08	5.08E-04	8.84E-04	4.72E-04	6.94E-09	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	8.84E-04
242	ALL	668148.8	4342761	NonCancer	6.77E-04	8.72E-04	2.09E-07	1.03E-04	1.17E-07	7.80E-04	8.92E-04	6.77E-04	2.58E-09	0.00E+00	0.00E+00	3.12E-05	0.00E+00	0.00E+00	8.92E-04
243	ALL	668370.1	4342761	NonCancer	7.59E-04	9.79E-04	2.37E-07	1.16E-04	1.32E-07	8.76E-04	1.00E-03	7.59E-04	2.94E-09	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	1.00E-03
244	ALL	668591.4	4342761	NonCancer	8.03E-04	1.03E-03	2.40E-07	1.18E-04	1.36E-07	9.23E-04	1.07E-03	8.03E-04	3.26E-09	0.00E+00	0.00E+00	3.58E-05	0.00E+00	0.00E+00	1.07E-03
245	ALL	668812.7	4342761	NonCancer	8.83E-04	1.12E-03	2.58E-07	1.28E-04	1.47E-07	1.01E-03	1.18E-03	8.82E-04	3.77E-09	0.00E+00	0.00E+00	3.86E-05	0.00E+00	0.00E+00	1.18E-03
246	ALL	669034	4342761	NonCancer	9.26E-04	1.16E-03	2.52E-07	1.26E-04	1.47E-07	1.05E-03	1.25E-03	9.26E-04	4.46E-09	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	1.25E-03
247	ALL	669255.3	4342761	NonCancer	9.86E-04	1.23E-03	2.58E-07	1.30E-04	1.52E-07	1.12E-03	1.35E-03	9.85E-04	5.24E-09	0.00E+00	0.00E+00	3.89E-05	0.00E+00	0.00E+00	1.35E-03
248	ALL	669476.7	4342761	NonCancer	1.09E-03	1.37E-03	2.94E-07	1.47E-04	1.71E-07	1.24E-03	1.50E-03	1.09E-03	5.99E-09	0.00E+00	0.00E+00	4.42E-05	0.00E+00	0.00E+00	1.50E-03
249	ALL	669698	4342761	NonCancer	1.24E-03	1.51E-03	2.76E-07	1.42E-04	1.71E-07	1.39E-03	1.75E-03	1.24E-03	7.61E-09	0.00E+00	0.00E+00	4.20E-05	0.00E+00	0.00E+00	1.75E-03
250	ALL	669919.3	4342761	NonCancer	1.49E-03	1.81E-03	3.34E-07	1.71E-04	2.07E-07	1.67E-03	2.10E-03	1.49E-03	9.00E-09	0.00E+00	0.00E+00	5.07E-05	0.00E+00	0.00E+00	2.10E-03
251	ALL	670140.6	4342761	NonCancer	1.86E-03	2.23E-03	3.85E-07	2.00E-04	2.46E-07	2.06E-03	2.69E-03	1.86E-03	1.65E-08	0.00E+00	0.00E+00	6.04E-05	0.00E+00	0.00E+00	2.69E-03
252	ALL	670361.9	4342761	NonCancer	2.63E-03	3.14E-03	5.25E-07	2.74E-04	3.42E-07	2.90E-03	3.78E-03	2.63E-03	1.98E-08	0.00E+00	0.00E+00	8.25E-05	0.00E+00	0.00E+00	3.78E-03
253	ALL	670583.2	4342761	NonCancer	3.62E-03	4.28E-03	6.62E-07	3.51E-04	4.53E-07	3.98E-03	5.04E-03	3.62E-03	1.55E-08	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	5.04E-03
254	ALL	670804.5	4342761	NonCancer	7.14E-03	9.34E-03	2.38E-06	1.16E-03	1.31E-06	8.30E-03	9.24E-03	7.14E-03	1.75E-08	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	9.34E-03
255	ALL	671025.8	4342761	NonCancer	5.23E-03	6.23E-03	1.03E-06	5.37E-04	6.82E-07	5.77E-03	7.30E-03	5.23E-03	1.64E-08	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	7.30E-03
256	ALL	671247.1	4342761	NonCancer	3.26E-03	3.64E-03	3.56E-07	2.12E-04	3.16E-07	3.48E-03	4.93E-03	3.26E-03	1.27E-08	0.00E+00	0.00E+00	6.00E-05	0.00E+00	0.00E+00	4.93E-03
257	ALL	671468.4	4342761	NonCancer	1.83E-03	2.02E-03	1.70E-07	1.06E-04	1.65E-07	1.94E-03	2.95E-03	1.83E-03	8.81E-09	0.00E+00	0.00E+00	2.98E-05	0.00E+00	0.00E+00	2.95E-03
258	ALL	671689.8	4342761	NonCancer	1.01E-03	1.12E-03	9.76E-08	6.03E-05	9.28E-08	1.07E-03	1.71E-03	1.01E-03	5.29E-09	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	1.71E-03
259	ALL	671911.1	4342761	NonCancer	6.14E-04	6.81E-04	6.19E-08	3.77E-05	5.74E-08	6.51E-04	1.03E-03	6.14E-04	2.91E-09	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	1.03E-03
260	ALL	672132.4	4342761	NonCancer	5.08E-04	5.65E-04	5.25E-08	3.18E-05	4.81E-08	5.40E-04	8.36E-04	5.08E-04	2.32E-09	0.00E+00	0.00E+00	9.02E-06	0.00E+00	0.00E+00	8.36E-04
261	ALL	672353.7	4342761	NonCancer	4.57E-04	5.20E-04	6.17E-08	3.49E-05	4.86E-08	4.92E-04	7.69E-04	4.57E-04	2.68E-09	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	7.69E-04
262	ALL	672575	4342761	NonCancer	3.86E-04	4.43E-04	5.61E-08	3.12E-05	4.26E-08	4.18E-04	6.91E-04	3.86E-04	2.48E-09	0.00E+00	0.00E+00	9.22E-06	0.00E+00	0.00E+00	6.91E-04
263	ALL	668148.8	4342926	NonCancer	8.28E-04	1.09E-03	2.86E-07	1.39E-04	1.55E-07	9.67E-04	1.06E-03	8.27E-04	2.58E-09	0.00E+00	0.00E+00	4.23E-05	0.00E+00	0.00E+00	1.09E-03
264	ALL	668370.1	4342926	NonCancer	9.10E-04	1.20E-03	3.14E-07	1.52E-04	1.70E-07	1.06E-03	1.17E-03	9.09E-04	2.91E-09	0.00E+00	0.00E+00	4.64E-05	0.00E+00	0.00E+00	1.20E-03
265	ALL	668591.4	4342926	NonCancer	9.48E-04	1.24E-03	3.12E-07	1.52E-04	1.72E-07	1.10E-03	1.23E-03	9.47E-04	3.32E-09	0.00E+00	0.00E+00	4.62E-05	0.00E+00	0.00E+00	1.24E-03
266	ALL	668812.7	4342926	NonCancer	1.03E-03	1.35E-03	3.43E-07	1.67E-04	1.88E-07	1.20E-03	1.35E-03	1.03E-03	3.72E-09	0.00E+00	0.00E+00	5.07E-05	0.00E+00	0.00E+00	1.35E-03
267	ALL	669034	4342926	NonCancer	1.10E-03	1.43E-03	3.58E-07	1.75E-04	1.97E-07	1.27E-03	1.44E-03	1.10E-03	4.26E-09	0.00E+00	0.00E+00	5.30E-05	0.00E+00	0.00E+00	1.44E-03
268	ALL	669476.7	4342926	NonCancer	1.23E-03	1.58E-03	3.78E-07	1.86E-04	2.11E-07	1.42E-03	1.65E-03	1.23E-03	5.67E-09	0.00E+00	0.00E+00	5.61E-05	0.00E+00	0.00E+00	1.65E-03
269	ALL	669698	4342926	NonCancer	1.52E-03	1.90E-03	4.08E-07	2.04E-04	2.38E-07	1.73E-03	2.06E-03	1.52E-03	6.90E-09	0.00E+00	0.00E+00	6.10E-05	0.00E+00	0.00E+00	2.06E-03
270	ALL	669919.3	4342926	NonCancer	1.65E-03	2.01E-03	3.85E-07	1.96E-04	2.36E-07	1.84E-03	2.29E-03	1.65E-03	1.23E-08	0.00E+00	0.00E+00	5.94E-05	0.00E+00	0.00E+00	2.29E-03
271	ALL	670140.6	4342926	NonCancer	2.01E-03	2.40E-03	4.05E-07	2.11E-04	2.64E-07	2.22E-03	2.85E-03	2.01E-03	1.35E-08	0.00E+00	0.00E+00	6.34E-05	0.00E+00	0.00E+00	2.85E-03
272	ALL	670361.9	4342926	NonCancer	2.74E-03	3.29E-03	5.67E-07	2.94E-04	3.67E-07	3.03E-03	3.82E-03	2.74E-03	1.42E-08	0.00E+00	0.00E+00	8.80E-05	0.00E+00	0.00E+00	3.82E-03
273	ALL	670583.2	4342926	NonCancer	6.04E-03	8.12E-03	2.27E-06	1.09E-03	1.21E-06	7.14E-03	7.66E-03	6.04E-03	1.68E-08	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	8.12E-03
274	ALL	670804.5	4342926	NonCancer	5.25E-03	6.77E-03	1.64E-06	8.02E-04	9.18E-07	6.06E-03	6.88E-03	5.25E-03	1.44E-08	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	6.88E-03
275	ALL	671025.8	4342926	NonCancer	3.12E-03	3.60E-03	4.70E-07	2.59E-04	3.53E-07	3.38E-03	4.42E-03	3.12E-03	9.57E-09	0.00E+00	0.00E+00	7.52E-05	0.00E+00	0.00E+00	4.42E-03
276	ALL	671247.1	4342926	NonCancer	2.44E-03	2.73E-03	2.72E-07	1.61E-04	2.39E-07	2.60E-03	3.65E-03	2.44E-03	9.04E-09	0.00E+00	0.00E+00	4.57E-05	0.00E+00	0.00E+00	3.65E-03
277	ALL	671468.4	4342926	NonCancer	1.44E-03	1.60E-03	1.41E-07	8.66E-05	1.33E-07	1.53E-03	2.28E-03	1.44E-03	6.36E-09	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	2.28E-03
278	ALL	671689.8	4342926	NonCancer	8.80E-04	9.75E-04	8.69E-08	5.33E-05	8.16E-08	9.33E-04	1.44E-03	8.80E-04	4.26E-09	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	1.44E-03
279	ALL	671911.1	4342926	NonCancer	5.55E-04	6.18E-04	5.79E-08	3.50E-05	5.27E-08	5.90E-04	9.20E-04	5.55E-04	2.59E-09	0.00E+00	0.00E+00	9.92E-06	0.00E+00	0.00E+00	9.20E-04
280	ALL	672132.4	4342926	NonCancer	3.89E-04	4.35E-04	4.22E-08	2.52E-05	3.76E-08	4.15E-04	6.38E-04	3.89E-04	1.68E-09	0.00E+00	0.00E+00	7.17E-06	0.00E+00	0.00E+00	6.38E-04
281	ALL	672353.7	4342926	NonCancer	3.77E-04	4.23E-04	4.28E-08	2.52E-05	3.72E-08	4.03E-04	6.12E-04	3.77E-04	1.73E-09	0.00E+00	0.00E+00	7.23E-06	0.00E+00	0.00E+00	6.12E-04
282	ALL	672575	4342926	NonCancer	3.31E-04	3.78E-04	4.54E-08	2.56E-05	3.55E-08	3.57E-04	5.46E-04	3.31E-04	1.78E-09	0.00E+00	0.00E+00	7.46E-06	0.00E+00	0.00E+00	5.46E-04
283	ALL	668148.8	4343090	NonCancer	9.52E-04	1.28E-03	3.56E-07	1.71E-04	1.89E-07	1.12E-03	1.20E-03	9.52E-04	2.45E-09	0.00E+00	0.00E+00	5.22E-05	0.00E+00	0.00E+00	1.28E-03
284	ALL	668370.1	4343090	NonCancer	1.21E-03	1.66E-03	4.92E-07	2.35E-04	2.56E-07	1.44E-03	1.50E-03	1.21E-03	2.75E-09	0.00E+00	0.00E+00	7.19E-05	0.00E+00	0.00E+00	1.66E-03
285	ALL	668591.4	4343090	NonCancer	1.14E-03	1.54E-03	4.33E-07	2.08E-04	2.29E-07	1.35E-03	1.45E-03	1.14E-03	3.21E-09	0.00E+00	0.00E+00	6.35E-05	0.00E+00	0.00E+00	1.54E-03
286	ALL	669476.7	4343090	NonCancer	1.70E-03	2.30E-03	6.56E-07	3.15E-04	3.45E-07	2.01E-03	2.16E-03	1.70E-03	5.10E-09	0.00E+00	0.00E+00	9.62E-05	0.00E+00	0.00E+00	2.30E-03
287	ALL	669698	4343090	NonCancer	1.94E-03	2.60E-03	7.12E-07	3.43E-04	3.80E-07	2.29E-03	2.49E-03	1.94E-03	5.96E-09	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	2.60E-03
288	ALL	669919.3	4343090	NonCancer	2.32E-03	3.03E-03	7.64E-07	3.72E-04	4.20E-07	2.70E-03	3.01E-03	2.32E-03	6.92E-09	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	3.03E-03
289	ALL	670140.6	4343090	NonCancer	2.52E-03	3.16E-03	6.81E-07	3.40E-04	3.98E-07	2.86E-03	3.35E-03	2.52E-03	1.24E-08	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	3.35E-03
290	ALL	670361.9	4343090	NonCancer	4.98E-03	6.78E-03	1.96E-06	9.38E-04	1.03E-06	5.93E-03	6.18E-03	4.98E-03	8.71E-09	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	6.78E-03
291	ALL	670583.2	4343090	NonCancer	4.58E-03	6.11E-03	1.66E-06	7.99E-04	8.89E-07	5.39E-03	5.80E-03	4.58E-03	9.50E-09	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	6.11E-03
292	ALL	670804.5	4343090	NonCancer	3.27E-03	3.99E-03	7.50E-07	3.83E-04	4.68E-07	3.66E-03	4.45E-03	3.27E-03	1.12E-08	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	4.45E-03
293	ALL	671025.8	4343090	NonCancer	2.26E-03	2.59E-03	3.19E-07	1.79E-04	2.48E-07	2.44E-03	3.23E-03	2.26E-03	7.08E-09	0.00E+00	0.00E+00	5.16E-05	0.00E+00	0.00E+00	3.23E-03
294	ALL	671247.1	4343090	NonCancer	1.86E-03	2.08E-03	2.08E-07	1.23E-04	1.83E-07	1.98E-03	2.77E-03	1.86E-03	6.63E-09	0.00E+00	0.00E+00	3.49E-05	0.00E+00	0.00E+00	2.77E-03
295	ALL	671468.4	4343090	NonCancer	1.21E-03	1.34E-03	1.21E-07	7.41E-05	1.13E-07	1.28E-03	1.88E-03	1.21E-03	4.98E-09	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	1.88E-03
296	ALL	671689.8	4343090	NonCancer	7.66E-04	8.50E-04	7.69E-08	4.69E-05	7.16E-08	8.13E-04	1.23E-03	7.66E-04	3.46E-09	0.00E+00	0.00E+00	1.32E-05	0.00E+00	0.00E+00	1.23E-03

297	ALL	671911.1	4343090	NonCancer	5.02E-04	5.59E-04	5.29E-08	3.18E-05	4.79E-08	5.34E-04	8.19E-04	5.02E-04	2.27E-09	0.00E+00	0.00E+00	9.04E-06	0.00E+00	0.00E+00	8.19E-04
298	ALL	672132.4	4343090	NonCancer	3.60E-04	4.03E-04	3.97E-08	2.36E-05	3.51E-08	3.84E-04	5.86E-04	3.60E-04	1.55E-09	0.00E+00	0.00E+00	6.73E-06	0.00E+00	0.00E+00	5.86E-04
299	ALL	672353.7	4343090	NonCancer	2.67E-04	3.00E-04	3.04E-08	1.79E-05	2.64E-08	2.85E-04	4.29E-04	2.67E-04	1.08E-09	0.00E+00	0.00E+00	5.11E-06	0.00E+00	0.00E+00	4.29E-04
300	ALL	672575	4343090	NonCancer	2.57E-04	2.88E-04	2.95E-08	1.74E-05	2.55E-08	2.74E-04	4.07E-04	2.57E-04	1.05E-09	0.00E+00	0.00E+00	4.97E-06	0.00E+00	0.00E+00	4.07E-04
301	ALL	668148.8	4343255	NonCancer	1.40E-03	1.98E-03	6.30E-07	2.98E-04	3.20E-07	1.70E-03	1.70E-03	1.40E-03	2.39E-09	0.00E+00	0.00E+00	9.16E-05	0.00E+00	0.00E+00	1.98E-03
302	ALL	668370.1	4343255	NonCancer	2.84E-03	4.17E-03	1.48E-06	6.92E-04	7.27E-07	3.54E-03	3.31E-03	2.84E-03	2.65E-09	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	4.17E-03
303	ALL	668591.4	4343255	NonCancer	1.83E-03	2.61E-03	8.62E-07	4.06E-04	4.33E-07	2.24E-03	2.21E-03	1.83E-03	2.98E-09	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	2.61E-03
304	ALL	669476.7	4343255	NonCancer	2.66E-03	3.76E-03	1.21E-06	5.72E-04	6.12E-07	3.24E-03	3.24E-03	2.66E-03	4.76E-09	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	3.76E-03
305	ALL	669698	4343255	NonCancer	5.76E-03	8.46E-03	2.99E-06	1.40E-03	1.47E-06	7.17E-03	6.75E-03	5.76E-03	5.33E-09	0.00E+00	0.00E+00	4.31E-04	0.00E+00	0.00E+00	8.46E-03
306	ALL	669919.3	4343255	NonCancer	5.95E-03	8.63E-03	2.96E-06	1.39E-03	1.47E-06	7.35E-03	7.03E-03	5.95E-03	6.01E-09	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	8.63E-03
307	ALL	670140.6	4343255	NonCancer	6.38E-03	9.16E-03	3.07E-06	1.44E-03	1.53E-06	7.83E-03	7.58E-03	6.38E-03	6.65E-09	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	9.16E-03
308	ALL	670361.9	4343255	NonCancer	4.28E-03	5.87E-03	1.74E-06	8.30E-04	9.06E-07	5.11E-03	5.28E-03	4.28E-03	7.16E-09	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	5.87E-03
309	ALL	670583.2	4343255	NonCancer	2.85E-03	3.65E-03	8.47E-07	4.18E-04	4.83E-07	3.28E-03	3.74E-03	2.85E-03	7.64E-09	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	3.74E-03
310	ALL	670804.5	4343255	NonCancer	2.52E-03	3.03E-03	5.27E-07	2.73E-04	3.41E-07	2.79E-03	3.46E-03	2.52E-03	8.64E-09	0.00E+00	0.00E+00	8.13E-05	0.00E+00	0.00E+00	3.46E-03
311	ALL	671025.8	4343255	NonCancer	1.76E-03	2.00E-03	2.39E-07	1.35E-04	1.89E-07	1.89E-03	2.52E-03	1.76E-03	5.61E-09	0.00E+00	0.00E+00	3.88E-05	0.00E+00	0.00E+00	2.52E-03
312	ALL	671247.1	4343255	NonCancer	1.43E-03	1.60E-03	1.61E-07	9.51E-05	1.41E-07	1.52E-03	2.12E-03	1.43E-03	5.01E-09	0.00E+00	0.00E+00	2.70E-05	0.00E+00	0.00E+00	2.12E-03
313	ALL	671468.4	4343255	NonCancer	1.04E-03	1.16E-03	1.07E-07	6.49E-05	9.86E-08	1.11E-03	1.60E-03	1.04E-03	4.12E-09	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	1.60E-03
314	ALL	671689.8	4343255	NonCancer	6.74E-04	7.48E-04	6.82E-08	4.15E-05	6.33E-08	7.16E-04	1.07E-03	6.74E-04	2.89E-09	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	1.07E-03
315	ALL	671911.1	4343255	NonCancer	4.54E-04	5.05E-04	4.75E-08	2.86E-05	4.32E-08	4.83E-04	7.30E-04	4.54E-04	1.97E-09	0.00E+00	0.00E+00	8.11E-06	0.00E+00	0.00E+00	7.30E-04
316	ALL	672132.4	4343255	NonCancer	3.29E-04	3.68E-04	3.64E-08	2.16E-05	3.21E-08	3.51E-04	5.31E-04	3.29E-04	1.40E-09	0.00E+00	0.00E+00	6.16E-06	0.00E+00	0.00E+00	5.31E-04
317	ALL	672353.7	4343255	NonCancer	2.53E-04	2.84E-04	2.90E-08	1.71E-05	2.51E-08	2.70E-04	4.04E-04	2.53E-04	1.02E-09	0.00E+00	0.00E+00	4.87E-06	0.00E+00	0.00E+00	4.04E-04
318	ALL	672575	4343255	NonCancer	1.94E-04	2.19E-04	2.29E-08	1.34E-05	1.95E-08	2.08E-04	3.07E-04	1.94E-04	7.48E-10	0.00E+00	0.00E+00	3.82E-06	0.00E+00	0.00E+00	3.07E-04
319	ALL	668148.8	4343420	NonCancer	1.04E-03	1.43E-03	4.19E-07	2.00E-04	2.18E-07	1.24E-03	1.30E-03	1.04E-03	2.38E-09	0.00E+00	0.00E+00	6.13E-05	0.00E+00	0.00E+00	1.43E-03
320	ALL	668370.1	4343420	NonCancer	3.00E-03	4.44E-03	1.59E-06	7.43E-04	7.79E-07	3.75E-03	3.50E-03	3.00E-03	2.58E-09	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	4.44E-03
321	ALL	668591.4	4343420	NonCancer	6.74E-03	1.02E-02	3.83E-06	1.78E-03	1.85E-06	8.53E-03	7.67E-03	6.74E-03	2.78E-09	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	1.02E-02
322	ALL	668812.7	4343420	NonCancer	6.57E-03	9.90E-03	3.70E-06	1.72E-03	1.79E-06	8.31E-03	7.50E-03	6.57E-03	3.08E-09	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	9.90E-03
323	ALL	669034	4343420	NonCancer	5.97E-03	8.94E-03	3.31E-06	1.54E-03	1.60E-06	7.52E-03	6.85E-03	5.97E-03	3.36E-09	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	8.94E-03
324	ALL	669255.3	4343420	NonCancer	3.40E-03	4.96E-03	1.72E-06	8.05E-04	8.50E-07	4.21E-03	4.02E-03	3.40E-03	3.70E-09	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	4.96E-03
325	ALL	669476.7	4343420	NonCancer	4.32E-03	6.31E-03	2.21E-06	1.03E-03	1.09E-06	5.36E-03	5.07E-03	4.31E-03	4.08E-09	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	6.31E-03
326	ALL	669698	4343420	NonCancer	2.83E-03	3.93E-03	1.20E-06	5.72E-04	6.19E-07	3.41E-03	3.47E-03	2.83E-03	4.78E-09	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	3.93E-03
327	ALL	669919.3	4343420	NonCancer	3.05E-03	4.20E-03	1.26E-06	5.98E-04	6.51E-07	3.66E-03	3.76E-03	3.05E-03	5.21E-09	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	4.20E-03
328	ALL	670140.6	4343420	NonCancer	2.64E-03	3.53E-03	9.62E-07	4.64E-04	5.16E-07	3.11E-03	3.34E-03	2.64E-03	5.48E-09	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	3.53E-03
329	ALL	670361.9	4343420	NonCancer	2.37E-03	3.05E-03	7.35E-07	3.60E-04	4.13E-07	2.73E-03	3.07E-03	2.37E-03	5.91E-09	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	3.07E-03
330	ALL	670583.2	4343420	NonCancer	2.09E-03	2.60E-03	5.36E-07	2.70E-04	3.22E-07	2.37E-03	2.81E-03	2.09E-03	6.38E-09	0.00E+00	0.00E+00	8.11E-05	0.00E+00	0.00E+00	2.81E-03
331	ALL	670804.5	4343420	NonCancer	1.96E-03	2.32E-03	3.71E-07	1.96E-04	2.50E-07	2.15E-03	2.73E-03	1.96E-03	7.18E-09	0.00E+00	0.00E+00	5.79E-05	0.00E+00	0.00E+00	2.73E-03
332	ALL	671025.8	4343420	NonCancer	1.57E-03	1.79E-03	2.20E-07	1.23E-04	1.71E-07	1.69E-03	2.27E-03	1.57E-03	5.68E-09	0.00E+00	0.00E+00	3.56E-05	0.00E+00	0.00E+00	2.27E-03
333	ALL	671247.1	4343420	NonCancer	1.26E-03	1.42E-03	1.47E-07	8.60E-05	1.26E-07	1.35E-03	1.87E-03	1.26E-03	4.48E-09	0.00E+00	0.00E+00	2.45E-05	0.00E+00	0.00E+00	1.87E-03
334	ALL	671468.4	4343420	NonCancer	8.71E-04	9.69E-04	9.03E-08	5.46E-05	8.27E-08	9.26E-04	1.33E-03	8.71E-04	3.33E-09	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	1.33E-03
335	ALL	671689.8	4343420	NonCancer	6.08E-04	6.75E-04	6.19E-08	3.76E-05	5.73E-08	6.46E-04	9.51E-04	6.08E-04	2.50E-09	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	9.51E-04
336	ALL	671911.1	4343420	NonCancer	4.17E-04	4.64E-04	4.35E-08	2.62E-05	3.97E-08	4.44E-04	6.63E-04	4.17E-04	1.75E-09	0.00E+00	0.00E+00	7.42E-06	0.00E+00	0.00E+00	6.63E-04
337	ALL	672132.4	4343420	NonCancer	3.00E-04	3.36E-04	3.28E-08	1.96E-05	2.92E-08	3.20E-04	4.80E-04	3.00E-04	1.25E-09	0.00E+00	0.00E+00	5.56E-06	0.00E+00	0.00E+00	4.80E-04
338	ALL	672353.7	4343420	NonCancer	2.28E-04	2.56E-04	2.61E-08	1.54E-05	2.26E-08	2.43E-04	3.62E-04	2.28E-04	9.23E-10	0.00E+00	0.00E+00	4.39E-06	0.00E+00	0.00E+00	3.62E-04
339	ALL	672575	4343420	NonCancer	1.80E-04	2.03E-04	2.13E-08	1.24E-05	1.81E-08	1.93E-04	2.84E-04	1.80E-04	6.88E-10	0.00E+00	0.00E+00	3.55E-06	0.00E+00	0.00E+00	2.84E-04
340	ALL	668148.8	4343585	NonCancer	7.21E-04	9.34E-04	2.29E-07	1.12E-04	1.27E-07	8.34E-04	9.39E-04	7.21E-04	2.35E-09	0.00E+00	0.00E+00	3.39E-05	0.00E+00	0.00E+00	9.39E-04
341	ALL	668370.1	4343585	NonCancer	1.12E-03	1.54E-03	4.60E-07	2.19E-04	2.38E-07	1.34E-03	1.40E-03	1.12E-03	2.53E-09	0.00E+00	0.00E+00	6.71E-05	0.00E+00	0.00E+00	1.54E-03
342	ALL	668591.4	4343585	NonCancer	1.80E-03	2.58E-03	8.56E-07	4.03E-04	4.29E-07	2.21E-03	2.16E-03	1.80E-03	2.66E-09	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	2.58E-03
343	ALL	668812.7	4343585	NonCancer	1.78E-03	2.53E-03	8.16E-07	3.85E-04	4.12E-07	2.17E-03	2.16E-03	1.78E-03	2.94E-09	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	2.53E-03
344	ALL	669034	4343585	NonCancer	1.92E-03	2.70E-03	8.57E-07	4.05E-04	4.35E-07	2.33E-03	2.34E-03	1.92E-03	3.24E-09	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	2.70E-03
345	ALL	669255.3	4343585	NonCancer	1.80E-03	2.48E-03	7.40E-07	3.52E-04	3.84E-07	2.16E-03	2.23E-03	1.80E-03	3.51E-09	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	2.48E-03
346	ALL	669476.7	4343585	NonCancer	1.91E-03	2.60E-03	7.49E-07	3.58E-04	3.93E-07	2.27E-03	2.38E-03	1.91E-03	3.81E-09	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	2.60E-03
347	ALL	669698	4343585	NonCancer	1.88E-03	2.50E-03	6.77E-07	3.27E-04	3.63E-07	2.21E-03	2.37E-03	1.88E-03	4.03E-09	0.00E+00	0.00E+00	9.95E-05	0.00E+00	0.00E+00	2.50E-03
348	ALL	669919.3	4343585	NonCancer	1.88E-03	2.45E-03	6.19E-07	3.01E-04	3.41E-07	2.18E-03	2.41E-03	1.88E-03	4.36E-09	0.00E+00	0.00E+00	9.15E-05	0.00E+00	0.00E+00	2.45E-03
349	ALL	670140.6	4343585	NonCancer	1.84E-03	2.36E-03	5.51E-07	2.71E-04	3.13E-07	2.12E-03	2.40E-03	1.84E-03	4.69E-09	0.00E+00	0.00E+00	8.20E-05	0.00E+00	0.00E+00	2.40E-03
350	ALL	670361.9	4343585	NonCancer	1.76E-03	2.20E-03	4.64E-07	2.32E-04	2.75E-07	1.99E-03	2.33E-03	1.76E-03	5.03E-09	0.00E+00	0.00E+00	6.99E-05	0.00E+00	0.00E+00	2.33E-03
351	ALL	670583.2	4343585	NonCancer	1.66E-03	2.03E-03	3.82E-07	1.95E-04	2.38E-07	1.86E-03	2.26E-03	1.66E-03	5.47E-09	0.00E+00	0.00E+00	5.83E-05	0.00E+00	0.00E+00	2.26E-03
352	ALL	670804.5	4343585	NonCancer	1.57E-03	1.87E-03	3.08E-07	1.61E-04	2.05E-07	1.73E-03	2.20E-03	1.57E-03	6.00E-09	0.00E+00	0.00E+00	4.80E-05	0.00E+00	0.00E+00	2.20E-03
353	ALL	671025.8	4343585	NonCancer	1.42E-03	1.64E-03	2.24E-07	1.22E-04	1.64E-07	1.54E-03	2.05E-03	1.42E-03	6.42E-09	0.00E+00	0.00E+00	3.60E-05	0.00E+00	0.00E+00	2.05E-03
354	ALL	671247.1	4343585	NonCancer	1.06E-03	1.19E-03	1.24E-07	7.24E-05	1.06E-07	1.13E-03	1.57E-03	1.06E-03	3.76E-09	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	1.57E-03
355	ALL	671468.4	4343585	NonCancer	7.99E-04	8.90E-04	8.43E-08	5.07E-05	7.65E-08	8.50E-04	1.21E-03	7.99E-04	3.01E-09	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	1.21E-03
356	ALL	671689.8	4343585	NonCancer	5.92E-04	6.58E-04	6.08E-08	3.68E-05	5.60E-08	6.29E-04	9.14E-04	5.92E-04	2.35E-09	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	9.14E-04
357	ALL	671911.1	4343585	NonCancer	4.04E-04	4.50E-04	4.18E-08	2.53E-05	3.83E-08	4.30E-04	6.36E-04	4.04E-04	1.66E-09	0.00E+00	0.00E+00	7.15E-06	0.00E+00	0.00E+00	6.36E-04
358	ALL	672132.4	4343585	NonCancer	2.95E-04	3.29E-04	3.16E-08	1.89E-05	2.84E-08	3.14E-04	4.67E-04	2.95E-04	1.21E-09	0.00E+00	0.00E+00	5.37E-06	0.00E+00	0.00E+00	4.67E-04
359	ALL	672353.7	4343585	NonCancer	2.17E-04	2.43E-04	2.46E-08	1.45E-05	2.14E-08	2.32E-04	3.44E-04	2.17E-04	8.73E-10	0.00E+00	0.00E+00	4.13E-06	0.00E+00	0.00E+00	3.44E-04
360	ALL	672575	4343585	NonCancer	1.72E-04	1.94E-04	2.03E-08	1.18E-05	1.73E-08	1.84E-04	2.71E-04	1.72E-04	6.68E-10	0.00E+00	0.00E+00	3.38E-06	0.00E+00	0.00E+00	2.71E-04
361	ALL	668148.8	4343750	NonCancer	7.03E-04	9.12E-04	2.24E-07	1.10E-04	1.25E-07	8.14E-04	9.15E-04	7.03E-04	2.22E-09	0.00E+00	0.00E+00	3.32E-05	0.00E+00	0.00E+00	9.15E-04
362	ALL	668370.1	4343750	NonCancer	8.38E-04	1.10E-03	2.82E-07	1.37E-04	1.54E-07	9.76E-04	1.08E-03	8.38E-04	2.43E-09	0.00E+00	0.00E+00	4.16E-05	0.00E+00	0.00E+00	1.10E-03
363	ALL	668591.4	4343750	NonCancer	1.04E-03	1.40E-03	3.88E-07	1.87E-04	2.06E-07	1.23E-03	1.32E-03	1.04E-03	2.60E-09	0.00E+00	0.00E+00	5.69E-05	0.00E+00	0.00E+00	1.40E-03
364	ALL	668812.7	4343750	NonCancer	1.22E-03	1.65E-03	4.66E-07	2.23E-04	2.46E-07	1.44E-03	1.53E-03	1.22E-03	2.77E-09	0.00E+00	0.00E+00	6.83E-05	0.00E+00	0.00E+00	1.65E-03
365	ALL	669034	4343750	NonCancer	1.24E-03	1.62E-03	4.16E-07	2.02E-04	2.28E-07	1.44E-03	1.58E-03	1.24E-03	3.09E-09	0.00E+00	0.00E+00	6.14E-05	0.00E+00	0.00E+00	1.62E-03
366	ALL	669255.3	4343750	NonCancer	1.33E-03	1.73E-03	4.30E-07	2.10E-04	2.38E-07	1.54E-03	1.71E-03	1.33E-03	3.32E-09	0.00E+00	0.00E+00	6.35E-05	0.00E+00	0.00E+00	1.73E-03
367	ALL	669476.7	4343750	NonCancer	1.40E-03	1.81E-03	4.40E-07	2.16E-04	2.46E-07	1.61E-03	1.80E-03	1.40E-03	3.48E-09	0.00E+00	0.00E+00	6.52E-05	0.00E+00	0.00E+00	1.81E-03
368	ALL	669698	4343750	NonCancer	1.45E-03	1.86E-03	4.35E-07	2.14E-04	2.47E-07	1.67E-03	1.88E-03	1.45E-03	3.67E-09	0.00E+00	0.00E+00	6.47E-05	0.00E+00	0.00E+00	1.88E-03
369	ALL	669919.3	4343750	NonCancer	1.47E-03	1.86E-03	4.14E-07	2.05E-04	2.40E-07	1.68E-03	1.93E-03	1.47E-03	3.88E-09	0.00E+00	0.00E+00	6.18E-05	0.00E+00	0.00E+00	1.93E-03
370	ALL	670140.6	4343750	NonCancer	1.46E-03	1.82E-03	3.76E-07	1.89E-04	2.25E-07	1.65E-03	1.94E-03	1.46E-03	4.13E-09	0.00E+00	0.00E+00	5.66E-05	0.00E+00	0.00E+00	1.94E-03
371	ALL	670361.9	4343750	NonCancer	1.44E-03	1.76E-03	3.34E-07	1.70E-04	2.08E-07	1.61E-03	1.94E-03	1.44E-03	4.46E-09	0.00E+00	0.00E+00	5.09E-05	0.00E+00	0.00E+00	1.94E-03
372	ALL	670583.2	4343750	NonCancer	1.36E-03	1.64E-03	2.88E-07	1.49E-04	1.86E-07	1.51E-03	1.87E-03	1.36E-03	4.73E-09	0.00E+00	0.00E+00	4.44E-05	0.00E+00	0.00E+00	1.87E-03
373	ALL	670804.5	4343750	NonCancer	1.27E-03	1.51E-03	2.43E-07	1.28E-04	1.64E-07	1.40E-03	1.80E-03	1.27E-03	5.08E-09	0.00E+00	0.00E+00	3.80E-05	0.00E+00	0.00E+00	1.80E-03
374	ALL	671025.8	4343750	NonCancer	1.17E-03	1.37E-03	2.01E-07	1.08E-04	1.42E-07	1.28E-03	1.69E-03	1.17E-03	5.39E-09	0.00E+00	0.00E+00	3.20E-05	0.00E+00	0.00E+00	1.69E-03
375	ALL	671247.1	4343750	NonCancer	9.96E-04	1.14E-03	1.39E-07	7.79E-05	1.08E-07	1.07E-03	1.49E-03	9.96E-04	4.13E-09	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	1.49E-03
376	ALL	671468.4	4343750	NonCancer	8.25E-04	9.39E-04	1.11E-07	6.29E-05	8.81E-08	8.88E-04	1.25E-03	8.25E-04	3.50E-09	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	1.25E-03
377	ALL	671689.8	4343750	NonCancer	6.56E-04	7.45E-04	8.66E-08	4.92E-05	6.94E-08	7.05E-04	1.00E-03	6.56E-04	2.81E-09	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	1.00E-03
378	ALL	671911.1	4343750	NonCancer	4.66E-04	5.20E-04	5.04E-08	3.01E-05	4.51E-08	4.97E-04	7.22E-04	4.66E-04	1.88E-09	0.00E+00	0.00E+00	8.55E-06	0.00E+00	0.00E+00	7.22E-04
379	ALL	672132.4	4343750	NonCancer	3.14E-04	3.50E-04	3.34E-08	2.00E-05	3.01E-08	3.34E-04	4.93E-04	3.14E-04	1.30E-09	0.00E+00	0.00E+00	5.68E-06	0.00E+00	0.00E+00	4.93E-04
380	ALL	672353.7	4343750	NonCancer	2.18E-04	2.44E-04	2.41E-08	1.43E-05	2.13E-08	2.32E-04	3.43E-04	2.18E-04	8.71E-10	0.00E+00	0.00E+00	4.07E-06	0.00E+00	0.00E+00	3.43E-04
381	ALL	672575	4343750	NonCancer	1.72E-04	1.93E-04	2.00E-08	1.17E-05	1.72E-08	1.84E-04	2.70E-04	1.72E-04	6.77E-10	0.00E+00	0.00E+00	3.34E-06	0.00E+00	0.00E+00	2.70E-04
382	ALL	668148.8	4343915	NonCancer	6.87E-04	8.90E-04	2.18E-07	1.07E-04	1.21E-07	7.94E-04	8.93E-04	6.87E-04	2.07E-09	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	8.93E-04
383	ALL	668370.1	4343915	NonCancer	7.65E-04	9.86E-04	2.37E-07	1.16E-04	1.33E-07	8.82E-04	9.95E-04	7.65E-04	2.28E-09	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	9.95E-04
384	ALL	668591.4	4343915	NonCancer	8.61E-04	1.10E-03	2.60E-07	1.28E-04	1.47E-07	9.90E-04	1.12E-03	8.61E-04	2.47E-09	0.00E+00	0.00E+00	3.87E-05	0.00E+00	0.00E+00	1.12E-03
385	ALL	668812.7	4343915	NonCancer	9.75E-04	1.25E-03	3.00E-07	1.47E-04	1.69E-07	1.12E-03	1.26E-03	9.75E-04	2.64E-09	0.00E+00	0.00E+00	4.45E-05	0.00E+00	0.00E+00	1.26E-03
386	ALL	669034	4343915	NonCancer	1.06E-03	1.35E-03	3.02E-07	1.50E-04	1.74E-07	1.22E-03	1.39E-03	1.06E-03	2.86E-09	0.00E+00	0.00E+00	4.50E-05	0.00E+00	0.00E+00	1.39E-03
387	ALL	669255.3	4343915	NonCancer	1.14E-03	1.43E-03	3.02E-07	1.51E-04	1.78E-07	1.29E-03	1.49E-03	1.14E-03	3.06E-09	0.00E+00	0.00E+00	4.53E-05	0.00E+00	0.00E+00	1.49E-03
388	ALL	669476.7	4343915	NonCancer	1.18E-03	1.47E-03	3.05E-07	1.53E-04	1.82E-07	1.33E-03	1.55E-03	1.18E-03	3.22E-09	0.00E+00	0.00E+00	4.58E-05	0.00E+00	0.00E+00	1.55E-03
389	ALL	669698	4343915	NonCancer	1.20E-03	1.49E-03	3.05E-07	1.53E-04	1.83E-07	1.35E-03	1.58E-03	1.20E-03	3.33E-09	0.00E+00	0.00E+00	4.59E-05	0.00E+00	0.00E+00	1.58E-03
390	ALL	669919.3	4343915	NonCancer	1.22E-03	1.51E-03	3.01E-07	1.52E-04	1.83E-07	1.38E-03	1.63E-03	1.22E-03	3.47E-09	0.00E+00	0.00E+00	4.55E-05	0.00E+00	0.00E+00	1.63E-03
391	ALL	670140.6	4343915	NonCancer	1.22E-03	1.49E-03	2.77E-07	1.42E-04	1.74E-07	1.36E-03	1.64E-03	1.22E-03	3.69E-09	0.00E+00	0.00E+00	4.23E-05	0.00E+00	0.00E+00	1.64E-03
392	ALL	670361.9	4343915	NonCancer	1.19E-03	1.44E-03	2.54E-07	1.31E-04	1.63E-07	1.32E-03	1.63E-03	1.19E-03	3.91E-09	0.00E+00	0.00E+00	3.91E-05	0.00E+00	0.00E+00	1.63E-03
393	ALL	670583.2	4343915	NonCancer	1.15E-03	1.37E-03	2.26E-07	1.18E-04	1.50E-07	1.27E-03	1.60E-03	1.15E-03	4.19E-09	0.00E+00	0.00E+00	3.51E-05	0.00E+00	0.00E+00	1.60E-03
394	ALL	670804.5	4343915	NonCancer	1.09E-03	1.28E-03	1.96E-07	1.04E-04	1.35E-07	1.19E-03	1.54E-03	1.09E-03	4.46E-09	0.00E+00	0.00E+00	3.09E-05	0.00E+00	0.00E+00	1.54E-03
395	ALL	671025.8	4343915	NonCancer	1.01E-03	1.18E-03	1.64E-07	8.91E-05	1.19E-07	1.10E-03	1.47E-03	1.01E-03	4.70E-09	0.00E+00	0.00E+00	2.63E-05	0.00E+00	0.00E+00	1.47E-03

396	ALL	671247.1	4343915	NonCancer	8.80E-04	1.02E-03	1.40E-07	7.64E-05	1.02E-07	9.57E-04	1.31E-03	8.80E-04	4.70E-09	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	1.31E-03
397	ALL	671468.4	4343915	NonCancer	7.16E-04	8.14E-04	9.50E-08	5.39E-05	7.59E-08	7.70E-04	1.07E-03	7.15E-04	3.00E-09	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	1.07E-03
398	ALL	671689.8	4343915	NonCancer	5.49E-04	6.15E-04	6.27E-08	3.69E-05	5.43E-08	5.86E-04	8.37E-04	5.49E-04	2.22E-09	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	8.37E-04
399	ALL	671911.1	4343915	NonCancer	4.23E-04	4.72E-04	4.51E-08	2.71E-05	4.07E-08	4.50E-04	6.50E-04	4.23E-04	1.65E-09	0.00E+00	0.00E+00	7.66E-06	0.00E+00	0.00E+00	6.50E-04
400	ALL	672132.4	4343915	NonCancer	3.32E-04	3.70E-04	3.55E-08	2.13E-05	3.20E-08	3.54E-04	5.16E-04	3.32E-04	1.35E-09	0.00E+00	0.00E+00	6.04E-06	0.00E+00	0.00E+00	5.16E-04
401	ALL	672353.7	4343915	NonCancer	2.45E-04	2.74E-04	2.70E-08	1.60E-05	2.39E-08	2.61E-04	3.85E-04	2.45E-04	1.01E-09	0.00E+00	0.00E+00	4.57E-06	0.00E+00	0.00E+00	3.85E-04
402	ALL	672575	4343915	NonCancer	1.86E-04	2.09E-04	2.12E-08	1.25E-05	1.84E-08	1.99E-04	2.91E-04	1.86E-04	7.38E-10	0.00E+00	0.00E+00	3.56E-06	0.00E+00	0.00E+00	2.91E-04
403	ALL	668148.8	4344080	NonCancer	6.23E-04	7.88E-04	1.75E-07	8.69E-05	1.01E-07	7.11E-04	8.21E-04	6.23E-04	1.98E-09	0.00E+00	0.00E+00	2.62E-05	0.00E+00	0.00E+00	8.21E-04
404	ALL	668370.1	4344080	NonCancer	7.15E-04	9.08E-04	2.06E-07	1.02E-04	1.18E-07	8.17E-04	9.36E-04	7.15E-04	2.12E-09	0.00E+00	0.00E+00	3.08E-05	0.00E+00	0.00E+00	9.36E-04
405	ALL	668591.4	4344080	NonCancer	7.93E-04	9.98E-04	2.18E-07	1.09E-04	1.27E-07	9.02E-04	1.04E-03	7.93E-04	2.30E-09	0.00E+00	0.00E+00	3.26E-05	0.00E+00	0.00E+00	1.04E-03
406	ALL	668812.7	4344080	NonCancer	8.76E-04	1.09E-03	2.28E-07	1.14E-04	1.35E-07	9.91E-04	1.15E-03	8.76E-04	2.47E-09	0.00E+00	0.00E+00	3.42E-05	0.00E+00	0.00E+00	1.15E-03
407	ALL	669034	4344080	NonCancer	9.58E-04	1.18E-03	2.33E-07	1.18E-04	1.42E-07	1.08E-03	1.26E-03	9.58E-04	2.64E-09	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	1.26E-03
408	ALL	669255.3	4344080	NonCancer	1.02E-03	1.24E-03	2.32E-07	1.19E-04	1.45E-07	1.14E-03	1.35E-03	1.02E-03	2.81E-09	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	1.35E-03
409	ALL	669476.7	4344080	NonCancer	1.02E-03	1.25E-03	2.37E-07	1.21E-04	1.47E-07	1.14E-03	1.36E-03	1.02E-03	2.91E-09	0.00E+00	0.00E+00	3.60E-05	0.00E+00	0.00E+00	1.36E-03
410	ALL	669698	4344080	NonCancer	1.04E-03	1.26E-03	2.34E-07	1.20E-04	1.47E-07	1.16E-03	1.39E-03	1.04E-03	3.01E-09	0.00E+00	0.00E+00	3.56E-05	0.00E+00	0.00E+00	1.39E-03
411	ALL	669919.3	4344080	NonCancer	1.05E-03	1.26E-03	2.26E-07	1.16E-04	1.44E-07	1.16E-03	1.41E-03	1.05E-03	3.15E-09	0.00E+00	0.00E+00	3.46E-05	0.00E+00	0.00E+00	1.41E-03
412	ALL	670140.6	4344080	NonCancer	1.07E-03	1.27E-03	2.09E-07	1.10E-04	1.39E-07	1.18E-03	1.46E-03	1.07E-03	3.37E-09	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	1.46E-03
413	ALL	670361.9	4344080	NonCancer	1.02E-03	1.21E-03	2.02E-07	1.06E-04	1.34E-07	1.12E-03	1.40E-03	1.02E-03	3.48E-09	0.00E+00	0.00E+00	3.13E-05	0.00E+00	0.00E+00	1.40E-03
414	ALL	670583.2	4344080	NonCancer	9.87E-04	1.17E-03	1.83E-07	9.67E-05	1.25E-07	1.08E-03	1.38E-03	9.87E-04	3.71E-09	0.00E+00	0.00E+00	2.86E-05	0.00E+00	0.00E+00	1.38E-03
415	ALL	670804.5	4344080	NonCancer	9.53E-04	1.11E-03	1.58E-07	8.55E-05	1.13E-07	1.04E-03	1.36E-03	9.53E-04	3.97E-09	0.00E+00	0.00E+00	2.52E-05	0.00E+00	0.00E+00	1.36E-03
416	ALL	671025.8	4344080	NonCancer	8.19E-04	9.36E-04	1.14E-07	6.41E-05	8.90E-08	8.84E-04	1.19E-03	8.19E-04	3.28E-09	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	1.19E-03
417	ALL	671247.1	4344080	NonCancer	7.73E-04	8.91E-04	1.17E-07	6.45E-05	8.75E-08	8.38E-04	1.15E-03	7.73E-04	4.12E-09	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	1.15E-03
418	ALL	671468.4	4344080	NonCancer	6.64E-04	7.59E-04	9.30E-08	5.21E-05	7.22E-08	7.17E-04	1.01E-03	6.64E-04	4.01E-09	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	1.01E-03
419	ALL	671689.8	4344080	NonCancer	4.76E-04	5.31E-04	5.15E-08	3.08E-05	4.61E-08	5.07E-04	7.21E-04	4.76E-04	1.81E-09	0.00E+00	0.00E+00	8.73E-06	0.00E+00	0.00E+00	7.21E-04
420	ALL	671911.1	4344080	NonCancer	3.47E-04	3.85E-04	3.57E-08	2.16E-05	3.29E-08	3.68E-04	5.32E-04	3.47E-04	1.34E-09	0.00E+00	0.00E+00	6.11E-06	0.00E+00	0.00E+00	5.32E-04
421	ALL	672132.4	4344080	NonCancer	2.62E-04	2.91E-04	2.72E-08	1.64E-05	2.49E-08	2.78E-04	4.06E-04	2.62E-04	1.02E-09	0.00E+00	0.00E+00	4.64E-06	0.00E+00	0.00E+00	4.06E-04
422	ALL	672353.7	4344080	NonCancer	2.11E-04	2.35E-04	2.26E-08	1.35E-05	2.03E-08	2.25E-04	3.29E-04	2.11E-04	8.36E-10	0.00E+00	0.00E+00	3.84E-06	0.00E+00	0.00E+00	3.29E-04
423	ALL	672575	4344080	NonCancer	1.65E-04	1.85E-04	1.84E-08	1.09E-05	1.62E-08	1.76E-04	2.58E-04	1.65E-04	6.46E-10	0.00E+00	0.00E+00	3.10E-06	0.00E+00	0.00E+00	2.58E-04
424	ALL	671464.7	4342094	NonCancer	3.95E-03	4.23E-03	2.13E-07	1.63E-04	2.91E-07	4.12E-03	9.29E-03	3.95E-03	3.78E-08	0.00E+00	0.00E+00	4.50E-05	0.00E+00	0.00E+00	9.29E-03
425	ALL	671482.2	4342064	NonCancer	3.72E-03	3.97E-03	1.98E-07	1.52E-04	2.72E-07	3.87E-03	9.23E-03	3.72E-03	3.81E-08	0.00E+00	0.00E+00	4.23E-05	0.00E+00	0.00E+00	9.23E-03
426	ALL	671498.6	4342030	NonCancer	3.43E-03	3.66E-03	1.81E-07	1.40E-04	2.50E-07	3.57E-03	9.10E-03	3.42E-03	3.91E-08	0.00E+00	0.00E+00	3.96E-05	0.00E+00	0.00E+00	9.10E-03
427	ALL	671513.8	4341992	NonCancer	3.04E-03	3.25E-03	1.65E-07	1.26E-04	2.23E-07	3.17E-03	9.03E-03	3.04E-03	4.18E-08	0.00E+00	0.00E+00	3.74E-05	0.00E+00	0.00E+00	9.03E-03
428	ALL	671541.8	4341965	NonCancer	2.58E-03	2.77E-03	1.47E-07	1.10E-04	1.93E-07	2.69E-03	8.07E-03	2.58E-03	3.69E-08	0.00E+00	0.00E+00	3.32E-05	0.00E+00	0.00E+00	8.07E-03
429	ALL	671575.6	4341974	NonCancer	2.29E-03	2.46E-03	1.31E-07	9.78E-05	1.72E-07	2.39E-03	6.45E-03	2.29E-03	2.83E-08	0.00E+00	0.00E+00	2.88E-05	0.00E+00	0.00E+00	6.45E-03
430	ALL	671460.8	4342163	NonCancer	3.74E-03	4.01E-03	2.26E-07	1.65E-04	2.86E-07	3.90E-03	8.00E-03	3.73E-03	3.26E-08	0.00E+00	0.00E+00	4.57E-05	0.00E+00	0.00E+00	8.00E-03
431	ALL	671451	4342187	NonCancer	3.76E-03	4.05E-03	2.38E-07	1.70E-04	2.92E-07	3.93E-03	7.89E-03	3.76E-03	3.36E-08	0.00E+00	0.00E+00	4.77E-05	0.00E+00	0.00E+00	7.89E-03
432	ALL	671510.7	4342220	NonCancer	2.90E-03	3.14E-03	2.01E-07	1.39E-04	2.33E-07	3.04E-03	5.96E-03	2.90E-03	2.29E-08	0.00E+00	0.00E+00	3.88E-05	0.00E+00	0.00E+00	5.96E-03
433	ALL	671524.1	4342193	NonCancer	2.85E-03	3.08E-03	1.87E-07	1.32E-04	2.25E-07	2.98E-03	5.91E-03	2.85E-03	2.16E-08	0.00E+00	0.00E+00	3.65E-05	0.00E+00	0.00E+00	5.91E-03
434	ALL	671522.9	4342251	NonCancer	2.71E-03	2.95E-03	2.00E-07	1.35E-04	2.23E-07	2.85E-03	5.46E-03	2.71E-03	2.12E-08	0.00E+00	0.00E+00	3.79E-05	0.00E+00	0.00E+00	5.46E-03
435	ALL	671599.1	4342253	NonCancer	2.15E-03	2.34E-03	1.62E-07	1.08E-04	1.78E-07	2.26E-03	4.27E-03	2.15E-03	1.52E-08	0.00E+00	0.00E+00	3.03E-05	0.00E+00	0.00E+00	4.27E-03
436	ALL	671627.8	4342257	NonCancer	1.99E-03	2.17E-03	1.52E-07	1.01E-04	1.66E-07	2.09E-03	3.92E-03	1.99E-03	1.38E-08	0.00E+00	0.00E+00	2.84E-05	0.00E+00	0.00E+00	3.92E-03
437	ALL	671583.9	4342116	NonCancer	2.37E-03	2.54E-03	1.40E-07	1.03E-04	1.81E-07	2.47E-03	5.05E-03	2.37E-03	1.73E-08	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	5.05E-03
438	ALL	671595.5	4342072	NonCancer	2.29E-03	2.46E-03	1.30E-07	9.72E-05	1.73E-07	2.39E-03	5.07E-03	2.29E-03	1.82E-08	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	5.07E-03
439	ALL	671663.1	4342056	NonCancer	1.92E-03	2.06E-03	1.16E-07	8.46E-05	1.48E-07	2.00E-03	4.21E-03	1.92E-03	1.60E-08	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	4.21E-03
440	ALL	671600.9	4342030	NonCancer	2.26E-03	2.42E-03	1.27E-07	9.53E-05	1.70E-07	2.35E-03	5.32E-03	2.26E-03	2.08E-08	0.00E+00	0.00E+00	2.66E-05	0.00E+00	0.00E+00	5.32E-03
441	ALL	671526.6	4342156	NonCancer	2.85E-03	3.07E-03	1.75E-07	1.27E-04	2.20E-07	2.98E-03	6.06E-03	2.85E-03	2.17E-08	0.00E+00	0.00E+00	3.48E-05	0.00E+00	0.00E+00	6.06E-03
442	ALL	671629	4342292	NonCancer	1.92E-03	2.10E-03	1.55E-07	1.01E-04	1.63E-07	2.02E-03	3.73E-03	1.92E-03	1.34E-08	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	3.73E-03
443	ALL	671641.8	4341981	NonCancer	1.91E-03	2.05E-03	1.15E-07	8.37E-05	1.46E-07	1.99E-03	4.81E-03	1.91E-03	2.04E-08	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	4.81E-03
444	ALL	671666.8	4342019	NonCancer	1.87E-03	2.01E-03	1.13E-07	8.24E-05	1.44E-07	1.95E-03	4.30E-03	1.87E-03	1.74E-08	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	4.30E-03
445	ALL	671407.1	4342220	NonCancer	4.50E-03	4.86E-03	3.02E-07	2.11E-04	3.54E-07	4.72E-03	9.12E-03	4.50E-03	4.36E-08	0.00E+00	0.00E+00	5.95E-05	0.00E+00	0.00E+00	9.12E-03
446	ALL	671415.6	4342183	NonCancer	4.54E-03	4.88E-03	2.82E-07	2.03E-04	3.48E-07	4.74E-03	9.56E-03	4.54E-03	4.54E-08	0.00E+00	0.00E+00	5.73E-05	0.00E+00	0.00E+00	9.56E-03
447	ALL	671635.1	4341706	NonCancer	1.16E-03	1.28E-03	1.11E-07	6.90E-05	1.04E-07	1.23E-03	6.78E-03	1.16E-03	2.00E-08	0.00E+00	0.00E+00	2.20E-05	0.00E+00	0.00E+00	6.78E-03
448	ALL	671693.6	4341710	NonCancer	1.08E-03	1.19E-03	1.06E-07	6.52E-05	9.76E-08	1.14E-03	4.96E-03	1.08E-03	1.81E-08	0.00E+00	0.00E+00	2.07E-05	0.00E+00	0.00E+00	4.96E-03
449	ALL	671719.8	4341736	NonCancer	1.10E-03	1.22E-03	1.07E-07	6.59E-05	9.92E-08	1.17E-03	4.49E-03	1.10E-03	1.81E-08	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	4.49E-03
450	ALL	671673.5	4341630	NonCancer	1.07E-03	1.18E-03	1.07E-07	6.56E-05	9.68E-08	1.13E-03	6.18E-03	1.07E-03	2.44E-08	0.00E+00	0.00E+00	2.22E-05	0.00E+00	0.00E+00	6.18E-03
451	ALL	671888	4341936	NonCancer	1.08E-03	1.18E-03	8.93E-08	5.79E-05	9.21E-08	1.14E-03	2.37E-03	1.08E-03	1.03E-08	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	2.37E-03
452	ALL	671977.6	4341952	NonCancer	8.81E-04	9.59E-04	6.71E-08	4.48E-05	7.34E-08	9.26E-04	1.80E-03	8.81E-04	7.17E-09	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	1.80E-03
453	ALL	672039.2	4341895	NonCancer	7.03E-04	7.63E-04	5.15E-08	3.48E-05	5.80E-08	7.38E-04	1.42E-03	7.03E-04	5.45E-09	0.00E+00	0.00E+00	9.92E-06	0.00E+00	0.00E+00	1.42E-03
454	ALL	671858.2	4341754	NonCancer	9.45E-04	1.05E-03	9.45E-08	5.78E-05	8.65E-08	1.00E-03	3.04E-03	9.45E-04	1.34E-08	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	3.04E-03
455	ALL	671922.8	4341634	NonCancer	6.55E-04	7.28E-04	6.70E-08	4.07E-05	6.08E-08	6.96E-04	1.64E-03	6.55E-04	7.58E-09	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	1.64E-03
456	ALL	671613.7	4341791	NonCancer	1.39E-03	1.52E-03	1.15E-07	7.46E-05	1.18E-07	1.47E-03	7.00E-03	1.39E-03	2.23E-08	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	7.00E-03
457	ALL	671853.3	4341731	NonCancer	9.14E-04	1.01E-03	9.24E-08	5.64E-05	8.40E-08	9.70E-04	3.05E-03	9.14E-04	1.32E-08	0.00E+00	0.00E+00	1.75E-05	0.00E+00	0.00E+00	3.05E-03
458	ALL	671783.8	4341586	NonCancer	8.41E-04	9.38E-04	9.05E-08	5.42E-05	7.89E-08	8.96E-04	3.29E-03	8.41E-04	1.69E-08	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	3.29E-03
459	ALL	671783.2	4341547	NonCancer	7.93E-04	8.84E-04	8.58E-08	5.13E-05	7.45E-08	8.44E-04	3.00E-03	7.93E-04	1.57E-08	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	3.00E-03
460	ALL	671769.2	4341461	NonCancer	7.21E-04	8.04E-04	7.89E-08	4.71E-05	6.79E-08	7.68E-04	2.49E-03	7.20E-04	1.39E-08	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	2.49E-03
461	ALL	671800.9	4341421	NonCancer	6.27E-04	7.02E-04	7.08E-08	4.19E-05	6.01E-08	6.69E-04	2.01E-03	6.27E-04	9.86E-09	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	2.01E-03
462	ALL	671880.1	4341427	NonCancer	5.10E-04	5.70E-04	5.65E-08	3.36E-05	4.88E-08	5.43E-04	1.22E-03	5.10E-04	5.53E-09	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	1.22E-03
463	ALL	672012.4	4341505	NonCancer	4.03E-04	4.43E-04	3.53E-08	2.25E-05	3.56E-08	4.26E-04	8.28E-04	4.03E-04	2.94E-09	0.00E+00	0.00E+00	6.47E-06	0.00E+00	0.00E+00	8.28E-04
464	ALL	672084.3	4341548	NonCancer	4.24E-04	4.64E-04	3.55E-08	2.29E-05	3.67E-08	4.47E-04	8.66E-04	4.24E-04	3.21E-09	0.00E+00	0.00E+00	6.60E-06	0.00E+00	0.00E+00	8.66E-04
465	ALL	671915.5	4341478	NonCancer	4.96E-04	5.53E-04	5.31E-08	3.19E-05	4.70E-08	5.28E-04	1.16E-03	4.96E-04	4.79E-09	0.00E+00	0.00E+00	9.44E-06	0.00E+00	0.00E+00	1.16E-03
466	ALL	671903.3	4341564	NonCancer	5.94E-04	6.62E-04	6.38E-08	3.82E-05	5.62E-08	6.32E-04	1.50E-03	5.94E-04	6.82E-09	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	1.50E-03
467	ALL	671863.1	4341522	NonCancer	6.09E-04	6.82E-04	6.89E-08	4.07E-05	5.88E-08	6.50E-04	1.64E-03	6.09E-04	7.63E-09	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	1.64E-03
468	ALL	671830.1	4341336	NonCancer	5.32E-04	5.96E-04	6.10E-08	3.59E-05	5.15E-08	5.68E-04	1.40E-03	5.32E-04	7.48E-09	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	1.40E-03
469	ALL	671835.6	4341288	NonCancer	4.98E-04	5.59E-04	5.77E-08	3.39E-05	4.84E-08	5.32E-04	1.20E-03	4.98E-04	6.79E-09	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.20E-03
470	ALL	671825.9	4341275	NonCancer	4.96E-04	5.57E-04	5.74E-08	3.38E-05	4.82E-08	5.30E-04	1.19E-03	4.96E-04	6.83E-09	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	1.19E-03
471	ALL	672136.7	4341371	NonCancer	2.62E-04	2.88E-04	2.30E-08	1.46E-05	2.32E-08	2.77E-04	4.87E-04	2.62E-04	1.57E-09	0.00E+00	0.00E+00	4.15E-06	0.00E+00	0.00E+00	4.87E-04
472	ALL	671920.3	4341307	NonCancer	4.12E-04	4.57E-04	4.21E-08	2.56E-05	3.83E-08	4.38E-04	8.87E-04	4.12E-04	3.79E-09	0.00E+00	0.00E+00	7.52E-06	0.00E+00	0.00E+00	8.87E-04
473	ALL	671695.4	4341257	NonCancer	4.99E-04	5.55E-04	5.21E-08	3.15E-05	4.65E-08	5.31E-04	1.13E-03	4.99E-04	6.03E-09	0.00E+00	0.00E+00	9.50E-06	0.00E+00	0.00E+00	1.13E-03
474	ALL	671682	4341176	NonCancer	4.33E-04	4.78E-04	4.11E-08	2.55E-05	3.90E-08	4.59E-04	9.09E-04	4.33E-04	4.13E-09	0.00E+00	0.00E+00	7.49E-06	0.00E+00	0.00E+00	9.09E-04
475	ALL	671991.7	4341196	NonCancer	3.51E-04	3.91E-04	3.65E-08	2.21E-05	3.29E-08	3.74E-04	7.20E-04	3.51E-04	3.12E-09	0.00E+00	0.00E+00	6.48E-06	0.00E+00	0.00E+00	7.20E-04
476	ALL	672022.1	4341232	NonCancer	3.35E-04	3.72E-04	3.40E-08	2.07E-05	3.11E-08	3.56E-04	6.70E-04	3.35E-04	2.62E-09	0.00E+00	0.00E+00	6.01E-06	0.00E+00	0.00E+00	6.70E-04
477	ALL	671992.3	4341178	NonCancer	3.34E-04	3.70E-04	3.32E-08	2.03E-05	3.08E-08	3.55E-04	6.63E-04	3.34E-04	2.69E-09	0.00E+00	0.00E+00	5.91E-06	0.00E+00	0.00E+00	6.63E-04
478	ALL	671540.6	4341238	NonCancer	4.57E-04	4.99E-04	3.78E-08	2.45E-05	3.92E-08	4.81E-04	9.23E-04	4.56E-04	3.95E-09	0.00E+00	0.00E+00	7.12E-06	0.00E+00	0.00E+00	9.23E-04
479	ALL	671575.3	4341178	NonCancer	4.00E-04	4.37E-04	3.24E-08	2.12E-05	3.42E-08	4.21E-04	7.65E-04	4.00E-04	3.01E-09	0.00E+00	0.00E+00	6.06E-06	0.00E+00	0.00E+00	7.65E-04
480	ALL	671454.7	4341196	NonCancer	4.91E-04	5.35E-04	3.85E-08	2.54E-05	4.14E-08	5.16E-04	9.39E-04	4.91E-04	4.33E-09	0.00E+00	0.00E+00	7.39E-06	0.00E+00	0.00E+00	9.39E-04
481	ALL	671523.5	4341116	NonCancer	3.83E-04	4.18E-04	3.04E-08	2.00E-05	3.25E-08	4.04E-04	7.08E-04	3.83E-04	2.99E-09	0.00E+00	0.00E+00	5.73E-06	0.00E+00	0.00E+00	7.08E-04
482	ALL	671413.2	4341127	NonCancer	4.94E-04	5.38E-04	3.75E-08	2.50E-05	4.13E-08	5.19E-04	8.91E-04	4.94E-04	3.72E-09	0.00E+00	0.00E+00	7.15E-06	0.00E+00	0.00E+00	8.91E-04
483	ALL	671471.1	4341065	NonCancer	3.93E-04	4.28E-04	3.04E-08	2.02E-05	3.31E-08	4.13E-04	7.02E-04	3.93E-04	2.96E-09	0.00E+00	0.00E+00	5.76E-06	0.00E+00	0.00E+00	7.02E-04
484	ALL	671601.6	4341051	NonCancer	3.68E-04	4.05E-04	3.26E-08	2.07E-05	3.24E-08	3.89E-04	7.10E-04	3.68E-04	3.12E-09	0.00E+00	0.00E+00	6.00E-06	0.00E+00	0.00E+00	7.10E-04
485	ALL	671198.6	4341254	NonCancer	6.73E-04	7.29E-04	4.71E-08	3.24E-05	5.48E-08	7.05E-04	1.28E-03	6.73E-04	4.98E-09	0.00E+00	0.00E+00	9.18E-06	0.00E+00	0.00E+00	1.28E-03
486	ALL	671278.5	4341212	NonCancer	6.40E-04	6.95E-04	4.63E-08	3.15E-05	5.28E-08	6.72E-04	1.18E-03	6.40E-04	4.95E-09	0.00E+00	0.00E+00	9.01E-06	0.00E+00	0.00E+00	1.18E-03
487	ALL	671230.3	4341133	NonCancer	5.44E-04	5.90E-04	3.92E-08	2.66E-05	4.48E-08	5.71E-04	9.66E-04	5.44E-04	3.85E-09	0.00E+00	0.00E+00	7.54E-06	0.00E+00	0.00E+00	9.66E-04
488	ALL	671073.1	4341272	NonCancer	7.36E-04	7.96E-04	4.99E-08	3.47E-05	5.94E-08	7.71E-04	1.43E-03	7.36E-04	5.13E-09	0.00E+00	0.00E+00	9.75E-06	0.00E+00	0.00E+00	1.43E-03
489	ALL	671122.5	4341374	NonCancer	9.09E-04	9.83E-04	6.23E-08	4.32E-05	7.35E-08	9.52E-04	1.91E-03	9.09E-04	7.62E-09	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	1.91E-03
490	ALL	671118.8	4341397	NonCancer	9.56E-04	1.04E-03	6.62E-08	4.57E-05	7.75E-08	1.00E-03	2.05E-03	9.56E-04	8.59E-09	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	2.05E-03
491	ALL	670978.4	4341324	NonCancer	9.45E-04	1.02E-03	6.07E-08	4.31E-05	7.49E-08	9.88E-04	1.82E-03	9.45E-04	7.98E-09	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	1.82E-03
492	ALL	670932.9	4341394	NonCancer	1.23E-03	1.32E-03	7.48E-08	5.43E-05	9.53E-08	1.28E-03	2.31E-03	1.23E-03	1.41E-08	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	2.31E-03
493	ALL	670935.2	4341367	NonCancer	1.14E-03	1.23E-03	7.07E-08	5.10E-05	8.91E-08	1.19E-03	2.16E-03	1.14E-03	1.21E-08	0.00E+00	0.00E+00	1.50E-05	0.00E+00	0.00E+00	2.16E-03
494	ALL	671108	4340976	NonCancer	5.13E-04	5.58E-04	3.80E-08	2.56E-05	4.27E-08	5.39E-04	8.77E-04	5.13E-04	3.56E-09	0.00E+00	0.00E+00	7.25E-06	0.00E+00	0.00E+00	8.77E-04

495	ALL	671286.7	4340979	NonCancer	4.30E-04	4.67E-04	3.19E-08	2.15E-05	3.58E-08	4.51E-04	7.33E-04	4.30E-04	2.85E-09	0.00E+00	0.00E+00	6.06E-06	0.00E+00	0.00E+00	7.33E-04
496	ALL	671675.4	4342489	NonCancer	1.34E-03	1.48E-03	1.21E-07	7.61E-05	1.19E-07	1.42E-03	2.40E-03	1.34E-03	7.75E-09	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	2.40E-03
497	ALL	671091.4	4342277	NonCancer	1.92E-02	2.29E-02	3.71E-06	1.95E-03	2.47E-06	2.12E-02	2.84E-02	1.92E-02	8.29E-08	0.00E+00	0.00E+00	5.74E-04	0.00E+00	0.00E+00	2.84E-02
498	ALL	671051.8	4342332	NonCancer	1.47E-02	1.72E-02	2.52E-06	1.35E-03	1.77E-06	1.61E-02	2.13E-02	1.47E-02	6.04E-08	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	2.13E-02
499	ALL	671051.8	4342369	NonCancer	1.50E-02	1.80E-02	3.21E-06	1.66E-03	2.05E-06	1.66E-02	2.11E-02	1.49E-02	5.53E-08	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	2.11E-02
500	ALL	670953	4342361	NonCancer	9.60E-03	1.11E-02	1.46E-06	8.03E-04	1.08E-06	1.04E-02	1.42E-02	9.60E-03	5.51E-08	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	1.42E-02
501	ALL	670695.7	4342236	NonCancer	3.65E-03	4.12E-03	4.54E-07	2.62E-04	3.57E-07	3.91E-03	5.87E-03	3.65E-03	4.06E-08	0.00E+00	0.00E+00	7.52E-05	0.00E+00	0.00E+00	5.87E-03
502	ALL	670545.5	4342319	NonCancer	2.59E-03	2.96E-03	3.74E-07	2.09E-04	2.74E-07	2.80E-03	4.05E-03	2.59E-03	2.70E-08	0.00E+00	0.00E+00	6.06E-05	0.00E+00	0.00E+00	4.05E-03
503	ALL	670711.7	4342488	NonCancer	4.44E-03	5.14E-03	6.92E-07	3.79E-04	5.03E-07	4.83E-03	6.58E-03	4.44E-03	3.35E-08	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	6.58E-03
504	ALL	670648.3	4342502	NonCancer	3.78E-03	4.36E-03	5.74E-07	3.16E-04	4.23E-07	4.10E-03	5.57E-03	3.78E-03	2.77E-08	0.00E+00	0.00E+00	9.34E-05	0.00E+00	0.00E+00	5.57E-03
505	ALL	670648.3	4342631	NonCancer	3.92E-03	4.45E-03	5.18E-07	2.94E-04	4.15E-07	4.21E-03	5.48E-03	3.92E-03	1.62E-08	0.00E+00	0.00E+00	8.52E-05	0.00E+00	0.00E+00	5.48E-03
506	ALL	670806.3	4342728	NonCancer	6.37E-03	8.08E-03	1.82E-06	9.02E-04	1.05E-06	7.28E-03	8.44E-03	6.37E-03	1.86E-08	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	8.44E-03
507	ALL	670688.2	4342739	NonCancer	3.94E-03	4.55E-03	6.06E-07	3.33E-04	4.51E-07	4.27E-03	5.43E-03	3.94E-03	1.41E-08	0.00E+00	0.00E+00	9.72E-05	0.00E+00	0.00E+00	5.43E-03
508	ALL	670804.9	4342428	NonCancer	5.84E-03	6.73E-03	8.86E-07	4.88E-04	6.48E-07	6.33E-03	8.66E-03	5.84E-03	4.96E-08	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	8.66E-03
509	ALL	670439.5	4342472	NonCancer	2.45E-03	2.84E-03	3.94E-07	2.14E-04	2.77E-07	2.66E-03	3.65E-03	2.45E-03	1.96E-08	0.00E+00	0.00E+00	6.21E-05	0.00E+00	0.00E+00	3.65E-03
510	ALL	670358.4	4342579	NonCancer	2.37E-03	2.76E-03	4.00E-07	2.16E-04	2.77E-07	2.58E-03	3.43E-03	2.37E-03	1.58E-08	0.00E+00	0.00E+00	6.24E-05	0.00E+00	0.00E+00	3.43E-03
511	ALL	670546.6	4342662	NonCancer	3.41E-03	3.99E-03	5.85E-07	3.14E-04	4.09E-07	3.72E-03	4.88E-03	3.41E-03	2.04E-08	0.00E+00	0.00E+00	9.31E-05	0.00E+00	0.00E+00	4.88E-03
512	ALL	670537	4342595	NonCancer	3.16E-03	3.66E-03	5.05E-07	2.75E-04	3.64E-07	3.43E-03	4.59E-03	3.16E-03	2.18E-08	0.00E+00	0.00E+00	8.15E-05	0.00E+00	0.00E+00	4.59E-03
513	ALL	670483.5	4342777	NonCancer	3.23E-03	3.85E-03	6.31E-07	3.31E-04	4.18E-07	3.56E-03	4.54E-03	3.23E-03	1.68E-08	0.00E+00	0.00E+00	9.86E-05	0.00E+00	0.00E+00	4.54E-03
514	ALL	670508.2	4342755	NonCancer	3.34E-03	3.97E-03	6.39E-07	3.36E-04	4.28E-07	3.68E-03	4.69E-03	3.34E-03	1.71E-08	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	4.69E-03
515	ALL	670517.8	4342869	NonCancer	3.50E-03	4.27E-03	7.95E-07	4.07E-04	4.97E-07	3.91E-03	4.82E-03	3.50E-03	1.54E-08	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	4.82E-03
516	ALL	670545.3	4342851	NonCancer	3.53E-03	4.27E-03	7.61E-07	3.92E-04	4.86E-07	3.93E-03	4.86E-03	3.53E-03	1.46E-08	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	4.86E-03
517	ALL	670582.4	4342878	NonCancer	3.97E-03	4.92E-03	1.00E-06	5.05E-04	6.03E-07	4.47E-03	5.36E-03	3.96E-03	1.49E-08	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	5.36E-03
518	ALL	670304.9	4342689	NonCancer	2.28E-03	2.69E-03	4.22E-07	2.23E-04	2.82E-07	2.50E-03	3.27E-03	2.28E-03	2.02E-08	0.00E+00	0.00E+00	6.68E-05	0.00E+00	0.00E+00	3.27E-03
519	ALL	670039.7	4342661	NonCancer	1.51E-03	1.83E-03	3.26E-07	1.68E-04	2.04E-07	1.68E-03	2.18E-03	1.51E-03	1.05E-08	0.00E+00	0.00E+00	5.00E-05	0.00E+00	0.00E+00	2.18E-03
520	ALL	670156.5	4342673	NonCancer	1.89E-03	2.25E-03	3.74E-07	1.96E-04	2.42E-07	2.09E-03	2.69E-03	1.89E-03	1.18E-08	0.00E+00	0.00E+00	5.75E-05	0.00E+00	0.00E+00	2.69E-03
521	ALL	670236.2	4342649	NonCancer	2.10E-03	2.47E-03	3.78E-07	2.01E-04	2.55E-07	2.30E-03	3.00E-03	2.10E-03	1.31E-08	0.00E+00	0.00E+00	5.85E-05	0.00E+00	0.00E+00	3.00E-03
522	ALL	670071.3	4342738	NonCancer	1.84E-03	2.21E-03	3.82E-07	1.98E-04	2.43E-07	2.04E-03	2.59E-03	1.84E-03	1.04E-08	0.00E+00	0.00E+00	5.83E-05	0.00E+00	0.00E+00	2.59E-03
523	ALL	669990.2	4342753	NonCancer	1.63E-03	1.97E-03	3.52E-07	1.82E-04	2.21E-07	1.81E-03	2.29E-03	1.63E-03	9.61E-09	0.00E+00	0.00E+00	5.37E-05	0.00E+00	0.00E+00	2.29E-03
524	ALL	669928.4	4342742	NonCancer	1.47E-03	1.78E-03	3.30E-07	1.69E-04	2.04E-07	1.64E-03	2.07E-03	1.47E-03	9.14E-09	0.00E+00	0.00E+00	5.02E-05	0.00E+00	0.00E+00	2.07E-03
525	ALL	669815.8	4342673	NonCancer	1.25E-03	1.51E-03	2.76E-07	1.42E-04	1.71E-07	1.39E-03	1.78E-03	1.25E-03	8.63E-09	0.00E+00	0.00E+00	4.22E-05	0.00E+00	0.00E+00	1.78E-03
526	ALL	669743	4342656	NonCancer	1.18E-03	1.42E-03	2.55E-07	1.32E-04	1.60E-07	1.31E-03	1.68E-03	1.18E-03	8.22E-09	0.00E+00	0.00E+00	3.91E-05	0.00E+00	0.00E+00	1.68E-03
527	ALL	669791	4342745	NonCancer	1.31E-03	1.59E-03	2.92E-07	1.50E-04	1.81E-07	1.46E-03	1.85E-03	1.31E-03	8.22E-09	0.00E+00	0.00E+00	4.45E-05	0.00E+00	0.00E+00	1.85E-03
528	ALL	669696.3	4342731	NonCancer	1.21E-03	1.47E-03	2.67E-07	1.37E-04	1.66E-07	1.35E-03	1.71E-03	1.21E-03	7.71E-09	0.00E+00	0.00E+00	4.06E-05	0.00E+00	0.00E+00	1.71E-03
529	ALL	669536.9	4342553	NonCancer	9.84E-04	1.20E-03	2.31E-07	1.17E-04	1.40E-07	1.10E-03	1.39E-03	9.84E-04	6.51E-09	0.00E+00	0.00E+00	3.51E-05	0.00E+00	0.00E+00	1.39E-03
530	ALL	671174.9	4342280	NonCancer	1.75E-02	2.09E-02	3.50E-06	1.83E-03	2.28E-06	1.94E-02	2.72E-02	1.75E-02	8.57E-08	0.00E+00	0.00E+00	5.39E-04	0.00E+00	0.00E+00	2.72E-02
531	ALL	671068.4	4342170	NonCancer	1.33E-02	1.66E-02	3.52E-06	1.76E-03	2.04E-06	1.51E-02	2.70E-02	1.33E-02	1.71E-07	0.00E+00	0.00E+00	5.48E-04	0.00E+00	0.00E+00	2.70E-02
532	ALL	670965.7	4342179	NonCancer	8.26E-03	9.66E-03	1.43E-06	7.68E-04	9.62E-07	9.03E-03	1.50E-02	8.26E-03	9.04E-08	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	1.50E-02
533	ALL	670815.5	4342198	NonCancer	4.49E-03	5.09E-03	5.93E-07	3.38E-04	4.52E-07	4.83E-03	7.59E-03	4.49E-03	5.56E-08	0.00E+00	0.00E+00	9.88E-05	0.00E+00	0.00E+00	7.59E-03
534	ALL	670737.6	4342098	NonCancer	3.40E-03	3.82E-03	4.06E-07	2.37E-04	3.28E-07	3.64E-03	5.75E-03	3.40E-03	4.84E-08	0.00E+00	0.00E+00	7.09E-05	0.00E+00	0.00E+00	5.75E-03
535	ALL	670762.3	4342069	NonCancer	3.66E-03	4.10E-03	4.17E-07	2.46E-04	3.46E-07	3.91E-03	6.23E-03	3.66E-03	5.27E-08	0.00E+00	0.00E+00	7.40E-05	0.00E+00	0.00E+00	6.23E-03
536	ALL	670817.4	4342041	NonCancer	4.35E-03	4.85E-03	4.64E-07	2.79E-04	4.00E-07	4.63E-03	7.54E-03	4.35E-03	6.42E-08	0.00E+00	0.00E+00	8.44E-05	0.00E+00	0.00E+00	7.54E-03
537	ALL	670895.4	4342025	NonCancer	5.35E-03	5.94E-03	5.63E-07	3.40E-04	4.87E-07	5.69E-03	9.76E-03	5.35E-03	8.79E-08	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	9.76E-03
538	ALL	670979	4341915	NonCancer	7.25E-03	7.82E-03	4.80E-07	3.38E-04	5.44E-07	7.59E-03	1.27E-02	7.25E-03	1.33E-07	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	1.27E-02
539	ALL	671115.9	4341864	NonCancer	8.14E-03	8.66E-03	4.11E-07	3.25E-04	5.45E-07	8.47E-03	1.49E-02	8.14E-03	3.32E-07	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	1.49E-02
540	ALL	671199.6	4341771	NonCancer	4.82E-03	5.16E-03	2.78E-07	2.07E-04	3.42E-07	5.02E-03	1.10E-02	4.82E-03	2.98E-07	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	1.10E-02
541	ALL	671222.4	4341377	NonCancer	9.29E-04	1.01E-03	6.85E-08	4.62E-05	7.65E-08	9.75E-04	2.19E-03	9.29E-04	1.03E-08	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	2.19E-03
542	ALL	671714.8	4341392	NonCancer	6.71E-04	7.50E-04	7.42E-08	4.41E-05	6.36E-08	7.16E-04	2.26E-03	6.71E-04	1.16E-08	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	2.26E-03
543	ALL	671366.9	4341999	NonCancer	9.85E-03	1.04E-02	4.16E-07	3.58E-04	6.39E-07	1.02E-02	3.84E-02	9.85E-03	3.12E-07	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	3.84E-02
544	ALL	671226.2	4342236	NonCancer	1.42E-02	1.61E-02	1.86E-06	1.06E-03	1.44E-06	1.53E-02	2.53E-02	1.42E-02	1.06E-07	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	2.53E-02
545	ALL	669098.4	4343412	NonCancer	5.23E-03	7.79E-03	2.85E-06	1.33E-03	1.39E-06	6.56E-03	6.03E-03	5.22E-03	3.45E-09	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	7.79E-03
546	ALL	668908.6	4343365	NonCancer	7.20E-03	1.09E-02	4.07E-06	1.89E-03	1.97E-06	9.11E-03	8.21E-03	7.20E-03	3.26E-09	0.00E+00	0.00E+00	5.86E-04	0.00E+00	0.00E+00	1.09E-02
547	ALL	668851.5	4343360	NonCancer	6.48E-03	9.76E-03	3.65E-06	1.69E-03	1.76E-06	8.19E-03	7.41E-03	6.48E-03	3.18E-09	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	9.76E-03
548	ALL	668831.4	4343371	NonCancer	7.33E-03	1.11E-02	4.16E-06	1.93E-03	2.01E-06	9.28E-03	8.35E-03	7.33E-03	3.14E-09	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	1.11E-02
549	ALL	668733.9	4343302	NonCancer	3.01E-03	4.42E-03	1.56E-06	7.31E-04	7.69E-07	3.75E-03	3.53E-03	3.01E-03	3.11E-09	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	4.42E-03
550	ALL	668686.9	4343200	NonCancer	1.66E-03	2.35E-03	7.50E-07	3.55E-04	3.80E-07	2.02E-03	2.03E-03	1.66E-03	3.19E-09	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	2.35E-03
551	ALL	668671.8	4343089	NonCancer	1.26E-03	1.72E-03	4.99E-07	2.38E-04	2.61E-07	1.50E-03	1.58E-03	1.26E-03	3.30E-09	0.00E+00	0.00E+00	7.30E-05	0.00E+00	0.00E+00	1.72E-03
552	ALL	668806.2	4343002	NonCancer	1.16E-03	1.54E-03	4.21E-07	2.03E-04	2.25E-07	1.36E-03	1.48E-03	1.16E-03	3.61E-09	0.00E+00	0.00E+00	6.19E-05	0.00E+00	0.00E+00	1.54E-03
553	ALL	668918.7	4343025	NonCancer	1.23E-03	1.64E-03	4.54E-07	2.18E-04	2.41E-07	1.45E-03	1.57E-03	1.23E-03	3.84E-09	0.00E+00	0.00E+00	6.67E-05	0.00E+00	0.00E+00	1.64E-03
554	ALL	669024.5	4342943	NonCancer	1.13E-03	1.48E-03	3.77E-07	1.84E-04	2.06E-07	1.31E-03	1.47E-03	1.13E-03	4.19E-09	0.00E+00	0.00E+00	5.58E-05	0.00E+00	0.00E+00	1.48E-03
555	ALL	669288.2	4342916	NonCancer	1.15E-03	1.48E-03	3.60E-07	1.77E-04	2.00E-07	1.33E-03	1.53E-03	1.15E-03	5.02E-09	0.00E+00	0.00E+00	5.35E-05	0.00E+00	0.00E+00	1.53E-03
556	ALL	669333.6	4342923	NonCancer	1.17E-03	1.52E-03	3.71E-07	1.82E-04	2.06E-07	1.36E-03	1.56E-03	1.17E-03	5.15E-09	0.00E+00	0.00E+00	5.50E-05	0.00E+00	0.00E+00	1.56E-03
557	ALL	669365.5	4342978	NonCancer	1.29E-03	1.70E-03	4.40E-07	2.13E-04	2.39E-07	1.51E-03	1.69E-03	1.29E-03	5.09E-09	0.00E+00	0.00E+00	6.49E-05	0.00E+00	0.00E+00	1.70E-03
558	ALL	669337	4343151	NonCancer	2.20E-03	3.10E-03	9.92E-07	4.69E-04	5.02E-07	2.67E-03	2.70E-03	2.20E-03	4.53E-09	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	3.10E-03
559	ALL	669303.4	4343304	NonCancer	5.82E-03	8.67E-03	3.17E-06	1.48E-03	1.54E-06	7.31E-03	6.73E-03	5.82E-03	4.12E-09	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	8.67E-03
560	ALL	669222.7	4343235	NonCancer	4.98E-03	7.40E-03	2.69E-06	1.25E-03	1.31E-06	6.25E-03	5.78E-03	4.98E-03	4.07E-09	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	7.40E-03
561	ALL	669135.4	4343306	NonCancer	6.27E-03	9.40E-03	3.48E-06	1.62E-03	1.69E-06	7.90E-03	7.20E-03	6.27E-03	3.71E-09	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	9.40E-03

Appendix L



LEGEND

- Simulated Groundwater level draw-down (After initial mine dewatering and as at 1956)
- Proposed Monitoring Well Location
- Idaho-Maryland Mineral Rights - 200 ft below ground surface
- Surface property owned by Rise Grass Valley Inc.
- Upper South Fork Wolf Creek Watershed
- Upper Wolf Creek Watershed
- Mineral Claim Boundary
- Road
- Creek
- Culvert - Major
- Area without access to NID potable water
- Domestic Water Well with Rise ID and located from State database
- Domestic Water Well with Historic Emgold ID and not located from State database
- Domestic Water Well with Rise ID, pump test data, and located from State database
- Domestic Water Well with Rise ID located from State database - New wells included in study
- Domestic Water Well located from State database - Not included in study
- Potenially Affected Domestic Well - EMKO (7 wells in E. Bennett Area)

Idaho-Maryland Mine Project
Rise Grass Valley Inc.
PO Box 271
Grass Valley, California, USA 95945

Domestic Water Well Locations from California Department of Water Resources Well Completion Reports and Emgold Historic EIR documents
Groundwater drawdown from Itasca Denver Inc. Prediction of Groundwater Inflow to the Underground Workings at the Idaho-Maryland Mine, January 2020
Land use data from Nevada Counny My Neighborhood Map Application
NID Service areas from maps supplied to Rise by NID.
Relative Drawdown Contours from Itasca Denver Inc. Predictions of Groundwater Inflows to the Underground Mine Workings at the Idaho-Maryland Mine, March 2020

Idaho-Maryland Mineral Rights
Total Area = 2585 Acres
Mineral rights contiguous at 200 feet below ground surface

N W E S

SCALE 1"=1000'

2500 ft

Sheet 16

Well Locations and Itasca Drawdown

Monitoring Wells & projected drawdown after initial dewatering

Drawnby : Rise Grass Valley
Date : MAY 1 2022

Appendix M

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MEMORANDUM

To:	Ben Mossman, Rise Grass Valley, Inc.
From:	Matthew Morales, Dudek
Subject:	Idaho-Maryland Mine Project Energy Demand Estimates
Date:	May 26, 2022
cc:	
Attachment A:	

This memorandum estimates and presents the energy demand of the Idaho-Maryland Mine Project (Project) based on the information provided in the EIR, Appendix E.1.

1 Energy Demand Estimates

1.1 Petroleum

Project construction and operations would consume energy in the form of petroleum-based fuels associated with the use of off-road equipment, worker/ or employee vehicles, haul/ material transport trucks, and routine testing and maintenance of the emergency generators. Fuel consumption from off-road equipment, vehicles, and generator testing was estimated by converting the total carbon dioxide (CO_2) emissions from these sources (as provided in Appendix E.1 of the EIR) for each construction and operational phase to gallons using the conversion factors for CO_2 to gallons of gasoline or diesel. The conversion factor for gasoline is 8.78 kilograms per metric ton CO_2 per gallon, and the conversion factor for diesel is 10.21 kilograms per metric ton CO_2 per gallon (The Climate Registry 2021). For the calculation, it was assumed that the off-road equipment that would directly generate CO_2 (i.e., not the electrically powered equipment, which was included in the electricity estimate in Section 1.2 below), as well as all trucks and emergency generators for the Project construction and operations, would be diesel fueled. Construction worker and employee vehicles were assumed to be gasoline fueled. The estimated petroleum usage for the Project is shown in Table 1.

Table 1. Project Petroleum Demand

Emission Source	CO_2 (MT/year)	kg CO_2/gallon	Gallons/year
Year 2021 – Construction/Dewatering			
Emergency Generators (Diesel)	301.76	10.21	29,555.34
Off-Road Equipment (Diesel)	1,029.94	10.21	100,875.61
On-Road Vehicles – Off-Site Trucks (Diesel)	310.12	10.21	30,373.74

Table 1. Project Petroleum Demand

Emission Source	CO_2 (MT/year)	kg CO_2/gallon	Gallons/year
On-Road Vehicles – Off-Site Workers (Gasoline)	186.24	8.78	21,211.47
On-Road Vehicles – On-Site Trucks (Diesel)	9.18	10.21	899.02
On-Road Vehicles – On-Site Workers (Gasoline)	2.43	8.78	276.70
		Year 2021 - Total Diesel Gallons	**161,703.70**
		Year 2021 - Total Gasoline Gallons	**21,488.17**
Year 2022 to 2026 – Mining, Brunswick Industrial Site Operations, Fill Placement at Centennial			
Emergency Generators (Diesel)	603.53	10.21	59,111.66
Off-Road Equipment (Diesel)	721.54	10.21	70,669.93
On-Road Vehicles – Off-Site Trucks (Diesel)	360.59	10.21	35,317.59
On-Road Vehicles – Off-Site Employees (Gasoline)	540.02	8.78	61,505.90
On-Road Vehicles – On-Site Trucks (Diesel)	63.11	10.21	6,181.37
On-Road Vehicles – On-Site Employees (Gasoline)	8.29	8.78	944.37
Logging/ Chipping – Off-Road Equipment (Diesel)	1.07	10.21	104.80
Logging/ Chipping – Off-Site Trucks (Diesel)	4.52	10.21	442.36
Logging/ Chipping – On-Site Trucks (Diesel)	0.02	10.21	2.04
		Annual Diesel (gal/year)	*171,829.74*
		Annual Gasoline (gal/year)	*62,450.27*
		Year 2022 to 2026 - Total Diesel Gallons	**859,148.71**
		Year 2022 to 2026 - Total Gasoline Gallons	**312,251.34**
Year 2027 to 2032 – Mining, Brunswick Industrial Site Operations, Fill Placement at Brunswick			
Emergency Generators (Diesel)	603.53	10.21	59,111.66
Off-Road Equipment (Diesel)	721.55	10.21	70,670.91
On-Road Vehicles – Off-Site Trucks (Diesel)	223.94	10.21	21,933.02
On-Road Vehicles – Off-Site Employees (Gasoline)	456.66	8.78	52,011.10
On-Road Vehicles – On-Site Trucks (Diesel)	75.33	10.21	7,377.83
On-Road Vehicles – On-Site Employees (Gasoline)	7.02	8.78	800.04
Logging/ Chipping – Off-Road Equipment (Diesel)	1.07	10.21	104.80
Logging/ Chipping – Off-Site Trucks (Diesel)	4.52	10.21	442.36
Logging/ Chipping – On-Site Trucks (Diesel)	0.02	10.21	2.04
		Annual Diesel (gal/year)	*159,642.61*
		Annual Gasoline (gal/year)	*52,811.14*
		Year 2027 to 2032 - Total Diesel Gallons	**957,855.68**
		Year 2027 to 2032 - Total Gasoline Gallons	**316,866.83**

Table 1. Project Petroleum Demand

Emission Source	CO_2 (MT/year)	kg CO_2/gallon	Gallons/year
Year 2033 to 2102 – Mining, Brunswick Industrial Site Operations, Fill Placement at Off-Site Location			
Emergency Generators (Diesel)	603.53	10.21	59,111.66
Off-Road Equipment (Diesel)	395.26	10.21	38,713.03
On-Road Vehicles – Off-Site Trucks (Diesel)	2,605.60	10.21	255,201.16
On-Road Vehicles – Off-Site Employees (Gasoline)	393.19	8.78	44,782.36
On-Road Vehicles – On-Site Trucks (Diesel)	48.15	10.21	4,715.69
On-Road Vehicles – On-Site Employees (Gasoline)	6.02	8.78	685.40
		Annual Diesel (gal/year)	*357,741.53*
		Annual Gasoline (gal/year)	*45,467.76*
		Year 2033 to 2102 - Total Diesel Gallons	**25,041,907.23**
		Year 2033 to 2102 - Total Gasoline Gallons	**3,182,743.10**
Year 2103 – Reclamation			
Off-Road Equipment (Diesel)	25.86	10.21	2,532.81
On-Road Vehicles – Off-Site Trucks (Diesel)	14.60	10.21	1,430.22
On-Road Vehicles – Off-Site Workers (Gasoline)	5.01	8.78	570.36
		Year 2103 - Total Diesel Gallons	**3,963.03**
		Year 2103 - Total Gasoline Gallons	**570.36**
Total Project			
		Total Diesel Gallons for Entire Project	*27,024,578.36*
		Total Gasoline Gallons for Entire Project	*3,833,919.79*
		Total Petroleum Demand (Gallons) for Entire Project	**30,858,498.14**

Sources: EIR Appendix E.1; The Climate Registry (2021)
Notes: CO_2 = carbon dioxide; MT = metric ton; kg = kilogram.

1.2 Electricity

Implementation of the Project would result in the consumption of electricity resources during construction and operations. Off-road equipment (such as graders, excavators, cranes, et.) and stationary generators would generally be powered by diesel; however, some equipment, such as boring machines, air compressors, locomotives, pumps, and ventilation equipment would be electrically powered. Electricity would also be required for the ore processing facility, water treatment, and surface buildings. The estimated electricity usage for the Project is based on the EIR, Appendix E.1, and is summarized in Table 2.

Table 2. Project Electricity Demand

Utility	Megawatt-hours/ year
Year 2021 – Construction/Dewatering	

PG&E Supplied Electricity	16,512.95
Year 2021 - Total Electricity	**16,512.95**
Year 2022 to 2026 – Mining, Brunswick Industrial Site Operations, Fill Placement at Centennial	
PG&E Supplied Electricity	49,612.82
Year 2022 to 2026 - Total Electricity (MWh)	**248,064.12**
Year 2027 to 2032 – Mining, Brunswick Industrial Site Operations, Fill Placement at Brunswick	
PG&E Supplied Electricity	49,612.82
Year 2027 to 2032 - Total Electricity (MWh)	**297,676.95**
Year 2033 to 2102 – Mining, Brunswick Industrial Site Operations, Fill Placement at Off-Site Location	
PG&E Supplied Electricity	49,612.82
Year 2033 to 2102 - Total Electricity (MWh)	**3,472,897.72**
Year 2103 – Reclamation	
PG&E Supplied Electricity	0.00
Year 2103 - Total Electricity (MWh)	**0.00**
Total Project	
Total Electricity Demand (MWh) for Entire Project	**4,035,151.73**

Source: EIR Appendix E.1
Notes: kWh = kilowatt-hour.

1.3 Natural Gas

Natural gas consumption is not anticipated to be required during Project construction or operations.

2 References

The Climate Registry. 2021. 2021 Default Emission Factors. Accessed October 2021. https://www.theclimateregistry.org/wp-content/uploads/2021/05/2021-Default-Emission-Factor-Document.pdf.

Appendix N

REVISED

TRAFFIC IMPACT ANALYSIS

FOR THE

IDAHO-MARYLAND MINE PROJECT

Nevada County, CA

Prepared For:

Rise Grass Valley Inc.
P.O. Box 271
Grass Valley, CA 95945

Prepared By:

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May 13, 2022

5875-02

0 Rise Grass Valley TIA.rpt

TRAFFIC IMPACT ANALYSIS FOR THE
IDAHO-MARYLAND MINE PROJECT
Nevada County, CA

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TRAFFIC IMPACT ANALYSIS FOR THE
IDAHO-MARYLAND MINE PROJECT
Nevada County, CA

I. INTRODUCTION

I.1. Study Purpose and Objectives

This technical study has been prepared for Rise Grass Valley Inc. ("Rise Grass Valley" or "Rise") to evaluate the potential traffic impacts associated with the proposed Idaho-Maryland Mine Project located in Nevada County, CA.

This report was prepared:

- to provide information for the CEQA analysis;
- to comply with the Nevada County Code & General Plan;
- in accordance with the County of Nevada Traffic Impact Study Guidelines, last updated November 2013 (Pack, 2013); and
- following City of Grass Valley Traffic Study Guidelines for applicable roadways and intersections.

The 2018 CEQA Guidelines Update includes new and revised provisions for analyzing the significance of transportation impacts. Specifically, CEQA Guidelines section 15064.3 was adopted, effective December 28, 2018, and states that Vehicle Miles Travelled (VMT) for land use projects "exceeding an applicable threshold of significance may indicate a significant impact." (14 CCR § 15064.3, subd. (b)(1).). **This new metric took effect state-wide July 1, 2020.** As a result of this new section, the significance threshold for transportation impacts in both CEQA Guidelines section 15064 and Appendix G (Environmental Checklist Form) are described in terms of VMT rather than LOS.

- A project must still be evaluated individually and cumulatively to determine whether the project is consistent with the local agency's General Plan. The project was evaluated under an Existing plus Approved Projects condition, i.e., existing plus near term condition which included local projects previously approved by Nevada County and Grass Valley. Cumulatively, it was analyzed under future conditions which may include either a list of past, present and probably future projects producing related or cumulative impacts or a summary of projections contained in an adopted local, regional or statewide plan or related planning document. For this project the Nevada County Transportation Commission travel demand model was used as the basis to establish Cumulative No Project conditions.

The Level of Service (LOS) analysis was evaluated for General Plan consistency and to identify feasible improvements to meet the General Plan Vehicle LOS Standard. Vehicle LOS is used to identify potential improvement projects that may be included in conditions of approval for the project entitlements.

The scope of this traffic impact analysis has been identified through consultation with Nevada County and the City of Grass Valley. In addition to VMT analysis, this study addresses the following scenarios for LOS analysis:

1. Existing Setting
2. Existing Plus Approved Projects [EPAP] (5-year)
    A. Existing Plus Approved Projects [EPAP] Conditions
    B. EPAP plus Project Conditions to Centennial site
    C. EPAP plus Project Conditions to SR 49
3. Cumulative Impacts (2035)
    A. 2035 Traffic Conditions
    B. 2035 Plus Project Conditions to Centennial site
    C. 2035 Plus Project Conditions to SR 49

The objective of the Vehicle LOS study is to identify those street intersections and roadways that may be impacted by development of this project based on Nevada County and City of Grass Valley significance criteria and to suggest strategies for locations that are adversely affected by this project.

The VMT analysis incorporates Transportation Alternatives pursuant to Nevada County Land Use and Development Code Sec. L-II 4.1.9. The Vehicle LOS study also includes an evaluation of truck turning movements, sight distance at key locations, acceleration on grade, and the Traffic Index (TI) to assess pavement conditions.

I.2. Project Description

Rise Grass Valley proposes to reinitiate underground mining and gold mineralization processing of the Idaho-Maryland Mine (the "project") in unincorporated Nevada County (County). The proposed facilities and operations will be located on two properties owned by Rise referred to as the Brunswick Industrial Site and the Centennial Industrial Site. The project sites are shown on the vicinity map in Figure 1. The project comprises five primary elements:

1. dewatering the existing underground mine workings,
2. mining existing and new underground mine workings,
3. processing gold mineralization and rock,

4. placing engineered fill at the Brunswick and Centennial Industrial Sites, and
5. export of engineered fill from the Brunswick Industrial Site to support local construction projects.

Rise is seeking approval of a new use permit and reclamation plan to build and operate the facilities for these project elements. This use permit and reclamation plan proposes to allow:

- operation of pumps and a water treatment facility to dewater the underground workings;
- construction of a water pipeline to transport treated water to an outfall located in South Fork Wolf Creek;
- construction of the necessary aboveground facilities at the Brunswick Industrial Site (e.g., headframes and hoists, surface structures, a mineral processing plant) to support underground mining and mineral processing;
- construction of a new service shaft and ventilation shaft from the underground mine to surface at the Brunswick Industrial Site;
- underground mining, including drilling, blasting, and gold mineralization removal;
- gold mineralization and rock processing at the Brunswick Industrial Site and off-site transport of gold concentrate;
- transport of engineered fill from the Brunswick Industrial Site and placement at the Centennial Industrial Site;
- transport of engineered fill from the Brunswick Industrial Site to off-site construction projects;
- placement of engineered fill at the Brunswick Industrial Site; and
- construction of a potable water pipeline to supply residences along a portion of East Bennett Road.

The majority of aboveground facilities, the access to the underground mining, the treated-water outfall structure, and a portion of the engineered fill will be located on Rise's 119-acre Brunswick Industrial Site. Engineered fill will also be placed on Rise's 56-acre Centennial Industrial Site. In addition, Rise owns approximately 2,585 acres of subsurface rights that encompass the historic Idaho-Maryland Mine workings and Idaho-Maryland Mine Project. Once the aboveground facilities are constructed, Rise will begin dewatering the mine, performing advanced exploration, and mining the underground workings.

The project is projected to include year-round underground mining with a production target of 1,000 tons per day of gold ore extraction. Approximately 500 tons per day of sand tailings and 500 tons per day of barren rock from tunneling would be used as engineered fill material. Gold concentrate will be shipped off-site for refining.

Active mining operations will result in the highest off-site traffic volume due to full employment in this phase, material and supplies delivery for both Brunswick and Centennial sites and shipping of gold concentrate to an off-site refiner.

I.2.a. *Brunswick Industrial Site*

The proposed project will reactivate the Idaho-Maryland Mine at the Brunswick Industrial Site located at 12625 Brunswick Road, along the west side of Brunswick Road and south of E. Bennett Road. This site is mainly surrounded by rural-residential properties and to a lesser degree by light industrial zoned property. The vicinity map is presented in Figure 1 and the project sites are shown in Figure 2.

Primary access to the Brunswick site will be via the existing access location approximately ½ mile south of the Brunswick Road / E. Bennett Road – Greenhorn Road intersection. This driveway will provide full access for all vehicles other than semi-trailer and dump trucks used for transporting engineered fill. The Brunswick Road driveway will provide inbound access for these vehicles while the secondary access, located at Millsite Road / E. Bennett Road intersection, will provide for right-turn only outbound truck movements from the site.

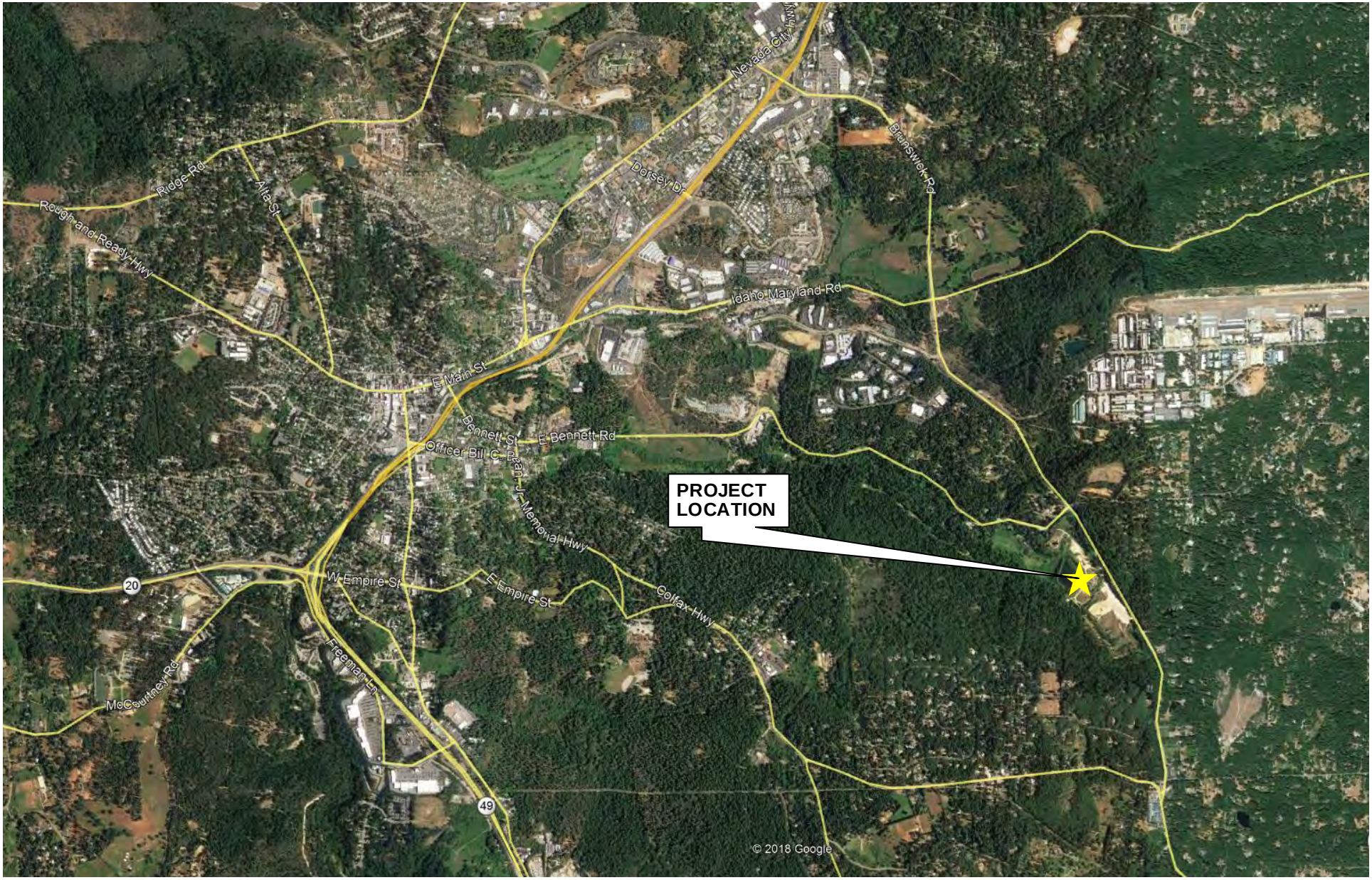
I.2.b. *Centennial Industrial Site*

Engineered fill will be transported by truck from the Brunswick Industrial Site and placed on the Centennial Industrial Site ("Centennial site"). It is projected that this will occur over a five-year time period within the 20-year analysis.

The Centennial site is located at 10350 Centennial Drive. The site is within Nevada County; however, the site will be accessed from a new driveway along Whispering Pines Lane in the City of Grass Valley. This site is surrounded by various properties consisting of a mixture of commercial / industrial and business park within the City of Grass Valley and light industrial uses within Nevada County. The vicinity map is presented in Figure 1 and the project sites are shown in Figure 2.

The engineered fill will be hauled to the Centennial Industrial site with proposed access along the west end of Whispering Pines Lane. A new driveway is proposed along Whispering Pines Lane approximately 180 feet east of the Centennial Drive intersection.

Figure 2 provides an aerial view of both Brunswick and Centennial sites relative to the surrounding area.

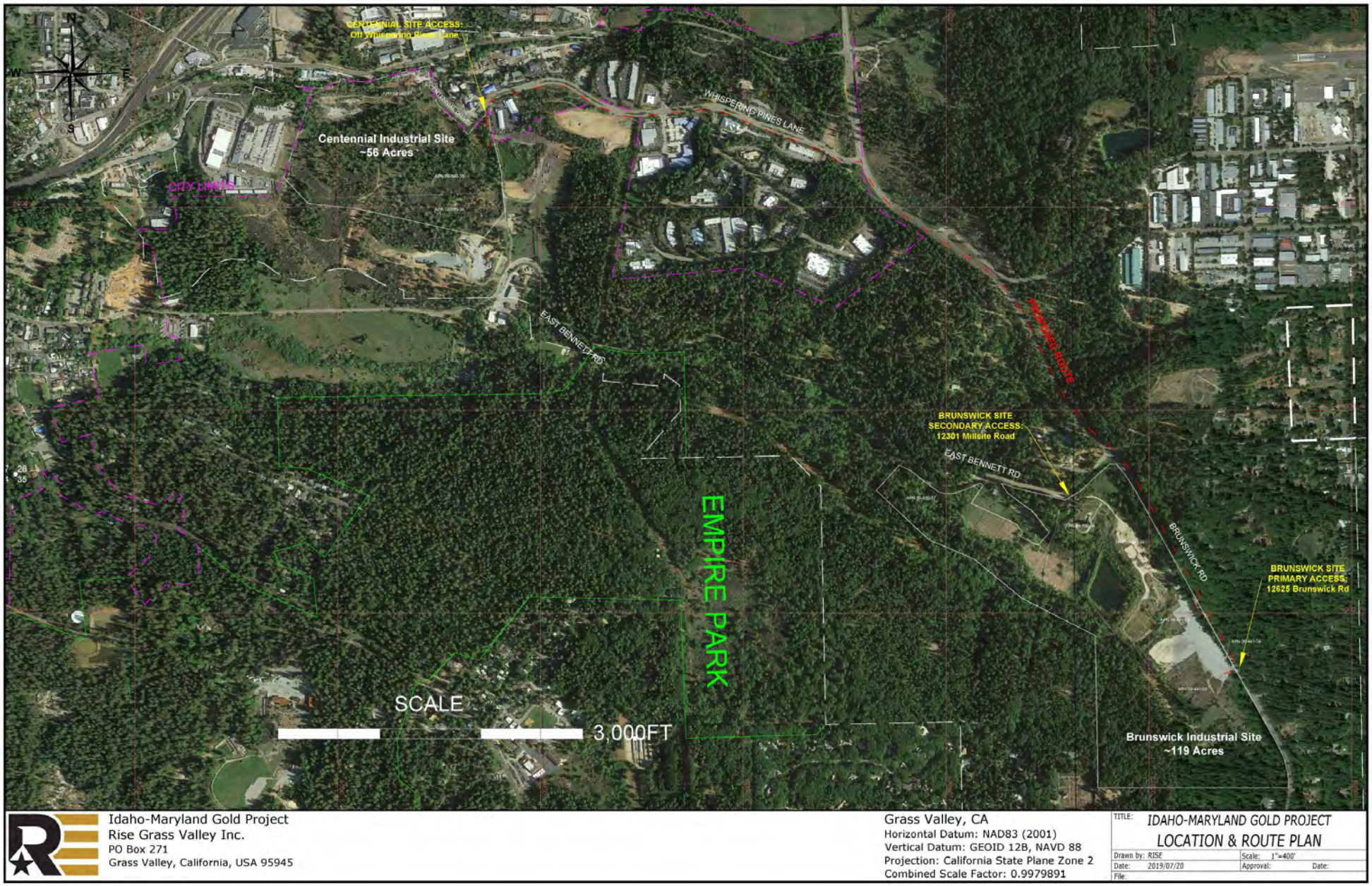


VICINITY MAP

KD Anderson & Associates, Inc.
Transportation Engineers

5875-01 RA 4/25/2022

figure 1



KD Anderson & Associates, Inc.
Transportation Engineers

5875-01 RA 4/25/2022

SITE PLAN

figure 2

II. VEHICLE MILES TRAVELED (VMT) ANALYSIS

II.1. VMT Description

As previously noted, the 2018 CEQA Guidelines Update includes new and revised provisions for analyzing the significance of transportation impacts using VMT in determining the significance of a project relative to the transportation system. The criterion considers the effect a project has on the vehicle miles traveled.

VMT is a metric that accounts for the number of vehicle trips generated and the length or distance of those trips (Fehr & Peers, 2019). The available measures of VMT for Nevada County include (Fehr & Peers, 2019):

- Total VMT – the sum of VMT for all vehicle trips and trip purposes.
- Residential VMT per capita – sum of VMT for trips originating from home, divided by the number of residents.
- VMT per worker – sum of VMT for trips from home to work, divided by the number of workers.

II.2. VMT Methodology and Analysis Criteria

Fehr & Peers prepared *Senate Bill 743, Vehicle Miles Traveled Implementation (VMTI)* for the Nevada County Transportation Commission (NCTC). NCTC, in turn distributed the document to the various agencies within the County so that each agency can develop their own significant threshold guidelines. Fehr & Peers recommends that VMT should be expressed as a generation rate and not a ratio. Since this project is an industrial land use project, it was determined that the preferred significance threshold metric was VMT per Worker (i.e., employee).

Methodologies and Threshold Recommendations were made by Fehr & Peers and are described below:

Thresholds of Significance Recommendation - A project's or plan's VMT impact may be considered less than significant if:

- The project or plan total weekday VMT per service population is less than or equal to the subarea mean under baseline conditions; and
- The project or plan is consistent with the jurisdiction's general plan and the Nevada County Regional Transportation Plan.

The subareas, based on similar travel characteristics and proximity, are recommended to be: City of Grass Valley, City of Nevada City, Town of Truckee, Alta Sierra, Lake of the Pines, Lake Wildwood and Penn Valley, the Remainder of Western Nevada County, and the Remainder of

Eastern Nevada County. The subarea threshold acknowledges the differences in VMT generation in different parts of Nevada County.

VMT Methodology for Land Use Projects and Land Use Plans

Table A-4, Total VMT per Service Population , of the Fehr & Peers report presents results of the VMT measurement analysis that considers trips from outside the model as well as within the TDM model.

The NCTC TDM data, shown in Table 1, was used to determine the significance threshold for the Idaho-Maryland Mine Project. The Grass Valley subarea was used as the basis due to the project's proximity to the City.

A project or plan's VMT is considered less than significant if:

- The project or plan total weekday VMT per service population is equal to or less than 14.3% below the subarea mean under baseline conditions, or the project reduces the total VMT per service population for the subarea; AND

- The project or plan is consistent with the General Plan and the Nevada County Regional Transportation Plan.

TABLE 1
TOTAL VMT PER SERVICE POPULATION

Location (SubArea)[1]	**Total VMT Per Service Population**
Grass Valley	28.0
Nevada City	36.2
Truckee	N/A
Alta Sierra	17.1
Lake Wildwood	22.5
Penn Valley	18.8
Lake of the Pines	16.4
Unincorporated Western Nevada County	18.1
Western Nevada County Total	22.2
Source: Fehr & Peers, 2019 (Table A-4) [1]VMTI, Page 26	

II.3. Project Vehicle Miles Traveled (VMT)

The Nevada County Transportation Commission travel demand model (TDM) for 2035 conditions was used to estimate the proposed project's daily VMT per service population for comparison to the NCTC baseline VMT per service population. Fehr & Peers was retained to conduct model runs to develop VMT projections for the Idaho-Maryland Mine Project (Fehr & Peers, 2020). Trip generation for the VMT analysis was based on the project building square footage and the trip generation rates contained in the TDM. An initial model run was performed to compare model trip generation to the project employee generation expected to occur. Fehr and Peers iteratively adjusted the input land use element of the model as it initially estimated higher volumes than the project is expected to generate. Project trips were then tracked throughout the model network using a select-zone analysis. Project VMT was calculated on each link by multiplying the link distance by the number of vehicles using a particular link. The methodology and results are described in the Fehr & Peers Memo in Appendix 1.

II.3.a. Heavy Truck Vehicle Miles Traveled

The VMT analysis did not include heavy trucks.

Rise intends to utilize heavy-trucks to transport engineered fill from the Brunswick site to offsite locations. The County is now preparing an Environmental Impact Report ("EIR") for the Project in compliance with the California Environmental Quality Act ("CEQA").

The new California Environmental Quality Act ("CEQA") requirement set forth in 14 CCR § 15064.3 to analyze traffic impacts in terms of vehicle miles traveled ("VMT") does not apply to the use of heavy trucks.

The intent of SB 743 and the associated CEQA Guidelines Section 15064.3 is to compel lead agencies to analyze VMT for passenger car and light truck trips related to land use projects. As noted by the Governor's Office of Planning and Research, the use of the term "automobiles" in the new regulation refers only to passenger cars and light trucks. Heavy trucks *can* be included in VMT analysis for convenience, but are not the subject of the new CEQA requirement. In this case, inclusion of heavy trucks would not be convenient and rather would make the EIR's traffic analysis confusing.

II.3.b. History of VMT Requirement

In 2013, the Legislature enacted Senate Bill 743 (Steinberg, 2013) ("SB 743"), which required the California Office of Planning and Research ("OPR") to establish criteria for determining the significance of transportation impacts of projects based on VMT. In 2018, the California Natural Resources Agency implemented the goals of SB 743 in issuing 14 CCR § 15064.3, which requires the use of a VMT metric to determine the significance of transportation impacts in place of the prior level of service ("LOS") metric.

The purpose of SB 743 and the associated VMT analysis requirement must be viewed in the context of the prior related climate-change statutes that led to this new traffic analysis methodology. As stated in Section 1 of SB 743, *"[w]ith the adoption of Chapter 728 of the Statutes of 2008, popularly known as the Sustainable Communities and Climate Protection Act of 2008 [known as SB 375], the Legislature signaled its commitment to encouraging land use and transportation planning decisions and investments that reduce vehicle miles traveled and contribute to the reductions in greenhouse gas emissions required in the California Global Warming Solutions Act of 2006 ...."* (Emphasis added.) As such, the text of SB 743 acknowledges that the implementation of VMT methodology stems from the goals set in SB 375, which in turn looks to AB 32 for the requirement to reduce emissions of GHG.

Section 1(b) of SB 375, enacted in 2008, states that "*[i]n 2006, the Legislature passed and the Governor signed Assembly Bill 32 (Chapter 488 of the Statutes of 2006; hereafter AB 32), which requires the State of California to reduce its greenhouse gas emissions to 1990 levels no later than 2020. According to the State Air Resources Board, in 1990 greenhouse gas emissions from automobiles and light trucks were 108 million metric tons, but by 2004 these emissions had increased to 135 million metric tons."*

Likewise, Section 1(c) of SB 375 states that *"[g]reenhouse gas emissions from automobiles and light trucks can be substantially reduced by new vehicle technology and by the increased use of low carbon fuel. However, even taking these measures into account, it will be necessary to achieve significant additional greenhouse gas reductions from changed land use patterns and improved transportation. Without improved land use and transportation policy, California will not be able to achieve the goals of AB 32.*" As such, SB 375 was focused on reducing GHG emissions through changing land use patterns in a way that reduces automobile and light truck use, rather than by reducing use of heavy trucks for movement of goods. Nowhere in either SB 375 or SB 743 are heavy trucks mentioned because passenger cars/light trucks and land use patterns were the focus of these policies.

In December 2018, the Governor's Office of Planning and Research issued guidance ("OPR Guidance") on implementation of SB 743 and the related CEQA Guideline Section 14 CCR § 15064.3. The OPR Guidance clearly acknowledges the purpose of the VMT methodology is to reduce emission of GHG per the strategies set forth in SB 375: "*employing VMT as the metric of transportation impact statewide will help to ensure GHG reductions planned under SB 375 will be achieved through on-the-ground development, and will also play an important role in creating the additional GHG reductions needed beyond SB 375 across the State. Implementation of this change will rely, in part, on local land use decisions to reduce GHG emissions associated with the transportation sector, both at the project level, and in long-term plans (including general plans, climate action plans, specific plans, and transportation plans) and supporting sustainable community strategies developed under SB 375."* (OPR Guidance, p. 3.)

The new CEQA Guidelines Section 15064.3 does not specifically state what type of vehicles are to be include or excluded from the VMT analysis, and merely states "*[f]or the purposes of this section, 'vehicle miles traveled' refers to the amount and distance of automobile travel attributable to a project."* (14 CCR § 15064.3(a).) This requirement went into effect on July 1, 2020 and is therefore applicable to the Project. While the regulation itself is not crystal clear as to scope of the vehicles that should be included in a VMT analysis, the history of SB 375 and SB743 from which the regulation comes, dictate that the intent was to reduce passenger car and light truck trips through use of VMT traffic methodology and related mitigation requirements.

On the question of what types of vehicles are to be included in the VMT analysis, OPR stated in its 2018 Guidance that *"[p]roposed Section 15064.3, subdivision (a), states, "For the purposes of this section, 'vehicle miles traveled' refers to the amount and distance of automobile travel attributable to a project.' **Here, the term 'automobile' refers to on-road passenger vehicles, specifically cars and light trucks.** Heavy-duty truck VMT **could** be included for modeling convenience and ease of calculation (for example, where models or data provide combined auto and heavy truck VMT).*" (OPR Guidance, p. 4; Emphasis added.) Accordingly, OPR advises that the term "automobile" was not meant to include heavy trucks, but lead agencies **could** include heavy trucks where doing so was convenient under the applicable traffic model.

Additionally, the OPR Guidance addresses numerical transportation impact thresholds for a "land use project," but then only specifically describes residential, office, and retail projects, providing further evidence that movement of goods/materials in heavy trucks was meant to be excluded from the VMT requirement. (OPR Guidance, pp. 11-16.)

Based on the history of the VMT requirement traced through the text and intent of SB 375 and SB 743, and the State's guidance on implementation of this new requirement, it is clear that heavy truck trips are not required to be included in the VMT analysis, but **may** be included if convenient for modelling purposes.

II.3.c. *Examples of VMT Requirement Implementation in Other California Jurisdictions*

As examples of how other land use jurisdictions are approaching what vehicles to include in the new VMT traffic analysis, below are excerpts from new traffic impact analysis guidelines from the Cities of San Marcos, Clovis, San Diego, San Mateo, Irvine and Long Beach (collectively, the "Cities"):

San Marcos TIA Guidelines – 7.1.2020

2.1.3.3. Exclusion of Heavy Vehicle and Truck VMT

It shall be noted that SB 743 does not apply to goods movement (i.e. trucks). Section 15064.3 of the CEQA Guidelines states that VMT for transportation impacts refers to "... the amount and distance of automobile travel...". Therefore, the VMT associated with trucks and the movement of goods is not required to be analyzed and mitigated for the evaluation of transportation impacts under CEQA. VMT analysis and mitigation is limited to passenger vehicle and light truck trips. The VMT for all vehicles including heavy trucks related to a project will still be calculated as input for air quality, GHG, noise and energy impact analyses to be evaluated in non-transportation parts of the environmental analysis. In addition, heavy vehicle trips would still be assessed as part of the Local Transportation Analysis.

City of Long Beach – TIA Guidelines June, 2020

2.3 Project VMT Analysis

All land development projects that are not presumed to have a less than significant transportation impact related to CEQA Guidelines Section 15064.3, subdivision (b), according to the screening criteria provided above must conduct an analysis of the project's VMT. The VMT analysis will determine the appropriate VMT metric, identify the appropriate threshold of significance, calculate project VMT, identify the impact significance, and recommend appropriate mitigation. For the purposes of SB 743 and these guidelines, VMT to be analyzed is generated by on-road passenger vehicles, specifically cars and light-duty trucks. Heavy-duty trucks can be addressed in other CEQA sections (e.g., air quality, noise, GHG) and are subject to regulation in a separate collection of rules under CARB jurisdiction. While heavy-duty truck trips generated by Port or industrial activity are outside SB 743 regulation, all passenger vehicle trips generated by employees, including employees of the Port or industrial activities, are subject to VMT standards.

City of Clovis TIA Guidelines – 7.1.2020

12 2.1.3.3. Exclusion of Truck VMT

It shall be noted that SB 743 does not apply to goods movement (i.e. trucks). Section 15064.3 of the CEQA Guidelines states that VMT for transportation impacts refers to. "... the amount and distance of automobile travel...". Therefore the VMT associated with trucks and the movement of goods is not required to be analyzed and mitigated for the evaluation of transportation impacts under CEQA. Projects that generate a substantial amount of truck traffic also generate automobile trips, project-related automobile trips would be subject to VMT analysis and mitigation. The VMT for all vehicles including heavy trucks related to a project will still be calculated as input for air quality, GHG, noise and energy impact analyses to be evaluated in non-

transportation parts of the environmental analysis. The local transportation analysis requires an evaluation of truck traffic in terms of roadway and intersection operations, as discussed in Section 3.

City of San Diego TIA Guidelines – 3.20.2020

4.4.1 Recommendations Regarding Methodology

Vehicle Types

Vehicle Miles Traveled refers to on-road passenger vehicles, specifically cars and light trucks. Heavy-duty truck VMT could be included for modeling convenience and ease of calculation.

City of San Mateo TIA Guidelines – 7.16.2020

2.1.3.4. Exclusion of Truck VMT

It shall be noted that SB 743 does not apply to goods movement (i.e. trucks). Section 15064.3 of the CEQA Guidelines states that VMT for transportation impacts refers to. "… the amount and distance of automobile travel…". Therefore, the VMT associated with trucks and the movement of goods is not required to be analyzed and mitigated for the evaluation of transportation impacts under CEQA. Projects that generate a substantial amount of truck traffic also generate automobile trips, therefore project- related automobile trips would be subject to VMT analysis and mitigation. The VMT for all vehicles including heavy trucks related to a project will still be calculated as input for air quality, GHG, noise and energy impact analyses to be evaluated in non- transportation parts of the environmental analysis.

City of Irvine TIA Guidelines, SB743 Implementation VMT Technical Appendix – 5.12.2020

3.1 Screening Criteria

OPR Guidance Regarding Goods Movement: Section 3 of the Guidelines for Implementation of the California Environmental Quality Act specifies that VMT to be analyzed is defined as the amount and distance of automobile travel attributable to a project. SB 743 therefore does not require the inclusion of heavy-duty truck trips, utility vehicles or other types of vehicles in the VMT analysis. In the case of trucks, the State's strategy for the goods movement sector is not in VMT reduction, but in advances in technology (zero and near-zero emission control strategies).

City of Irvine Recommendation: VMT analysis will be performed for automobile trips only, which is consistent with State policy.

As demonstrated above, the approach taken by the Cities is consistent with the history of SB 375, SB 743 and the OPR Guidance on implementation of 14 CCR § 15064.3.

11.3.d. Analysis

As discussed above, the history of the VMT requirement can be traced back to SB 375 and ultimately back to AB 32 (the Global Warming Solutions Act of 2006) which aimed to fight global warming by establishing a program to reduce greenhouse gas emissions. In the subsequent sequence of California statues enacted to combat global warming/climate change, the VMT approach first appeared in SB 375, in 2008, as a means of reducing GHG emissions by encouraging developers to build homes closer to transportation hubs thereby reducing VMT for passenger cars and light trucks. SB 375 did not provide a strategy to reduce VMT for heavy trucks moving goods and materials, as heavy trucks were not the focus of that law. Likewise, SB 743, which seeks to implement many of the goals set forth in SB 375 did not include polices designed to reduce VMT for heavy trucks, and rather, was focused on passenger cars and light trucks.

While the regulation adopted to implement the VMT traffic analysis requirement could have been clearer as to the exclusion of heavy trucks from the required VMT analysis, OPR has provided clear guidance that heavy trucks were not intended to be considered "automobiles" for the purpose of CEQA VMT analysis. OPR advised that heavy trucks "could" be included for convenience in the context of traffic modelling or calculations, but the guidance is clear that this was not the intent of the regulation.

The inclusion of heavy trucks in the VMT analysis for the Project's EIR would be difficult, result in a confusing EIR, would deviate from the standard approach we observe trending among land use jurisdictions, and is plainly incorrect based on the history and intent of the VMT requirement.

II.4. Findings / Results

On a per service population basis, which is the County's recommended threshold of significance (Nevada County Traffic Impact Guidelines, June 2020), the Idaho-Maryland Mine Project is modelled to generate a daily rate per employee of 14.7 VMT in 2012 Base Year conditions and 13.9 VMT under 2035 plus Project conditions. Since the TAZ is within an industrial land use zone the calculated VMT per employee is also the service population of the TAZ. Interpolating between the two periods yields a 2020 baseline condition VMT of 14.4.

Half of the project is located in the Grass Valley Subarea while half is located in unincorporated Western Nevada County. The subarea mean VMT per service population rates are 28.0 for Grass

Valley and 18.1 for unincorporated Western Nevada County. A project is considered less than significant if the VMT per service population is equal to or less than 14.3% below the subarea mean, or the project reduces the total VMT per service population in the subarea. Using the more conservative 18.1 VMT rate for unincorporated Western Nevada County the project has to have a VMT of 15.5 (18.1 – (18.1 x 0.143) or lower to be considered less than significant. The projected 14.4 VMT per service population meets this criterion; therefore, the project's impact on VMT is considered less than significant.

II.5. Transportation Demand Management (TDM) Strategies

The Nevada County Land Use and Development Code, Section L-II 4.1.9, *Transportation Alternatives*, identifies that methods should be undertaken to reduce automobile dependence travel throughout the County. Land use applications requiring a development permit or a use permit shall address alternative transportation opportunities for employees, residents and/or customers served by the project. For projects that employ 50 or more persons, the applicant shall submit a detailed analysis of transportation alternatives, documenting feasible measures for reducing auto dependence.

The project is anticipated to employ approximately 312 direct employees during full operations. Project trip generation is described in Section V.1. of this report.

The project is not currently served by transit and the Nevada County Transit Services Division has no plans to bring service to this area. Currently, the nearest bus route to the Brunswick site is Route #3, the Grass Valley Loma Rica Loop route which operates between the Tinloy Street / Bank Street Transit Center and the Nevada County Airport.

An area for bicycle racks is incorporated into the site design at the Brunswick Industrial Site and will have a minimum of 11 racks (44 bicycle spaces).

As noted in the Findings section the project's impact on VMT is less than significant; however, the County also recognizes that projects requiring a development permit or use permit address alternative transportation opportunities for those served by the project. Below are transportation reduction alternatives based on the TDM strategies categorized in Appendix D, TDM Strategy Evaluation, of the *SB 743 Vehicle Miles Traveled Implementation [Draft]* report (Fehr & Peers, 2019).

Commute Trip Reduction, #3.4.11, TRT-11: Provide Employer-Sponsored Vanpool / Shuttle

This strategy would make available a company sponsored vanpool / shuttle to allow employees to commute in a single vehicle. Since employees are likely to be coming from throughout the area the use of specific locations for pick up, such as existing 'Park and Ride' lots in the County, would facilitate the reduction of commute vehicles. CAPCOA projects a 0.3% - 13.4% VMT commute reduction with this strategy.

The project could also institute a shuttle service between the project site(s) and the Tinloy Street / Bank Street Transit Center to provide a convenient location for employees to transfer from public transit or to be dropped off (i.e. kiss and ride). A shuttle could operate several times each day, during the 7:00 a.m. and 7:00 p.m. shift changes and at the end of the administrative workday, after 3:30 p.m.

Commute Trip Reduction, #3.4.3, TRT-3: Provide Ride-Sharing Programs

This strategy involves the employer providing ride share coordination and parking facilities to provide information for employees to ride share to and from work. The strategy is intended to match employees by location resulting in a reduction of commute vehicles. CAPCOA projects a 1% - 15% VMT commute reduction with this strategy.

Rideshare activities would provide incentives for employees commuting to and from the site. Ridesharing could be coordinated between employees along a similar route from their residence to the work site. The use of existing Park and Ride lots may provide a location for employees to meet and commute together, reducing the number of vehicles in the roadway network. There are three Caltrans Park and Ride locations in Nevada County, two in Penn Valley and one in Grass Valley; all are located along SR 20. There is also a Park and Ride location in Auburn for employees commuting along SR 49 from Placer County. Incentives may include the use of high occupancy vehicle (HOV) lanes, less maintenance on a single vehicle due to reduced use, and cost sharing between employees / employer.

III. VEHICLE LEVEL OF SERVICE (LOS) STUDY

III.1. Study Area

This study also addresses traffic conditions at 24 existing intersections and 11 roadway segments shown in Figure 3. The limits of the study area were reviewed and approved by Nevada County and City of Grass Valley staff. In addition to level of service analyses, a traffic index assessment was completed considering the haul routes of engineered fill along County and City roads and an AutoTURN assessment was completed considering the turning movements of haul trucks along the proposed routes. Specifically, truck movements were evaluated at the Brunswick and Centennial access locations, East Bennett Road at Brunswick Road and Brunswick Road at Whispering Pines Lane.

The text that follows describes the roadway facilities included in this analysis; intersections associated with SR 49 / SR 20 are referred to throughout this analysis as SR 49. The entirety of SR 49 proceeds in a northbound / southbound direction and is identified as such.

The quality of traffic flow is typically governed by the operation of major intersections and the daily volume of traffic along the roadways. The physical characteristics of the study intersections and roadways are described in the text which follows.

III.2. Study Area Intersections

1. The **Tinloy Street / Neal Street** intersection is a signal-controlled intersection providing access to downtown Grass Valley and SR 49. Southwest-bound Tinloy Street is a two-lane one-way street with left-through and through-right lanes. Neal Street is a two-way street with one eastbound and westbound lane along Neal Street. Crosswalks are present across both legs of Tinloy Street. Bike lanes are not present in the intersection.
2. The **Tinloy Street / S. Auburn Street** intersection is a signal-controlled intersection providing access to downtown Grass Valley and SR 49. Southwest-bound Tinloy Street is a two-lane one-way street with left-through and through-right lanes. S. Auburn Street is a two-way street with one southbound lane and two northbound lanes, one left-through and one through lane. Crosswalks are present across both legs of S. Auburn Street. Bike lanes are not present in the intersection.
3. The **Tinloy Street / E. Bennett Road – Southbound SR 49 off-ramp** intersection is a four-way stop-controlled intersection. The southbound SR 49 ramp is stop controlled and includes through-left and through-right lanes. Southbound E. Bennett Road includes a single uncontrolled lane while northbound E. Bennett Road includes a left lane and a through lane which are stop controlled. Crosswalks are present across the SR 49 ramp and E. Bennett Road approaches. Bike lanes are not present along any of these roads.

4. The **Hansen Way / E. Bennett Road** intersection is a four-way all-way stop controlled intersection. Hansen Way is a one-way northbound roadway consisting of through-left and through-right lanes on the approach leg. The eastbound E. Bennett Road approach includes a left turn lane and a through lane while westbound E. Bennett Road includes a through-right lane. Crosswalks are present along across both sides of Hansen Way while bike lanes are not present along any of the roadways.

5. The **E. Main Street / Idaho Maryland Road / SB SR 49 ramps** intersection is a modified one-lane roundabout. The E. Main Street approaches are along the southbound and eastbound approaches. The westbound Idaho Maryland Road approach includes two entry lanes, one for u- and left turning vehicles and one for through and right turning vehicles. The southbound E. Main approach includes a free right turn movement onto westbound E. Main Street and a single lane for through, left and u-turns. The eastbound E. Main Street and southbound SR 49 ramps approaches include a single lane for right, through, left and u-turns. Crosswalks are present along all the north, east and west approaches. Bike lanes are not present along any of the approaches.

6. The **Idaho Maryland Road / NB SR 49/20 ramps** intersection is an all-way stop tee intersection. The center of the intersection is about 175' west of the center of the Idaho Maryland / Railroad Avenue intersection, also all-way stop controlled. The eastbound Idaho Maryland Road approach includes a single through-right lane while the westbound approach includes a through-left lane and a through lane. The NB SR 49/20 off-ramp includes left and right lane turn lanes. Crosswalks are present across the west and south legs.

7. The **Idaho Maryland Road / Railroad Avenue** intersection is an all-way stop tee intersection just east of the NB SR 49/20 ramps as described above. The eastbound Idaho Maryland Road approach includes a through lane and a through-right lane while the westbound approach includes a through-left lane and a through lane. NB Railroad Avenue includes a single approach lane. A crosswalk is present across the Railroad Avenue leg.

8. The **E. Main Street / Brunswick Road** intersection is a split phase signal-controlled four leg intersection. The northbound E. Main Street approach includes left, through and right lanes while the southbound approach includes dual left turn lanes and a through-right lane. The westbound approach includes a left turn lane, a through-left lane and a right turn lane. The westbound right turn includes an overlap with the southbound left turn phase. The eastbound approach, Olympia Drive, is a single lane approach. Crosswalks are present across the southbound and westbound approaches. Bicycle lanes or marked sharrows, shared lanes for automobiles and bicycles, are present along the E. Main Street and Brunswick Road approaches.

9. The **Brunswick Road / Maltman Drive – SB SR 49 Off-ramp** intersection is a signal-controlled four leg intersection. The intersection is split phased along the Maltman Drive and SB SR 49 off-ramp approaches. The eastbound Brunswick Road approach includes a through lane and a through-right lane while the westbound Brunswick Road approach includes a left turn lane and two through lanes. The SB SR 49 off-ramp includes dual left turn lanes, a through

lane and a right turn lane while Maltman Drive includes a left turn lane and a right turn lane; the right turn lane is overlapped with the westbound left turn movement. A crosswalk is present across the Maltman Drive approach and bike lanes or sharrows are present along Brunswick Road.

10. The **Brunswick Road / NB SR 49 ramp** intersection is a signal-controlled intersection. Both approaches along Brunswick Road include a free right turn onto NB SR 49 and two through lanes. The off-ramp approach includes left and right turn lanes. A crosswalk exists across the ramp approach and marked bike lanes are present along the west side of the intersection.

11. The **Brunswick Road / Sutton Way** intersection is a four-way signal-controlled intersection. The eastbound Brunswick Road approach includes dual left turn lanes, two through lanes and a right turn lane. The westbound approach includes a left turn lane, a through lane and a through-right lane. Northbound Sutton Way includes dual left turn lanes and a through-right lane while the southbound approach includes a left turn lane, a through lane and a right turn lane. The southbound right turn lane has separate signal control than the rest of this approach and provides right green arrows with southbound Sutton Way, when eastbound through or left turn Brunswick Road movements are green and when northbound Sutton Way is green. Crosswalks exist across the north, south and east approaches while marked bike lanes are present along Brunswick Road east of the intersection. A bike lane is also present along the departure leg on the south side of Sutton Way while a northbound bike terminates prior to the Brunswick Road intersection.

12. The **Brunswick Road / Idaho Maryland Road** intersection is stop controlled along the Idaho Maryland Road approaches of the intersection. Northbound Brunswick Road includes a left lane and a through-right turn lane while the southbound approach includes left, through and right turn lanes. The eastbound Idaho Maryland Road approach includes a right turn only lane while the westbound approach includes a left lane and a right lane. Vehicles were observed along the Idaho Maryland Road approaches making illegal left and through movements. Those volumes were moved into legal movements for this analysis. Crosswalks and bike facilities are not present at this intersection.

13. The **Brunswick Road / Whispering Pines Lane** intersection is a tee intersection with stop control along Whispering Pines Lane. The northbound approach along Brunswick Road includes a left turn lane and a through lane while the southbound approach includes a through lane and a through-right lane; the outside lane merges into the through lane about 350 feet south of the intersection. The eastbound Whispering Pines Lane approach includes right and left turn lanes. Crosswalks and bike facilities are not present in the intersection.

14. The **Brunswick Road / E. Bennett Road – Greenhorn Road** intersection is an all-way stop controlled intersection. The Brunswick Road approaches include left turn lanes and through-right lanes while the E. Bennett Road and Greenhorn Road approaches include a single lane for all movements. Crosswalks and bike facilities are not present at this intersection.

15. The **Brunswick Road / SR 174** intersection is a tee intersection with stop control for Brunswick Road. The northbound SR 174 approach includes a single through-right lane with a slip ramp leading to northbound Brunswick Road. The southbound SR 174 approach includes a left turn lane and a through lane. The Brunswick Road approach is stop controlled and includes left and right turn lanes. Crosswalks and bike facilities are not present at this intersection.

16. The **Brunswick Road / Project Access** intersection is an existing tee intersection with stop control at the project driveway. Brunswick Road includes single lanes in each direction with a two-way left turn lane at the driveway. Bike facilities are not present.

17. The **E. Bennett Road / Millsite Road** intersection is an existing tee intersection providing a secondary access to the Brunswick site. The existing roadway along Millsite Road is unimproved. This driveway will provide right turn only access to Brunswick Road for larger haul trucks. E. Bennett Road includes single lanes in each direction. Bike facilities are not present.

18. The **Whispering Pines Lane / Centennial Industrial site** intersection is a future driveway that will provide access to the Centennial site. The driveway will be located about 180 feet east of Centennial Drive and will be used for employee and haul route truck traffic. Whispering Pines Lane is a two-lane divided roadway from Brunswick Road to just east of the proposed project driveway where the median ends. Although not marked as a bike lane the roadway includes a shoulder stripe to allow a bike lane.

19. The **Idaho Maryland Road / Centennial Road** intersection is a tee intersection with stop control at Centennial Road. Idaho Maryland Road includes a through lane and right turn lane along the eastbound approach and a left turn lane and through lane along the westbound approach. Centennial Drive is a single lane approach. Crosswalks and bike facilities are not present at this intersection.

20. The **Idaho Maryland Road / Sutton Way** intersection is an all-way stop controlled tee intersection. Idaho Maryland Road includes single lanes in each direction while Sutton Way includes right and left turn lanes. Crosswalks and bike facilities are not present at this intersection.

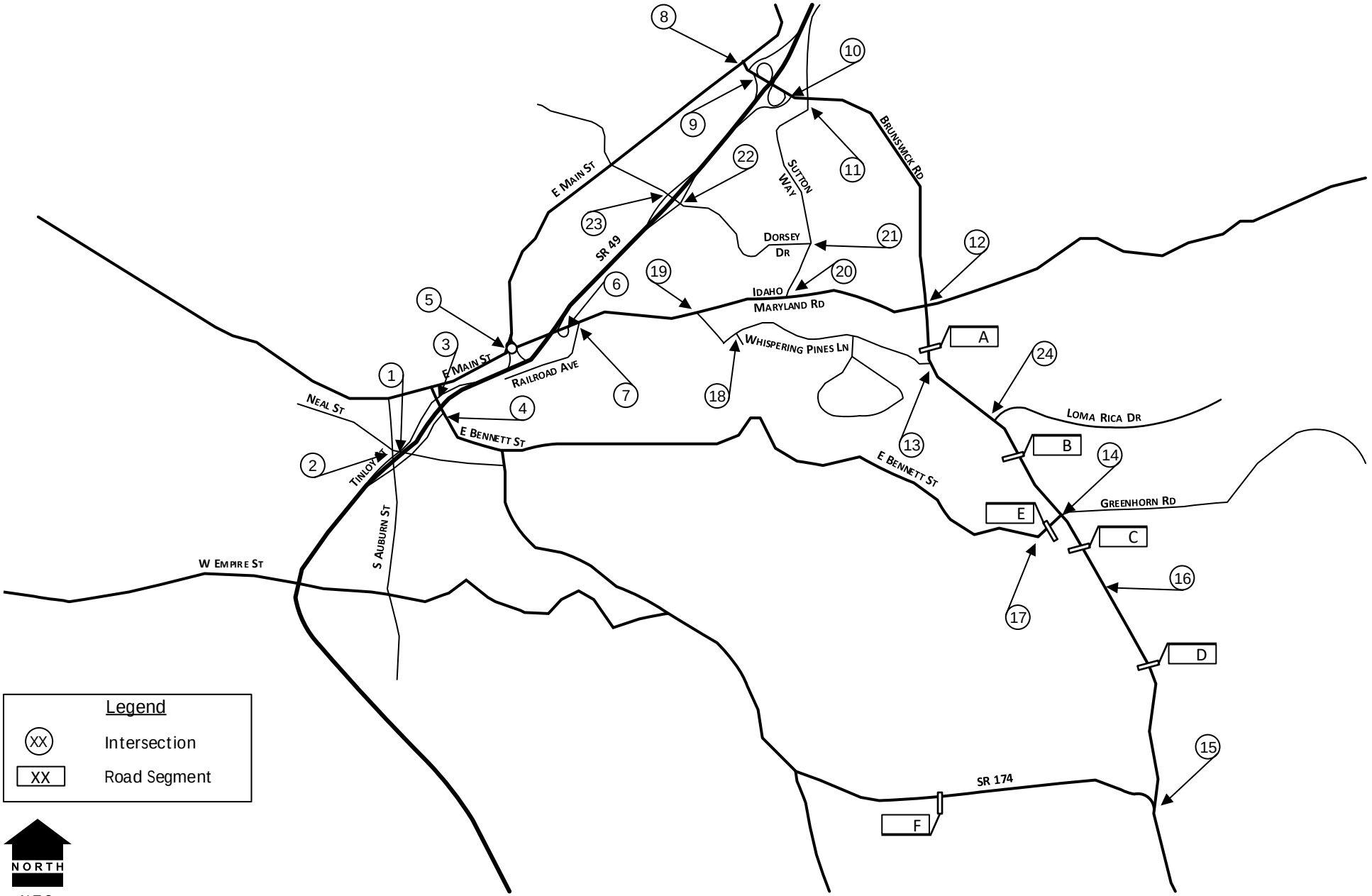
21. The **Sutton Way / Dorsey Drive** intersection is an all-way stop controlled tee intersection. Northbound Sutton Way includes a single lane for left and through movements while the southbound approach includes a through lane and right turn lane. The eastbound Dorsey Drive approach is a single lane; however, is wide enough to allow right turns past left turning vehicles. A crosswalk is present across the Dorsey Drive approach while bike facilities are not present.

22. The **SR 49 NB Ramps / Dorsey Drive** intersection is one-half of a diamond interchange. The intersection is signal-controlled. The eastbound Dorsey Drive approach includes a left turn lane and a through lane while the westbound approach includes two through lanes and a through-right lane; the inside through lane is a trap left turn lane for access onto southbound

SR 49. The northbound SR 49 off-ramp includes a left turn lane, a through-left lane and a right turn lane. Crosswalks are present along the northbound SR 49 ramps and the westbound Dorsey Drive approach. Bike lanes are present along Dorsey Drive.

23. The **SR 49 SB Ramps / Dorsey Drive** intersection is one-half of a diamond interchange. The intersection is signal controlled. The eastbound Dorsey Drive approach includes two through lanes and a right turn lane; the inside through lane is a trap left turn lane for access onto northbound SR 49. The westbound approach includes a left turn lane and two through lanes. Crosswalks are present along the southbound SR 49 ramps and the eastbound Dorsey Drive approach. Bike lanes are present along Dorsey Drive.

24. The **Brunswick Road / Loma Rica Drive** intersection is a three-way signal-controlled intersection. The signal operates with a westbound to northbound overlap with the southbound left turn phase. The southbound Brunswick Road approach includes a left turn lane and one through lane. The northbound approach includes a through lane and a right turn lane while westbound Loma Rica Drive includes left turn and right turn lanes. Crosswalks and bike lanes are not present at this intersection.



STUDY INTERSECTIONS AND ROADWAY SEGMENTS

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figure 3

III.3. Study Area Roadway Segments

1. **Brunswick Road – SR 49 to Whispering Pines Lane.** This segment is an approximately 1¼ mile segment. The segment varies from a four-lane section with turn lanes between SR 49 and west of Old Tunnel Road to a two-lane road plus center turn lane between Old Tunnel Road and Bubbling Wells Road; this makes up about ½-mile of the segment. Between Bubbling Wells Road and Idaho-Maryland Road, about ⅗-mile, the road is two lanes. From Idaho-Maryland Road to Whispering Pines Lane, Brunswick Road has one northbound lane with a turn lane and two southbound lanes; this portion is about ⅕-mile. Each lane is about 12' wide. North of Bubbling Wells Road curb, gutter and sidewalk is present as the roadway displays more urbanized standards while to the south the roadway has more rural characteristics with varying width paved and unpaved shoulders. The roadway is classified as a Class I Highway with rolling terrain. The roadway is posted as a 40-mph road north of Bubbling Wells Road and 50 mph south of Bubbling Wells Road. Midweek traffic volumes are about 12,300 bi-directionally.

2. **Brunswick Road – Whispering Pines Lane to E. Bennett Road.** This ¾-mile segment is generally a two-lane roadway with turn lanes over rolling terrain. The roadway is two lanes between E. Bennett Road and Loma Rica Drive, where it widens to provide turn lanes at the intersection. Between Loma Rica Drive and Whispering Pines Lane the northbound direction includes a single lane while the southbound direction consists of a two-lane section departing the Whispering Pines Lane intersection for about 300 feet at which point a lane drop occurs approaching Loma Rica Drive. Lanes are generally 12-feet wide with varying width paved and unpaved shoulders. The roadway is classified as a Class I Highway and is posted at 50 mph. Midweek traffic volumes are about 15,360 bi-directionally.

3. **Brunswick Road – E. Bennett Road to Project Driveway.** This ½-mile segment is generally a two-lane roadway. Lanes are generally 12-feet wide with varying width paved and unpaved shoulders. The roadway is classified as a Class I Highway with about a 5% downhill grade from E. Bennett Road and is posted at 50 mph. Midweek traffic volumes are about 9,440 bi-directionally.

4. **Brunswick Road – Project Driveway to SR 174.** This ⅔-mile segment is a two-lane roadway over rolling terrain. Lanes are generally 12-feet wide with varying width paved and unpaved shoulders. The roadway is classified as a Class I Highway and is posted at 50 mph. Midweek traffic volumes are about 9,420 bi-directionally.

5. **E. Bennett Road – Project Driveway to Brunswick Road.** This 600-foot is a two-lane roadway over rolling terrain and part of a larger segment to Union Jack Street. Lanes are generally 12-feet wide with varying width paved and unpaved shoulders. The roadway is classified as a Class III Highway with rolling terrain and is posted at 35 mph. Midweek traffic volumes are about 1,490 bi-directionally.

6. **SR 174 – Brunswick Road to Empire Street.** This approximately 2-mile segment is generally a two-lane roadway with left turn lanes at various intersections over rolling terrain. Lanes are generally 12-feet wide with varying width paved and unpaved shoulders. The roadway is classified as a Class I Highway and is posted at 50 mph. Midweek traffic volumes are about 8,300 bi-directionally.

III.4. Analysis Criteria

Intersection Level of Service Methodology. *Level of Service Analysis* has been employed to provide a basis for describing existing traffic conditions and for evaluating the significance of project traffic impacts. Level of Service measures the *quality* of traffic flow and is represented by letter designations from "A" to "F", with a grade of "A" referring to the best conditions, and "F" representing the worst conditions.

The analysis techniques presented in the *Highway Capacity Manual 6th Edition* were used to provide a basis for describing existing traffic conditions and evaluating the significance of project traffic impacts.

Various software programs have been developed to assist in calculating intersection Level of Service, and the level of sophistication of each program responds to factors that affect the overall flow of traffic. Three programs, (1) Synchro, (2) Synchro/Simtraffic, a simulation program, and (3) SIDRA, a roundabout intersection analysis program, were utilized for the analysis depending on the intersection characteristics. The Synchro and Synchro/Simtraffic programs account for passenger car equivalents (PCE) through the use of truck percentages.

Synchro software was used at the following intersections:

4. Hansen Way / E. Bennett Road
6. Idaho Maryland Road / NB SR 49/20 Ramps
7. Idaho Maryland Road / Railroad Avenue
12. Brunswick Road / Idaho Maryland Road
13. Brunswick Road / Whispering Pines Lane
14. Brunswick Road / E. Bennett Road – Greenhorn Road
15. Brunswick Road / SR 174
16. Brunswick Road / Project Access
17. E. Bennett Road / Millsite Road
18. Whispering Pines Lane / Centennial Industrial site driveway
19. Idaho Maryland Road / Centennial Road
20. Idaho Maryland Road / Sutton Way
21. Sutton Way / Dorsey Drive

The City of Grass Valley has previously identified the Brunswick Road / SR 49/20 interchange to be analyzed using Synchro/Simtraffic simulation software. Additional intersections were also simulated based on non-standard traffic control conditions that Synchro cannot analyze. The following intersections utilized Synchro/Simtraffic simulation software:

1. Tinloy Street / Neal Street
2. Tinloy Street / S. Auburn Street
3. Tinloy Street / E. Bennett Road – SB SR 49 Off-Ramp
8. E. Main Street / Brunswick Road
9. Brunswick Road / Maltman Drive – SB SR 49 Off-Ramp
10. Brunswick Road / NB SR 49 Ramps
11. Brunswick Road / Sutton Way
22. NB SR 49 Ramps / Dorsey Drive
23. SB SR 49 Ramps /Dorsey Drive

SIDRA software was used at the following intersection:

5. E. Main Street / Idaho Maryland Road / SB SR 49 Ramps

Each of the intersections analyzed by Synchro/Simtraffic software is within the City of Grass Valley. As noted above, the City requires simulation of the Brunswick Road corridor. The remaining intersections were also simulated based on non-standard traffic control. The Synchro/Simtraffic software is a stochastic model, i.e. randomness is present when running the simulations. The results will vary within each scenario and between scenarios. This may result in some intersections having lower delays in the 'Plus Project' scenarios than in the 'No Project' scenarios. This is a normal occurrence for stochastic models, and it is not unexpected that delays or queues could improve at one intersection while increasing at other intersections. The changes typically should be reasonable; a substantial reduction in delay should not be anticipated. The simulation results contained herein reflect the average of the mean 10 one-hour simulation runs selected from a 20-run sample.

Roundabout analyses were conducted using *SIDRA* Version 8 software.

Applicable Level of Service thresholds based on average delay are shown in Table 2.

TABLE 2
LEVEL OF SERVICE DEFINITIONS

Level of Service	Signalized Intersection	Unsignalized Intersection	Roadway (Daily)
"A"	Uncongested operations, all queues clear in a single-signal cycle. Delay ≤ 10.0 sec	Little or no delay. Delay ≤ 10 sec/veh	Completely free flow.
"B"	Uncongested operations, all queues clear in a single cycle. Delay > 10.0 sec and ≤ 20.0 sec	Short traffic delays. Delay > 10 sec/veh and ≤ 15 sec/veh	Free flow, presence of other vehicles noticeable.
"C"	Light congestion, occasional backups on critical approaches. Delay > 20.0 sec and ≤ 35.0 sec	Average traffic delays. Delay > 15 sec/veh and ≤ 25 sec/veh	Ability to maneuver and select operating speed affected.
"D"	Significant congestion of critical approaches but intersection functional. Cars required to wait through more than one cycle during short peaks. No long queues formed. Delay > 35.0 sec and ≤ 55.0 sec	Long traffic delays. Delay > 25 sec/veh and ≤ 35 sec/veh	Unstable flow, speeds and ability to maneuver restricted.
"E"	Severe congestion with some long standing queues on critical approaches. Blockage of intersection may occur if traffic signal does not provide for protected turning movements. Traffic queue may block nearby intersection(s) upstream of critical approach(es). Delay > 55.0 sec and ≤ 80.0 sec	Very long traffic delays, failure, extreme congestion. Delay > 35 sec/veh and ≤ 50 sec/veh	At or near capacity, flow quite unstable.
"F"	Total breakdown, stop-and-go operation. Delay > 80.0 sec	Intersection blocked by external causes. Delay > 50 sec/veh	Forced flow, breakdown.

Sources: Highway Capacity Manual, 6th Edition Transportation Research Board, 2016.

Sec/veh – seconds per vehicle

III.5. Roadway Segment Level of Service Methodology

Two-Lane Highway Roadway Segments. Roadway segments were analyzed using methods presented in the *Highway Capacity Manual 2010 (HCM);* the methods used in 2010 and HCM 6th Edition are similar. A two-lane highway is an undivided roadway with one lane in each direction. Passing a slower vehicle requires use of the opposing lane as sight distance and gaps in the opposing traffic stream permit. As volumes and geometric restrictions increase, the ability to pass decreases and platoons form. Motorists in platoons are subject to delay because they are unable to pass. The HCM divides these roadways into three types: Class I, Class II and Class III. They are defined as follows:

- *Class I two-lane highways* are highways where motorists expect to travel at relatively high speeds. Two-lane highways that are major intercity routes, primary connectors of major traffic generators, daily commuter routes, or major links in state or national highway networks are generally assigned to Class I. These facilities serve mostly long-distance trips or provide the connections between facilities that serve long-distance trips.

- *Class II two-lane highways* are highways where motorists do not necessarily expect to travel at high speeds. Two-lane highways functioning as access routes to Class I facilities, serving as scenic or recreational routes (and not as primary arterials), or passing through rugged terrain (where high-speed operation would be impossible) are assigned to Class II. Class II facilities most often serve relatively short trips, the beginning or ending portions of longer trips, or trips for which sightseeing plays a significant role.

- *Class III two-lane highways* are highways serving moderately developed areas. They may be portions of a Class I or Class II highway that pass through small towns or developed recreational areas. On such segments, local traffic often mixes with through traffic, and the density of unsignalized roadside access points is noticeably higher than in a purely rural area. Class III highways may also be longer segments passing through more spread-out recreational areas, also with increased roadside densities. Such segments are often accompanied by reduced speed limits that reflect the higher activity level.

Levels of Service. Three measures of effectiveness are incorporated into the methodology to determine automobile LOS:

1. Average Travel Speed (ATS) reflects mobility on a two-lane highway. It is defined as the highway segment length divided by the average travel time taken by vehicles to traverse it during a designated time interval.

2. Percent Time Spent Following (PTSF) represents the freedom to maneuver and the comfort and convenience of travel. It is the average percentage of time that vehicles must travel in platoons behind slower vehicles due to the inability to pass. Because this characteristic is difficult to measure in the field, a surrogate measure is the percentage of vehicles traveling at headways of less than 3.0 at a representative location within the highway segment. PTSF also represents the approximate percentage of vehicles traveling in platoons.

3. Percent of free-flow speed (PFFS) represents the ability of vehicles to travel at or near the posted speed limit.

Speed and delay due to passing restrictions are both important to motorists on Class I two-lane highways; therefore, LOS is defined in terms of both ATS and PTSF. Travel speed is not a significant issue on Class II highways; therefore, LOS is defined in only terms of PTSF. High speeds are not expected on Class III highways and since the length of the Class III segments may be generally limited, passing restrictions are also not a major concern. In Class III segments drivers are expected to want to travel at or near the speed limit. Therefore, PFFS is used to define LOS. The LOS criteria for two-lane highways are shown in Table 3.

TABLE 3
AUTOMOBILE LOS FOR TWO-LANE HIGHWAYS†

LOS	Class I Highways		Class II Highways	Class III Highways
	ATS (mi / hr)	PTSF (%)	PTSF (%)	PFFS (%)
A	>55	≤35	≤40	>91.7
B	>50-55	>35-50	>40-55	>83.3 – 91.7
C	>45-50	>50-65	>55-70	>75.0 – 83.3
D	>40-45	>65-80	>70-85	>66.7 – 75.0
E	≤40	>80	>85	≤66.7

† HCM 2010, Chapter 15, December 2010

The following Nevada County roadway segments were analyzed:

A. Brunswick Road, from Whispering Pines Lane to SR 49 (Class III)
B. Brunswick Road, between E. Bennett Road and Whispering Pines Lane (Class III)
C. Brunswick Road, between E. Bennett Road and the project driveway (Class III)
D. Brunswick Road, between the project driveway and SR 174(Class III)
E. SR 174, between Brunswick Road and Empire Street (Class I)
F. E. Bennett Road, between Millsite Road and Brunswick Road (Class III)

III.6. Level of Service Thresholds of Significance

Nevada County

Nevada County identifies LOS D or better as the acceptable Level of Service at intersections and roadways in community regions and LOS C in rural regions. All intersections and roadways, except the SR 174 / Brunswick Road intersection and SR 174 east of Empire Street are within the Grass Valley Community Region as identified in the County's General Plan. The SR 174 / Brunswick Road intersection and SR 174 roadway segment, east of Empire Street, are a part of the State highway system.

Under project conditions, a traffic impact is considered to adversely affect an intersection or roadway segment if the conditions change from acceptable to unacceptable Levels of Service or a project adds traffic to an intersection or roadway segment already operating at unacceptable LOS.

The Nevada County General Plan Policy LU-4.1.6 states "Relative to the State highway system, Nevada County recognizes the major funding limitations that exist within the State system and finds that as a matter of policy, additional growth and development may be allowed within the County, notwithstanding the adverse impacts which may result in the short term by this growth and development."

Grass Valley

The City of Grass Valley identifies LOS D or better as the acceptable Level of Service at intersections and roadways. Under project conditions a traffic impact is considered to adversely affect an intersection if the conditions change from acceptable to unacceptable Levels of Service or a project adds traffic to an intersection already operating at unacceptable LOS. The City allows LOS E conditions at the SR 49 SB Ramp / Bennett Road intersection.

Caltrans

The Caltrans *Guide for the Preparation of Traffic Impact Studies* (December 2002) states the following: "Caltrans endeavors to maintain a target LOS at the transition between LOS "C" and LOS "D" on State highway facilities. Caltrans acknowledges that this may not be always feasible and recommends that the lead agency consult with Caltrans to determine the appropriate target LOS. Based on the recently approved Dorsey Marketplace traffic study in Grass Valley the LOS D threshold was used as the acceptable LOS and will be used for Caltrans facilities.

Intersection Queuing Analysis. The quality of traffic flow can also be affected by queuing at signalized intersections. For this study, the lengths of peak period queues have been identified and compared to available storage in order to determine whether spillover from turn lanes can affect adjoining travel or extend through adjacent intersections. 95th percentile queue lengths are reported as part of the Synchro, Synchro/Simtraffic and SIDRA analyses. Those locations where the 95th percentile queue exceeds the available storage have also been noted. Nevada County notes that queuing impacts are considered to be substantial if the queues:

1) exceed the available storage capacity and extend through the adjacent street intersection,
2) extend through right- or left-turn pocket,
3) extend in the through lane blocking a right- or left-turn pocket, or
4) result in insufficient sight distance conditions.

In addition to the above parameters the queues projected under "Plus Project" conditions were also compared to "No Project" conditions to determine the extent of queues where existing queues exceed the available storage. For this report, "Plus Project" queues exceeding the turn lane are assumed to have a substantial impact if the "Plus Project" queue is greater than 25 feet of the "No Project" queue. This represents about one car length and is used by other agencies in assessing queuing impacts. The 25-foot length allows fluctuation in the results, especially in simulations where stochastic modeling results in some intersection queues increasing while others may decrease.

Traffic Signal Warrants. The extent to which existing or projected traffic volumes may justify signalization at unsignalized intersections has been determined based on consideration of traffic signal warrants presented in the *Manual of Uniform Traffic Control Devices, 2014.* For this analysis, the volume thresholds associated with Warrant 3 (Peak Hour Volume) have been

assessed. Since this analysis considered the peak hours of adjacent a.m. and p.m. street traffic as well as the peak hours of project traffic, the peak hour warrant was analyzed for each of the five hours. The meeting of a traffic signal warrant does not, in itself, require installation of a traffic signal but serves as a method to identify a location where further analysis is required.

III.7. Non-Automobile Transportation

Public Transit. The Transit Services Division of the Nevada County Public Works Department provides bus service throughout Nevada County. The nearest bus route to either the Brunswick site or Centennial site is Route #3 which passes directly by the Centennial site.

The #3 Grass Valley Loma Rica Loop route operates between the Tinloy Street / Bank Street Transit Center and the Nevada County Airport. The route operates Monday through Friday only, with departures from the Transit Center at 8:30 a.m., 10:30 a.m., 12:30 p.m., 1:30 p.m., 3:30 p.m. and 5:30 p.m. The loop takes approximately 30 minutes.

Bicycle and Pedestrian Facilities. Designated bicycle facilities exist on various parts of County roadways and City of Grass Valley streets. There are no marked bicycle facilities near the Brunswick site. Whispering Pines Lane, which will provide access to the Centennial site, is a two-lane divided roadway with a wide shoulder which is not marked as a bike lane. Sidewalk is more prevalent within the City of Grass Valley than along Nevada County roadways; however, no sidewalk exists near the Brunswick site or Centennial site.

III.8. Existing Traffic Operating Conditions

Traffic Volume Counts. New traffic counts were conducted by National Data and Surveying Services (NDS). Intersection turning movements (ITM) were conducted the weeks of August 26, 2019 and October 21, 2019 on Tuesdays, Wednesdays or Thursdays while schools were in session. Roadway segment counts were conducted over a three-day midweek period from August 27 to August 29, 2019 while vehicle classification counts were conducted over a seven-day period from September 4 to September 10.

All counts were conducted based on accepted engineering practice. Five (5) time periods were studied based on direction from Nevada County. These included the "standard" a.m. and p.m. peak hours, when adjacent street traffic is at its highest, and at the three time periods when project employee trips are expected to occur. The standard time periods are generally in the two-hour windows from 7:00 a.m. to 9:00 a.m. and from 4:00 p.m. to 6:00 p.m., with the peak hour defined as the highest four continuous 15-minute periods. The remaining three analysis periods include 6:30 a.m. to 7:30 a.m., 3:30 p.m. to 4:30 p.m., and 6:30 p.m. to 7:30 p.m. The 6:30 a.m. / p.m. to 7:30 a.m. / p.m. period coincides with mining operation shift changes at 7:00 a.m. / p.m. while the 3:30 p.m. to 4:30 p.m. period coincides with administrative personnel shift end at 3:30 p.m.; administrative personnel commence their workday at 7:00 a.m. This is referred to as 'project traffic hours' throughout the report. Unless the peak hour of adjacent street traffic is coincident with the peak hour of project traffic the 'plus project' scenarios will not make a noticeable

contribution to the area's traffic during the standard peak hours. Intersection turning movements are presented in Figures 4A through 4F with the peak hours identified in the footnotes occurring in the "standard" 7:00 a.m. to 9:00 a.m. and 4:00 p.m. to 6:00 p.m. hours.

After the Covid-19 pandemic began the County requested that the Brunswick Road / Loma Rica Drive intersection be analyzed. Covid-19 has resulted in reduced traffic patterns due to school and work closures. ITM's have been therefore, generally lower than usual traffic counts. ITM's were developed based on data analytics provided from *Streetlight Data. Streetlight Data* uses "Big-Data" derived travel pattern analytics against publicly available traffic movement ratios derived from traffic counts to project current ITM's. The 2019 daily traffic volume data counted along Brunswick Road was used to calibrate the intersection data. The midweek four months of March, April, September and October 2019 were used to develop the intersection turning movements.

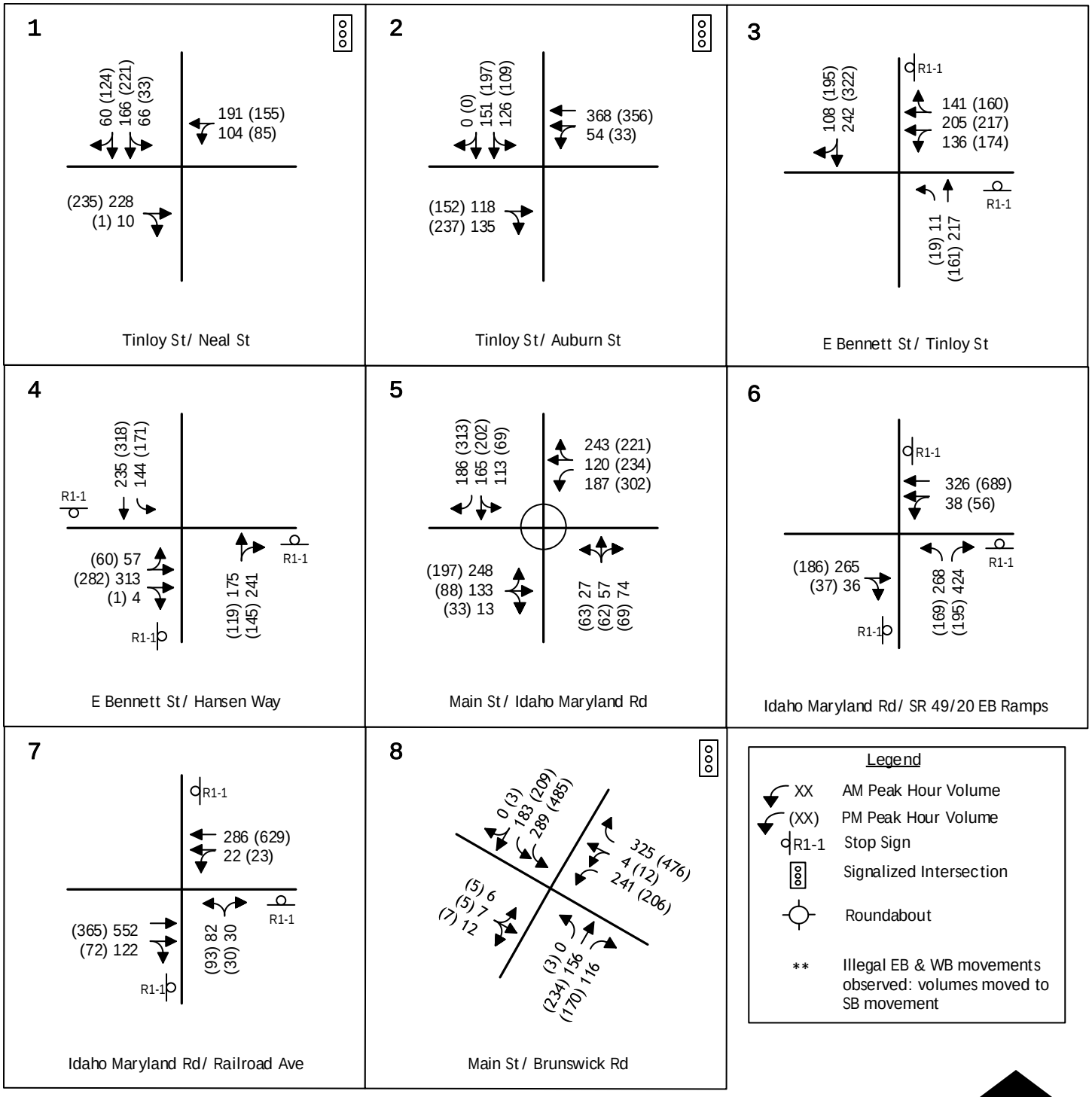
Intersection Levels of Service. Tables 4A and 4B summarize current operating Levels of Service at the study area intersections for each of the five time periods described. Three intersections currently operate at unacceptable Levels of Service, at LOS E or F. These intersections include:

12. Brunswick Road at Idaho Maryland Road where the westbound approach operates at LOS F,
15. Brunswick Road at SR 174 where the southbound approach operates at LOS F, and
19. Idaho Maryland Road at Centennial Drive where the northbound approach operates at LOS F.

Six intersections currently meet the peak hour signal warrant. The peak hour signal warrant is used to provide an informal analysis whether an intersection may be a candidate for signalization. This warrant is intended for use at locations where traffic conditions are such that for a minimum of one hour of an average day the minor street traffic cannot cross or enter the major street without undue delay. The warrant considers intersection volumes and the stopped time delay along the higher volume leg of the minor approach. While the warrant is applied only in unusual circumstances such as access from an office complex this warrant provides an indication whether an intersection may require further observation. An intersection may meet the minimum requirements but operate at acceptable levels of service. Prior to installation of a traffic signal a full warrant analysis / engineering study should be undertaken to determine whether the intersection overall safety and/or operation will be improved. Those intersections meeting the peak hour warrant include:

3. Bennett Road at Tinloy Street,
6. Idaho Maryland Road at SR 49/20 EB Ramps,
12. Brunswick Road at Idaho Maryland Road,
13. Brunswick Road at Whispering Pines Lane,
14. Brunswick Road at E. Bennett Road, and
15. Brunswick Road at SR 174.

The Brunswick Road / Idaho Maryland Road intersection and Brunswick Road / SR 174 intersection also operate below the accepted LOS D threshold.



AM/PM PEAK HOURS EXISTING
TRAFFIC VOLUMES AND LANE CONFIGURATIONS

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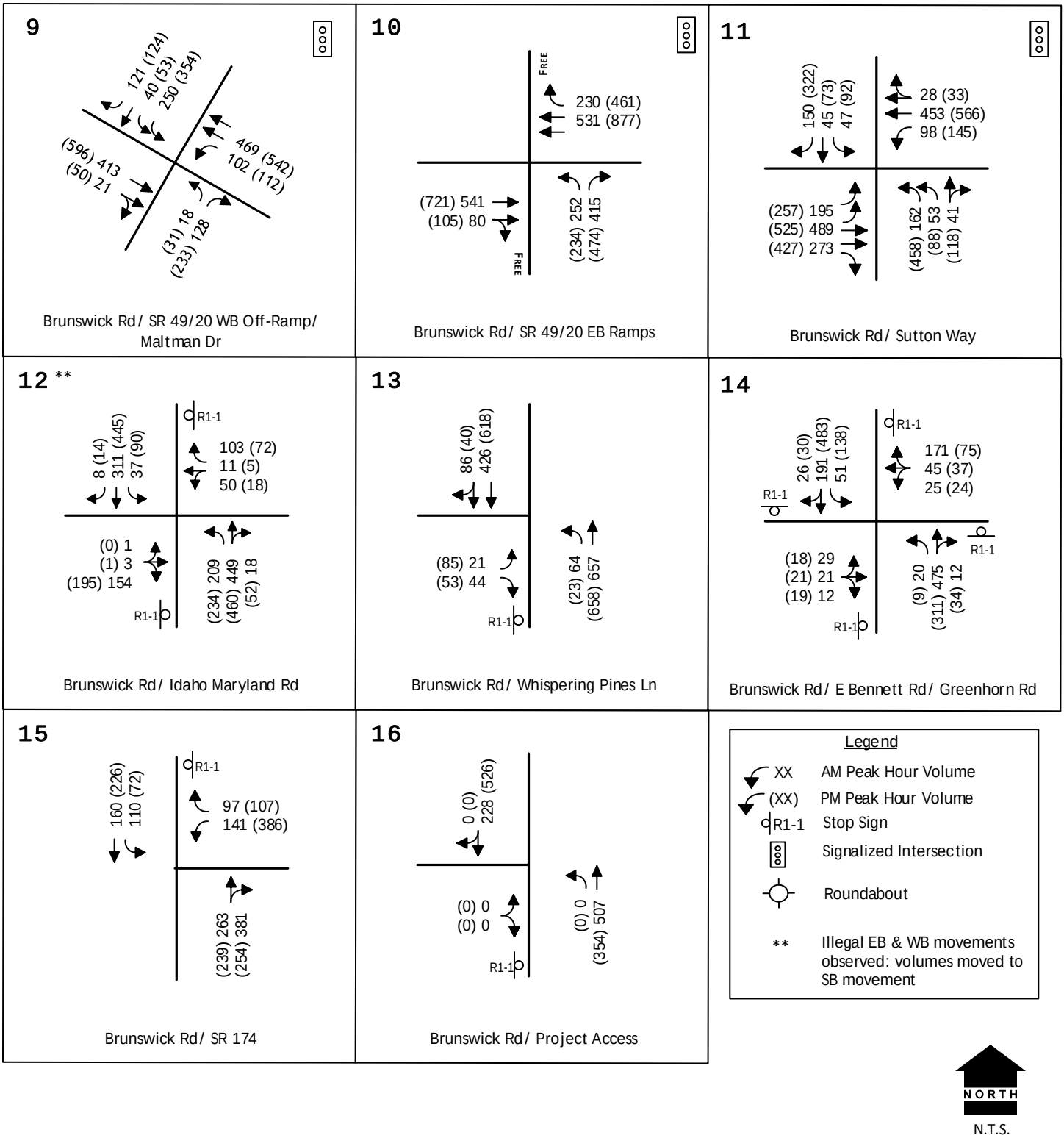
figure 4a



AM/PM PEAK HOURS EXISTING
TRAFFIC VOLUMES AND LANE CONFIGURATIONS

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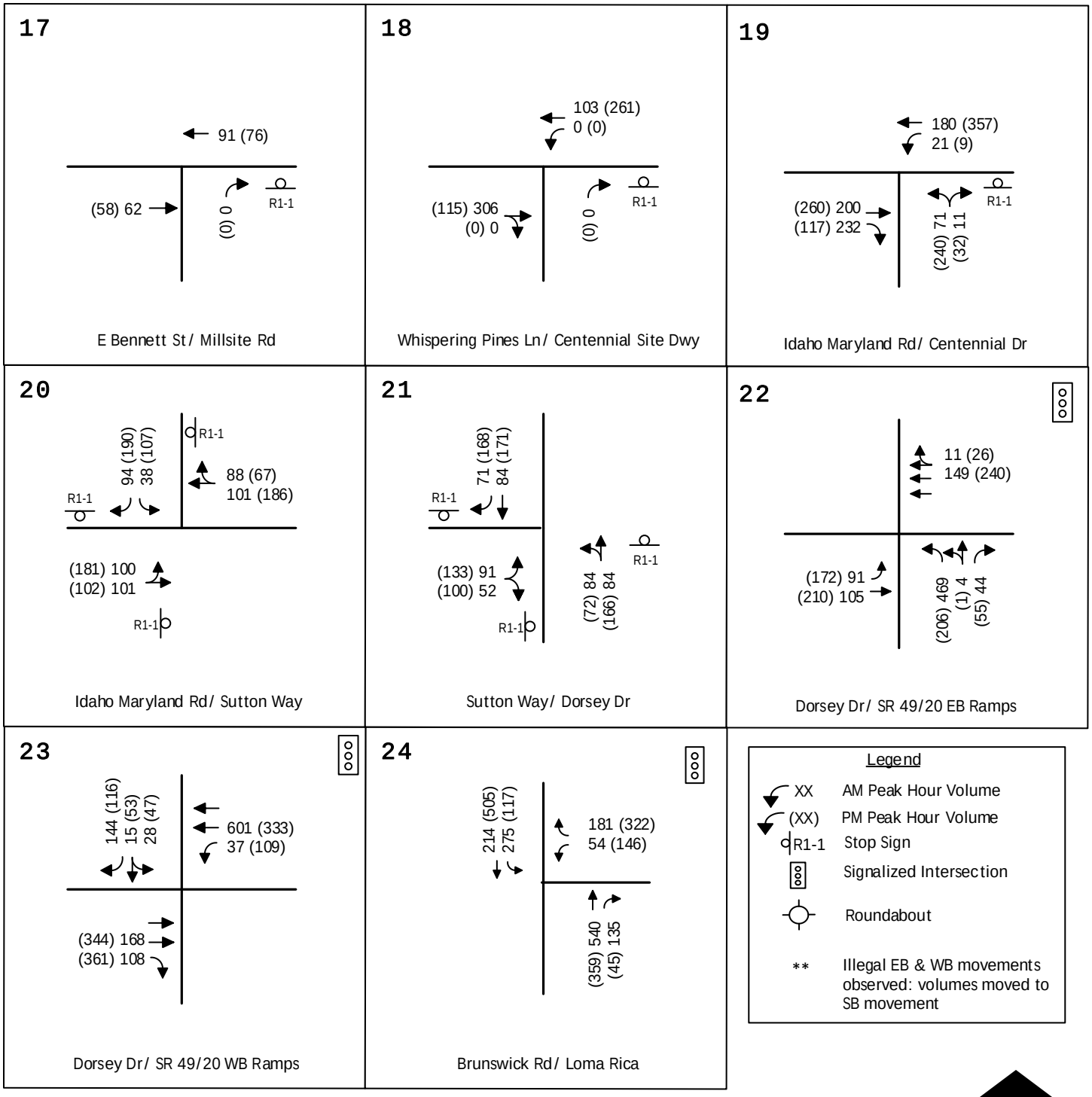
figure 4b



AM/PM PEAK HOURS EXISTING
TRAFFIC VOLUMES AND LANE CONFIGURATIONS

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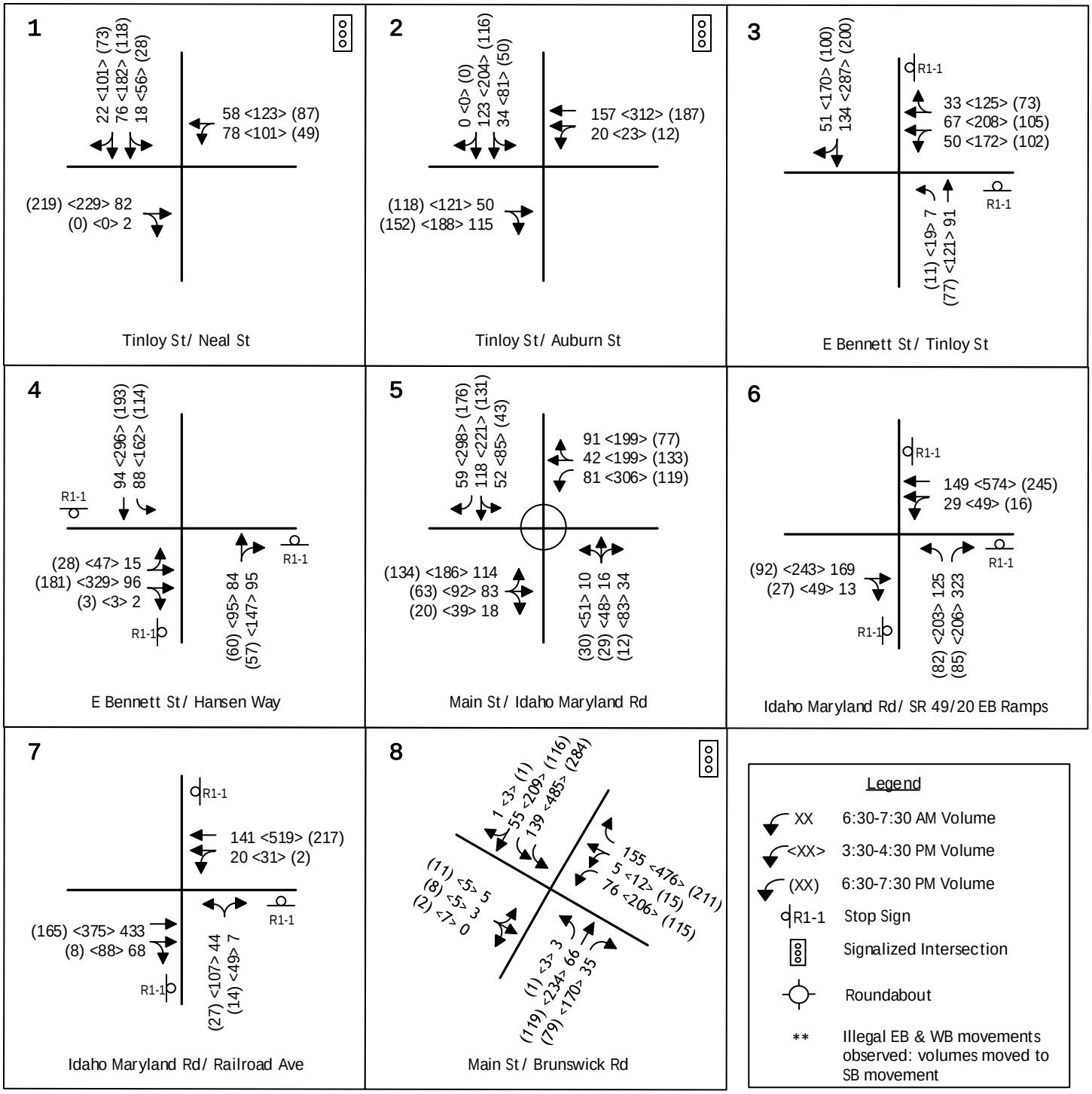
figure 4c



PROJECT TRAFFIC HOURS EXISTING
TRAFFIC VOLUMES AND LANE CONFIGURATIONS

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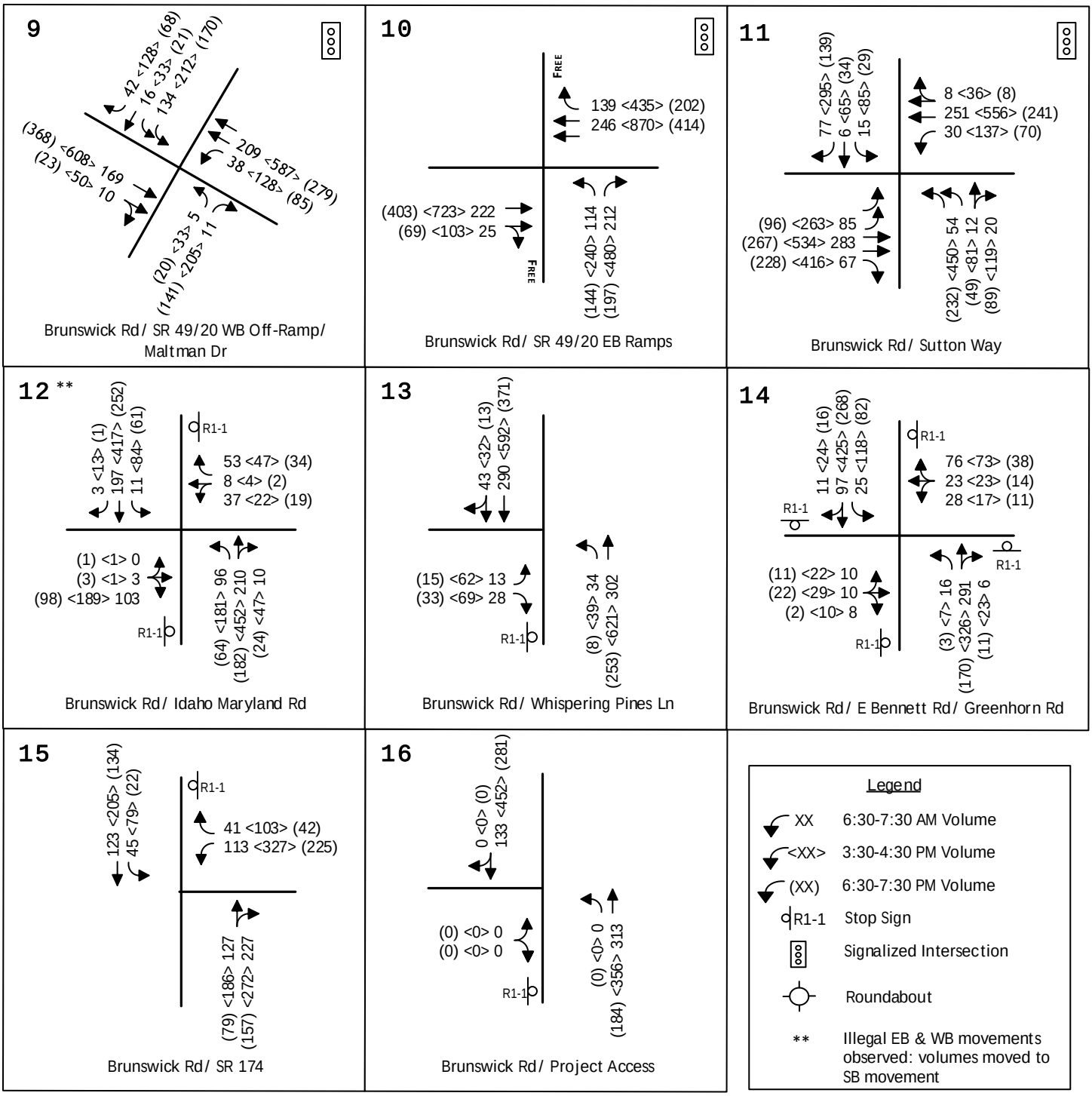
figure 4d



PROJECT TRAFFIC HOURS EXISTING
TRAFFIC VOLUMES AND LANE CONFIGURATIONS

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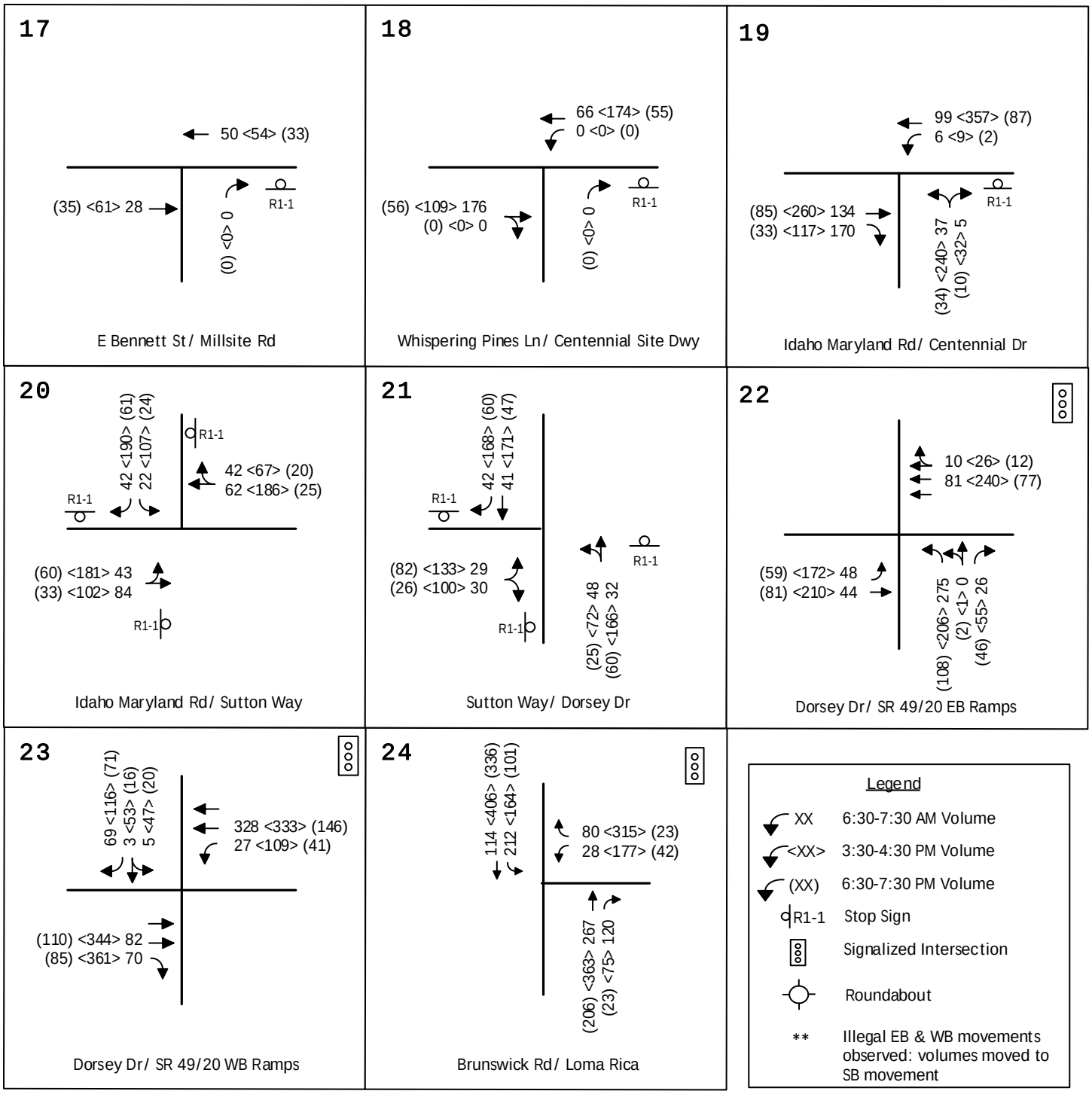
figure 4e



PROJECT TRAFFIC HOURS EXISTING
TRAFFIC VOLUMES AND LANE CONFIGURATIONS

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figure 4f

TABLE 4A
EXISTING LEVELS OF SERVICE AT INTERSECTIONS
(PEAK HOURS)

Location	Control	AM Peak Hour		PM Peak Hour		Meets Peak Hour Warrant?
		LOS	Average Delay	LOS	Average Delay	
1. Neal St / Tinloy St ‡◊	Signal	B	14.5	B	10.9	N/A
2. S. Auburn St / Tinloy St ‡◊e	Signal	B	10.4	B	10.3	N/A
3. E. Bennett Rd / Tinloy St – SR 49 WB Off-Ramp ‡◊	SB / WB Stop	A	6.2	A	7.0	Yes
4. E. Bennett Rd / Hansen Way – SR 49 EB On-Ramp ‡◊	AWS	C	19.0	C	15.4	No
5. E. Main St / Idaho Maryland Rd - SR 49 WB Ramps ‡◊	Roundabout	A	7.2	A	6.9	N/A
6. Idaho Maryland Rd / SR 49 EB Ramps ‡◊	AWS	C	22.0	D	26.5	Yes
7. Idaho Maryland Rd / Railroad Ave ‡◊	AWS	B	12.8	C	17.5	No
8. E. Main St / Brunswick Rd – W. Olympia Dr ‡Δ	Signal	B	10.5	B	13.6	N/A
9. Brunswick Rd / SR 49 WB Off-Ramp – Maltman Dr ‡♦	Signal	B	17.7	C	20.8	N/A
10. Brunswick Rd / SR 49 EB Ramps ‡▲	Signal	B	13.2	B	12.6	N/A
11. Brunswick Rd / Sutton Way ‡▲	Signal	B	12.4	C	22.8	N/A
12. Brunswick Rd / Idaho Maryland Rd ‡●	EB/WB Stop					Yes
NB Left		A	8.8	A	9.3	
SB Left		A	8.5	A	8.8	
EB		B	11.8	B	14.1	
WB		**F**	**75.6**	**F**	**64.2**	
13. Brunswick Rd / Whispering Pines Ln ‡●	EB Stop					Yes
NB Left		A	8.9	A	9.2	
EB		B	12.5	C	16.3	
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd †●	AWS	D	25.5	C	20.7	Yes
15. Brunswick Rd / SR 174 †●	SB Stop		16.678.1			Yes
SB		C		**F**	**72.9**	
EB Left		A		A	7.9	
16. Brunswick Rd / Project Driveway †●	EB Stop	Not Studied				

AWS – all way stop
Bold indicates intersection operates below threshold
† Nevada County
‡Grass Valley

◊ 8:00 – 9:00 a.m. / 4:30 – 5:30 p.m.
♦ 8:00 – 9:00 a.m. / 4:15 – 5:15 p.m.
● 7:45 – 8:45 a.m. / 4:30 – 5:30 p.m.

Δ 8:00 – 9:00 a.m. / 3:30 – 5:30 p.m.
▲ 8:00 – 9:00 a.m. / 3:45 – 4:45 p.m.

TABLE 4A (continued)
EXISTING LEVELS OF SERVICE AT INTERSECTIONS
(PEAK HOURS)

Location	Control	AM Peak Hour		PM Peak Hour		Meets Peak Hour Warrant?
		LOS	Average Delay	LOS	Average Delay	
17. E. Bennett Rd / Millsite Rd †●	NB Stop	Not Studied				
18. Whispering Pines Ln / Centennial Site Driveway ‡◊	NB Stop	Not Studied				
19. Idaho Maryland Rd / Centennial Dr ‡Δ NB WB Left	NB Stop	 B A	 12.2 8.3	 **F** A	 **59.1** 8.3	No
20. Idaho Maryland Rd /Sutton Way ‡Δ	AWS	A	9.3	B	12.5	No
21. Sutton Way / Dorsey Dr ‡Δ	AWS	A	8.8	B	11.7	No
22. Dorsey Dr / SR 49 EB Ramps ‡Δ	Signal	B	12.6	B	13.7	N/A
23. Dorsey Dr / SR 49 WB Ramps ‡Δ	Signal	A	6.5	A	8.8	N/A
24. Brunswick Rd / Loma Rica Dr†□	Signal	B	19.3	B	13.4	N/A

AWS – all way stop
Bold indicates intersection operates below threshold
† Nevada County
‡Grass Valley

◊ 8:00 – 9:00 a.m. / 4:30 – 5:30 p.m.
♦ 8:00 – 9:00 a.m. / 4:15 – 5:15 p.m.
● 7:45 – 8:45 a.m. / 4:30 – 5:30 p.m.

Δ 8:00 – 9:00 a.m. / 3:30 – 5:30 p.m.
▲ 8:00 – 9:00 a.m. / 3:45 – 4:45 p.m.
□ 8:00 – 9:00 a.m. / 5:00 – 6:00 p.m.

TABLE 4B
EXISTING LEVELS OF SERVICE AT INTERSECTIONS
(PROJECT TRAFFIC HOURS)

Location	Control	6:30 – 7:30 AM		3:30 – 4:30 PM		6:30 – 7:30 PM		Meets Traffic Signal Warrant?
		LOS	Average Delay	LOS	Average Delay	LOS	Average Delay	
1. Neal St / Tinloy St ‡	Signal	A	4.8	A	8.3	A	6.6	N/A
2. S. Auburn St / Tinloy St ‡	Signal	A	6.1	A	8.7	A	7.0	N/A
3. E. Bennett Rd / Tinloy St – SR 49 WB Off-Ramp ‡	SB / WB Stop	A	3.9	A	6.1	A	4.1	Yes*
4. E. Bennett Rd / Hansen Way – SR 49 EB On-Ramp ‡	AWS	A	9.2	B	14.8	B	10.1	No
5. E. Main St / Idaho Maryland Rd - SR 49 WB Ramps ‡	Roundabout	A	4.5	A	6.6	A	4.3	N/A
6. Idaho Maryland Rd / SR 49 EB Ramps ‡	AWS	B	14.4	C	19.3	A	9.8	No
7. Idaho Maryland Rd / Railroad Ave ‡	AWS	B	11.3	C	17.1	A	8.8	No
8. E. Main St / Brunswick Rd – W. Olympia Dr ‡	Signal	A	5.8	B	14.2	A	9.1	N/A
9. Brunswick Rd / SR 49 WB Off-Ramp – Maltman Dr ‡	Signal	B	15.8	C	20.2	B	15.8	N/A
10. Brunswick Rd / SR 49 EB Ramps ‡	Signal	A	8.7	B	13.3	A	8.8	N/A
11. Brunswick Rd / Sutton Way ‡	Signal	A	4.7	C	21.2	A	9.2	N/A
12. Brunswick Rd / Idaho Maryland Rd ‡								
NB Left	EB/WB Stop	A	8.1	A	9.0	A	8.0	Yes*
SB Left		A	7.8	A	8.8	A	7.8	
EB		B	10.5	B	13.9	B	10.6	
WB		C	17.3	**F**	**70.7**	B	14.6	
13. Brunswick Rd / Whispering Pines Ln ‡								
NB Left	EB Stop	A	8.4	A	9.1	A	8.3	Yes*
EB		B	10.8	B	14.1	B	10.6	
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd †	AWS	B	10.9	C	18.4	B	10.8	Yes*
15. Brunswick Rd / SR 174 †								
SB	SB Stop	B	12.5	**E**	**35.1**	B	12.5	Yes*
EB Left		A	7.7	A	7.8	A	7.4	
16. Brunswick Rd / Project Driveway †	EB Stop	Not Studied						

AWS – all way stop
Bold indicates intersection operates below threshold
† Nevada County
‡Grass Valley
* meets warrant in 3:30 p.m. hour

TABLE 4B (continued)
EXISTING LEVELS OF SERVICE AT INTERSECTIONS
(PROJECT TRAFFIC HOURS)

Location	Control	6:30 – 7:30 AM		3:30 – 4:30 PM		6:30 – 7:30 PM		Meets Traffic Signal Warrant?
		LOS	Average Delay	LOS	Average Delay	LOS	Average Delay	
17. E. Bennett Rd / Millsite Rd †	NB Stop	Not Studied						
18. Whispering Pines Ln / Centennial Site Driveway ‡	NB Stop	Not Studied						
19. Idaho Maryland Rd / Centennial Dr ‡ NB WB Left	NB Stop	B A	10.8 8.1	**F** A	**59.1** 8.3	B A	10.1 7.6	No
20. Idaho Maryland Rd /Sutton Way ‡	AWS	A	8.0	B	12.5	A	8.0	No
21. Sutton Way / Dorsey Dr ‡	AWS	A	8.0	B	11.8	A	8.2	No
22. Dorsey Dr / SR 49 EB Ramps ‡	Signal	A	7.9	B	13.6	A	7.8	N/A
23. Dorsey Dr / SR 49 WB Ramps ‡	Signal	A	3.7	A	9.1	A	5.3	N/A
24. Brunswick Rd / Loma Rica Dr†	Signal	B	12.0	B	14.3	A	8.1	N/A

AWS – all way stop
Bold indicates intersection operates below threshold
† Nevada County
‡Grass Valley

Intersection Queues. The quality of traffic flow can also be affected by queuing. For this study, the lengths of turning lane queues and stop controlled approach lanes at unsignalized intersections were identified and compared to available storage in order to determine whether spillover from turn lanes can affect adjoining travel or extend through adjacent intersections. The available storage is presented along with the 95th percentile queue lengths. On multiple lane approaches the longest queue is identified unless noted.

Tables 5A and 5B present information regarding current queuing each study intersection where turn lanes exist, or spillback may cause a queue to extend beyond an adjacent intersection. Those 95th percentile queues with length exceeding the available storage have been highlighted. The 95th percentile queue exceeds available storage in 15 locations at nine intersections. The intersections of Neal Street at Tinloy Street and Tinloy Street at S. Auburn Street have queues that exceed the available storage and back up through the adjacent intersection. Similar conditions also exist at the westbound approach of the Idaho Maryland Rd / SR 49 EB Ramps intersection, the eastbound approach of the Idaho Maryland Rd / Railroad Avenue intersection and the eastbound approach of Brunswick Road at SR 49 Westbound Off-Ramp - Maltman Drive intersection. It is assumed that one additional vehicle (25') can store in the available left or right turn taper and this occurs at three locations. Finally, the westbound left turn queues along Loma Rica Drive at Brunswick Road will exceed the available 100-foot storage lane. This movement is part of a protected westbound phase that includes a westbound right turn overlap. Based on the intersection level of service it appears that while the left turn queue will exceed the left turn lane the right turn overlap will continually clear the queues.

TABLE 5A
EXISTING QUEUES
(PEAK HOURS)

Location	Length*	AM Peak Hour Queue (feet)	PM Peak Hour Queue (feet)
1. Neal St / Tinloy St			
EB	70	115	118
WB	150	265	168
2. S. Auburn St / Tinloy St			
NB through	80	153	135
NB through-left	80	93	76
SB	75	99	138
WB	95	115	120
3. E. Bennett Rd / Tinloy St – SR 49 WB Off-Ramp			
NB left turn	60	35	41
NB through	150	65	63
4. E. Bennett Rd / Hansen Way – SR 49 EB On-Ramp			
SB left turn	60	33	40
SB through	150	63	103

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 5A (continued)
EXISTING QUEUES
(PEAK HOURS)

Location	Length*	AM Peak Hour Queue (feet)	PM Peak Hour Queue (feet)
5. E. Main St / Idaho Maryland Rd - SR 49 WB Ramps			
NB	---	26	26
SB	---	34	41
EB	---	84	54
WB	---	53	72
6. Idaho Maryland Rd / SR 49 EB Ramps			
NB right	---	190	52
NB left	355	95	48
WB	90	67	283
7. Idaho Maryland Rd / Railroad Ave			
EB	90	95	73
8. E. Main St / Brunswick Rd – W. Olympia Dr			
NB left	110	---	<25
NB right	125	81	120
SB left (2 lanes)	355	119	164
WB left (2 lanes)	150	89	83
WB right	150	97	151
9. Brunswick Rd / SR 49 WB Off-Ramp – Maltman Dr			
NB left	100	53	73
NB right	100	77	129
SB left (2 lanes)	260	177	212
SB right	260	66	76
EB	160	150	208
WB left	145	95	101
10. Brunswick Rd / SR 49 EB Ramps			
NB left	200	227	218
NB right	---	234	232
11. Brunswick Rd / Sutton Way			
NB left (2 lanes)	280	100	276
SB left	190	62	110
SB right	180	---	---
EB left (2 lanes)	185	90	126
EB right	250	106	167
WB left	125	89	149

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 5A (continued)
EXISTING QUEUES
(PEAK HOURS)

Location	Length*	AM Peak Hour Queue (feet)	PM Peak Hour Queue (feet)
12. Brunswick Rd / Idaho Maryland Rd			
NB left	540	<25	<25
SB left	120	<25	<25
EB right	---	<25	38
WB left	60	115	60
13. Brunswick Rd / Whispering Pines Ln			
NB left	210	<25	<25
EB left	110	<25	28
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd			
NB left	225	<25	<25
SB left	260	<25	<25
EB	---	<25	<25
WB	---	55	<25
15. Brunswick Rd / SR 174			
SB left	90	48	345
EB left	130	<25	<25
19. Idaho Maryland Rd / Centennial Dr			
NB	---	<25	233
WB left	130	<25	<25
20. Idaho Maryland Rd /Sutton Way			
SB right	90	<25	38
SB left	---	<25	<25
ÈB	---	33	73
WB	---	28	55
21. Sutton Way / Dorsey Dr			
SB right	120	<25	30
SB thru	---	<25	35
NB	---	25	55
EB	---	<25	53
22. Dorsey Dr / SR 49 EB Ramps			
NB Left (2 lanes)	215	204	108
NB right	215	55	43
EB left	180	99	151

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 5A (continued)
EXISTING QUEUES
(PEAK HOURS)

Location	Length*	AM Peak Hour Queue (feet)	PM Peak Hour Queue (feet)
23. Dorsey Dr / SR 49 EB Ramps			
SB right	400	70	59
SB left-thru	400	62	84
EB right	155	51	120
WB left	180	58	96
24. Brunswick Rd / Loma Rica Dr			
NB right	410	33	<25
SB left	400	233	99
WB left	100	59	124

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 5B
EXISTING QUEUES
(PROJECT TRAFFIC HOURS)

Location	Length*	6:30 – 7:30 AM Queue (feet)	3:30 – 4:30 PM Queue (feet)	6:30 – 7:30 PM Queue (feet)
1. Neal St / Tinloy St				
EB	70	59	104	97
WB	150	81	125	87
2. S. Auburn St / Tinloy St				
NB through	80	63	117	74
NB through-left	80	55	74	55
SB	75	69	109	99
WB	95	84	97	74
3. E. Bennett Rd / Tinloy St – SR 49 WB Off-Ramp				
NB left turn	60	27	39	32
NB through	150	44	58	48
4. E. Bennett Rd / Hansen Way – SR 49 EB On-Ramp				
SB left turn	60	<25	38	<25
SB through	150	<25	90	<25
5. E. Main St / Idaho Maryland Rd - SR 49 WB Ramps				
NB	---	<25	<25	<25
SB	---	<25	47	<25
EB	---	29	55	27
WB	---	<25	52	26
6. Idaho Maryland Rd / SR 49 EB Ramps				
NB right	---	115	50	<25
NB left	355	30	60	<25
WB	90	<25	165	30
7. Idaho Maryland Rd / Railroad Ave				
EB	90	78	90	<25
8. E. Main St / Brunswick Rd – W. Olympia Dr				
NB left	110	<25	<25	<25
NB right	125	45	126	59
SB left (2 lanes)	355	65	185	105
WB left (2 lanes)	150	46	87	55
WB right	150	52	162	69
9. Brunswick Rd / SR 49 WB Off-Ramp – Maltman Dr				
NB left	100	28	73	50
NB right	100	32	118	75
SB left (2 lanes)	260	122	206	140
SB right	260	50	86	53
EB	160	52	210	131
WB left	145	59	112	90

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches Queuing distances based on stochastic modeling

TABLE 5B (continued)
EXISTING QUEUES
(PROJECT TRAFFIC HOURS)

Location	Length*	6:30 – 7:30 AM Queue (feet)	3:30 – 4:30 PM Queue (feet)	6:30 – 7:30 PM Queue (feet)
10. Brunswick Rd / SR 49 EB Ramps				
NB left	200	148	227	173
NB right	---	99	243	97
11. Brunswick Rd / Sutton Way				
NB left (2 lanes)	280	51	248	116
SB left	190	41	101	50
SB right	180	---	---	---
EB left (2 lanes)	185	57	132	72
EB right	250	47	152	82
WB left	125	43	137	67
12. Brunswick Rd / Idaho Maryland Rd				
NB left	540	<25	<25	<25
SB left	120	<25	<25	<25
EB right	---	<25	38	<25
WB left	60	<25	60	<25
13. Brunswick Rd / Whispering Pines Ln				
NB left	210	<25	<25	<25
EB left	110	<25	<25	<25
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd				
NB left	225	<25	<25	<25
SB left	260	<25	<25	<25
EB	---	<25	<25	<25
WB	---	<25	<25	<25
15. Brunswick Rd / SR 174				
SB left	90	25	198	43
EB left	130	<25	<25	<25
16. Brunswick Rd / Project Driveway				
NB left	TWLTL	---	---	---
19. Idaho Maryland Rd / Centennial Dr				
NB	---	<25	233	<25
WB left	130	<25	<25	<25
20. Idaho Maryland Rd /Sutton Way				
SB right	90	<25	38	<25
SB left	---	<25	<25	<25
ÈB	---	<25	73	<25
WB	---	<25	55	<25

Highlighted values indicate queue length in excess of available storage

* - longest lane for multiple turn lane approaches Queuing distances based on stochastic modeling

TABLE 5B (continued)
EXISTING QUEUES
(PROJECT TRAFFIC HOURS)

Location	Length*	6:30 – 7:30 AM Queue (feet)	3:30 – 4:30 PM Queue (feet)	6:30 – 7:30 PM Queue (feet)
21. Sutton Way / Dorsey Dr				
SB right	120	<25	38	<25
SB thru	---	<25	35	<25
NB	---	<25	55	<25
EB	---	<25	55	<25
22. Dorsey Dr / SR 49 EB Ramps				
NB Left (2 lanes)	215	100	104	58
NB right	215	30	40	38
EB left	180	58	141	61
23. Dorsey Dr / SR 49 EB Ramps				
SB right	400	46	61	44
SB left-thru	400	26	91	48
EB right	155	37	123	42
WB left	180	46	101	53
24. Brunswick Rd / Loma Rica Dr				
NB right	410	32	26	<25
SB left	400	135	134	64
WB left	100	33	163	35

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

Existing Roadway Segment Levels of Service. Table 6 summarizes the Levels of Service based on the current traffic volumes on study area roads with the existing roadway configuration. Applicable Level of Service thresholds and roadway classifications are presented.

The Levels of Service along Brunswick Road, E. Bennett Road and SR 174 were computed using the HCS two-lane roadway methodology. All segments along Brunswick Road and E. Bennett Road operate at LOS D or better while the SR 174 segment operates at LOS E. The SR 174 segment exceeds the LOS C threshold in both directions.

TABLE 6
EXISTING ROADWAY SEGMENT LEVELS OF SERVICE

Roadway	Location	Facility Classification	ATS/PTSF/LOS Existing PM Peak Hour
Brunswick Rd	SR 49 to Whispering Pines Ln	Class I Highway	
	NB		31.8 / 75.6 / D
	SB		31.7 / 76.3 / D
	Whispering Pines Ln to E. Bennett Rd	Class I Highway	
	NB		37.4 / 67.0 / C
	SB		36.6 / 82.6 / D
	E. Bennett Rd to Project Driveway	Class I Highway	
	NB		35.7 / 60.4 / C
	SB		35.7 / 76.9 / C
	Project Driveway to SR 174	Class I Highway	
	NB		34.1 / 66.4 / C
	SB		33.4 / 80.2 / D
E. Bennett Rd	Project Driveway to Brunswick Rd	Class III Highway	
	EB		35.4 / 35.4 / B
	WB		36.3 / 50.3 / B
SR 174	Brunswick Rd to Empire St	Class I Highway	
	EB		**30.3 / 59.6 / E**
	WB		**29.3 / 77.2 / E**

ATS – average travel speed
PTSF – percent time spent following
LOS – level of service
Bold indicates LOS threshold exceeded

IV. EXISTING PLUS APPROVED PROJECTS [EPAP]

The analysis of the near-term cumulative condition is intended to consider the impact of projects that are approved or are reasonably foreseeable in the next five years. This is referred to as the "Existing Plus Approved Projects" (EPAP) scenarios. Nevada County and City of Grass Valley staff were contacted to identify any approved or pending projects in the project vicinity.

Where available, trip generation developed for a project was assigned to the study intersections. When unavailable, KD Anderson & Associates used the best available information for those projects, generated trips for each and distributed and assigned trips to the study intersections. The Approved Projects traffic was then added to the existing volumes to develop the EPAP scenario. EPAP volumes are presented in Figure 5A through 5F. The following 11 projects were identified based on an approved project list provided by Nevada County and a project status log provided by Grass Valley.

1) **Guilded Springs** - The project is located on E. Main Street west of Bennett Road. The project consists of division of a 6.96-acre parcel into 27 single family residential lots;
2) **O-Reilly Auto Parts** - The project is located on Nevada City Highway north of Brunswick Road. It includes 8,694 square feet of retail use;
3) **740 Maltman Drive** - The project is located south of Brunswick Road and includes replacement of an existing 2,000 square foot building with a new 3,700 square foot professional office building;
4) **500 Idaho Maryland Road** - The project includes construction of two manufacturing buildings, one of which has already been completed, consisting of 22,500 square feet. The site is located east of Railroad Avenue;
5) **River Valley Bank** - The project includes construction of two buildings, a 3,500 square foot bank which has already been completed and a new 1,450 square foot professional office building;
6) **634 Town Talk Road** includes division of a 1.36-acre parcel into 11 lots in an R-3 zone. The project is located just east of Brunswick Road in the vicinity of the SR 49 interchange;
7) **130 Crown Point Circle** - This project is located in the Whispering Pines Specific Plan zone and includes construction of a 6,889 square foot dental office (medical office building);
8) **Loma Rica Ranch** - This includes the first phase of the Loma Rica Ranch Specific Plan (LRRSP). The LRRSP area includes lands between Sutton Way to east of Brunswick Road north of Idaho Maryland Road. This first phase includes 175 single family residential units and 60 duplex/ townhome lots. Phase 1 is scheduled to begin construction in the Spring 2021;
9) **Dorsey Marketplace** - This project considered two alternative site plans. Alternative A included commercial development of 181,900 square feet, construction of 90 multiple-family residential units and a 3,200 square foot clubhouse. Alternative B provided up to

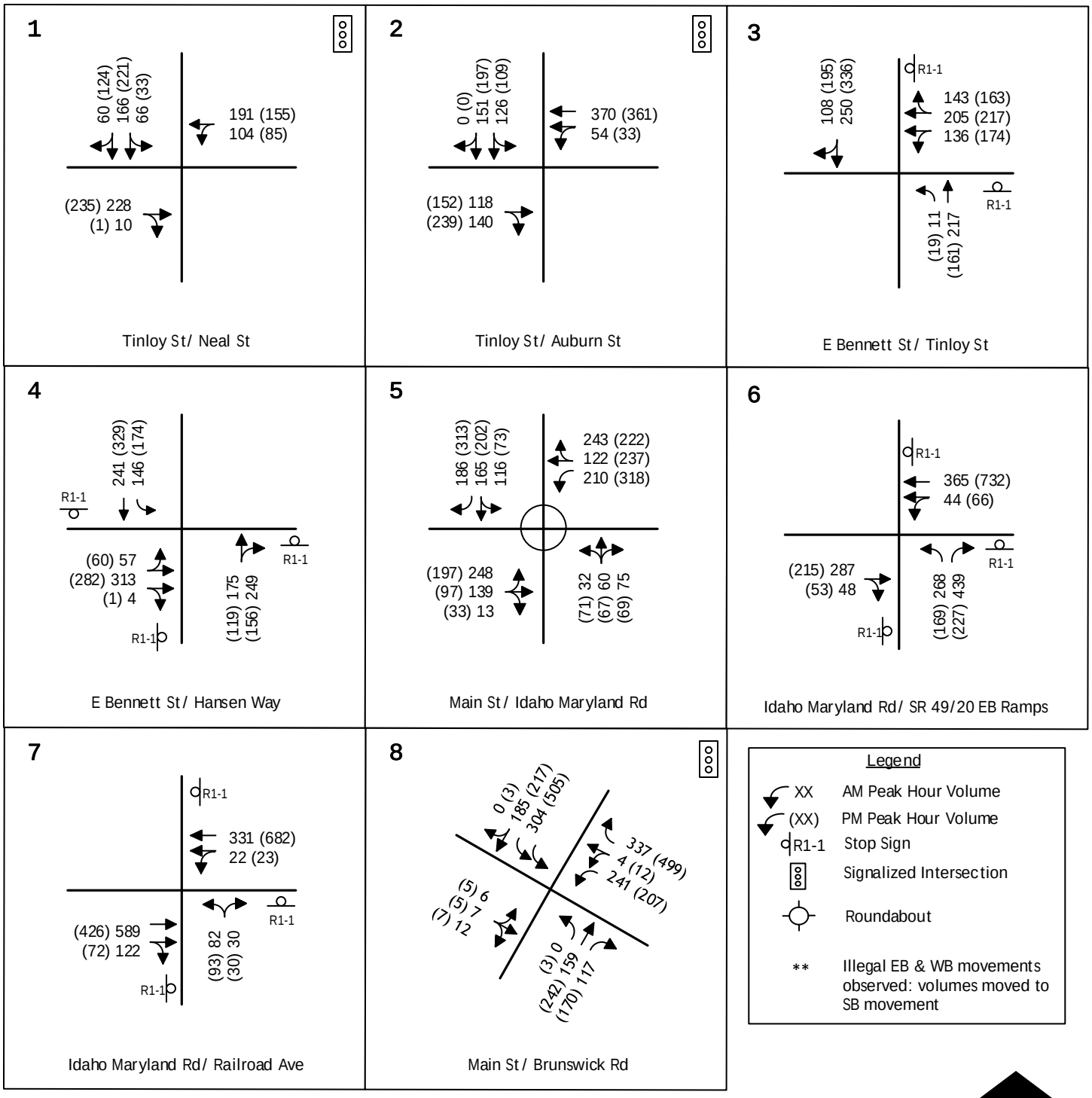
172 apartments, a 3,200-square foot clubhouse, approximately 104,350 square feet of commercial space and approximately 8,500 square feet of office space. The worst-case trip generation for this site, Alternative A, was used;

10) **South Woodlands** - This project is located on Greenhorn Road east of Brunswick Road. The project consists of development of 30 single family residential lots;

11) **Tranquility Lane Estates** - This project is located on Idaho Maryland Road east of Brunswick Road. The project consists of development of 9 single family residential lots.

Intersection Levels of Service. The identified EPAP volumes were used to recalculate operating Levels of Service at the study intersections. No improvements to the study area intersections were identified. Tables 7A and 7B summarize operating Levels of Service at the study area intersections for each of the five time periods described. Three intersections will continue to operate at unacceptable Levels of Service, at LOS E or F. These include Brunswick Road at Idaho Maryland Road where the westbound approach operates at LOS F, Brunswick Road at SR 174 where the southbound approach operates at LOS F and Idaho Maryland Road at Centennial Drive where the northbound approach operates at LOS F. A fourth intersection, Idaho Maryland Road at SR 49 EB Ramps will decline to LOS E.

Seven intersections will meet the peak hour signal warrant. These include E. Bennett Road at Tinloy Street, Idaho Maryland Road at SR 49/20 EB Ramps, Brunswick Road at Idaho Maryland Road, Brunswick Road at Whispering Pines Lane, Brunswick Road at E. Bennett Road, Brunswick Road at SR 174 and Idaho Maryland Road at Centennial Drive. As identified above, the Brunswick Road / Idaho Maryland Road intersection, Brunswick Road / SR 174 intersection and Idaho Maryland Road at Centennial Drive intersection also operate below the accepted LOS D threshold.

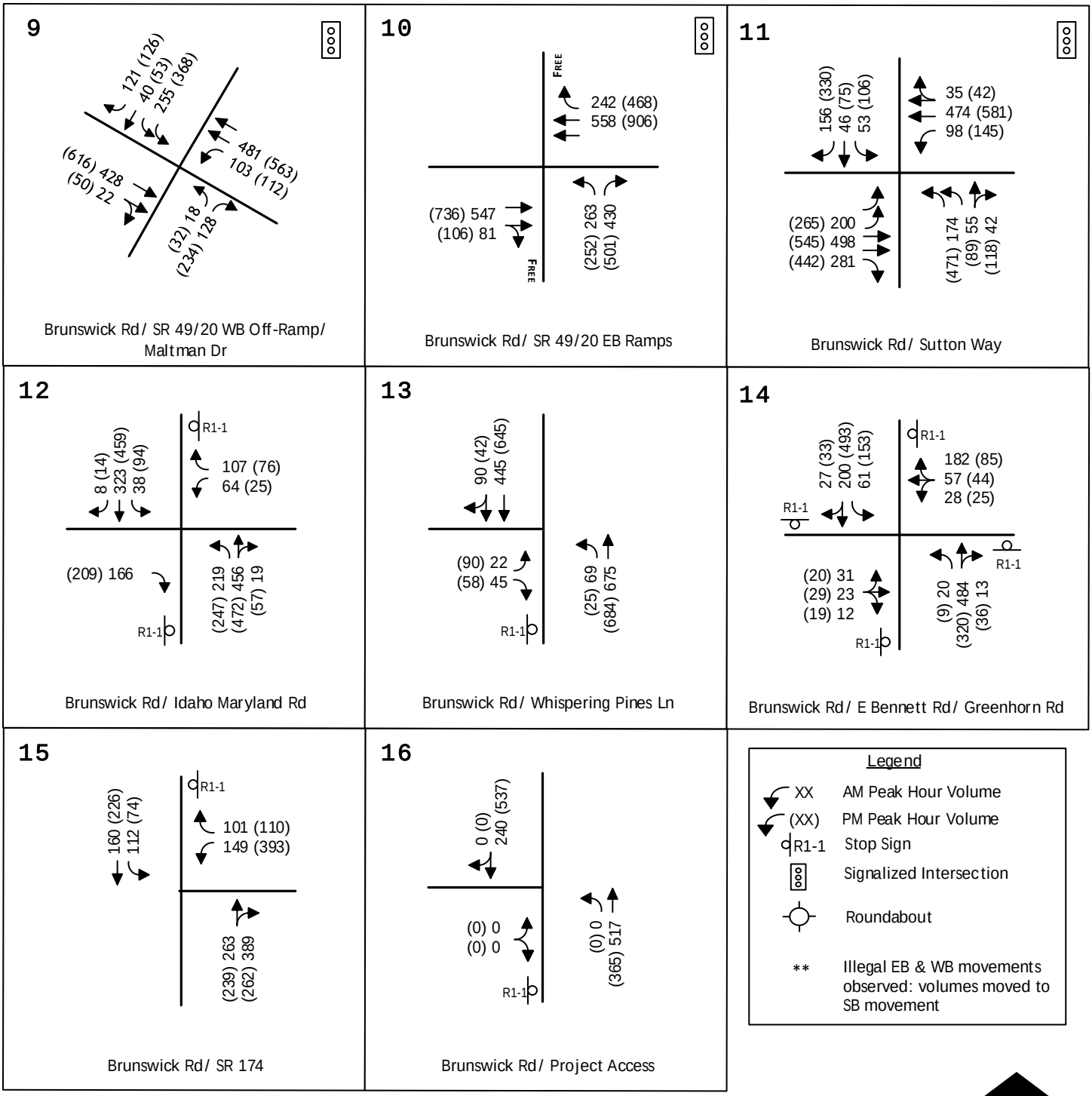


AM/PM PEAK HOURS EXISTING PLUS APPROVED PROJECT
TRAFFIC VOLUMES AND LANE CONFIGURATIONS

KD Anderson & Associates, Inc.
Transportation Engineers

5875-01 RA 4/25/2022

figure 5a

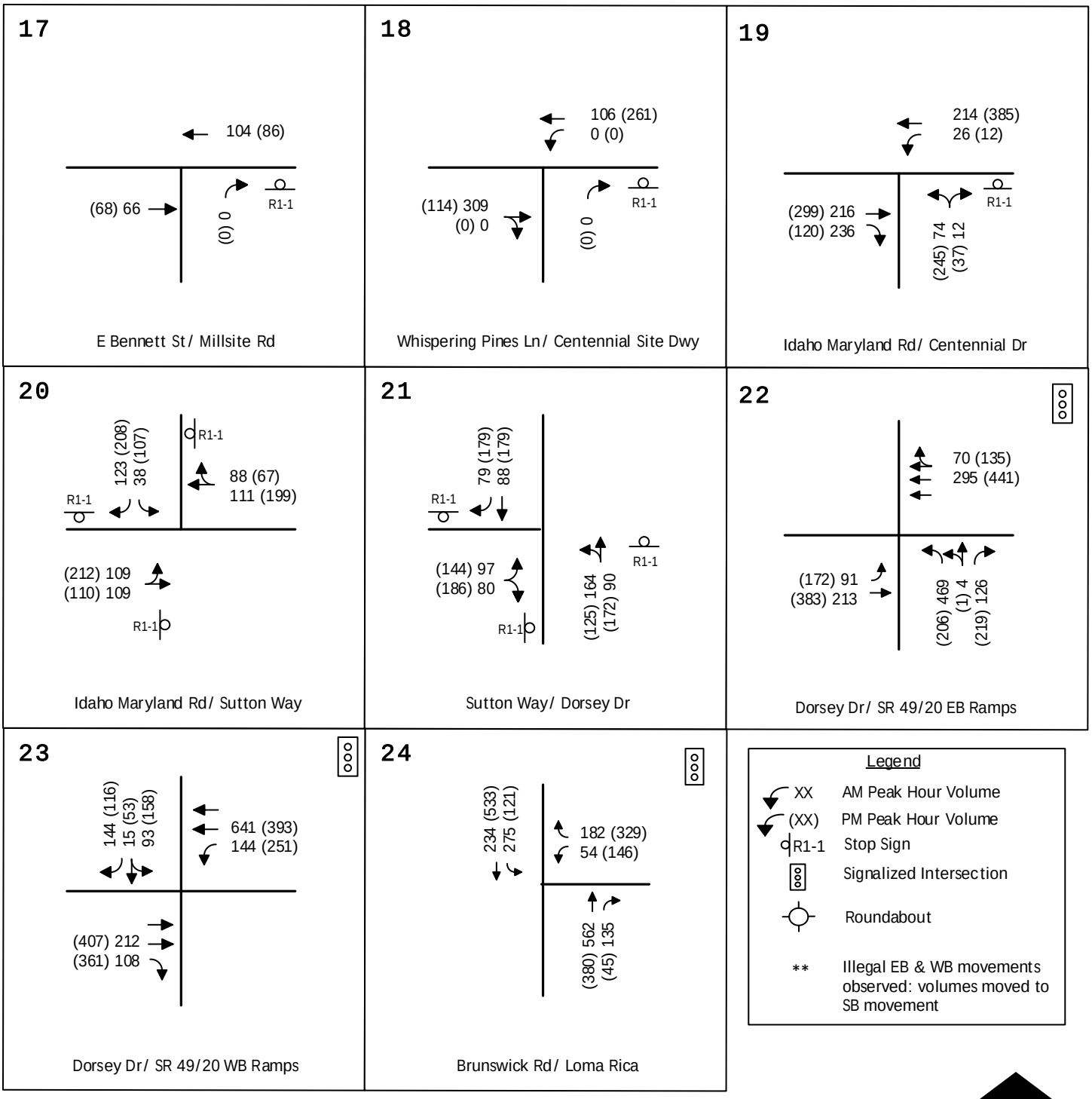


AM/PM PEAK HOURS EXISTING PLUS APPROVED PROJECT
TRAFFIC VOLUMES AND LANE CONFIGURATIONS

KD Anderson & Associates, Inc.
Transportation Engineers

5875-01 RA 4/25/2022

figure 5b

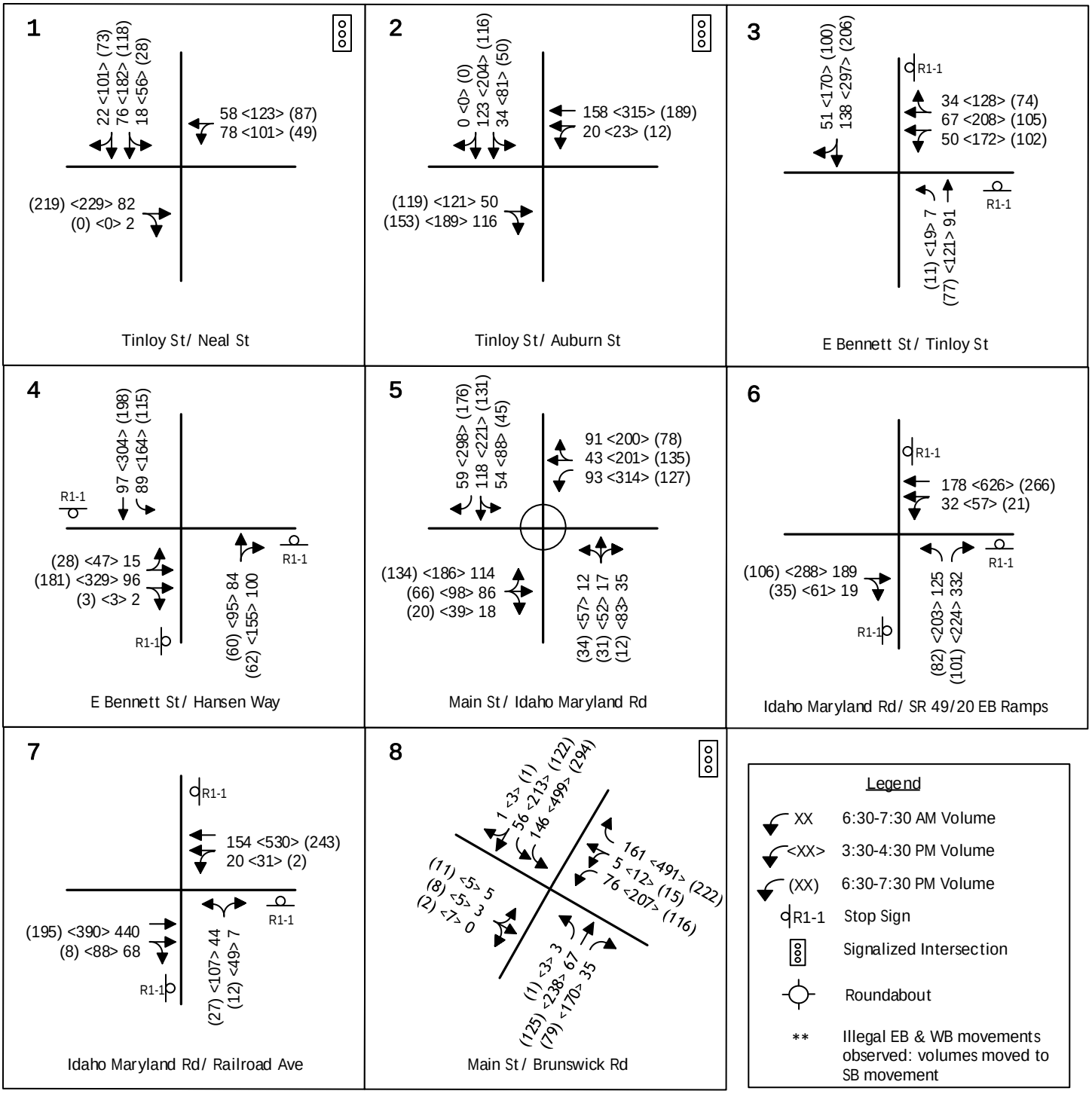


AM/PM PEAK HOURS EXISTING PLUS APPROVED PROJECT
TRAFFIC VOLUMES AND LANE CONFIGURATIONS

KD Anderson & Associates, Inc.
Transportation Engineers

5875-01 RA 4/25/2022

figure 5c

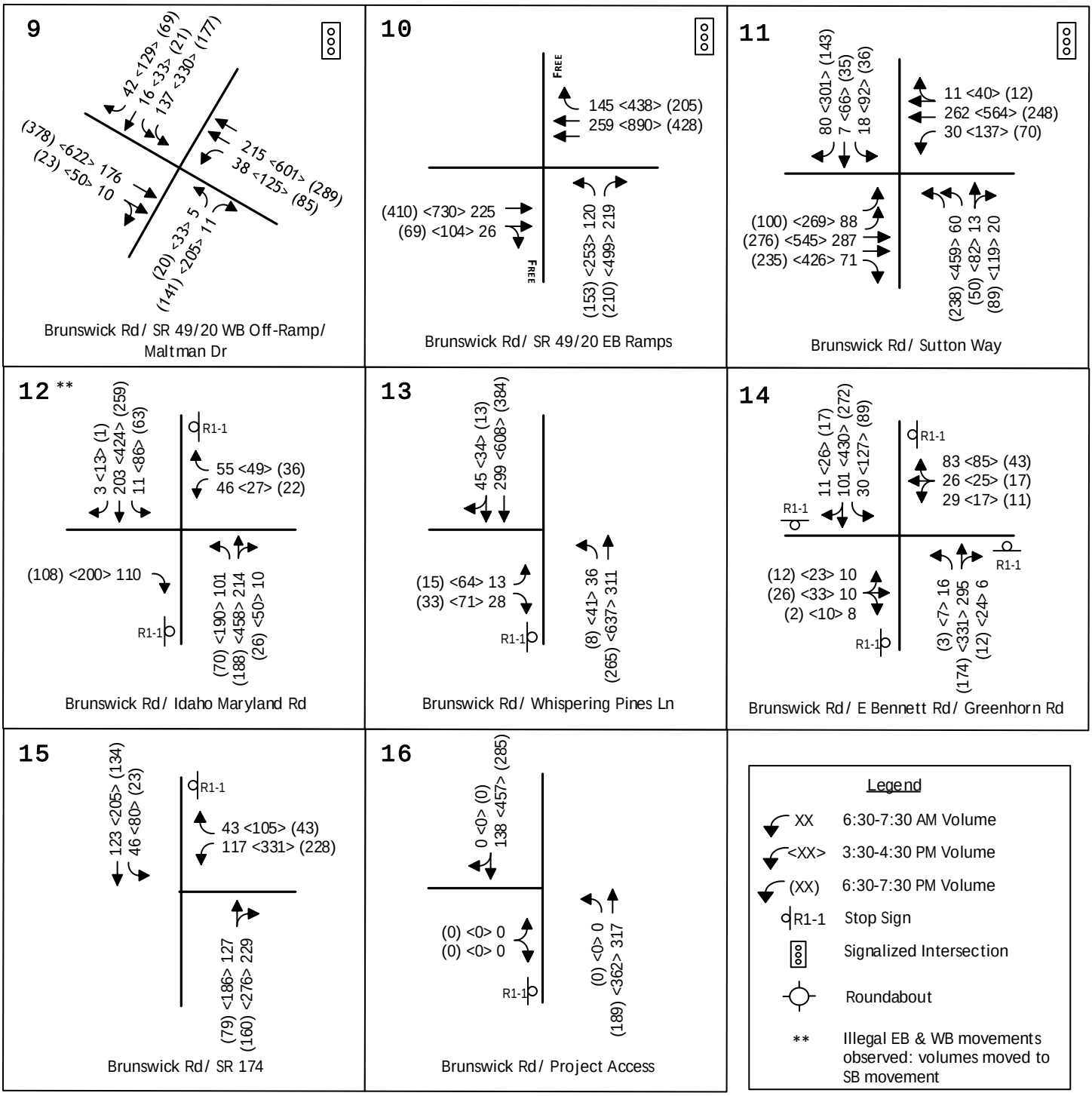


PROJECT TRAFFIC HOURS
EXISTING PLUS APPROVED PROJECT
TRAFFIC VOLUMES AND LANE CONFIGURATIONS

KD Anderson & Associates, Inc.
Transportation Engineers

5875-01 RA 4/25/2022

figure 5d

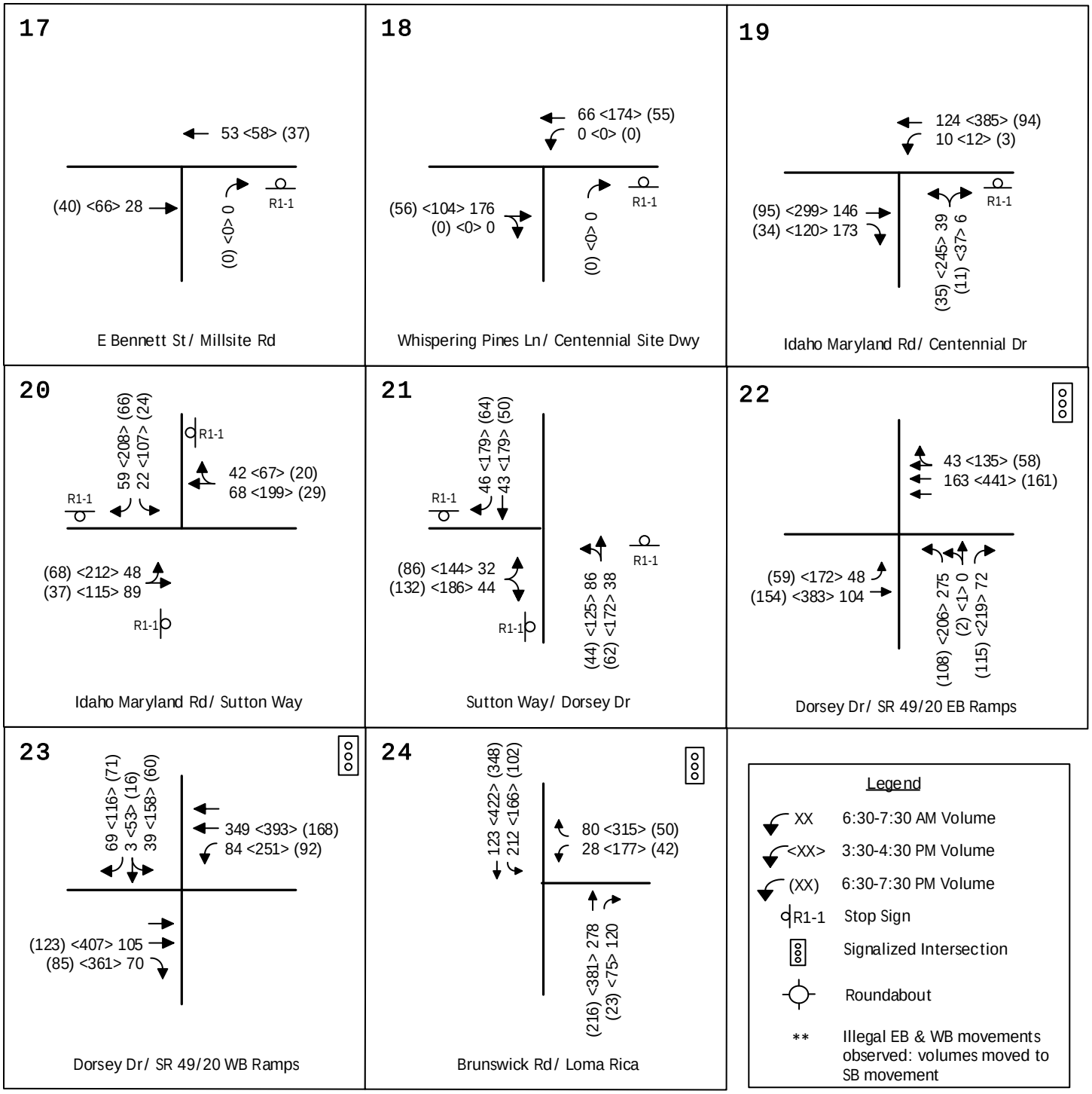


PROJECT TRAFFIC HOURS
EXISTING PLUS APPROVED PROJECT
TRAFFIC VOLUMES AND LANE CONFIGURATIONS

KD Anderson & Associates, Inc.
Transportation Engineers

5875-01 RA 4/25/2022

figure 5e



PROJECT TRAFFIC HOURS
EXISTING PLUS APPROVED PROJECT
TRAFFIC VOLUMES AND LANE CONFIGURATIONS

KD Anderson & Associates, Inc.
Transportation Engineers

5875-01 RA 4/25/2022

figure 5f

TABLE 7A
EPAP LEVELS OF SERVICE AT INTERSECTIONS
(PEAK HOURS)

Location	Control	EPAP AM Peak Hour		EPAP PM Peak Hour		Meets Peak Hour Warrant?
		LOS	Average Delay	LOS	Average Delay	
1. Neal St / Tinloy St ‡◊	Signal	B	12.6	B	11.5	N/A
2. S. Auburn St / Tinloy St ‡◊	Signal	A	9.8	B	10.5	N/A
3. E. Bennett Rd / Tinloy St – SR 49 WB Off-Ramp ‡◊	SB / WB Stop	A	6.1	A	7.4	Yes
4. E. Bennett Rd / Hansen Way – SR 49 EB On-Ramp ‡◊	AWS	C	19.7	C	15.9	No
5. E. Main St / Idaho Maryland Rd - SR 49 WB Ramps ‡◊	Roundabout	A	7.6	A	7.3	N/A
6. Idaho Maryland Rd / SR 49 EB Ramps ‡◊	AWS	D	25.8	**E**	**35.1**	Yes
7. Idaho Maryland Rd / Railroad Ave ‡◊	AWS	B	14.0	C	21.5	No
8. E. Main St / Brunswick Rd – W. Olympia Dr ‡Δ	Signal	A	9.9	B	15.0	N/A
9. Brunswick Rd / SR 49 WB Off-Ramp – Maltman Dr ‡♦	Signal	B	17.3	C	21.3	N/A
10. Brunswick Rd / SR 49 EB Ramps ‡▲	Signal	B	13.0	B	13.5	N/A
11. Brunswick Rd / Sutton Way ‡▲	Signal	B	12.6	C	24.0	N/A
12. Brunswick Rd / Idaho Maryland Rd ‡● NB Left SB Left EB WB	EB/WB Stop	 A A B **F**	 8.9 8.5 12.1 **100.8**	 A A B **F**	 9.4 8.9 14.7 **90.7**	Yes
13. Brunswick Rd / Whispering Pines Ln ‡● NB Left EB	EB Stop	 A B	 9.0 12.8	 A C	 9.3 17.1	Yes
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd †●	AWS	D	31.5	C	23.6	Yes
15. Brunswick Rd / SR 174 †● SB EB Left	SB Stop	 C A	 17.1 8.1	 **F** A	 **78.6** 7.9	Yes

AWS – all way stop
Bold indicates intersection operates below threshold

† Nevada County
‡Grass Valley

TABLE 7A (continued)
EPAP LEVELS OF SERVICE AT INTERSECTIONS
(PEAK HOURS)

Location	Control	EPAP AM Peak Hour		EPAP PM Peak Hour		Meets Peak Hour Warrant?
		LOS	Average Delay	LOS	Average Delay	
16. Brunswick Rd / Project Driveway †●	EB Stop	Not Studied				
17. E. Bennett Rd / Millsite Rd †●	NB Stop	Not Studied				
18. Whispering Pines Ln / Centennial Site Driveway ‡◊	NB Stop	Not Studied				
19. Idaho Maryland Rd / Centennial Dr ‡Δ NB WB Left	NB Stop	 B A	 13.0 8.4	 **F** A	 **100.9** 8.5	Yes
20. Idaho Maryland Rd /Sutton Way ‡Δ	AWS	A	9.7	B	13.9	No
21. Sutton Way / Dorsey Dr ‡Δ	AWS	A	8.9	C	15.6	No
22. Dorsey Dr / SR 49 EB Ramps ‡Δ	Signal	B	15.0	B	13.6	N/A
23. Dorsey Dr / SR 49 WB Ramps ‡Δ	Signal	B	10.0	B	15.5	N/A
24. Brunswick Rd / Loma Rica Dr†□	Signal	C	20.3	B	14.2	N/A

AWS – all way stop
Bold indicates intersection operates below threshold
† Nevada County
‡Grass Valley

◊ 8:00 – 9:00 a.m. / 4:30 – 5:30 p.m.
♦ 8:00 – 9:00 a.m. / 4:15 – 5:15 p.m.
● 7:45 – 8:45 a.m. / 4:30 – 5:30 p.m.

Δ 8:00 – 9:00 a.m. / 3:30 – 5:30 p.m.
▲ 8:00 – 9:00 a.m. / 3:45 – 4:45 p.m.
□ 8:00 – 9:00 a.m. / 5:00 – 6:00 p.m.

TABLE 7B
EPAP LEVELS OF SERVICE AT INTERSECTIONS
(PROJECT TRAFFIC HOURS)

Location	Control	EPAP 6:30 – 7:30 AM		EPAP 3:30 – 4:30 PM		EPAP 6:30 – 7:30 PM		Meets Peak Hour Warrant?
		LOS	Average Delay	LOS	Average Delay	LOS	Average Delay	
1. Neal St / Tinloy St ‡	Signal	A	4.8	A	8.4	A	7.0	N/A
2. S. Auburn St / Tinloy St ‡	Signal	A	6.3	A	8.7	A	6.9	N/A
3. E. Bennett Rd / Tinloy St – SR 49 WB Off-Ramp ‡	SB / WB Stop	A	3.8	A	6.4	A	4.2	Yes*
4. E. Bennett Rd / Hansen Way – SR 49 EB On-Ramp ‡	AWS	A	9.3	B	15.2	B	10.2	No
5. E. Main St / Idaho Maryland Rd - SR 49 WB Ramps ‡	Roundabout	A	4.7	A	6.8	A	4.4	N/A
6. Idaho Maryland Rd / SR 49 EB Ramps ‡	AWS	C	15.9	C	24.4	B	10.2	Yes*
7. Idaho Maryland Rd / Railroad Ave ‡	AWS	B	11.4	C	17.8	A	9.1	No
8. E. Main St / Brunswick Rd – W. Olympia Dr ‡	Signal	A	5.7	B	13.6	A	9.1	N/A
9. Brunswick Rd / SR 49 WB Off-Ramp – Maltman Dr ‡	Signal	B	16.5	B	19.5	B	16.3	N/A
10. Brunswick Rd / SR 49 EB Ramps ‡	Signal	A	8.7	B	13.4	A	9.0	N/A
11. Brunswick Rd / Sutton Way ‡	Signal	A	5.2	C	21.5	A	9.6	N/A
12. Brunswick Rd / Idaho Maryland Rd ‡								
NB Left	EB/WB Stop	A	8.2	A	9.1	A	8.0	Yes*
SB Left		A	7.8	A	8.8	A	7.9	
EB		B	10.6	B	14.2	B	10.8	
WB		C	18.1	**F**	**83.7**	C	15.3	
13. Brunswick Rd / Whispering Pines Ln ‡								
NB Left	EB Stop	A	8.4	A	9.1	A	8.3	Yes*
EB		B	10.9	B	14.5	B	10.6	
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd †	AWS	B	11.0	C	19.6	B	11.0	Yes*
15. Brunswick Rd / SR 174 †								
SB	SB Stop	B	12.5	**E**	**36.3**	B	12.6	Yes*
EB Left		A	7.7	A	7.8	A	7.4	

AWS – all way stop
* meets warrant in 3:30 p.m. hour
† Nevada County
Bold indicates intersection operates below threshold
‡Grass Valley

TABLE 7B (continued)
EPAP LEVELS OF SERVICE AT INTERSECTIONS
(PROJECT TRAFFIC HOURS)

Location	Control	EPAP 6:30 – 7:30 AM		EPAP 3:30 – 4:30 PM		EPAP 6:30 – 7:30 PM		Meets Peak Hour Warrant?
		LOS	Average Delay	LOS	Average Delay	LOS	Average Delay	
16. Brunswick Rd / Project Driveway †	EB Stop	Not Studied						
17. E. Bennett Rd / Millsite Rd †	NB Stop	Not Studied						
18. Whispering Pines Ln / Centennial Site Driveway ‡	NB Stop	Not Studied						
19. Idaho Maryland Rd / Centennial Dr ‡ NB WB Left	NB Stop	B A	11.3 8.2	**F** A	**100.9** 8.5	B A	10.2 7.6	No
20. Idaho Maryland Rd /Sutton Way ‡	AWS	A	8.2	B	14.0	A	8.1	No
21. Sutton Way / Dorsey Dr ‡	AWS	A	8.1	C	15.6	A	9.2	No
22. Dorsey Dr / SR 49 EB Ramps ‡	Signal	A	9.3	B	13.7	A	8.2	N/A
23. Dorsey Dr / SR 49 WB Ramps ‡	Signal	A	6.2	B	14.9	A	7.4	N/A
24. Brunswick Rd / Loma Rica Dr†	Signal	B	12.0	B	14.6	A	8.4	N/A

AWS – all way stop
Bold indicates intersection operates below threshold
† Nevada County
‡Grass Valley

Intersection Queues. Tables 8A and 8B present information regarding queuing at each study intersection under EPAP conditions. 95th percentile queues with lengths exceeding the available storage are highlighted. The 95th percentile queue exceeds available storage in 19 locations at 13 intersections. The intersections of Neal Street at Tinloy Street and Tinloy Street at S. Auburn Street have queues that exceed the available storage and back up through the adjacent intersection. Similar conditions also exist at the westbound approach of the Idaho Maryland Road / SR 49 EB Ramps intersection and the eastbound approach of Brunswick Road at SR 49 Westbound Off-Ramp - Maltman Drive intersection. It is assumed that one additional vehicle (25') can store in the available left or right turn taper and this occurs at three locations. The westbound left turn lane at the Brunswick Road / Loma Rica Drive intersection will continue to have a queue exceeding the turn lane length. Based on the intersection LOS, it is expected that the queue will dissipate each signal cycle.

TABLE 8A
EPAP QUEUES
(PEAK HOURS)

Location	Length*	AM Peak Hour Queue (feet)	PM Peak Hour Queue (feet)
1. Neal St / Tinloy St			
EB	70	113	119
WB	150	226	185
2. S. Auburn St / Tinloy St			
NB through	80	144	154
NB through-left	80	91	77
SB	75	104	140
WB	95	110	120
3. E. Bennett Rd / Tinloy St – SR 49 WB Off-Ramp			
NB left turn	60	32	43
NB through	150	66	65
4. E. Bennett Rd / Hansen Way – SR 49 EB On-Ramp			
SB left turn	60	33	40
SB through	150	65	110
5. E. Main St / Idaho Maryland Rd - SR 49 WB Ramps			
NB	---	28	28
SB	---	36	44
EB	---	91	59
WB	---	54	79
6. Idaho Maryland Rd / SR 49 EB Ramps			
NB right	---	225	70
NB left	355	100	50
WB	90	88	368
7. Idaho Maryland Rd / Railroad Ave			
EB	90	115	100

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches Queuing distances based on stochastic modeling

TABLE 8A (continued)
EPAP QUEUES
(PEAK HOURS)

Location	Length*	AM Peak Hour Queue (feet)	PM Peak Hour Queue (feet)
8. E. Main St / Brunswick Rd – W. Olympia Dr			
NB left	110	---	28
NB right	125	74	137
SB left (2 lanes)	355	110	196
WB left (2 lanes)	150	90	91
WB right	150	99	159
9. Brunswick Rd / SR 49 WB Off-Ramp – Maltman Dr			
NB left	100	50	83
NB right	100	73	162
SB left (2 lanes)	260	176	209
SB right	260	65	84
EB	160	142	212
WB left	145	101	100
10. Brunswick Rd / SR 49 EB Ramps			
NB left	200	235	222
NB right	---	221	246
11. Brunswick Rd / Sutton Way			
NB left (2 lanes)	280	104	278
SB left	190	71	123
SB right	180	---	---
EB left (2 lanes)	185	87	140
EB right	250	103	177
WB left	125	95	170
12. Brunswick Rd / Idaho Maryland Rd			
NB left	540	<25	<25
SB left	120	<25	<25
EB right	---	25	43
WB left	60	133	73
13. Brunswick Rd / Whispering Pines Ln			
NB left	210	<25	<25
EB left	110	<25	30
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd			
NB left	225	<25	<25
SB left	260	<25	28
EB	---	<25	<25
WB	---	70	28

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 8A (continued)
EPAP QUEUES
(PEAK HOURS)

Location	Length*	AM Peak Hour Queue (feet)	PM Peak Hour Queue (feet)
15. Brunswick Rd / SR 174			
SB left	90	53	363
EB left	130	<25	<25
19. Idaho Maryland Rd / Centennial Dr			
NB	---	<25	315
WB left	130	<25	<25
20. Idaho Maryland Rd /Sutton Way			
SB right	90	<25	45
SB left	---	<25	<25
ÈB	---	38	95
WB	---	30	63
21. Sutton Way / Dorsey Dr			
SB right	120	<25	38
SB thru	---	<25	43
NB	---	25	98
EB	---	<25	110
22. Dorsey Dr / SR 49 EB Ramps			
NB Left (2 lanes)	215	207	109
NB right	215	93	95
EB left	180	98	153
23. Dorsey Dr / SR 49 EB Ramps			
SB right	400	72	64
SB left-thru	400	108	161
EB right	155	80	202
WB left	180	126	186
24. Brunswick Rd / Loma Rica Dr			
NB right	410	33	<25
SB left	400	233	103
WB left	100	59	127

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 8B
EPAP QUEUES
(PROJECT TRAFFIC HOURS)

Location	Length*	EPAP 6:30 – 7:30 AM Queue (feet)	EPAP 3:30 – 4:30 PM Queue (feet)	EPAP 6:30 – 7:30 PM Queue (feet)
1. Neal St / Tinloy St				
EB	70	67	105	99
WB	150	86	139	95
2. S. Auburn St / Tinloy St				
NB through	80	78	115	78
NB through-left	80	55	76	53
SB	75	78	109	101
WB	95	84	99	79
3. E. Bennett Rd / Tinloy St – SR 49 WB Off-Ramp				
NB left turn	60	27	41	31
NB through	150	46	54	47
4. E. Bennett Rd / Hansen Way – SR 49 EB On-Ramp				
SB left turn	60	<25	38	<25
SB through	150	<25	95	35
5. E. Main St / Idaho Maryland Rd - SR 49 WB Ramps				
NB	---	<25	26	<25
SB	---	<25	49	<25
EB	---	30	58	28
WB	---	<25	53	26
6. Idaho Maryland Rd / SR 49 EB Ramps				
NB right	---	133	63	<25
NB left	355	33	63	<25
WB	90	33	220	35
7. Idaho Maryland Rd / Railroad Ave				
EB	90	80	98	<25
8. E. Main St / Brunswick Rd – W. Olympia Dr				
NB left	110	<25	<25	<25
NB right	125	44	122	58
SB left (2 lanes)	355	65	175	105
WB left (2 lanes)	150	40	92	62
WB right	150	49	155	77
9. Brunswick Rd / SR 49 WB Off-Ramp – Maltman Dr				
NB left	100	<25	63	55
NB right	100	30	123	76
SB left (2 lanes)	260	126	197	138
SB right	260	47	84	55
EB	160	59	201	133
WB left	145	62	106	90

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 8B (continued)
EPAP QUEUES
(PROJECT TRAFFIC HOURS)

Location	Length*	EPAP 6:30 – 7:30 AM Queue (feet)	EPAP 3:30 – 4:30 PM Queue (feet)	EPAP 6:30 – 7:30 PM Queue (feet)
10. Brunswick Rd / SR 49 EB Ramps				
NB left	200	153	224	182
NB right	---	113	243	85
11. Brunswick Rd / Sutton Way				
NB left (2 lanes)	280	53	253	119
SB left	190	42	104	58
SB right	180	---	---	---
EB left (2 lanes)	185	55	133	69
EB right	250	48	157	84
WB left	125	44	142	72
12. Brunswick Rd / Idaho Maryland Rd				
NB left	540	<25	<25	<25
SB left	120	<25	<25	<25
EB right	---	<25	40	<25
WB left	60	25	68	<25
13. Brunswick Rd / Whispering Pines Ln				
NB left	210	<25	<25	<25
EB left	110	<25	<25	<25
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd				
NB left	225	<25	<25	<25
SB left	260	<25	<25	<25
EB	---	<25	<25	<25
WB	---	<25	<25	<25
15. Brunswick Rd / SR 174				
SB left	90	25	205	43
EB left	130	<25	<25	<25
19. Idaho Maryland Rd / Centennial Dr				
NB	---	<25	318	<25
WB left	130	<25	<25	<25
20. Idaho Maryland Rd /Sutton Way				
SB right	90	<25	45	<25
SB left	---	<25	<25	<25
EB	---	<25	98	<25
WB	---	<25	63	<25

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 8B (continued)
EPAP QUEUES
(PROJECT TRAFFIC HOURS)

Location	Length*	EPAP 6:30 – 7:30 AM Queue (feet)	EPAP 3:30 – 4:30 PM Queue (feet)	EPAP 6:30 – 7:30 PM Queue (feet)
21. Sutton Way / Dorsey Dr				
SB right	120	<25	38	<25
SB thru	---	<25	43	<25
NB	---	<25	98	<25
EB	---	<25	110	40
22. Dorsey Dr / SR 49 EB Ramps				
NB Left (2 lanes)	215	112	104	56
NB right	215	41	98	48
EB left	180	60	155	56
23. Dorsey Dr / SR 49 EB Ramps				
SB right	400	50	58	48
SB left-thru	400	53	154	67
EB right	155	36	199	41
WB left	180	81	184	84
24. Brunswick Rd / Loma Rica Dr				
NB right	410	32	26	<25
SB left	400	137	135	65
WB left	100	33	163	36

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

EPAP Roadway Segment Levels of Service. Table 9 summarizes the Levels of Service based on the EPAP traffic volumes on study area roads with the existing roadway configuration. All segments along Brunswick Road and E. Bennett Road will continue to operate at LOS D or better while the SR 174 segment will continue to operate at LOS E. The SR 174 segment exceeds the LOS C threshold in both directions.

TABLE 9
EPAP ROADWAY SEGMENT LEVELS OF SERVICE

Roadway	Location	Facility Classification	ATS/PTSF/LOS EPAP PM Peak Hour
Brunswick Rd	SR 49 to Whispering Pines Ln	Class I Highway	
	NB		31.5 / 76.4 / D
	SB		31.4 / 77.1 / D
	Whispering Pines Ln to E. Bennett Rd	Class I Highway	
	NB		37.1 / 67.7 / C
	SB		36.3 / 82.9 / D
	E. Bennett Rd to Project Driveway	Class I Highway	
	NB		35.6 / 61.7 / C
	SB		35.5 / 78.1 / C
	Project Driveway to SR 174	Class I Highway	
	NB		33.9 / 67.4 / C
	SB		33.2 / 80.9 / D
E. Bennett Rd	Project Driveway to Brunswick Rd	Class III Highway	
	EB		35.0 / 36.1 / B
	WB		35.9 / 52.7 / B
SR 174	Brunswick Rd to Empire St	Class I Highway	
	EB		**30.3 / 59.8 / E**
	WB		**29.3 / 76.9 / E**

ATS – average travel speed
PTSF – percent time spent following
LOS – level of service
Bold indicates LOS threshold exceeded

V. PROJECT CHARACTERISTICS

The development of the Idaho Maryland Mine project will attract traffic to the project site. The amount of additional traffic on a particular section of the street network is dependent upon two factors:

- Trip Generation, the number of new trips generated by the project, and
- Trip Distribution and Assignment, the specific routes that the new traffic takes.

V.1. Trip Generation

Trip generation is determined by identifying the type and size of land use being developed. Recognized sources of trip generation data may then be used to calculate the total number of trip ends resulting from the day to day operation of the project.

The *Trip Generation Manual* (Institute of Transportation Engineers, 10th Edition, 2017) is often used to calculate project trips for more common land use codes. However, this publication does not have trip generation data for mining operations. Instead, the project trip generation was developed based on projected employment rates, projected truck trips for hauling engineered fill and mining concentrate off site, and projected material and supply deliveries.

Rise anticipates employing approximately 312 direct employees during full mining operations, as detailed in Table 10. At full operations, approximately 44 employees will work regular 8-hour days, 5 days per week, and approximately 268 employees will work 12-hour shifts, 7 days on and 7 days off. Shift change for 12-hour employees will be 7 a.m. and 7 p.m. Work shifts for 8-hour employees will be from 7 a.m. to 3:30 p.m.

The Brunswick site will generate a maximum of 174 employee trips per day while the Centennial site will generate a maximum of 4 employee trips per day. The employee trip generation is shown in the top of Table 12.

TABLE 10
OPERATIONS WORKFORCE & HOURS OF OPERATION

Workforce	Shift	Total Employees
Administrative Personnel: Management, technical, construction, administrative staff	8 hours a day,5 days a week 7:00 a.m. – 3:30 p.m.	40
Mining Operations: Underground mining, mineral processing, engineered fill transport staff	12 hours a day, 7 days on, 7 days off 7:00 a.m. – 7:00 p.m. & 7:00 p.m. – 7:00 a.m.	268
Grading Operations: Centennial* or Brunswick Industrial Site – placement and compaction of engineered fill	8 hours a day, 5 days per week 7:00 a.m. – 3:30 p.m.	4
	TOTAL WORKFORCE	**312**
* Staffing at the Centennial site is projected to occur over an approximate five-year span within the analysis.		

In addition to employee traffic, the Idaho-Maryland Mine project will result in daily operational truck traffic, including but not limited to engineering fill trucking, concentrate trucking, and materials and supplies deliveries, and ancillary vehicle traffic to support operations. The truck traffic, hours, and projected trip generation are detailed in Table 11. The total maximum number of two-way truck trips is 118 trucks, with 236 total daily trips made, one inbound and one outbound.

TABLE 11
PROJECT TRUCK TRAFFIC & HOURS

Truck Traffic	Hours	Maximum Daily Trips	Average Daily Trips
Brunswick Site			
Engineered Fill	6:00 a.m. – 10:00 p.m. 7 days a week	100	50
Concentrate	6:00 a.m. – 10:00 p.m. 7 days a week	5	1
Materials / Supplies / Outside services	7:00 a.m. – 7:00 p.m. 7 days a week	12	6
Centennial Site			
Fuel Supplies	7:00 a.m. – 3:30 p.m. 5 days a week	1	0.3
	TOTAL TWO-WAY TRIPS (One-Way Trips)	**118 (236)**	**57.3 [rounded 58] (114.6) [rounded 115]**
NOTES: 1. Traffic analysis studies the worst-case scenario of maximum daily trips and with hours of operation as shown in Table 10.			

As discussed previously, a.m. and p.m. periods were analyzed during the "standard" peak of adjacent street traffic, generally from 7:00 a.m. to 9:00 a.m. and 4:00 p.m. to 6:00 p.m., and at the three time periods when project employee trips are expected to occur based on actual proposed work schedules. Table 12 presents the projected trip generation for the project during the five analysis periods, considering the worst-case scenarios for both Brunswick and Centennial sites.

For purposes of a worst-case analysis, the County requested that a worst-case scenario be analyzed, assuming the project traffic occurred during the "standard" peak hours. However, as noted, the project schedule intends to have employees commute during off-peak hours, as previously described.

As noted, the Centennial site is expected to be an active site with delivery of engineered fill occurring for a period of approximately 5 years. The engineered fill is projected to be delivered to construction sites accessible from SR 49 for the remaining 15 years of the analysis. It is unknown which years will be used for each scenario; therefore, two scenarios were analyzed, with each scenario assumed to be active at build-out:

Scenario 1: Transporting of engineered fill to the Centennial Industrial site.
Scenario 2: Transporting of engineered fill to construction sites accessible via SR 49/20.

TABLE 12
TRIP GENERATION

	Employee Trips (Hourly)									
	AM Peak Hour		PM Peak Hour		6:30 – 7:30 AM		3:30 – 4:30 PM		6:30 -7:30 PM	
	In	Out	In	Out	In	Out	In	Out	In	Out
Brunswick Site										
AM Peak Hour	107*	67‡								
PM Peak Hour			67‡	107*						
7:00 AM Shift Change M-F					107*	67‡				
3:30 PM End of Administrative Day M-F							0	40†		
6:30 PM Shift change M-F									67‡	67‡
Centennial Site										
AM Peak Hour	4	0								
PM Peak Hour			0	4						
7:00 AM Shift Change M-F					4	0				
3:30 PM End of Administrative Day M-F							0	4		
6:30 PM Shift change M-F									0	0
Total Trips - Employee Traffic	111	67	67	111	111	67	0	44	67	67
Haul Traffic										
Brunswick Site										
Engineered Fill ◊	8	8	8	8	8	8	8	8	8	8
Concentrate □	1	1	1	1	1	1	1	1	1	1
Materials / Supplies ⌂	2	2	2	2	2	2	2	2	2	2
Centennial Site										
Fuel Supplies Δ	1	1	1	1	1	1	1	1	1	1
Total Trips – Haul Traffic	12	12	12	12	12	12	12	12	12	12
Total Trips	***123***	***79***	***79***	***123***	***123***	***79***	***12***	***56***	***79***	***79***

Notes:
- Trip generation assumes worst case scenario. Daily operations workforce and truck traffic are detailed in Table 9 and Table 10.
- Brunswick site operational on weekends and generate 67 inbound / outbound trips at shift change

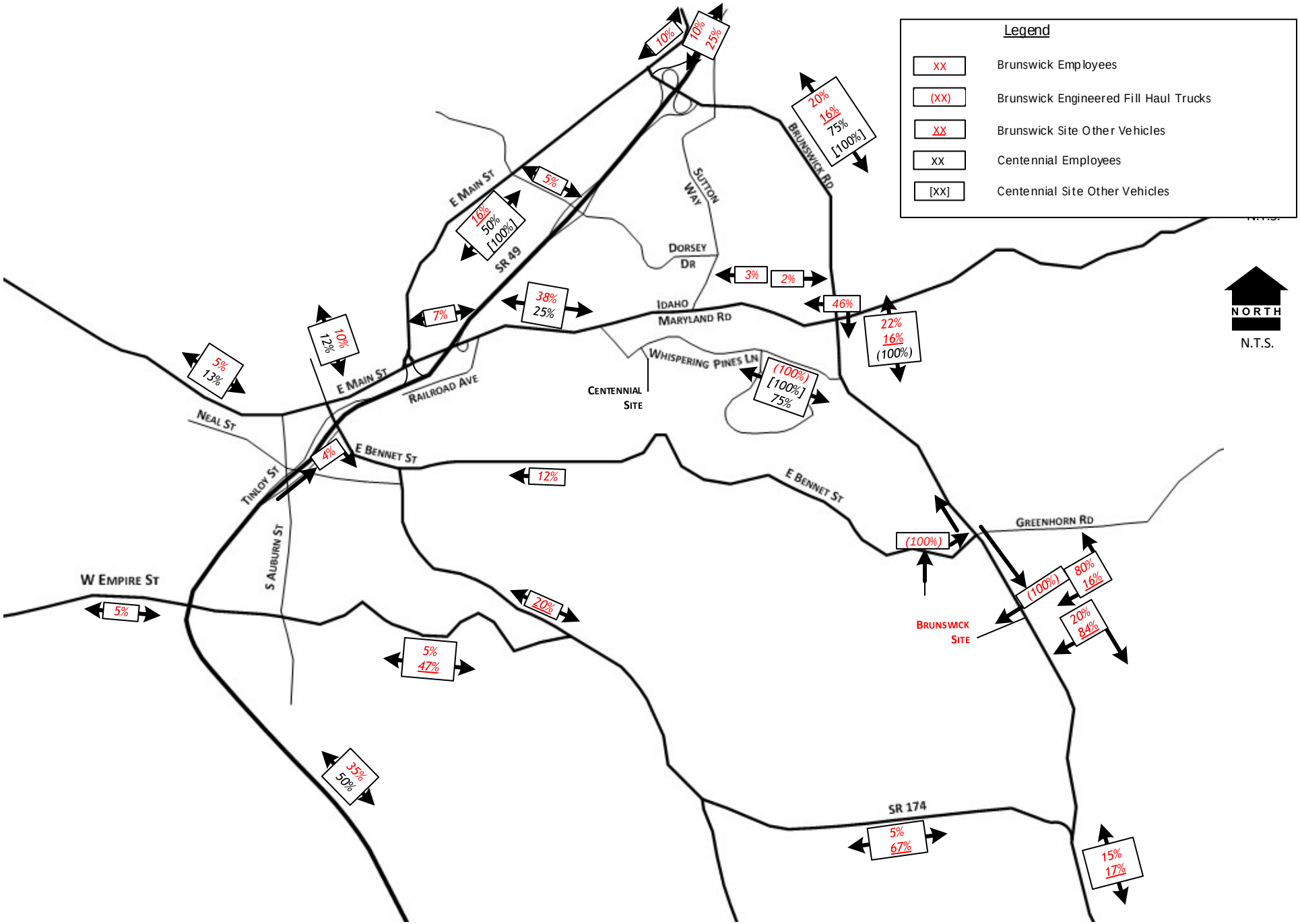
* includes mining and administrative operations ‡ includes mining operations † includes administrative operations
□ 5 round trips (10 one-way truck trips) / day averaged over 8-hour day (worst case) Δ 1 trip per day
⌂ 12 round trips (24 one-way truck trips) / day averaged over 8-hour day ◊ 100 roundtrips (200 truck trips) / day averaged over 1212 hours (worst case)

V.2. Trip Distribution & Assignment

The distribution of traffic was developed based on existing traffic patterns in the Grass Valley area and where employees may be expected to live. Engineered fill will be hauled to either the Centennial site or to off-site construction sites and mining concentrate will be shipped off-site via SR 49. Other trucks providing materials and supplies are expected to access the site from both SR 49 and SR 174. Trip distribution for the various trip elements are shown in Table 13. The trip distribution shown in Figure 6A considers hauling to the Centennial site while Figure 6B provides trip distribution to construction sites accessible via SR 49/20. Project traffic volumes are shown in Figures 7A through 7F with the Centennial site used for engineered fill and Figures 8A through 8F with engineered fill hauled to off-site construction locations. The project distribution was reviewed by both Nevada County and Grass Valley staff.

TABLE 13
PROJECT TRIP DISTRIBUTION

Route	% of Total Trips				
	Brunswick Site			Centennial Site (Scenario #1 only)	
	Employees	Engineered Fill Trucks	Other Vehicles	Employees	Other Vehicles
West to Grass Valley	15%	0%	0%	25%	0%
West on SR 174	5%	0%	67%	0%	0%
West on SR 49/20	0%	0%	16%	0%	0%
South to Auburn via SR 49	35%	0%	0%	0%	0%
South to Auburn via SR 174	15%	0%	17%	0%	0%
East on Nevada City Highway	10%	0%	0%	25%	0%
East on SR 49/20	10%	0%	0%	0%	0%
North to Loma Rica	5%	0%	0%	0%	0%
North to Grass Valley via Dorsey	5%	0%	0%	0%	0%
West on SR 49/20 (scenario #1)	0%	0%	0%	50%	100%
To Centennial Site (scenario #1)	0%	100%	0%	0%	0%
East on SR 49/20 (scenario #2)	0%	20%	0%	0%	0%
West on SR 49/20 (scenario#2)	0%	80%	0%	0%	0%
Total	100%	100%	100%	100%	100%



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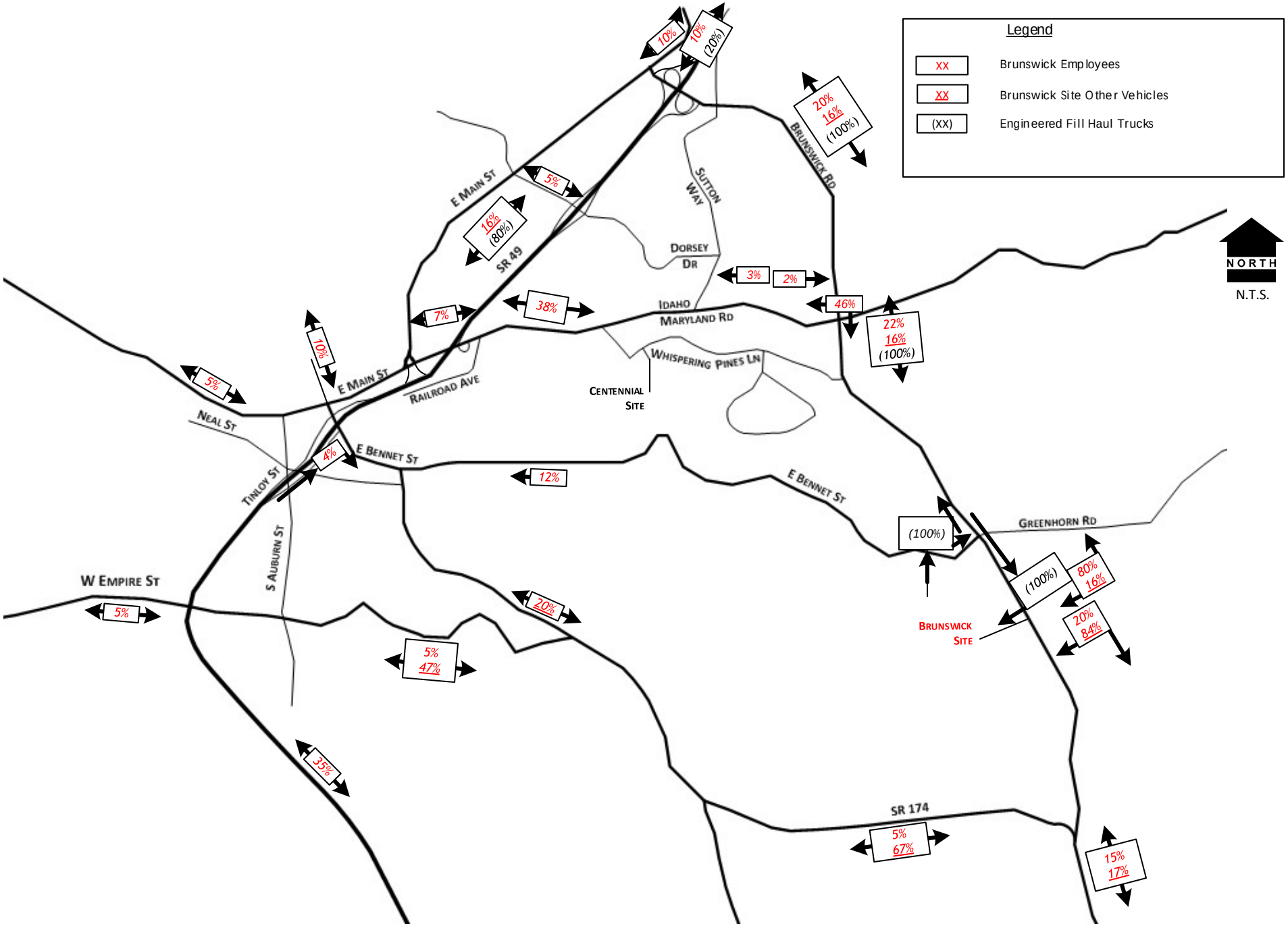
TRIP DISTRIBUTION PERCENTAGES
SCENARIO #1 - CENTENNIAL SITE

figure 6a



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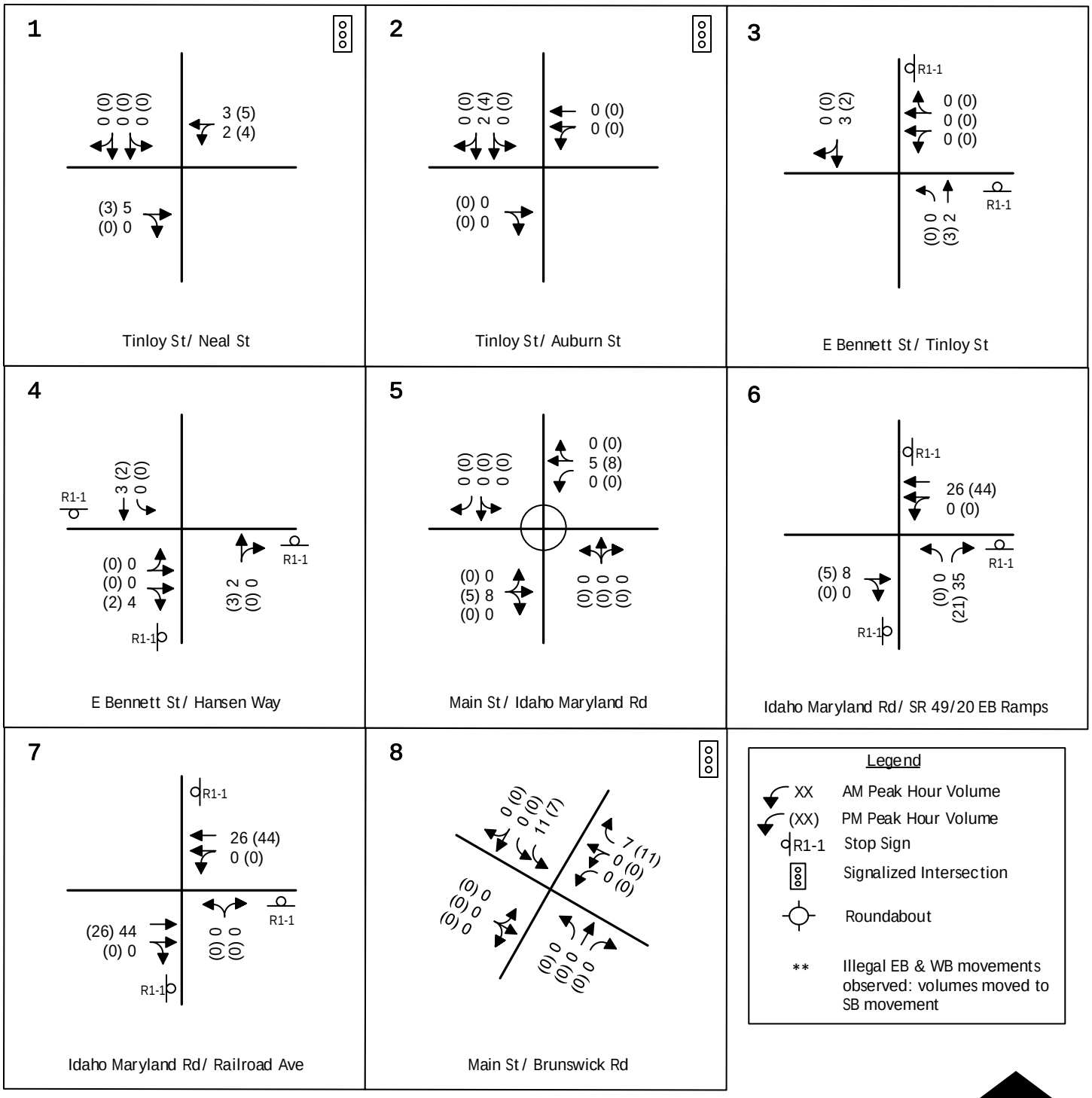
TRIP DISTRIBUTION PERCENTAGES

SCENARIO #2 - SR 49

figure 6b



AM/PM PEAK HOURS PROJECT TRIPS
TRAFFIC VOLUMES AND LANE CONFIGURATIONS
(TO CENTENNIAL SITE)

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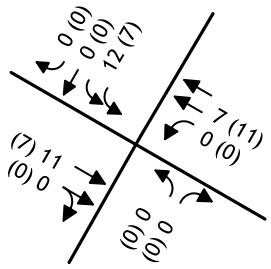
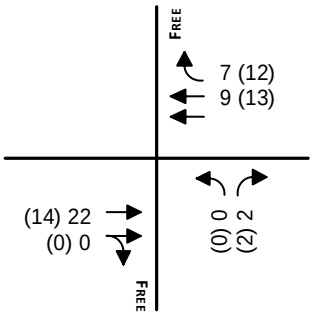
figure 7a

9



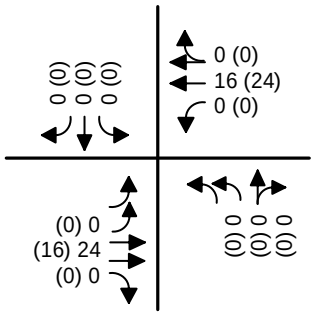
Brunswick Rd/ SR 49/20 WB Off-Ramp/ Maltman Dr

10



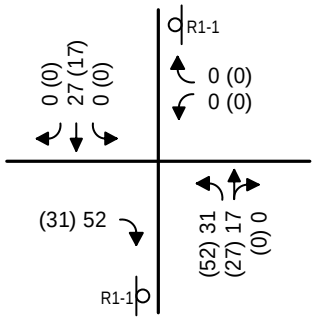
Brunswick Rd/ SR 49/20 EB Ramps

11



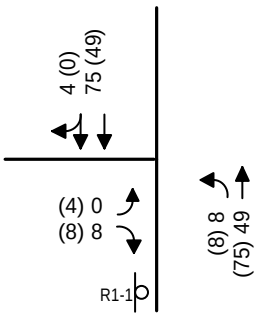
Brunswick Rd/ Sutton Way

12



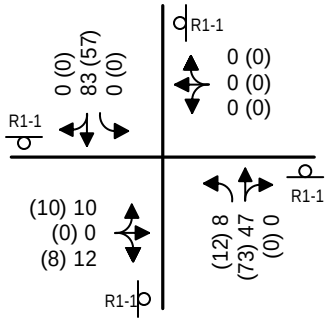
Brunswick Rd/ Idaho Maryland Rd

13



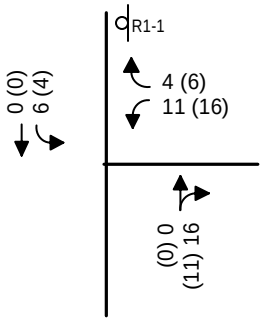
Brunswick Rd/ Whispering Pines Ln

14



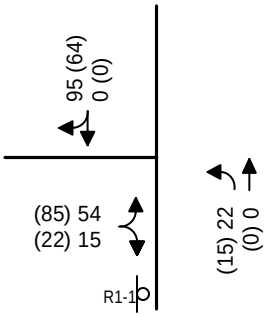
Brunswick Rd/ E Bennett Rd/ Greenhorn Rd

15



Brunswick Rd/ SR 174

16



Brunswick Rd/ Project Access

Legend

XX	AM Peak Hour Volume
(XX)	PM Peak Hour Volume
R1-1	Stop Sign
	Signalized Intersection
	Roundabout
**	Illegal EB & WB movements observed: volumes moved to SB movement

NORTH

N.T.S.

AM/PM PEAK HOURS PROJECT TRIPS
TRAFFIC VOLUMES AND LANE CONFIGURATIONS
(TO CENTENNIAL SITE)

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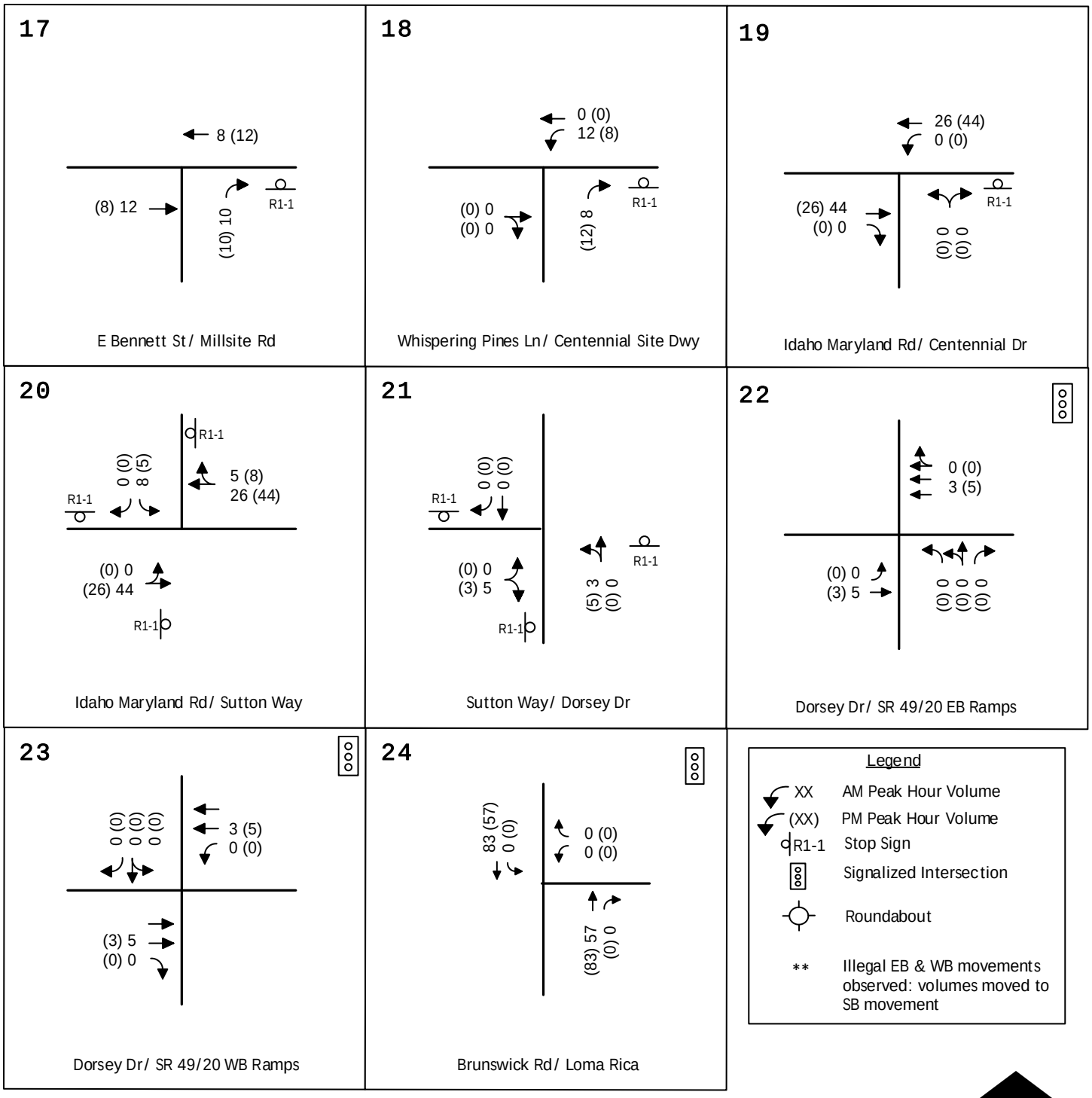
figure 7b



AM/PM PEAK HOURS PROJECT TRIPS
TRAFFIC VOLUMES AND LANE CONFIGURATIONS
(TO CENTENNIAL SITE)

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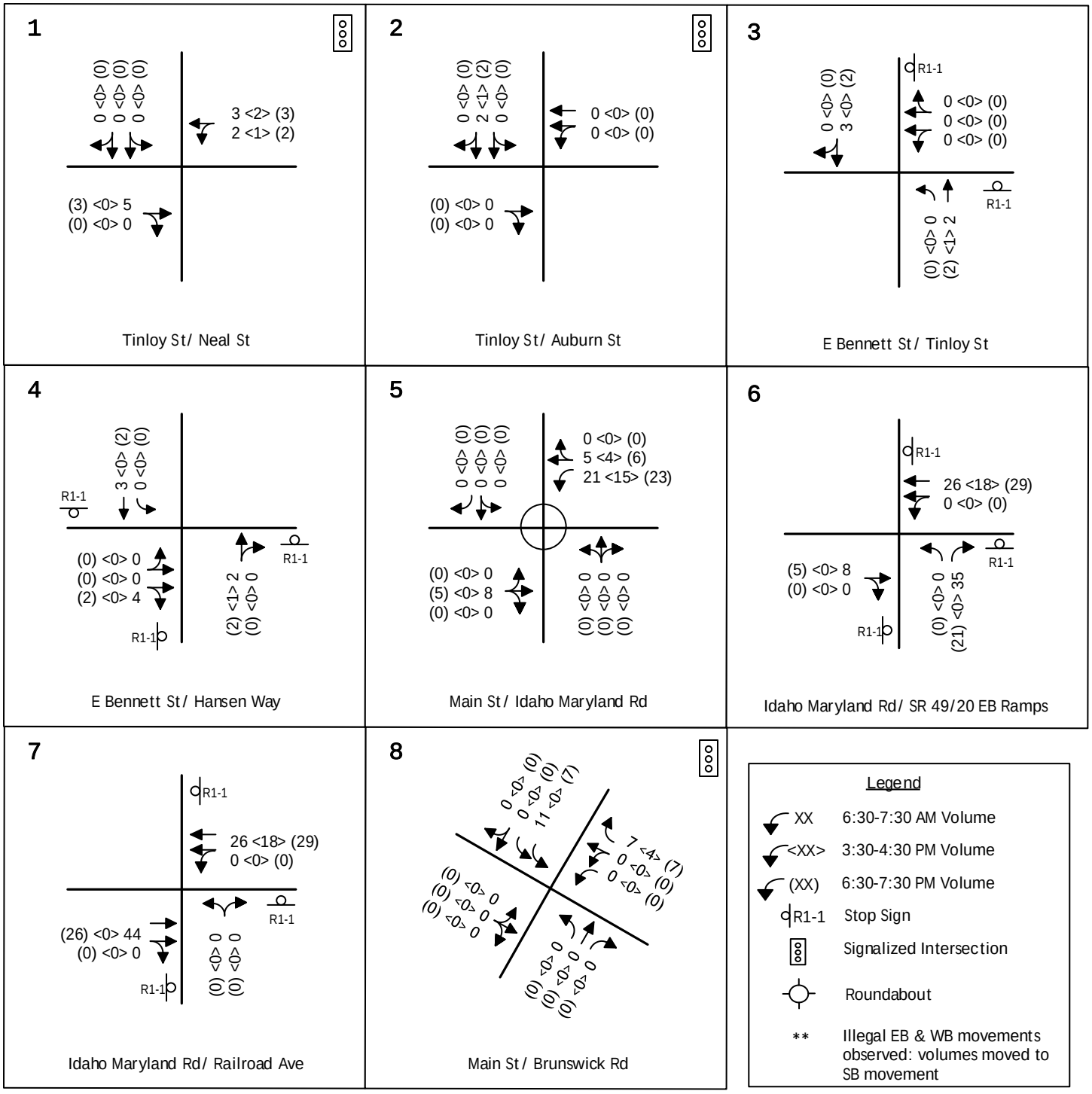
figure 7c



PROJECT TRAFFIC HOURS PROJECT TRIPS
TRAFFIC VOLUMES AND LANE CONFIGURATIONS
(TO CENTENNIAL SITE)

KD Anderson & Associates, Inc.
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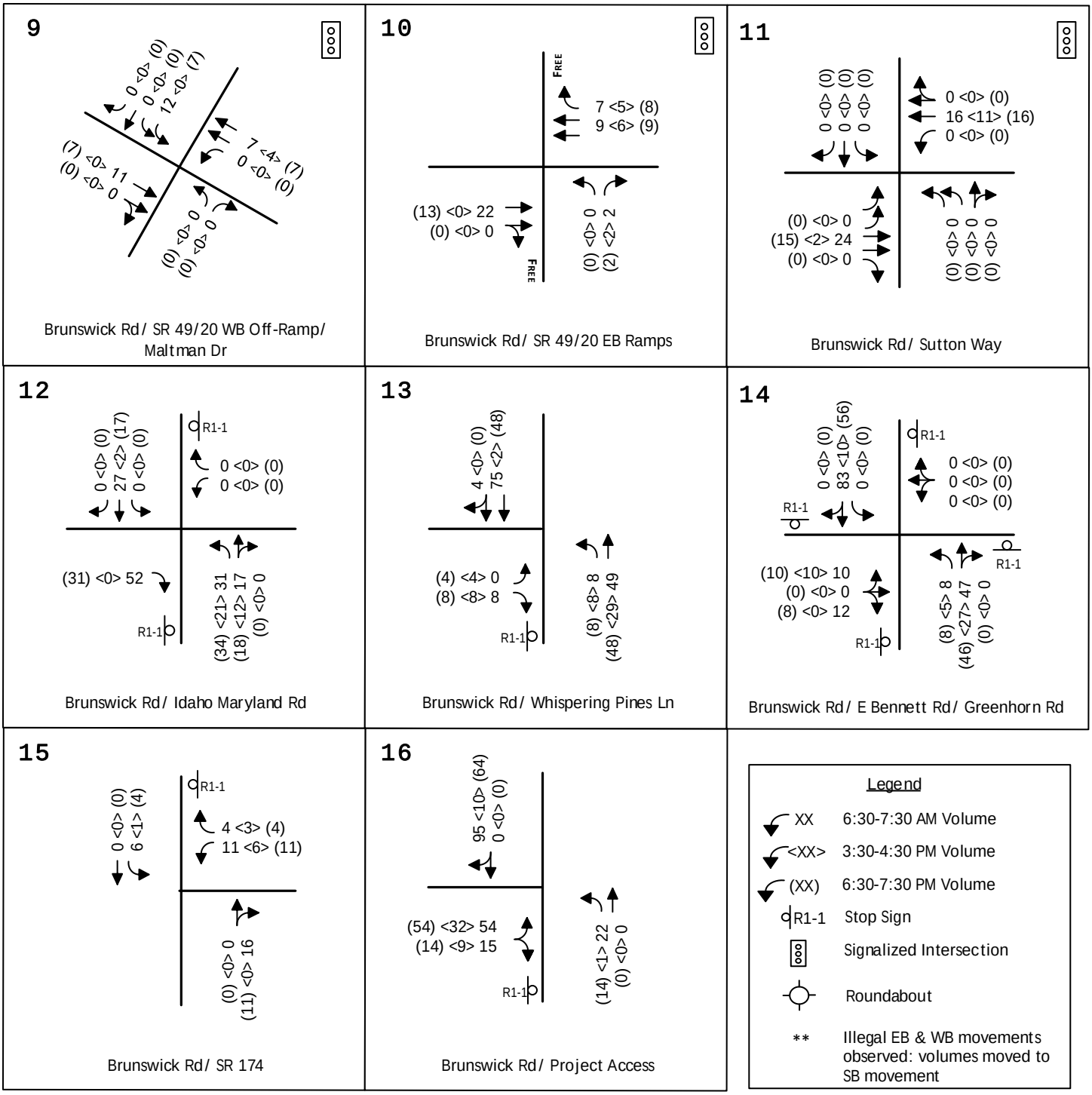
figure 7d



PROJECT TRAFFIC HOURS PROJECT TRIPS
TRAFFIC VOLUMES AND LANE CONFIGURATIONS
(TO CENTENNIAL SITE)

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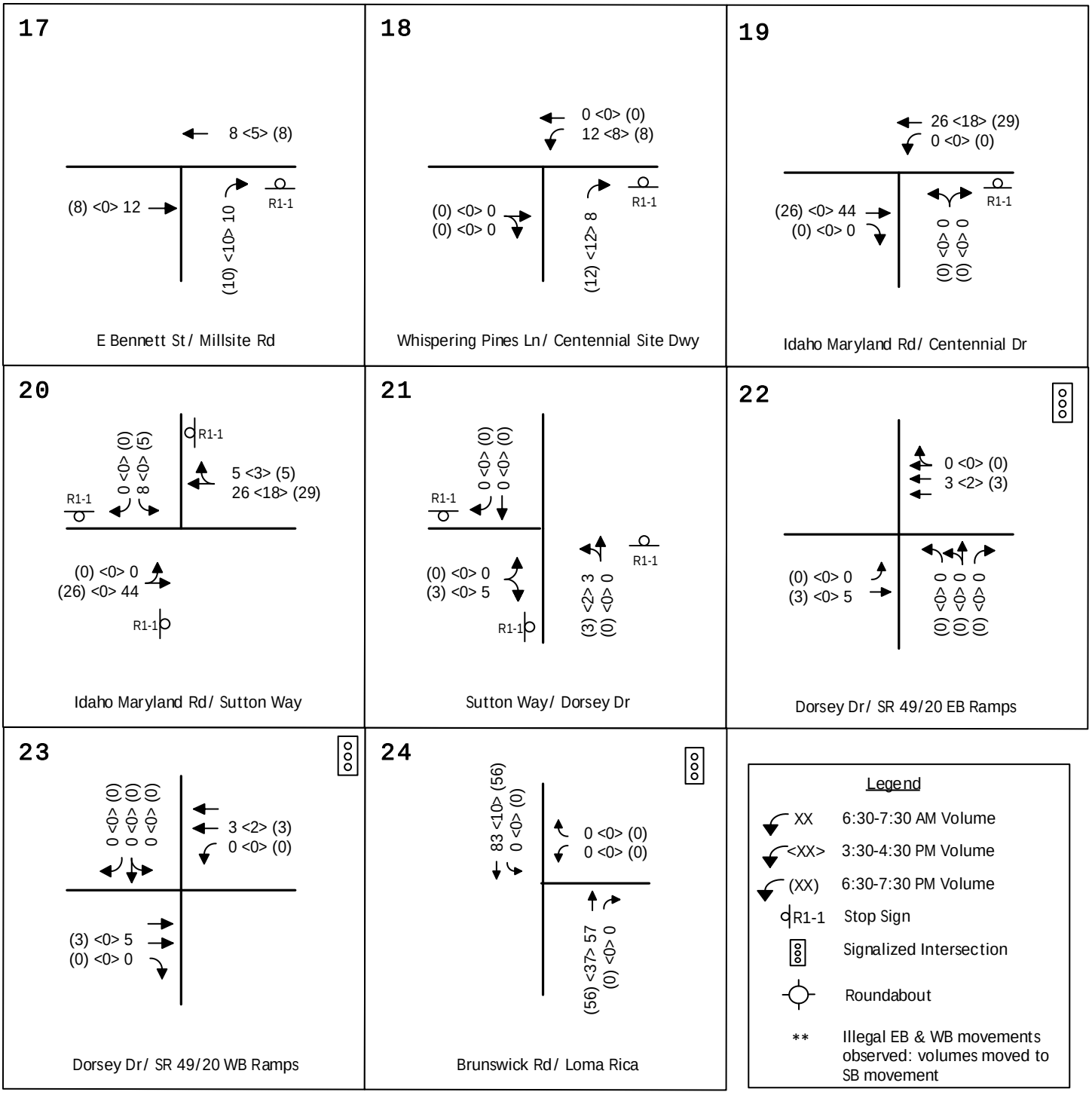
figure 7e



PROJECT TRAFFIC HOURS PROJECT TRIPS
TRAFFIC VOLUMES AND LANE CONFIGURATIONS
(TO CENTENNIAL SITE)

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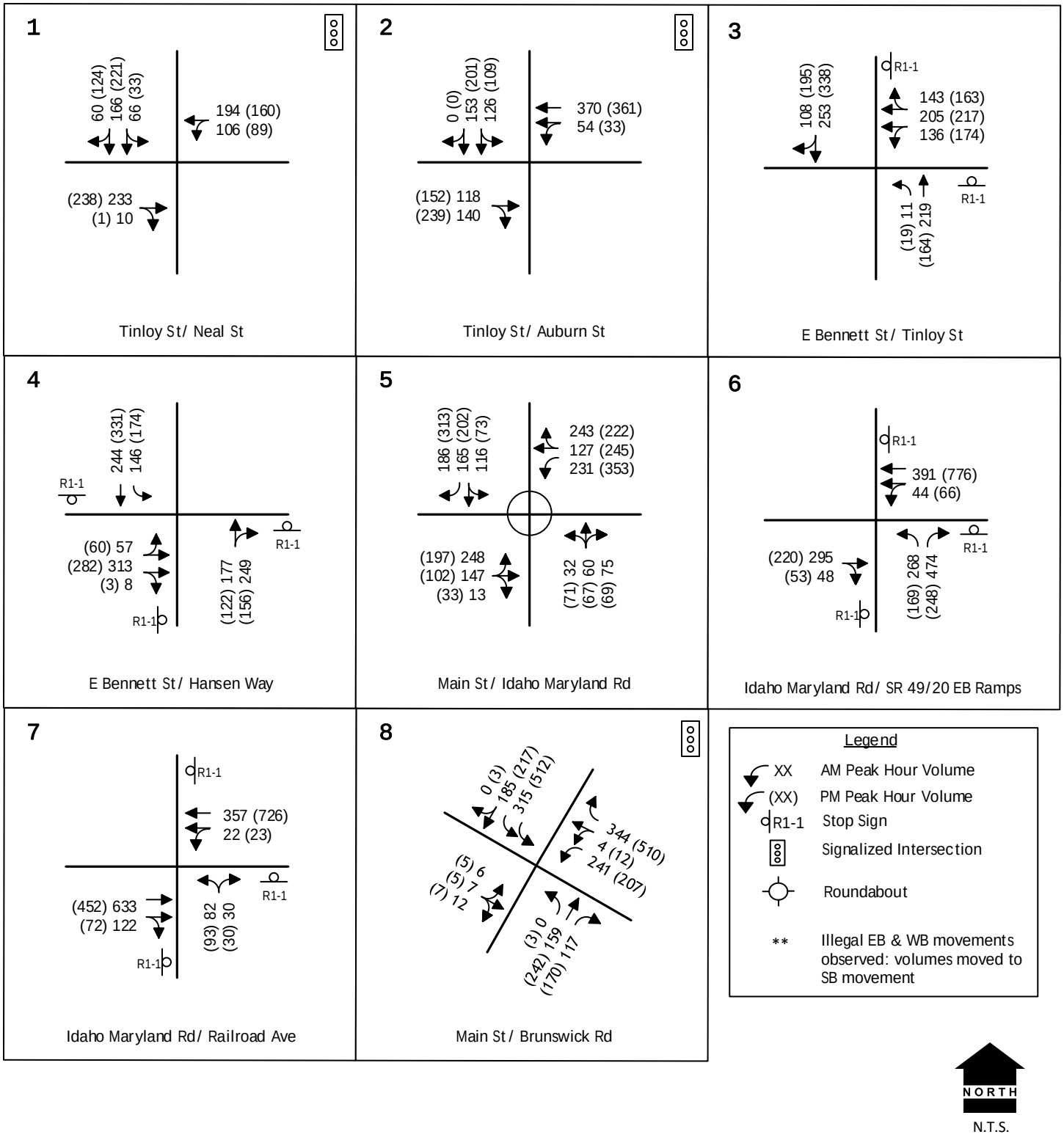
figure 7f



AM/PM PEAK HOURS EPAP PLUS PROJECT
TRAFFIC VOLUMES AND LANE CONFIGURATIONS
(TO CENTENNIAL SITE)

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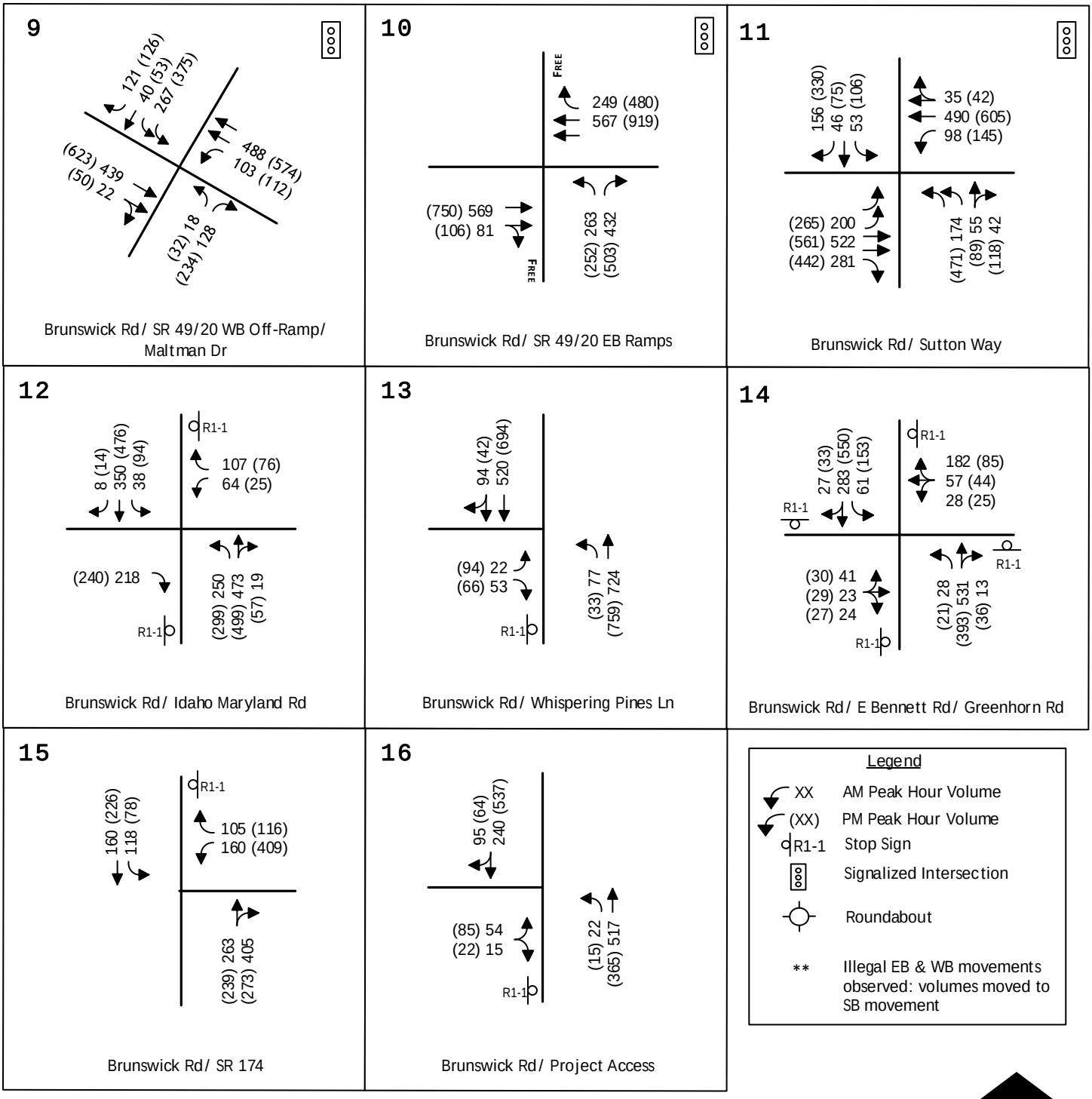
figure 8a



AM/PM PEAK HOURS EPAP PLUS PROJECT
TRAFFIC VOLUMES AND LANE CONFIGURATIONS
(TO CENTENNIAL SITE)

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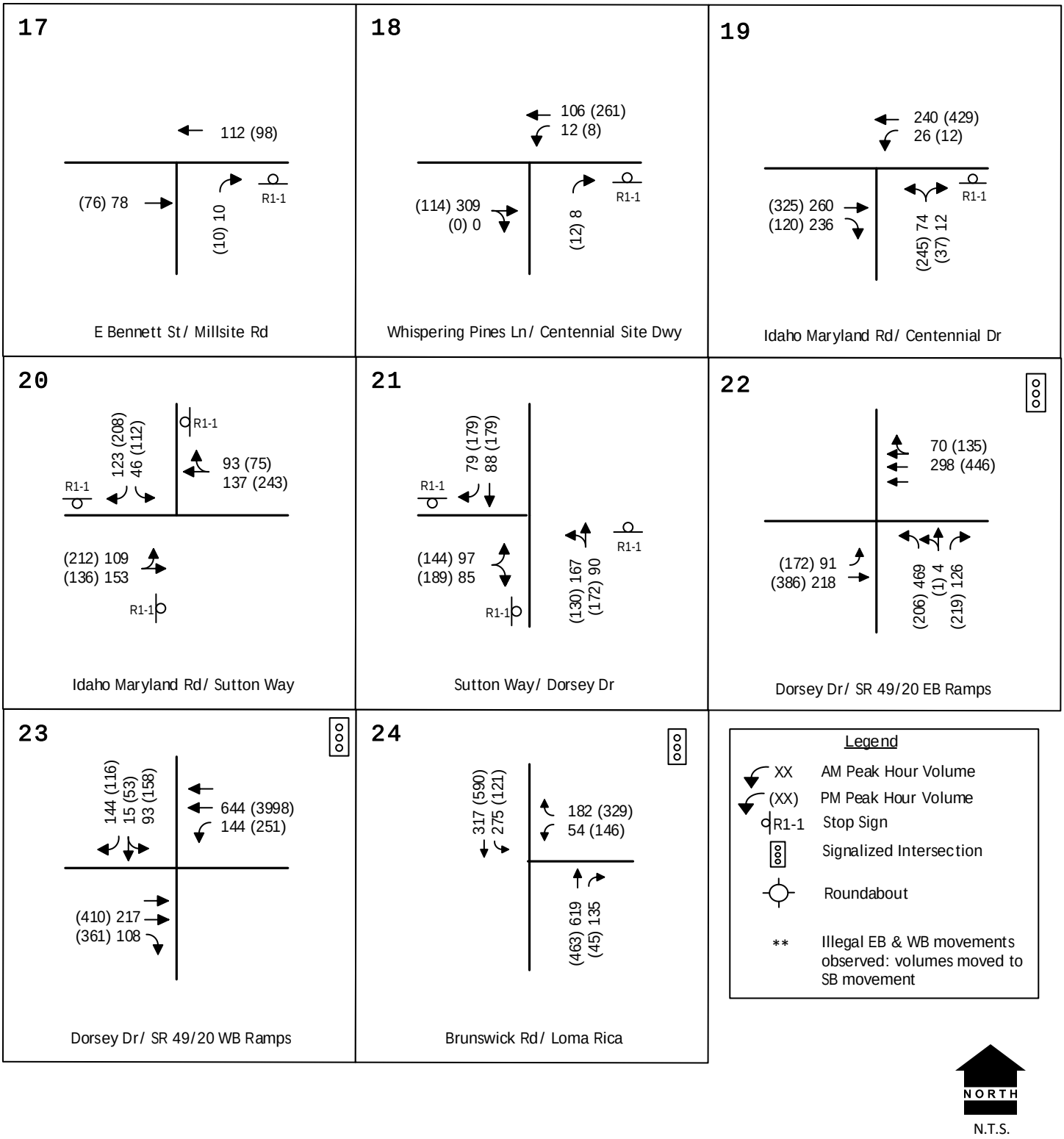
figure 8b



AM/PM PEAK HOURS EPAP PLUS PROJECT
TRAFFIC VOLUMES AND LANE CONFIGURATIONS
(TO CENTENNIAL SITE)

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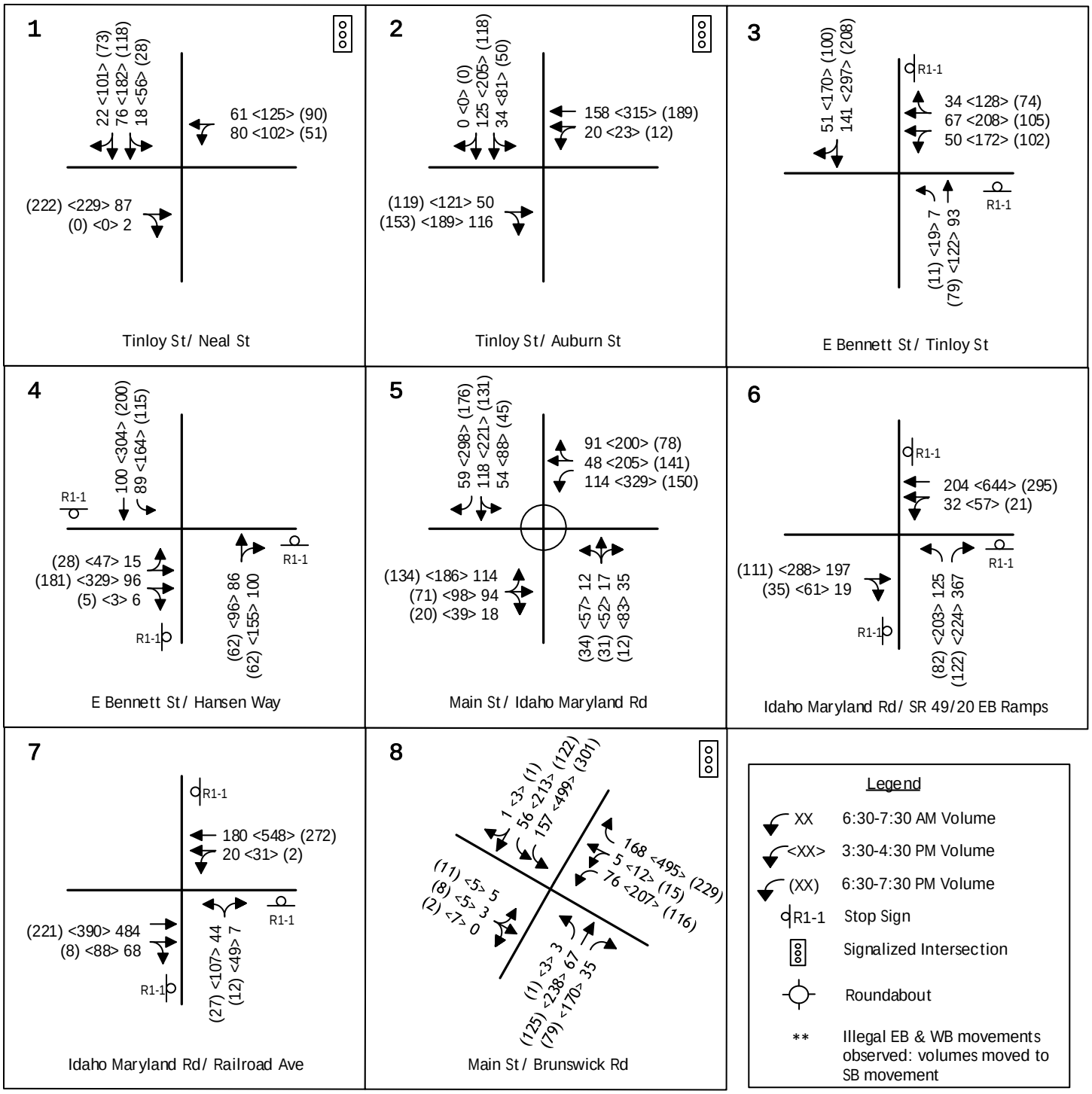
figure 8c



PROJECT TRAFFIC HOURS EPAP PLUS PROJECT
TRAFFIC VOLUMES AND LANE CONFIGURATIONS
(TO CENTENNIAL SITE)

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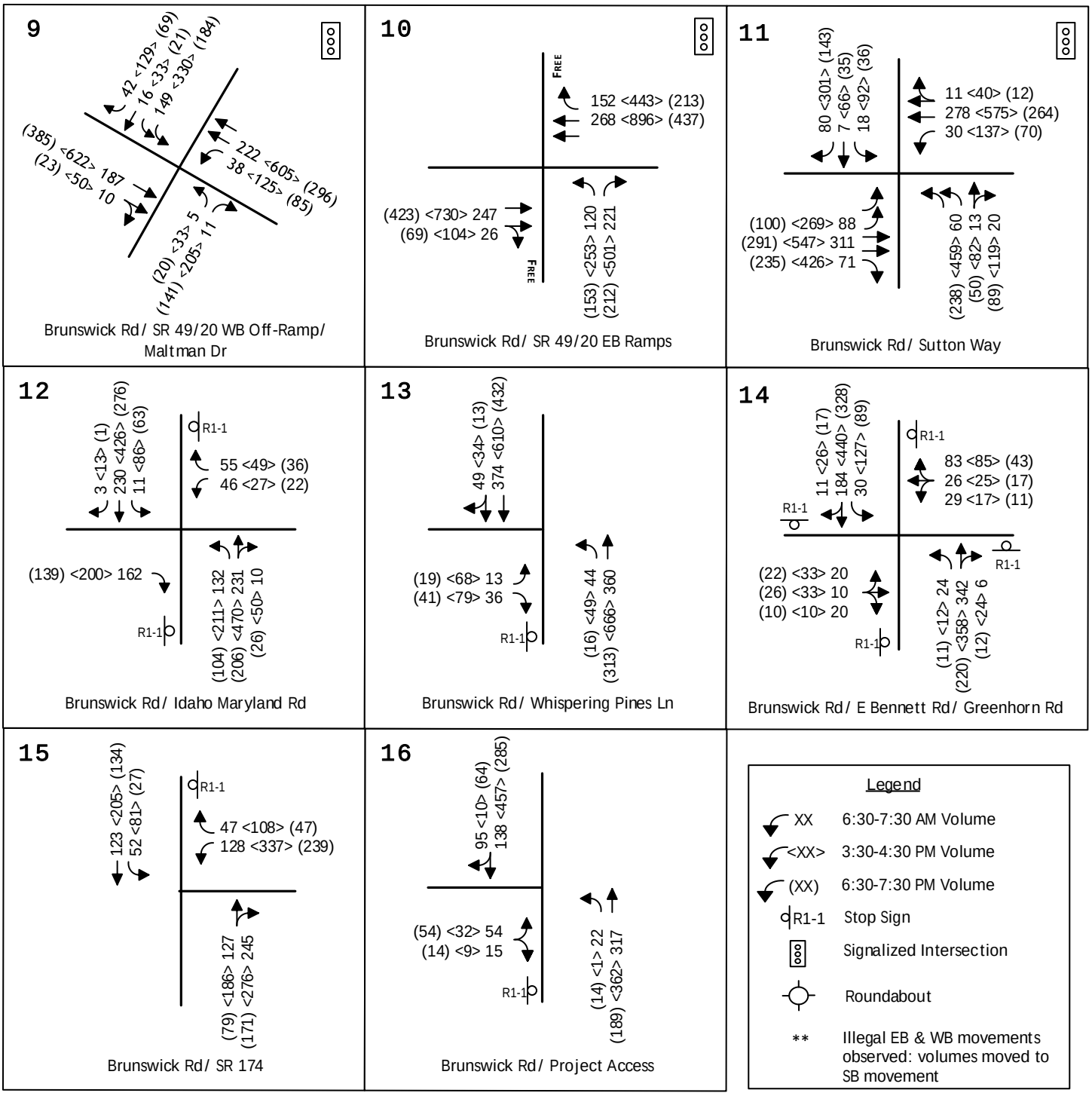
figure 8d



PROJECT TRAFFIC HOURS EPAP PLUS PROJECT TRAFFIC VOLUMES AND LANE CONFIGURATIONS (TO CENTENNIAL SITE)

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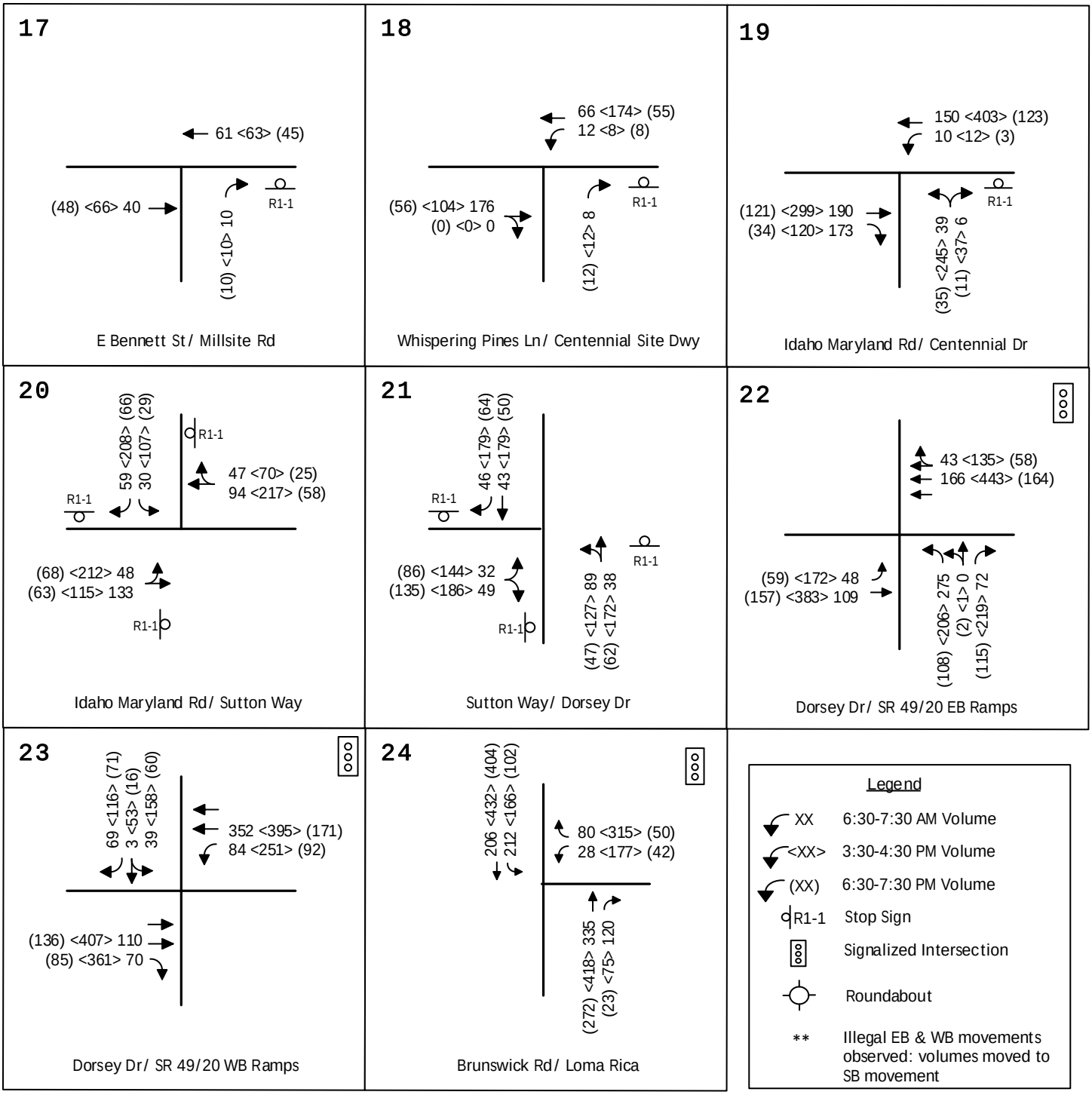
figure 8e



PROJECT TRAFFIC HOURS EPAP PLUS PROJECT TRAFFIC VOLUMES AND LANE CONFIGURATIONS (TO CENTENNIAL SITE)

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figure 8f

VI. PROJECT TRAFFIC IMPACTS

VI.1. EPAP Plus Project Conditions (Scenario #1)

Scenario #1 considers transporting of engineered fill to the Centennial Industrial site.

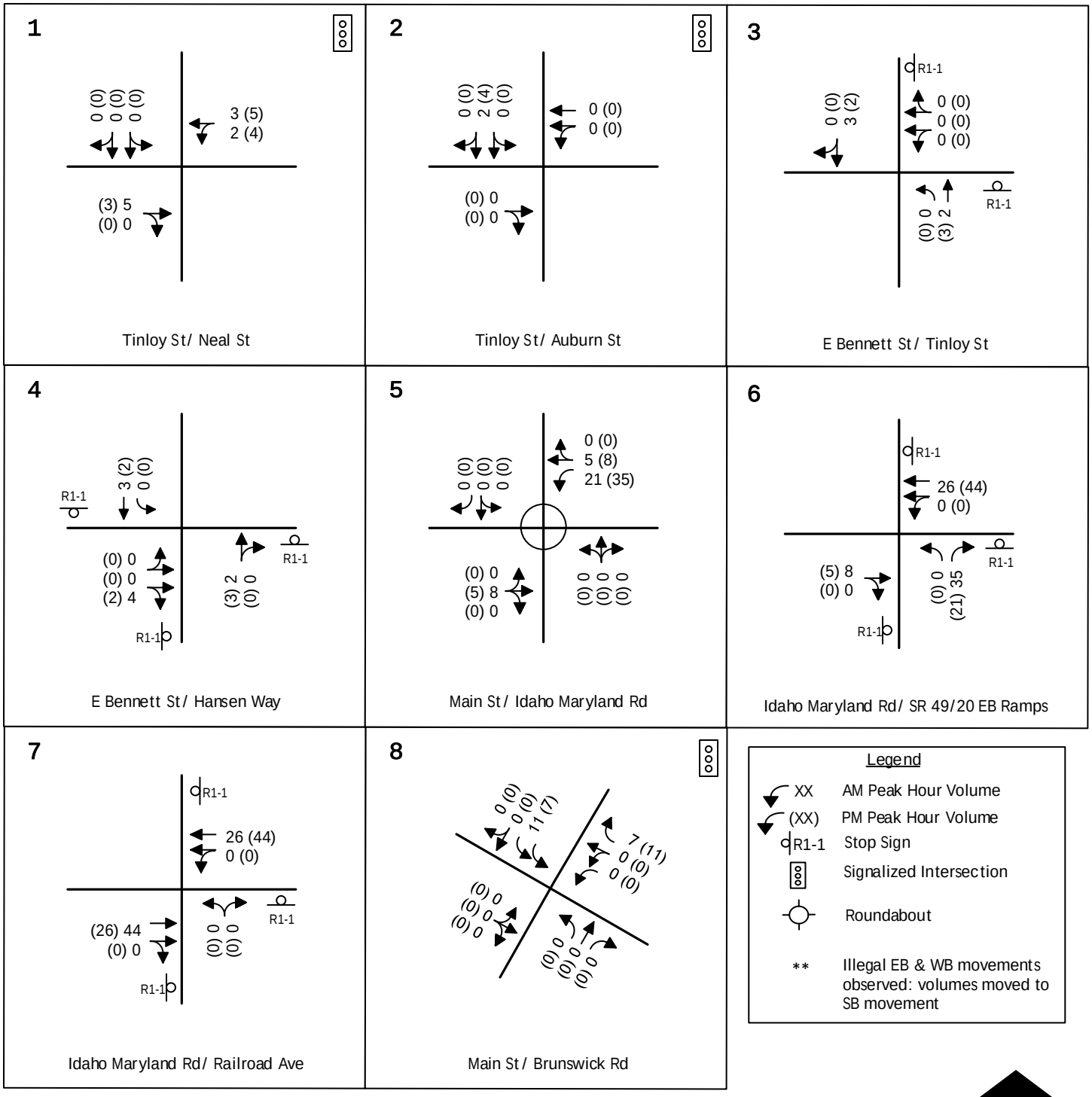
Traffic Volumes. The LOS impacts of the Idaho-Maryland Mine project have been identified by superimposing project traffic onto EPAP conditions. Figures 9A through 9F display the "EPAP Plus Project" traffic volumes at each study intersection for each of the five study time periods.

EPAP plus Project volumes under Scenario #1 were used to recalculate operating Levels of Service at the study intersections. No roadway improvements at the study area intersections, other than those incorporated as part of the EPAP scenario, were identified. Tables 14A and 14B summarize operating Levels of Service at the study area intersections for each of the five study time periods.

During the peak hour scenario three intersections would continue to operate at unacceptable Levels of Service, at LOS E or F, which include Brunswick Road at Idaho Maryland Road, Brunswick Road at SR 174, and Idaho Maryland Road at Centennial Drive. Two additional intersections will decline to LOS E, Idaho Maryland Road at SR 49/20 Eastbound Ramps and Brunswick Road at E. Bennett Road – Greenhorn Road.

During the project traffic hours, when the project employee traffic occurs, three intersections will operate below the LOS threshold. These intersections include Brunswick Road at Idaho Maryland Road, Brunswick Road at SR 174, and Idaho Maryland Road at Centennial Drive.

Seven intersections will meet the peak hour signal warrant during the a.m. and p.m. peak hour scenarios. These include E. Bennett Road at Tinloy Street, Idaho Maryland Road at SR 49/20 EB Ramps, Brunswick Road at Idaho Maryland Road, Brunswick Road at Whispering Pines Lane, Brunswick Road at E. Bennett Road-Greenhorn Road, Brunswick Road at SR 174 and Idaho Maryland Road at Centennial Drive. The Idaho Maryland Road / SR 49/20 EB Ramps intersection, Brunswick Road / Idaho Maryland Road intersection, Brunswick Road / E. Bennett Road-Greenhorn Road intersection, Brunswick Road / SR 174 intersection and Idaho Maryland Road at Centennial Drive intersection also operate below the accepted LOS D threshold. While the Brunswick Road / Whispering Pines Lane intersection meets the peak hour signal warrant it operates acceptably. During the project hour analyses the same seven intersections will meet the peak hour signal warrant; however, only the Brunswick Road / Idaho Maryland Road intersection, the SR 174 at Brunswick Road intersection and the Idaho Maryland Road at Centennial Drive intersection will operate below the accepted LOS D threshold.



AM/PM PEAK HOURS PROJECT TRIPS
TRAFFIC VOLUMES AND LANE CONFIGURATIONS
(TO SR 49)

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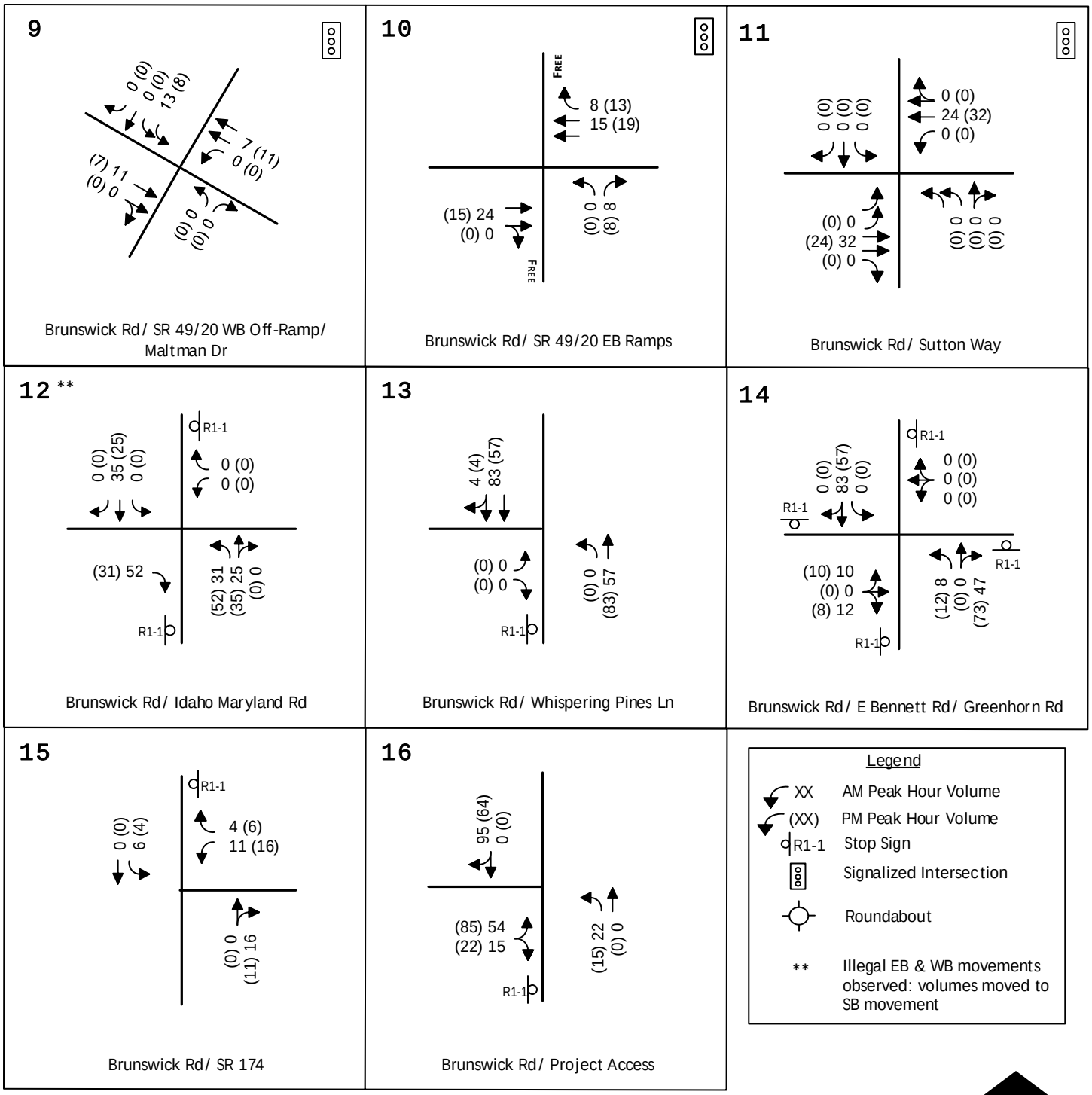
figure 9a



AM/PM PEAK HOURS PROJECT TRIPS
TRAFFIC VOLUMES AND LANE CONFIGURATIONS
(TO SR 49)

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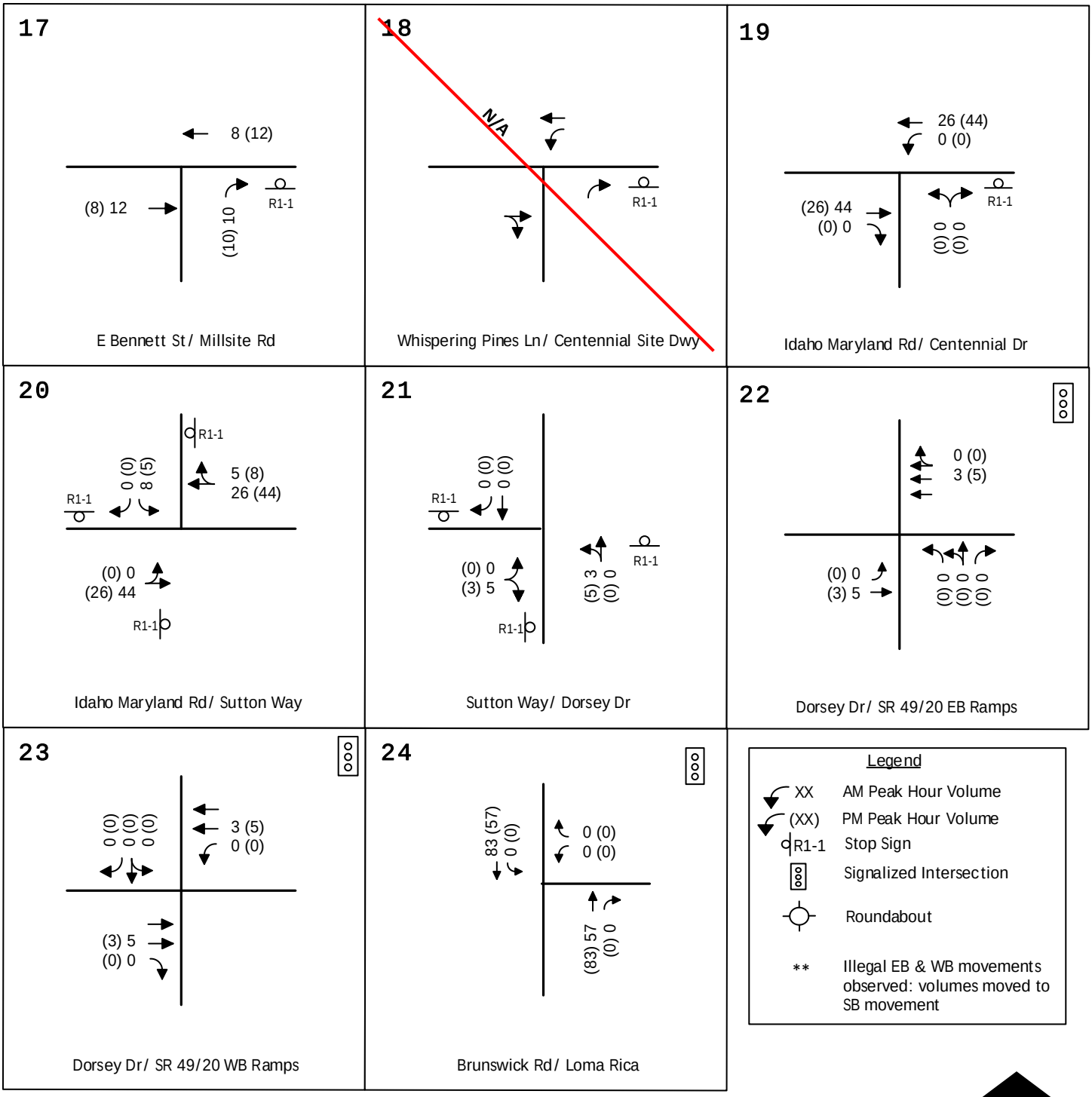
figure 9b



AM/PM PEAK HOURS PROJECT TRIPS
TRAFFIC VOLUMES AND LANE CONFIGURATIONS
(TO SR 49)

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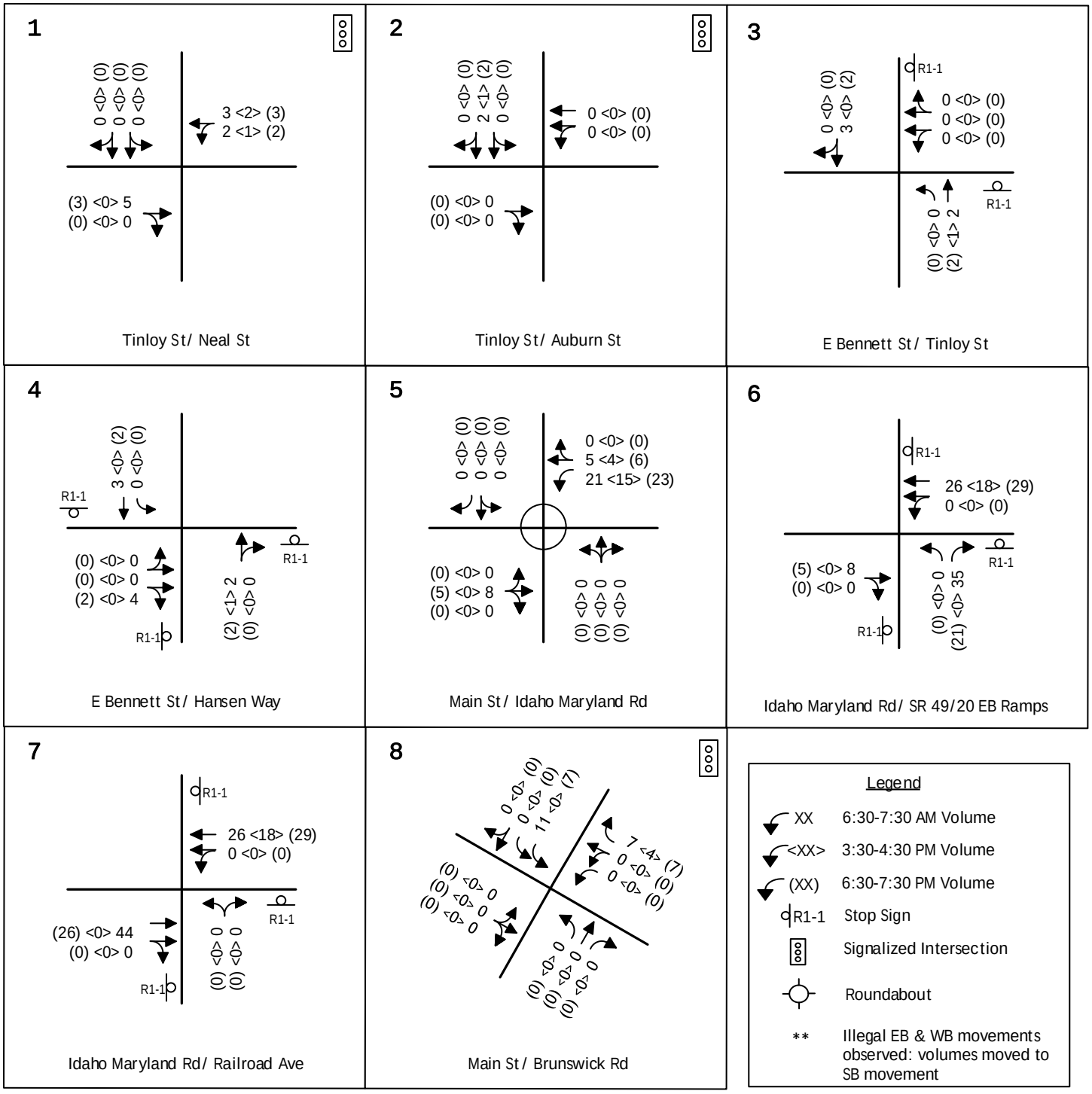
figure 9c



PROJECT TRAFFIC HOURS PROJECT TRIPS
TRAFFIC VOLUMES AND LANE CONFIGURATIONS
(TO SR 49)

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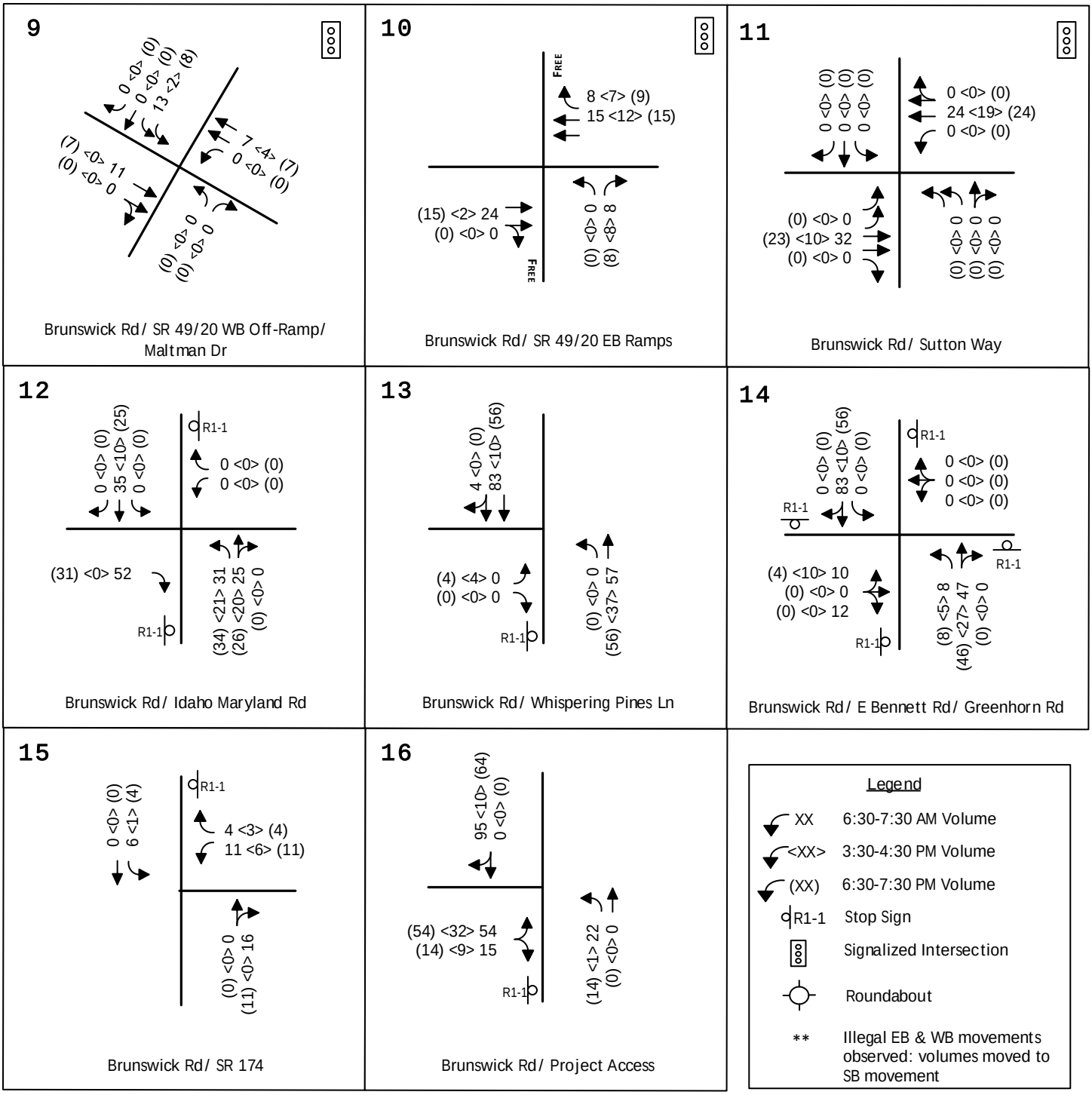
figure 9d



PROJECT TRAFFIC HOURS PROJECT TRIPS
TRAFFIC VOLUMES AND LANE CONFIGURATIONS
(TO SR 49)

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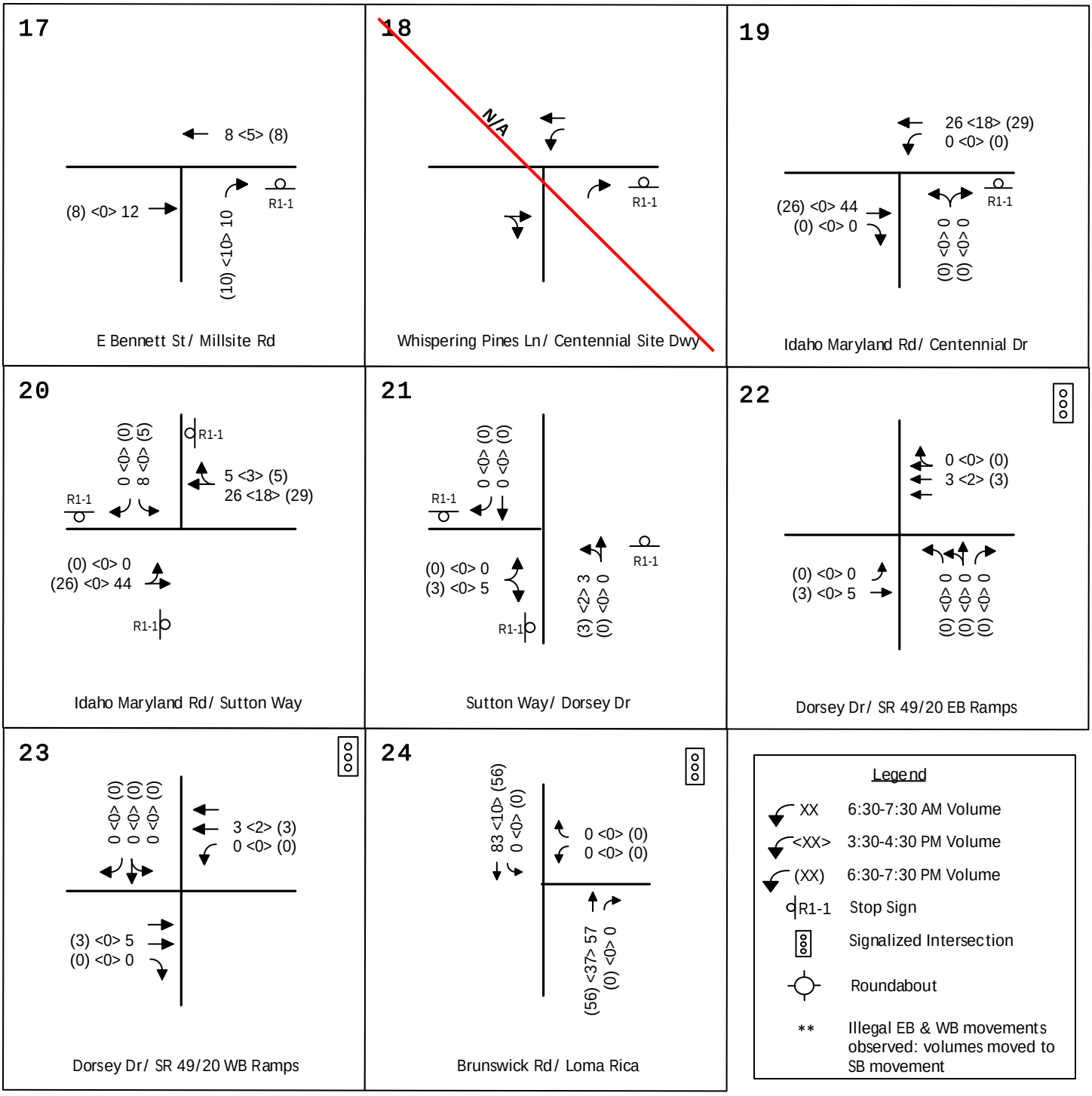
figure 9e



PROJECT TRAFFIC HOURS PROJECT TRIPS
TRAFFIC VOLUMES AND LANE CONFIGURATIONS
(TO SR 49)

TABLE 14A
EPAP PLUS PROJECT – CENTENNIAL SITE (SCENARIO #1)
LEVELS OF SERVICE AT INTERSECTIONS
(PEAK HOURS)

Location	Control	EPAP plus Project AM Peak Hour		EPAP plus Project PM Peak Hour		Meets Peak Hour Warrant?
		LOS	Average Delay	LOS	Average Delay	
1. Neal St / Tinloy St ‡◊	Signal	B	15.7	B	12.4	N/A
2. S. Auburn St / Tinloy St ‡◊	Signal	B	10.1	B	11.1	N/A
3. E. Bennett Rd / Tinloy St – SR 49 WB Off-Ramp ‡◊	SB / WB Stop	A	6.1	A	7.3	Yes
4. E. Bennett Rd / Hansen Way – SR 49 EB On-Ramp ‡◊	AWS	C	20.0	C	16.1	No
5. E. Main St / Idaho Maryland Rd - SR 49 WB Ramps ‡◊	Roundabout	A	7.8	A	7.6	N/A
6. Idaho Maryland Rd / SR 49 EB Ramps ‡◊	AWS	D	31.2	**E**	**44.1**	Yes
7. Idaho Maryland Rd / Railroad Ave ‡◊	AWS	B	14.9	C	24.7	No
8. E. Main St / Brunswick Rd – W. Olympia Dr ‡Δ	Signal	B	10.2	B	15.3	N/A
9. Brunswick Rd / SR 49 WB Off-Ramp – Maltman Dr ‡♦	Signal	B	17.8	C	21.4	N/A
10. Brunswick Rd / SR 49 EB Ramps ‡▲	Signal	B	12.9	B	14.0	N/A
11. Brunswick Rd / Sutton Way ‡▲	Signal	B	13.2	C	24.4	N/A
12. Brunswick Rd / Idaho Maryland Rd ‡●						
NB Left	EB/WB Stop	A	9.2	A	9.9	Yes
SB Left		A	8.6	A	9.0	
EB		B	13.4	C	16.0	
WB		**F**	**194.3**	**F**	**164.1**	
13. Brunswick Rd / Whispering Pines Ln ‡●						
NB Left	EB Stop	A	9.4	A	9.5	Yes
EB		B	13.4	C	18.7	
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd †●	AWS	**F**	**51.0**	**E**	**38.6**	Yes

AWS – all way stop
Bold indicates intersection operates below threshold
† Nevada County
‡Grass Valley

◊ 8:00 – 9:00 a.m. / 4:30 – 5:30 p.m.
♦ 8:00 – 9:00 a.m. / 4:15 – 5:15 p.m.
● 7:45 – 8:45 a.m. / 4:30 – 5:30 p.m.

Δ 8:00 – 9:00 a.m. / 3:30 – 5:30 p.m.
▲ 8:00 – 9:00 a.m. / 3:45 – 4:45 p.m.

TABLE 14A (continued)
EPAP PLUS PROJECT – CENTENNIAL SITE (SCENARIO #1)
LEVELS OF SERVICE AT INTERSECTIONS
(PEAK HOURS)

Location	Control	EPAP plus Project AM Peak Hour		EPAP plus Project PM Peak Hour		Meets Peak Hour Warrant?
		LOS	Average Delay	LOS	Average Delay	
15. Brunswick Rd / SR 174 †● SB EB Left	SB Stop	C A	18.3 8.1	**F** A	**95.2** 8.0	Yes
16. Brunswick Rd / Project Driveway †● NB Left EB	EB Stop	A B	8.0 12.9	A C	8.9 15.7	No
17. E. Bennett Rd / Millsite Rd †● NB	NB Stop	A	8.7	A	8.7	No
18. Whispering Pines Ln / Centennial Site Driveway ‡◊ NB WB Left	NB Stop	B A	10.4 8.1	A A	9.1 7.5	No
19. Idaho Maryland Rd / Centennial Dr ‡Δ NB WB Left	NB Stop	B A	13.98 8.5	**F** A	**148.4** 8.6	Yes
20. Idaho Maryland Rd /Sutton Way ‡Δ	AWS	B	10.3	C	15.5	No
21. Sutton Way / Dorsey Dr ‡Δ	AWS	A	9.9	C	15.9	No
22. Dorsey Dr / SR 49 EB Ramps ‡Δ	Signal	B	15.2	B	13.7	N/A
23. Dorsey Dr / SR 49 WB Ramps ‡Δ	Signal	B	10.0	B	15.7	N/A
24. Brunswick Rd / Loma Rica Dr †□	Signal	C	23.0	B	15.5	N/A

AWS – all way stop
Bold indicates intersection operates below threshold
† Nevada County
‡Grass Valley

◊ 8:00 – 9:00 a.m. / 4:30 – 5:30 p.m.
♦ 8:00 – 9:00 a.m. / 4:15 – 5:15 p.m.
● 7:45 – 8:45 a.m. / 4:30 – 5:30 p.m.

Δ 8:00 – 9:00 a.m. / 3:30 – 5:30 p.m.
▲ 8:00 – 9:00 a.m. / 3:45 – 4:45 p.m.
□ 8:00 – 9:00 a.m. / 5:00 – 6:00 p.m.

TABLE 14B
EPAP PLUS PROJECT – CENTENNIAL SITE (SCENARIO #1)
PEAK HOUR LEVELS OF SERVICE AT INTERSECTIONS
(PROJECT TRAFFIC HOURS)

Location	Control	EPAP plus Project 6:30 – 7:30 AM		EPAP plus Project 3:30 – 4:30 PM		EPAP plus Project 6:30 – 7:30 PM		Meets Peak Hour Warrant?
		LOS	Average Delay	LOS	Average Delay	LOS	Average Delay	
1. Neal St / Tinloy St ‡	Signal	A	5.1	A	8.2	A	7.1	N/A
2. S. Auburn St / Tinloy St ‡	Signal	A	6.1	A	8.7	A	7.0	N/A
3. E. Bennett Rd / Tinloy St – SR 49 WB Off-Ramp ‡	SB / WB Stop	A	3.8	A	6.3	A	4.0	Yes*
4. E. Bennett Rd / Hansen Way – SR 49 EB On-Ramp ‡	AWS	A	9.3	B	15.2	B	10.2	No
5. E. Main St / Idaho Maryland Rd - SR 49 WB Ramps ‡	Roundabout	A	4.8	A	7.0	A	4.6	N/A
6. Idaho Maryland Rd / SR 49 EB Ramps ‡	AWS	C	18.9	D	25.7	B	10.6	Yes*
7. Idaho Maryland Rd / Railroad Ave ‡	AWS	B	12.1	C	18.4	A	9.3	No
8. E. Main St / Brunswick Rd – W. Olympia Dr ‡	Signal	A	5.9	B	13.4	A	9.0	N/A
9. Brunswick Rd / SR 49 WB Off-Ramp–Maltman Dr ‡	Signal	B	16.7	C	20.5	B	17.0	N/A
10. Brunswick Rd / SR 49 EB Ramps ‡	Signal	A	8.5	B	13.8	A	9.3	N/A
11. Brunswick Rd / Sutton Way ‡	Signal	A	5.0	C	21.8	A	9.4	N/A
12. Brunswick Rd / Idaho Maryland Rd ‡								
NB Left	EB/WB Stop	A	8.4	A	9.2	A	8.2	Yes*
SB Left		A	7.9	A	8.9	A	7.9	
EB		B	11.5	B	14.2	B	11.3	
WB		D	25.8	**F**	**102.5**	C	18.3	
13. Brunswick Rd / Whispering Pines Ln ‡								
NB Left	EB Stop	A	8.8	A	9.2	A	8.5	Yes*
EB		B	11.4	B	14.8	B	11.1	
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd †	AWS	B	13.0	C	22.0	B	12.8	Yes*

AWS – all way stop
Bold indicates intersection operates below threshold
* meets warrant in 3:30 p.m. hour

† Nevada County
‡Grass Valley

TABLE 14B (continued)
EPAP PLUS PROJECT – CENTENNIAL SITE (SCENARIO #1)
PEAK HOUR LEVELS OF SERVICE AT INTERSECTIONS
(PROJECT TRAFFIC HOURS)

Location	Control	EPAP plus Project 6:30 – 7:30 AM		EPAP plus Project 3:30 – 4:30 PM		EPAP plus Project 6:30 – 7:30 PM		Meets Peak Hour Warrant?
		LOS	Average Delay	LOS	Average Delay	LOS	Average Delay	
15. Brunswick Rd / SR 174 †	SB Stop							
SB		B	13.1	**E**	**38.1**	B	13.0	Yes*
EB Left		A	7.7	A	7.8	A	7.4	
16. Brunswick Rd / Project Driveway †	EB Stop							
NB Left		A	7.8	A	8.4	A	8.2	No
EB		B	11.5	B	12.5	B	11.7	
17. E. Bennett Rd / Millsite Rd †	NB Stop							
NB		A	8.5	A	8.7	A	8.6	No
18. Whispering Pines Ln / Centennial Site Driveway ‡	NB Stop							
NB		A	9.6	A	9.0	A	8.7	No
WB Left		A	7.8	A	7.5	A	7.4	
19. Idaho Maryland Rd / Centennial Dr ‡	NB Stop							
NB		B	12.2	**F**	**112.3**	B	10.8	Yes*
WB Left		A	8.4	A	8.5	A	7.7	
20. Idaho Maryland Rd /Sutton Way ‡	AWS	A	8.5	B	14.3	A	8.5	No
21. Sutton Way / Dorsey Dr ‡	AWS	A	8.2	C	15.7	A	9.3	No
22. Dorsey Dr / SR 49 EB Ramps ‡	Signal	A	9.3	B	14.0	A	8.3	N/A
23. Dorsey Dr / SR 49 WB Ramps ‡	Signal	A	6.2	B	15.9	A	7.4	N/A
24. Brunswick Rd / Loma Rica Dr †	Signal	B	11.7	B	15.2	A	8.6	N/A

AWS – all way stop
Bold indicates intersection operates below threshold
* meets warrant in 3:30 p.m. hour
† Nevada County
‡Grass Valley

Intersection Queues. Tables 15A and 15B present information regarding queuing at each study intersection under EPAP plus Project conditions. 95th percentile queues with lengths exceeding the available storage are highlighted. The 95th percentile queue exceeds available storage in 19 locations at 13 intersections considering the five analysis scenarios. Table 15B presents a comparison of EPAP plus Project, Scenario #1 to EPAP conditions. During "Plus Project" conditions no intersections will have a storage lane length that is greater than 25 feet when compared to the "No Project" condition. The intersections of Neal Street at Tinloy Street and Tinloy Street at S. Auburn Street have queues that will continue to exceed the available storage and back up through the adjacent intersection. Similar conditions will continue to exist at the westbound approach of the Idaho Maryland Road / SR 49 EB Ramps intersection and the eastbound approach of Brunswick Road at SR 49 Westbound Off-Ramp - Maltman Drive intersection. It is assumed that one additional vehicle (25') can store in the available left or right turn taper and this occurs at four locations. The queues in the westbound left turn lane at the Brunswick Road / Loma Rica Drive intersection will continue to exceed the available storage; however, it will not lengthen beyond the EPAP condition. None of the "Plus Project" condition queues are considered significant.

TABLE 15A
EPAP PLUS PROJECT QUEUES
CENTENNIAL SITE (SCENARIO #1)
PEAK HOURS

Location	Length*	EPAP plus Project AM Peak Hour Queue (feet)	EPAP plus Project PM Peak Hour Queue (feet)
1. Neal St / Tinloy St			
EB	70	116	116
WB	150	293	208
2. S. Auburn St / Tinloy St			
NB through	80	145	149
NB through-left	80	88	81
SB	75	102	141
WB	95	113	124
3. E. Bennett Rd / Tinloy St – SR 49 WB Off-Ramp			
NB left turn	60	32	39
NB through	150	68	66
4. E. Bennett Rd / Hansen Way – SR 49 EB On-Ramp			
SB left turn	60	35	40
SB through	150	68	113

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 15A (continued)
EPAP PLUS PROJECT QUEUES
CENTENNIAL SITE (SCENARIO #1)
PEAK HOURS

Location	Length*	EPAP plus Project AM Peak Hour Queue (feet)	EPAP plus Project PM Peak Hour Queue (feet)
5. E. Main St / Idaho Maryland Rd - SR 49 WB Ramps			
NB	---	28	29
SB	---	37	48
EB	---	99	64
WB	---	55	83
6. Idaho Maryland Rd / SR 49 EB Ramps			
NB right	---	293	80
NB left	355	103	50
WB	90	103	450
7. Idaho Maryland Rd / Railroad Ave			
EB	90	135	113
8. E. Main St / Brunswick Rd – W. Olympia Dr			
NB left	110	---	<25
NB right	125	74	123
SB left (2 lanes)	355	120	204
WB left (2 lanes)	150	97	94
WB right	150	106	167
9. Brunswick Rd / SR 49 WB Off-Ramp – Maltman Dr			
NB left	100	53	83
NB right	100	78	156
SB left (2 lanes)	260	167	208
SB right	260	69	87
EB	160	146	207
WB left	145	94	104
10. Brunswick Rd / SR 49 EB Ramps			
NB left	200	232	225
NB right	---	233	250
11. Brunswick Rd / Sutton Way			
NB left (2 lanes)	280	107	272
SB left	190	70	122
SB right	180	---	---
EB left (2 lanes)	185	90	143
EB right	250	115	159
WB left	125	102	163

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 15A (continued)
EPAP PLUS PROJECT QUEUES
CENTENNIAL SITE (SCENARIO #1)
PEAK HOURS

Location	Length*	EPAP plus Project AM Peak Hour Queue (feet)	EPAP plus Project PM Peak Hour Queue (feet)
12. Brunswick Rd / Idaho Maryland Rd			
NB left	540	<25	30
SB left	120	<25	<25
EB right	---	40	55
WB left	60	173	90
13. Brunswick Rd / Whispering Pines Ln			
NB left	210	<25	<25
EB left	110	<25	38
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd			
NB left	225	<25	<25
SB left	260	<25	30
EB	---	<25	<25
WB	---	78	33
15. Brunswick Rd / SR 174			
SB left	90	60	415
EB left	130	<25	<25
16. Brunswick Rd / Project Driveway			
NB left	350	<25	<25
EB	---	<25	25
17. E. Bennett Rd / Millsite Rd			
NB right	---	<25	<25
18. Whispering Pines Ln / Project Driveway			
NB	---	<25	<25
WB left	100	<25	<25
19. Idaho Maryland Rd / Centennial Dr			
NB	---	<25	385
WB left	130	<25	<25
20. Idaho Maryland Rd /Sutton Way			
SB right	90	<25	48
SB left	---	<25	25
ÈB	---	48	115
WB	---	38	88

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 15A (continued)
EPAP PLUS PROJECT QUEUES
CENTENNIAL SITE (SCENARIO #1)
PEAK HOURS

Location	Length*	EPAP plus Project AM Peak Hour Queue (feet)	EPAP plus Project PM Peak Hour Queue (feet)
21. Sutton Way / Dorsey Dr			
SB right	120	<25	38
SB thru	---	<25	45
NB	---	25	100
EB	---	<25	113
22. Dorsey Dr / SR 49 EB Ramps			
NB Left (2 lanes)	215	217	108
NB right	215	75	102
EB left	180	106	156
23. Dorsey Dr / SR 49 EB Ramps			
SB right	400	68	62
SB left-thru	400	101	156
EB right	155	78	203
WB left	180	130	184
24. Dorsey Dr / SR 49 EB Ramps			
NB right	410	33	<25
SB left	400	233	103
WB left	100	59	127

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 15B
EPAP PLUS PROJECT QUEUES
CENTENNIAL SITE (SCENARIO #1)
(PROJECT TRAFFIC HOURS)

Location	Length*	No Project EPAP 6:30 – 7:30 AM Queue (feet)	Plus Project EPAP 6:30 – 7:30 AM Queue (feet)	No Project EPAP 3:30 – 4:30 PM Queue (feet)	Plus Project EPAP 3:30 – 4:30 PM Queue (feet)	No Project EPAP 6:30 – 7:30 PM Queue (feet)	Plus Project EPAP 6:30 – 7:30 PM Queue (feet)
1. Neal St / Tinloy St							
EB	70	67	69	105	103	99	99
WB	150	86	86	139	126	95	92
2. S. Auburn St / Tinloy St							
NB through	80	78	73	115	117	78	73
NB through-left	80	55	53	76	78	53	52
SB	75	78	76	109	109	101	101
WB	95	84	85	99	99	79	75
3. E. Bennett Rd / Tinloy St – SR 49 WB Off-Ramp							
NB left turn	60	27	28	41	42	31	28
NB through	150	46	45	54	56	47	47
4. E. Bennett Rd / Hansen Way – SR 49 EB On-Ramp							
SB left turn	60	<25	<25	38	38	<25	<25
SB through	150	<25	<25	95	95	35	35
5. E. Main St / Idaho Maryland Rd - SR 49 WB Ramps							
NB	---	<25	<25	26	26	<25	<25
SB	---	<25	<25	49	51	<25	<25
EB	---	30	32	63	60	28	29
WB	---	<25	<25	53	53	26	27

Highlighted values indicate queue length in excess of available storage with 25-feet or less increase from No Project condition
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 15B (continued)
EPAP PLUS PROJECT QUEUES
CENTENNIAL SITE (SCENARIO #1)
(PROJECT TRAFFIC HOURS)

Location	Length*	No Project EPAP 6:30 – 7:30 AM Queue (feet)	Plus Project EPAP 6:30 – 7:30 AM Queue (feet)	No Project EPAP 3:30 – 4:30 PM Queue (feet)	Plus Project EPAP 3:30 – 4:30 PM Queue (feet)	No Project EPAP 6:30 – 7:30 PM Queue (feet)	Plus Project EPAP 6:30 – 7:30 PM Queue (feet)
6. Idaho Maryland Rd / SR 49 EB Ramps							
NB right	---	133	183	63	63	<25	<25
NB left	355	33	33	63	63	<25	<25
WB	90	33	40	220	240	35	43
7. Idaho Maryland Rd / Railroad Ave							
EB	90	80	95	98	100	<25	25
8. E. Main St / Brunswick Rd – W. Olympia Dr							
NB left	110	<25	<25	<25	<25	<25	<25
NB right	125	44	46	122	116	58	60
SB left (2 lanes)	355	65	71	175	181	105	109
WB left (2 lanes)	150	40	44	92	87	62	64
WB right	150	49	50	155	159	77	82
9. Brunswick Rd / SR 49 WB Off-Ramp – Maltman Dr							
NB left	100	<25	25	63	78	55	51
NB right	100	30	28	123	134	76	82
SB left (2 lanes)	260	126	135	197	208	138	149
SB right	260	47	48	84	84	55	58
EB	160	59	63	201	207	133	137
WB left	145	62	64	106	104	90	94

Highlighted values indicate queue length in excess of available storage with 25-feet or less increase from No Project condition
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 15B (continued)
EPAP PLUS PROJECT QUEUES
CENTENNIAL SITE (SCENARIO #1)
(PROJECT TRAFFIC HOURS)

Location	Length*	No Project EPAP 6:30 – 7:30 AM Queue (feet)	Plus Project EPAP 6:30 – 7:30 AM Queue (feet)	No Project EPAP 3:30 – 4:30 PM Queue (feet)	Plus Project EPAP 3:30 – 4:30 PM Queue (feet)	No Project EPAP 6:30 – 7:30 PM Queue (feet)	Plus Project EPAP 6:30 – 7:30 PM Queue (feet)
10. Brunswick Rd / SR 49 EB Ramps							
NB left	200	153	152	224	221	182	196
NB right	---	113	110	243	252	85	95
11. Brunswick Rd / Sutton Way							
NB left (2 lanes)	280	53	58	253	259	119	114
SB left	190	42	39	104	110	58	56
SB right	180	---	---	---	<25	---	---
EB left (2 lanes)	185	55	58	133	124	69	66
EB right	250	48	50	157	159	84	89
WB left	125	44	40	142	135	72	70
12. Brunswick Rd / Idaho Maryland Rd							
NB left	540	<25	<25	<25	<25	<25	<25
SB left	120	<25	<25	<25	<25	<25	<25
EB right	---	<25	25	40	40	<25	<25
WB left	60	25	40	68	73	<25	<25
13. Brunswick Rd / Whispering Pines Ln							
NB left	210	<25	<25	<25	<25	<25	<25
EB left	110	<25	<25	<25	<25	<25	<25

Highlighted values indicate queue length in excess of available storage with 25-feet or less increase from No Project condition
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 15B (continued)
EPAP PLUS PROJECT QUEUES
CENTENNIAL SITE (SCENARIO #1)
(PROJECT TRAFFIC HOURS)

Location	Length*	No Project EPAP 6:30 – 7:30 AM Queue (feet)	Plus Project EPAP 6:30 – 7:30 AM Queue (feet)	No Project EPAP 3:30 – 4:30 PM Queue (feet)	Plus Project EPAP 3:30 – 4:30 PM Queue (feet)	No Project EPAP 6:30 – 7:30 PM Queue (feet)	Plus Project EPAP 6:30 – 7:30 PM Queue (feet)
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd							
NB left	225	<25	<25	<25	<25	<25	<25
SB left	260	<25	<25	<25	<25	<25	<25
EB	---	<25	<25	<25	<25	<25	<25
WB	---	<25	<25	<25	<25	<25	<25
15. Brunswick Rd / SR 174							
SB left	90	25	30	205	215	43	48
EB left	130	<25	<25	<25	<25	<25	<25
16. Brunswick Rd / Project Driveway							
NB left	350	---	<25	---	<25	---	<25
EB	---	---	<25	---	<25	---	<25
17. E. Bennett Rd / Millsite Rd							
NB right	---	---	<25	---	<25	---	<25
18. Whispering Pines Ln / Project Driveway							
NB	---	--	<25	---	<25	---	<25
WB left	100	---	<25	---	<25	---	<25
19. Idaho Maryland Rd / Centennial Dr							
NB	---	<25	<25	318	335	<25	<25
WB left	130	<25	<25	<25	<25	<25	<25

Highlighted values indicate queue length in excess of available storage with 25-feet or less increase from No Project condition
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 15B (continued)
EPAP PLUS PROJECT QUEUES
CENTENNIAL SITE (SCENARIO #1)
(PROJECT TRAFFIC HOURS)

Location	Length*	No Project EPAP 6:30 – 7:30 AM Queue (feet)	Plus Project EPAP 6:30 – 7:30 AM Queue (feet)	No Project EPAP 3:30 – 4:30 PM Queue (feet)	Plus Project EPAP 3:30 – 4:30 PM Queue (feet)	No Project EPAP 6:30 – 7:30 PM Queue (feet)	Plus Project EPAP 6:30 – 7:30 PM Queue (feet)
20. Idaho Maryland Rd /Sutton Way							
SB right	90	<25	<25	45	48	<25	<25
SB left	---	<25	<25	<25	<25	<25	<25
ÈB	---	<25	25	98	100	<25	<25
WB	---	<25	<25	63	73	<25	<25
21. Sutton Way / Dorsey Dr							
SB right	120	<25	<25	38	38	<25	<25
SB thru	---	<25	<25	43	45	<25	<25
NB	---	<25	<25	98	98	<25	<25
EB	---	<25	<25	110	110	40	40
22. Dorsey Dr / SR 49 EB Ramps							
NB Left (2 lanes)	215	112	113	104	108	56	60
NB right	215	41	43	98	96	48	51
EB left	180	60	60	155	150	56	66
23. Dorsey Dr / SR 49 EB Ramps							
SB right	400	50	50	58	60	48	48
SB left-thru	400	53	52	154	165	67	68
EB right	155	36	40	199	205	41	44
WB left	180	81	81	184	183	84	82
24. Brunswick Rd / Loma Rica Dr							
NB right	410	32	30	26	26	<25	<25
SB left	400	137	150	135	135	65	69
WB left	100	33	36	163	163	36	38

Highlighted values indicate queue length in excess of available storage with 25-feet or less increase from No Project condition
* - longest lane for multiple turn lane approaches Queuing distances based on stochastic modeling

EPAP Plus Project Conditions (Scenario #1) Roadway Segment Levels of Service. Table 16 summarizes the Levels of Service based on the EPAP plus Project traffic volumes on study area roads with the existing roadway configuration. All segments along Brunswick Road and E. Bennett Road will continue to operate at LOS D or better while the SR 174 segment will continue to operate at LOS E. The SR 174 segment exceeds the LOS C threshold in both directions.

TABLE 16
EPAP PLUS PROJECT
CENTENNIAL SITE (SCENARIO #1)
ROADWAY SEGMENT LEVELS OF SERVICE

Roadway	Location	Facility Classification	ATS/PTSF/LOS EPAP plus Project PM Peak Hour
Brunswick Rd	SR 49 to Whispering Pines Ln	Class I Highway	
	NB		31.2 / 77.1 / D
	SB		31.2 / 78.4 / D
	Whispering Pines Ln to E. Bennett Rd	Class I Highway	
	NB		36.1 / 72.5 / D
	SB		35.5 / 83.6 / D
	E. Bennett Rd to Project Driveway	Class I Highway	
	NB		34.9 / 68.3 / D
	SB		34.8 / 80.1 / D
	Project Driveway to SR 174	Class I Highway	
	NB		33.7 / 67.9 / D
	SB		33.2 / 83.9 / D
E. Bennett Rd	Project Driveway to Brunswick Rd	Class III Highway	
	EB		36.1 / 37.6 / B
	WB		34.8 / 53.4 / B
SR 174	Brunswick Rd to Empire St	Class I Highway	
	EB		**30.2 / 59.8 / E**
	WB		**29.2 / 78.2 / E**

ATS – average travel speed
PTSF – percent time spent following
LOS – level of service
Bold indicates LOS threshold exceeded

VI.2. EPAP Plus Project Conditions (Scenario #2)

Scenario #2 considers transporting of engineered fill to construction sites accessible via SR 49/20.

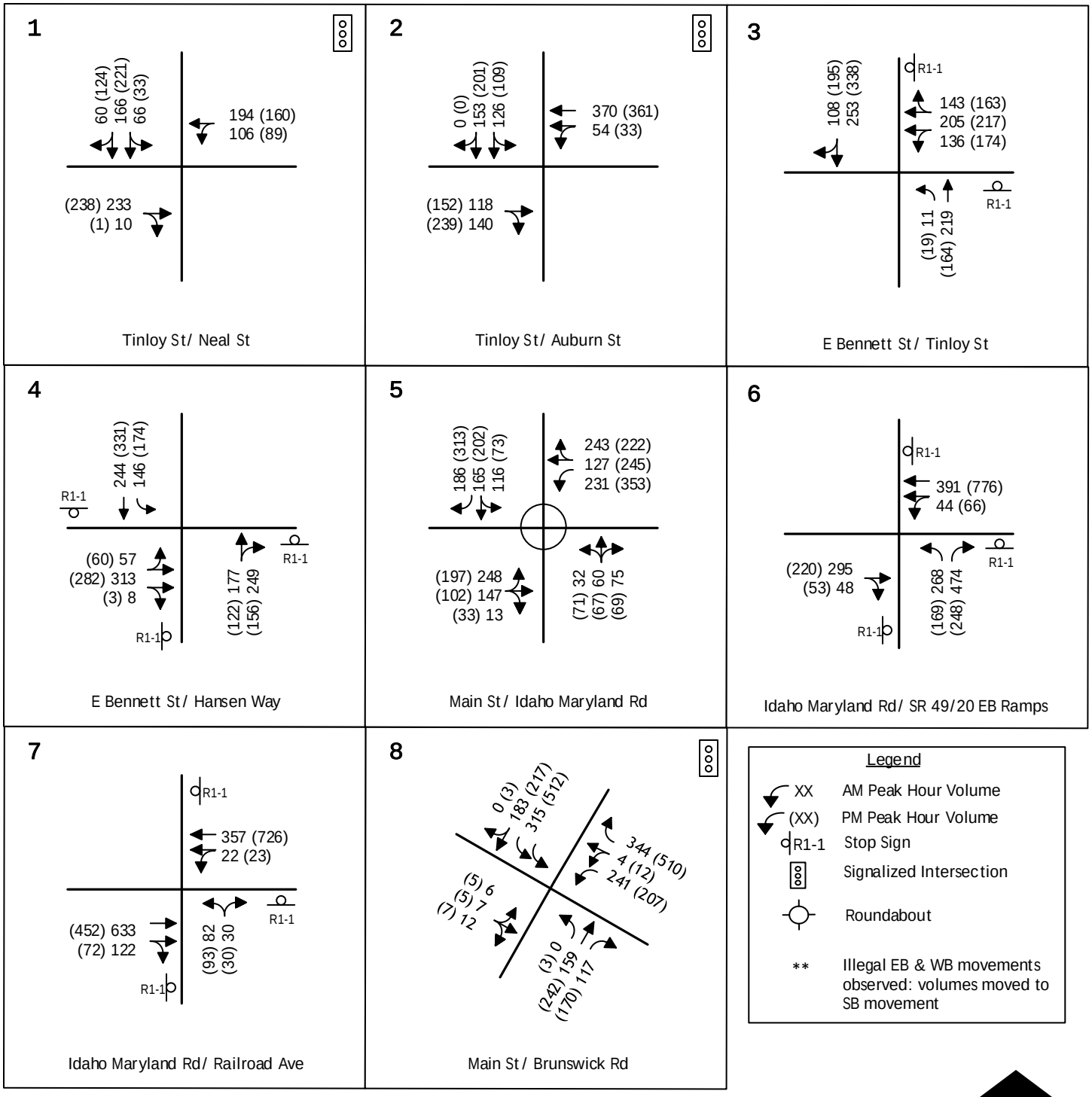
Traffic Volumes. The LOS impacts of the Idaho-Maryland Mine project have been identified by superimposing project traffic onto EPAP conditions. Figures 10A through 10F display the "EPAP Plus Project" traffic volumes at each study intersection for each of the five study time periods.

EPAP plus Project volumes under Scenario #2 were used to recalculate operating Levels of Service at the study intersections. No roadway improvements at the study area intersections, other than those incorporated as part of the EPAP scenario, were identified. Tables 17A and 17B summarize operating Levels of Service at the study area intersections for each of the five study time periods.

During the peak hour scenario, three intersections will continue to operate at unacceptable Levels of Service, at LOS E or F, which include Brunswick Road at Idaho Maryland Road, Brunswick Road at SR 174, and Idaho Maryland Road at Centennial Drive. Two additional intersections will decline to LOS E or F, Idaho Maryland Road at SR 49/20 Eastbound Ramps and Brunswick Road at E. Bennett Road – Greenhorn Road.

During the project traffic hours, when the project employee traffic occurs, three intersections will operate below the LOS threshold. These intersections include the Brunswick Road at Idaho Maryland Road, Brunswick Road at SR 174, and Idaho Maryland Road at Centennial Drive.

Seven intersections will meet the peak hour signal warrant during the a.m. and p.m. peak hour scenarios. These include E. Bennett Road at Tinloy Street, Idaho Maryland Road at SR 49/20 EB Ramps, Brunswick Road at Idaho Maryland Road, Brunswick Road at Whispering Pines Lane, Brunswick Road at E. Bennett Road-Greenhorn Road, Brunswick Road at SR 174 and Idaho Maryland Road at Centennial Drive. The Idaho Maryland Road / SR 49/20 EB Ramps intersection, Brunswick Road / Idaho Maryland Road intersection, Brunswick Road / E. Bennett Road-Greenhorn Road intersection, Brunswick Road / SR 174 intersection and Idaho Maryland Road at Centennial Drive intersection also operate below the accepted LOS D threshold. While the Brunswick Road / Whispering Pines Lane intersection meets the peak hour signal warrant it operates acceptably. During the project hour analyses the same seven intersections will meet the peak hour signal warrant; however, only the Brunswick Road / Idaho Maryland Road intersection, the SR 174 at Brunswick Road intersection and the Idaho Maryland Road at Centennial Drive intersection will operate below the accepted LOS D threshold.

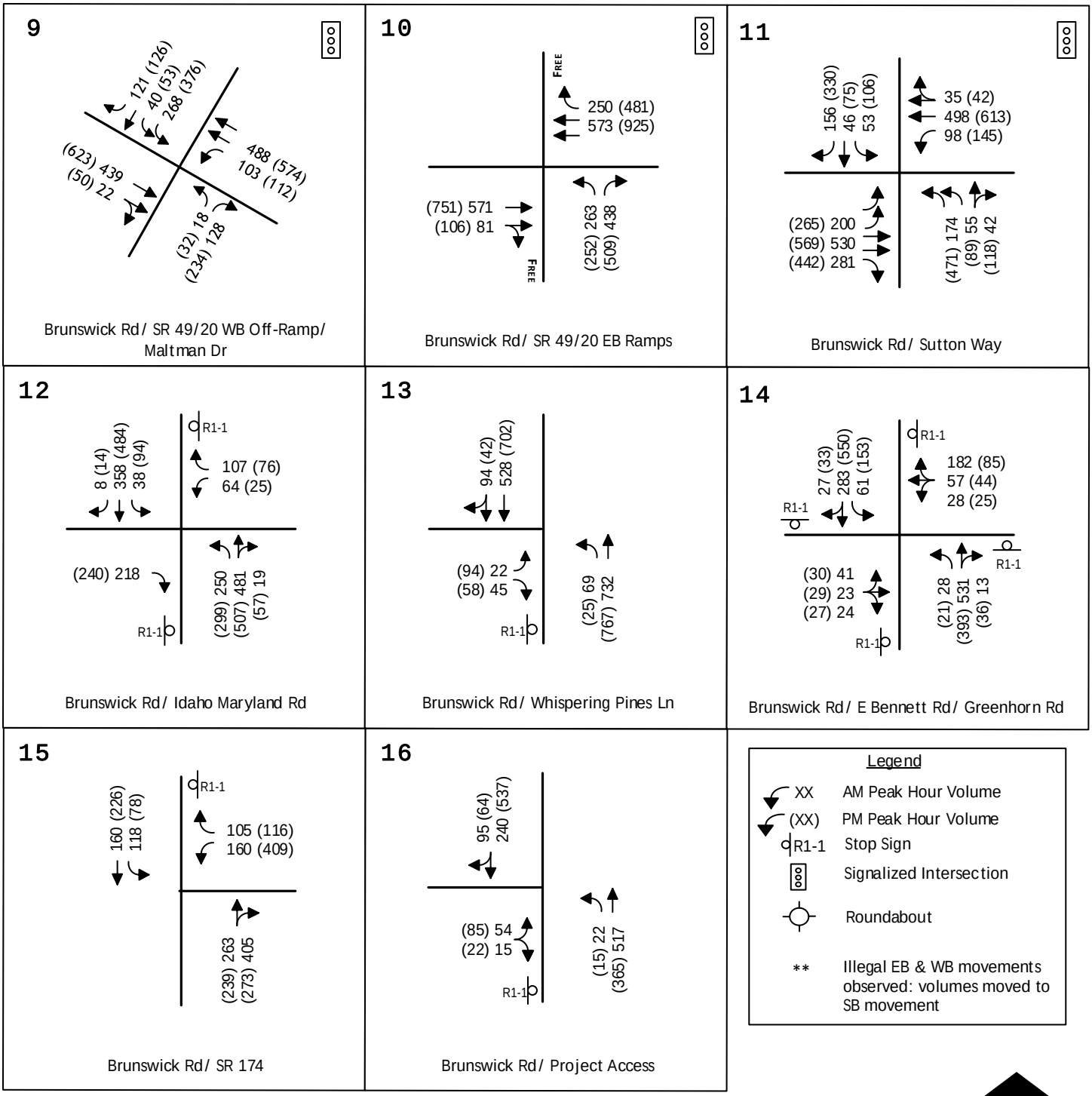


AM/PM PEAK HOURS EPAP PLUS PROJECT
TRAFFIC VOLUMES AND LANE CONFIGURATIONS
(TO SR 49)

KD Anderson & Associates, Inc.
Transportation Engineers

5875-01 RA 4/25/2022

figure 10a

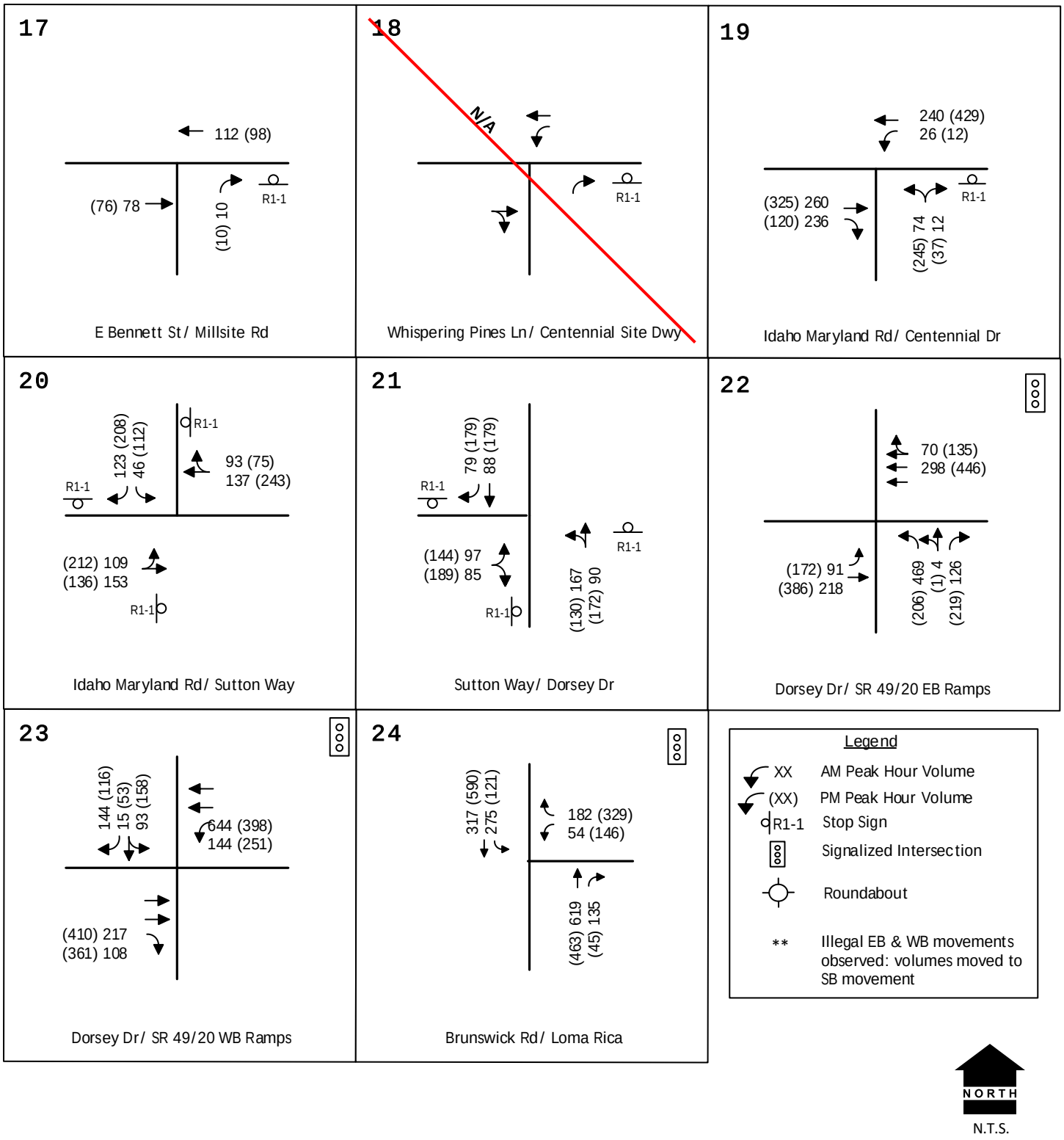


AM/PM PEAK HOURS EPAP PLUS PROJECT
TRAFFIC VOLUMES AND LANE CONFIGURATIONS
(TO SR 49)

KD Anderson & Associates, Inc.
Transportation Engineers

5875-01 RA 4/25/2022

figure 10b

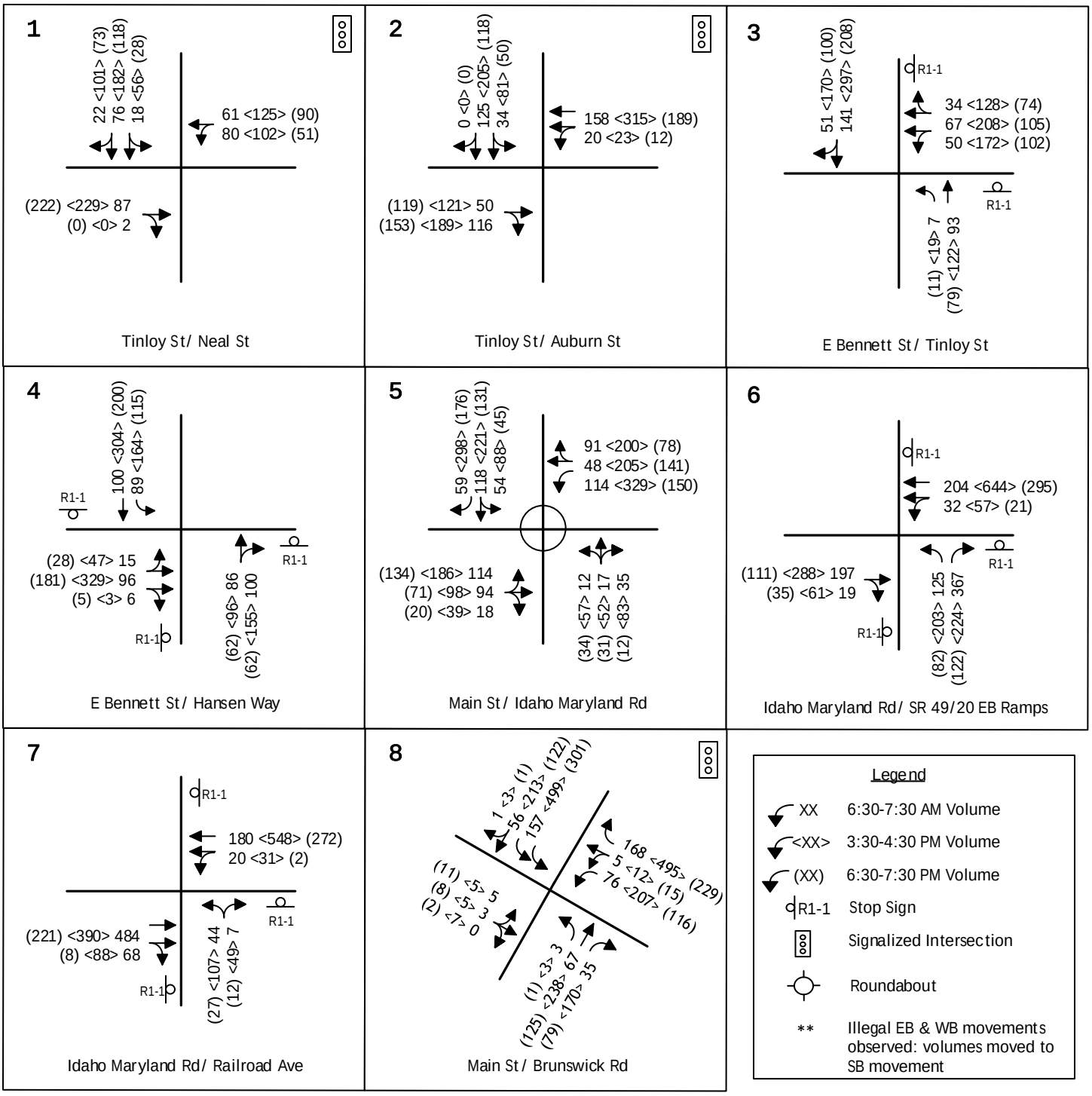


AM/PM PEAK HOURS EPAP PLUS PROJECT
TRAFFIC VOLUMES AND LANE CONFIGURATIONS
(TO SR 49)

KD Anderson & Associates, Inc.
Transportation Engineers

5875-01 RA 4/25/2022

figure 10c

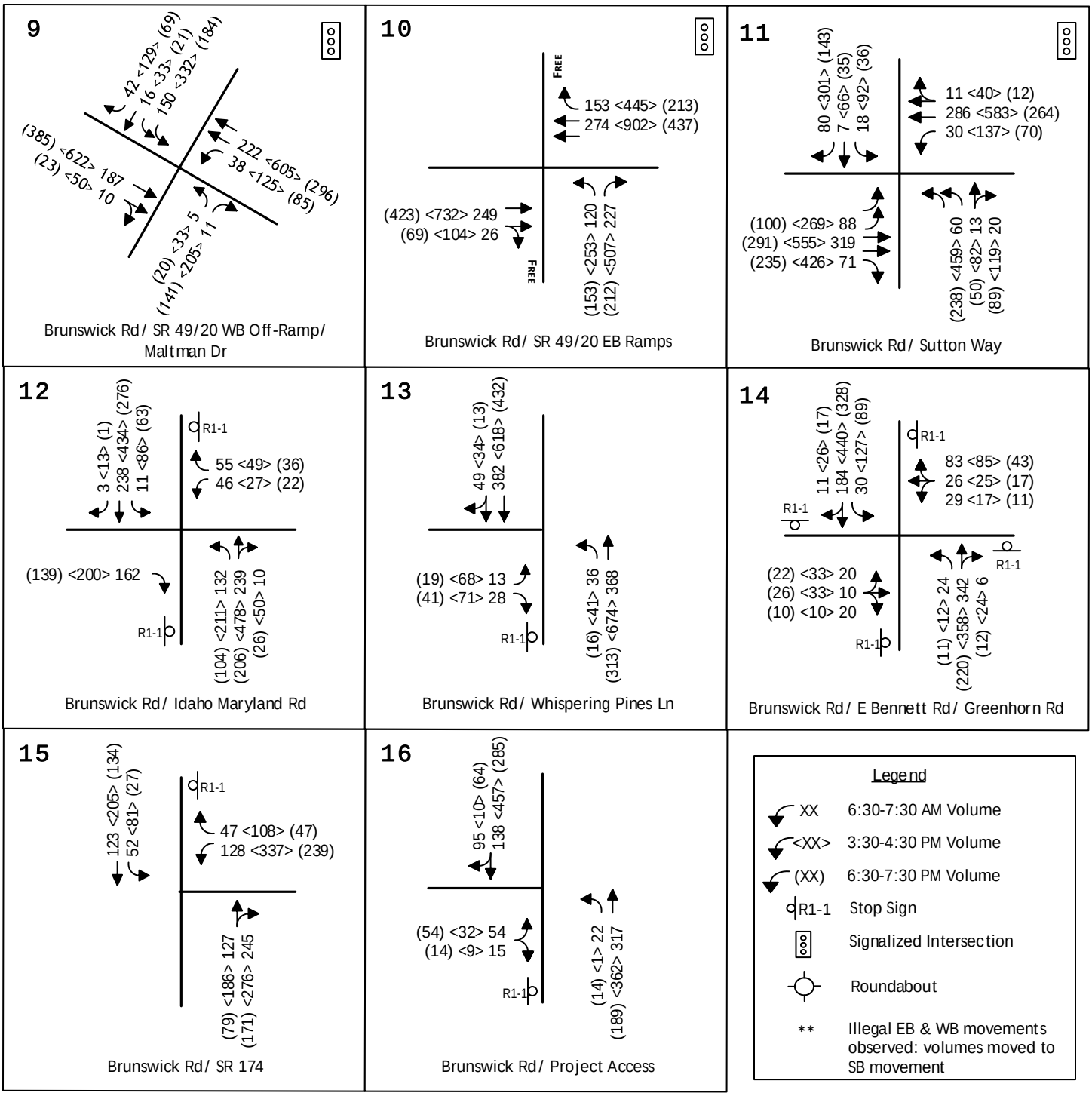


PROJECT TRAFFIC HOURS EPAP PLUS PROJECT
TRAFFIC VOLUMES AND LANE CONFIGURATIONS
(TO SR 49)

KD Anderson & Associates, Inc.
Transportation Engineers

5875-01 RA 4/25/2022

figure 10d

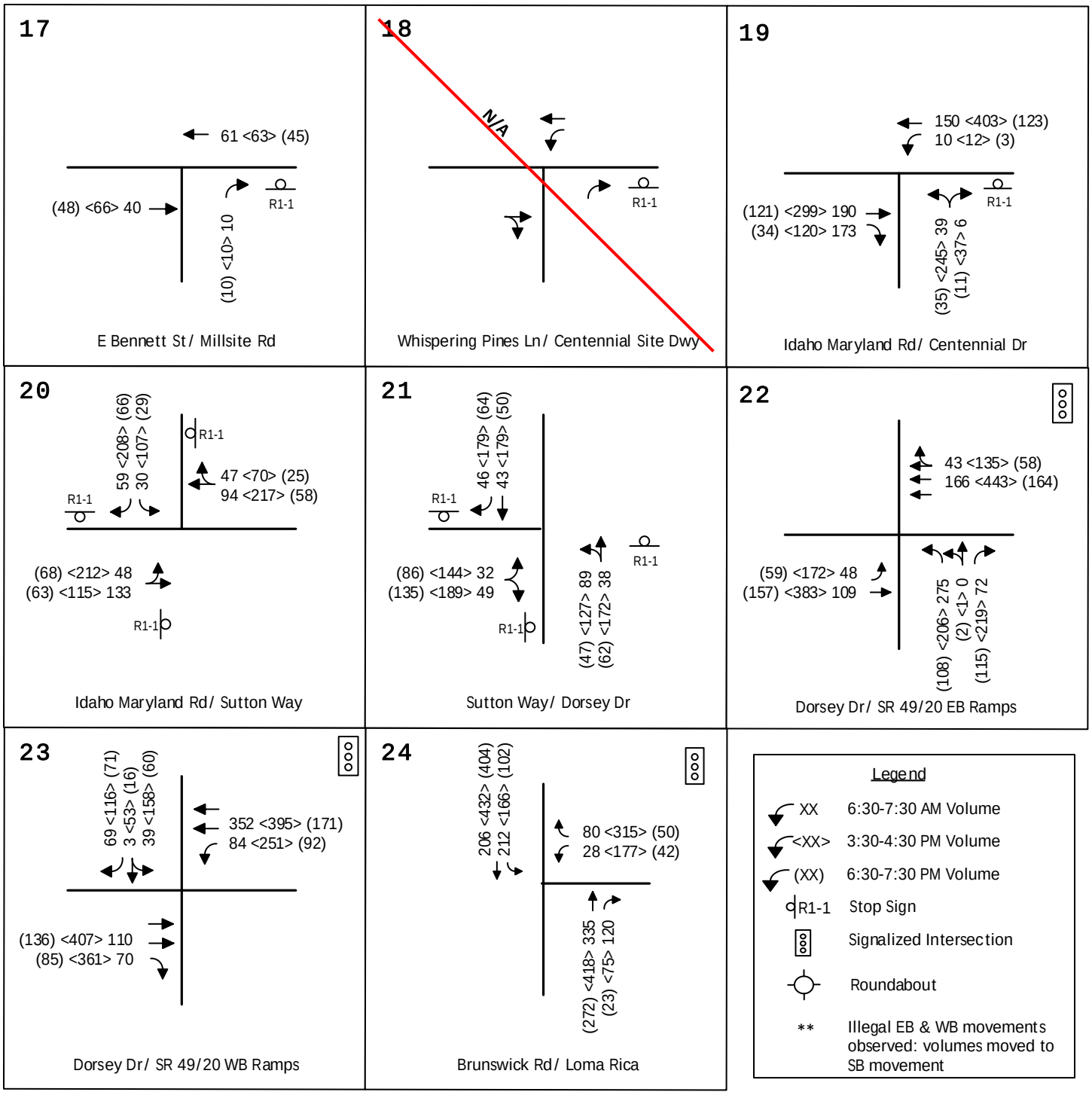


PROJECT TRAFFIC HOURS EPAP PLUS PROJECT TRAFFIC VOLUMES AND LANE CONFIGURATIONS (TO SR 49)

KD Anderson & Associates, Inc.
Transportation Engineers

5875-01 RA 4/25/2022

figure 10e



PROJECT TRAFFIC HOURS PROJECT TRIPS
TRAFFIC VOLUMES AND LANE CONFIGURATIONS
(TO SR 49)

KD Anderson & Associates, Inc.
Transportation Engineers

5875-01 RA 4/25/2022

figure 10f

TABLE 17A
EPAP PLUS PROJECT – SR 49 (SCENARIO #2)
LEVELS OF SERVICE AT INTERSECTIONS
(PEAK HOURS)

Location	Control	EPAP plus Project AM Peak Hour		EPAP plus Project PM Peak Hour		Meets Peak Hour Warrant?
		LOS	Average Delay	LOS	Average Delay	
1. Neal St / Tinloy St ‡◊	Signal	B	13.3	B	11.9	N/A
2. Auburn St / Tinloy St ‡◊	Signal	B	10.2	B	10.7	N/A
3. E. Bennett Rd / Tinloy St – SR 49 WB Off-Ramp ‡◊	SB / WB Stop	A	6.2	A	7.3	Yes
4. E. Bennett Rd / Hansen Way – SR 49 EB On-Ramp ‡◊	AWS	C	20.0	C	16.1	No
5. E. Main St / Idaho Maryland Rd - SR 49 WB Ramps ‡◊	Roundabout	A	7.8	A	7.6	N/A
6. Idaho Maryland Rd / SR 49 EB Ramps ‡◊	AWS	D	31.2	**E**	**44.1**	Yes
7. Idaho Maryland Rd / Railroad Ave ‡◊	AWS	B	14.9	C	24.7	No
8. E. Main St / Brunswick Rd – W. Olympia Dr ‡Δ	Signal	B	10.2	B	14.4	N/A
9. Brunswick Rd / SR 49 WB Off-Ramp – Maltman Dr ‡♦	Signal	B	17.8	C	21.2	N/A
10. Brunswick Rd / SR 49 EB Ramps ‡▲	Signal	B	12.9	B	14.2	N/A
11. Brunswick Rd / Sutton Way ‡▲	Signal	B	12.6	C	24.4	N/A
12. Brunswick Rd / Idaho Maryland Rd ‡● NB Left SB Left EB WB	EB/WB Stop	 A A B **F**	 9.2 8.6 13.5 **209.5**	 A A C **F**	 9.9 9.0 16.2 **176.6**	Yes
13. Brunswick Rd / Whispering Pines Ln ‡● NB Left EB	EB Stop	 A B	 9.4 13.6	 A C	 9.5 19.0	Yes
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd †●	AWS	**F**	**51.0**	**E**	**38.6**	Yes

AWS – all way stop
Bold indicates intersection operates below threshold
† Nevada County
‡Grass Valley

◊ 8:00 – 9:00 a.m. / 4:30 – 5:30 p.m.
♦ 8:00 – 9:00 a.m. / 4:15 – 5:15 p.m.
● 7:45 – 8:45 a.m. / 4:30 – 5:30 p.m.

Δ 8:00 – 9:00 a.m. / 3:30 – 5:30 p.m.
▲ 8:00 – 9:00 a.m. / 3:45 – 4:45 p.m.
□ 8:00 – 9:00 a.m. / 5:00 – 6:00 p.m.

TABLE 17A (continued)
EPAP PLUS PROJECT – SR 49 (SCENARIO #2)
LEVELS OF SERVICE AT INTERSECTIONS
(PEAK HOURS)

Location	Control	EPAP plus Project AM Peak Hour		EPAP plus Project PM Peak Hour		Meets Peak Hour Warrant?
		LOS	Average Delay	LOS	Average Delay	
15. Brunswick Rd / SR 174 †● SB EB Left	SB Stop	C A	18.3 8.1	**F** A	**95.2** 8.0	Yes
16. Brunswick Rd / Project Driveway †● NB Left EB	EB Stop	A B	8.0 12.9	A C	8.9 15.7	No
17. E. Bennett Rd / Millsite Rd †● NB	NB Stop	A	8.7	A	8.7	No
18. Whispering Pines Ln / Centennial Site Driveway	Not Applicable					
19. Idaho Maryland Rd / Centennial Dr ‡Δ NB WB Left	NB Stop	B A	13.9 8.5	**F** A	**148.4** 8.6	Yes
20. Idaho Maryland Rd /Sutton Way ‡Δ	AWS	B	10.3	C	15.5	No
21. Sutton Way / Dorsey Dr ‡Δ	AWS	A	9.9	C	15.9	No
22. Dorsey Dr / SR 49 EB Ramps ‡Δ	Signal	B	15.5	B	13.6	N/A
23. Dorsey Dr / SR 49 WB Ramps ‡Δ	Signal	B	10.0	B	15.0	N/A
24. Brunswick Rd / Loma Rica Dr †□	Signal	C	23.0	B	15.5	N/A

AWS – all way stop
Bold indicates intersection operates below threshold
† Nevada County
‡Grass Valley

◊ 8:00 – 9:00 a.m. / 4:30 – 5:30 p.m.
♦ 8:00 – 9:00 a.m. / 4:15 – 5:15 p.m.
● 7:45 – 8:45 a.m. / 4:30 – 5:30 p.m.

Δ 8:00 – 9:00 a.m. / 3:30 – 5:30 p.m.
▲ 8:00 – 9:00 a.m. / 3:45 – 4:45 p.m.
□ 8:00 – 9:00 a.m. / 5:00 – 6:00 p.m.

TABLE 17B
EPAP PLUS PROJECT –SR 49 (SCENARIO #2)
PEAK HOUR LEVELS OF SERVICE AT INTERSECTIONS
(PROJECT TRAFFIC HOURS)

Location	Control	EPAP plus Project 6:30 – 7:30 AM		EPAP plus Project 3:30 – 4:30 PM		EPAP plus Project 6:30 – 7:30 PM		Meets Peak Hour Warrant?
		LOS	Average Delay	LOS	Average Delay	LOS	Average Delay	
1. Neal St / Tinloy St ‡	Signal	A	5.0	A	8.6	A	6.8	N/A
2. S. Auburn St / Tinloy St ‡	Signal	A	6.2	A	8.6	A	7.0	N/A
3. E. Bennett Rd / Tinloy St – SR 49 WB Off-Ramp ‡	SB / WB Stop	A	3.8	A	6.4	A	4.1	Yes*
4. E. Bennett Rd / Hansen Way – SR 49 EB On-Ramp ‡	AWS	A	9.3	B	15.2	B	10.2	No
5. E. Main St / Idaho Maryland Rd - SR 49 WB Ramps ‡	Roundabout	A	4.8	A	7.0	A	4.6	N/A
6. Idaho Maryland Rd / SR 49 EB Ramps ‡	AWS	C	18.9	D	25.7	B	10.6	Yes*
7. Idaho Maryland Rd / Railroad Ave ‡	AWS	B	12.1	C	18.4	A	9.3	No
8. E. Main St / Brunswick Rd – W. Olympia Dr ‡	Signal	A	6.0	B	14.3	A	9.0	N/A
9. Brunswick Rd / SR 49 WB Off-Ramp – Maltman Dr ‡	Signal	B	16.4	C	20.2	B	17.1	N/A
10. Brunswick Rd / SR 49 EB Ramps ‡	Signal	A	8.8	B	14.3	A	9.2	N/A
11. Brunswick Rd / Sutton Way ‡	Signal	A	5.1	C	22.5	A	9.6	N/A
12. Brunswick Rd / Idaho Maryland Rd ‡								
NB Left	EB/WB Stop	A	8.4	A	9.2	A	8.2	Yes*
SB Left		A	7.9	A	8.9	A	7.9	
EB		B	11.6	B	14.4	B	11.4	
WB		D	26.8	**F**	**107.3**	C	18.8	
13. Brunswick Rd / Whispering Pines Ln ‡								
NB Left	EB Stop	A	8.8	A	9.2	A	8.5	Yes*
EB		B	11.5	C	15.0	B	11.2	
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd †	AWS	B	13.0	C	22.0	B	12.8	Yes*

AWS – all way stop
Bold indicates intersection operates below threshold
† Nevada County
‡Grass Valley

*meets warrant in 3:30 p.m. hour

TABLE 17B (continued)
EPAP PLUS PROJECT –SR 49 (SCENARIO #2)
PEAK HOUR LEVELS OF SERVICE AT INTERSECTIONS
(PROJECT TRAFFIC HOURS)

Location	Control	EPAP plus Project 6:30 – 7:30 AM		EPAP plus Project 3:30 – 4:30 PM		EPAP plus Project 6:30 – 7:30 PM		Meets Peak Hour Warrant?
		LOS	Average Delay	LOS	Average Delay	LOS	Average Delay	
15. Brunswick Rd / SR 174 † SB EB Left	SB Stop	B A	13.1 7.7	**E** A	**38.1** 7.8	B A	13.0 7.4	Yes*
16. Brunswick Rd / Project Driveway † NB Left EB	EB Stop	A B	7.8 11.5	A B	8.4 12.5	A B	8.2 11.7	No
17. E. Bennett Rd / Millsite Rd † NB	NB Stop	A	8.5	A	8.7	A	8.6	No
18. Whispering Pines Ln / Centennial Site Driveway	Not Applicable							
19. Idaho Maryland Rd / Centennial Dr ‡ NB WB Left	NB Stop	B A	12.2 8.4	**F** A	**112.3** 8.5	B A	10.8 7.7	Yes*
20. Idaho Maryland Rd /Sutton Way ‡	AWS	A	8.5	B	14.3	A	8.5	No
21. Sutton Way / Dorsey Dr ‡	AWS	A	8.2	C	15.7	A	9.3	No
22. Dorsey Dr / SR 49 EB Ramps ‡	Signal	A	9.0	B	13.7	A	8.4	N/A
23. Dorsey Dr / SR 49 WB Ramps ‡	Signal	A	6.1	B	15.6	A	7.3	N/A
24. Brunswick Rd / Loma Rica Dr †	Signal	B	11.7	B	15.2	A	8.6	N/A

AWS – all way stop
Bold indicates intersection operates below threshold
* meets warrant in 3:30 p.m. hour
† Nevada County
‡Grass Valley

Intersection Queues. Tables 18A and 18B present information regarding queuing at each study intersection under EPAP plus Project conditions. 95th percentile queues with lengths exceeding the available storage are highlighted. The 95th percentile queue exceeds available storage in 19 locations at 13 intersections considering the five analysis scenarios. Table 18B presents a comparison of EPAP plus Project, Scenario #2 to EPAP conditions. During "Plus Project" conditions no intersections will have a storage length that is greater than 25 feet when compared to the "No Project" condition. The intersections of Neal Street at Tinloy Street and Tinloy Street at S. Auburn Street have queues that will continue to exceed the available storage and back up through the adjacent intersection. Similar conditions will continue to exist at the westbound approach of the Idaho Maryland Rd / SR 49 EB Ramps intersection and the eastbound approach of Brunswick Road at SR 49 Westbound Off-Ramp - Maltman Drive intersection. It is assumed that one additional vehicle (25') can store in the available left or right turn taper and this occurs at five locations. The queues in the westbound left turn lane at the Brunswick Road / Loma Rica Drive intersection will continue to exceed the available storage; however, it will not lengthen beyond the EPAP condition. None of the "Plus Project" condition queues are considered significant.

TABLE 18A
EPAP PLUS PROJECT QUEUES
SR 49 (SCENARIO #2)
PEAK HOURS

Location	Length*	EPAP plus Project AM Peak Hour Queue (feet)	EPAP plus Project PM Peak Hour Queue (feet)
1. Neal St / Tinloy St			
EB	70	114	116
WB	150	214	193
2. S. Auburn St / Tinloy St			
NB through	80	146	147
NB through-left	80	91	78
SB	75	97	141
WB	95	111	117
3. E. Bennett Rd / Tinloy St – SR 49 WB Off-Ramp			
NB left turn	60	33	41
NB through	150	72	67
4. E. Bennett Rd / Hansen Way – SR 49 EB On-Ramp			
SB left turn	60	35	40
SB through	150	68	113

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 18A (continued)
EPAP PLUS PROJECT QUEUES
SR 49 (SCENARIO #2)
PEAK HOURS

Location	Length*	EPAP plus Project AM Peak Hour Queue (feet)	EPAP plus Project PM Peak Hour Queue (feet)
5. E. Main St / Idaho Maryland Rd - SR 49 WB Ramps			
NB	---	28	29
SB	---	37	47
EB	---	99	64
WB	---	55	83
6. Idaho Maryland Rd / SR 49 EB Ramps			
NB right	---	293	80
NB left	355	103	50
WB	90	103	450
7. Idaho Maryland Rd / Railroad Ave			
EB	90	135	113
8. E. Main St / Brunswick Rd – W. Olympia Dr			
NB left	110	---	<25
NB right	125	82	132
SB left (2 lanes)	355	114	194
WB left (2 lanes)	150	91	88
WB right	150	93	150
9. Brunswick Rd / SR 49 WB Off-Ramp – Maltman Dr			
NB left	100	50	76
NB right	100	83	129
SB left (2 lanes)	260	176	214
SB right	260	71	86
EB	160	147	208
WB left	145	102	97
10. Brunswick Rd / SR 49 EB Ramps			
NB left	200	231	228
NB right	---	234	252
11. Brunswick Rd / Sutton Way			
NB left (2 lanes)	280	102	278
SB left	190	73	125
SB right	180	---	---
EB left (2 lanes)	185	85	137
EB right	250	110	175
WB left	125	87	166

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 18A (continued)
EPAP PLUS PROJECT QUEUES
SR 49 (SCENARIO #2)
PEAK HOURS

Location	Length*	EPAP plus Project AM Peak Hour Queue (feet)	EPAP plus Project PM Peak Hour Queue (feet)
12. Brunswick Rd / Idaho Maryland Rd			
NB left	540	<25	30
SB left	120	<25	<25
EB right	---	40	55
WB left	60	175	90
13. Brunswick Rd / Whispering Pines Ln			
NB left	210	<25	<25
EB left	110	<25	35
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd			
NB left	225	<25	<25
SB left	260	<25	30
EB	---	<25	<25
WB	---	78	30
15. Brunswick Rd / SR 174			
SB left	90	60	415
EB left	130	<25	<25
16. Brunswick Rd / Project Driveway			
NB left	350	<25	<25
EB	---	<25	25
17. E. Bennett Rd / Millsite Rd			
NB right	---	<25	<25
18. Whispering Pines Ln / Project Driveway – Not Applicable			
19. Idaho Maryland Rd / Centennial Dr			
NB	---	<25	385
WB left	130	<25	<25
20. Idaho Maryland Rd /Sutton Way			
SB right	90	<25	48
SB left	---	<25	25
EB	---	48	115
WB	---	38	88
21. Sutton Way / Dorsey Dr			
SB right	120	<25	38
SB thru	---	<25	45
NB	---	45	100
EB	---	28	113

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 18A (continued)
EPAP PLUS PROJECT QUEUES
SR 49 (SCENARIO #2)
PEAK HOURS

Location	Length*	EPAP plus Project AM Peak Hour Queue (feet)	EPAP plus Project PM Peak Hour Queue (feet)
22. Dorsey Dr / SR 49 EB Ramps			
NB Left (2 lanes)	215	223	111
NB right	215	89	95
EB left	180	106	160
23. Dorsey Dr / SR 49 EB Ramps			
SB right	400	71	62
SB left-thru	400	105	154
EB right	155	70	190
WB left	180	123	178
24. Dorsey Dr / SR 49 EB Ramps			
NB right	410	33	<25
SB left	400	233	103
WB left	100	59	127

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 18B
EPAP PLUS PROJECT QUEUES
SR 49 (SCENARIO #2)
(PROJECT TRAFFIC HOURS)

Location	Length*	No Project EPAP 6:30 – 7:30 AM Queue (feet)	Plus Project EPAP 6:30 – 7:30 AM Queue (feet)	No Project EPAP 3:30 – 4:30 PM Queue (feet)	Plus Project EPAP 3:30 – 4:30 PM Queue (feet)	No Project EPAP 6:30 – 7:30 PM Queue (feet)	Plus Project EPAP 6:30 – 7:30 PM Queue (feet)
1. Neal St / Tinloy St							
EB	70	67	66	105	103	99	94
WB	150	86	87	139	138	95	89
2. S. Auburn St / Tinloy St							
NB through	80	78	71	115	109	78	76
NB through-left	80	55	52	76	67	53	52
SB	75	78	71	109	104	101	100
WB	95	84	82	99	103	79	75
3. E. Bennett Rd / Tinloy St – SR 49 WB Off-Ramp							
NB left turn	60	27	27	41	43	31	32
NB through	150	46	45	54	56	47	45
4. E. Bennett Rd / Hansen Way – SR 49 EB On-Ramp							
SB left turn	60	<25	<25	38	38	<25	<25
SB through	150	<25	<25	95	95	35	35
5. E. Main St / Idaho Maryland Rd - SR 49 WB Ramps							
NB	---	<25	<25	26	26	<25	<25
SB	---	<25	<25	49	51	<25	<25
EB	---	30	32	63	60	28	29
WB	---	<25	<25	53	53	26	27
6. Idaho Maryland Rd / SR 49 EB Ramps							
NB right	---	133	183	63	63	<25	<25
NB left	355	33	33	63	63	<25	<25
WB	90	33	40	220	240	35	43

Highlighted values indicate queue length in excess of available storage with 25-feet or less increase from No Project condition
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 18B (continued)
EPAP PLUS PROJECT QUEUES
SR 49 (SCENARIO #2)
(PROJECT TRAFFIC HOURS)

Location	Length*	No Project EPAP 6:30 – 7:30 AM Queue (feet)	Plus Project EPAP 6:30 – 7:30 AM Queue (feet)	No Project EPAP 3:30 – 4:30 PM Queue (feet)	Plus Project EPAP 3:30 – 4:30 PM Queue (feet)	No Project EPAP 6:30 – 7:30 PM Queue (feet)	Plus Project EPAP 6:30 – 7:30 PM Queue (feet)
7. Idaho Maryland Rd / Railroad Ave							
EB	90	80	95	98	100	<25	25
8. E. Main St / Brunswick Rd – W. Olympia Dr							
NB left	110	<25	<25	<25	<25	<25	<25
NB right	125	44	43	122	132	58	63
SB left (2 lanes)	355	65	72	175	193	105	104
WB left (2 lanes)	150	40	46	92	88	62	64
WB right	150	49	58	155	163	77	82
9. Brunswick Rd / SR 49 WB Off-Ramp – Maltman Dr							
NB left	100	<25	26	63	73	55	52
NB right	100	30	30	123	131	76	81
SB left (2 lanes)	260	126	136	197	194	138	149
SB right	260	47	53	84	97	55	52
EB	160	59	58	201	203	133	129
WB left	145	62	57	106	108	90	90
10. Brunswick Rd / SR 49 EB Ramps							
NB left	200	153	165	224	231	182	182
NB right	---	113	113	243	257	85	97
11. Brunswick Rd / Sutton Way							
NB left (2 lanes)	280	53	57	253	268	119	111
SB left	190	42	40	104	99	58	57
SB right	180	---	---	---	<25	---	---
EB left (2 lanes)	185	55	58	133	124	69	64
EB right	250	48	46	157	154	84	80
WB left	125	44	46	142	152	72	70

Highlighted values indicate queue length in excess of available storage with 25-feet or less increase from No Project condition
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 18B (continued)
EPAP PLUS PROJECT QUEUES
SR 49 (SCENARIO #2)
(PROJECT TRAFFIC HOURS)

Location	Length*	No Project EPAP 6:30 – 7:30 AM Queue (feet)	Plus Project EPAP 6:30 – 7:30 AM Queue (feet)	No Project EPAP 3:30 – 4:30 PM Queue (feet)	Plus Project EPAP 3:30 – 4:30 PM Queue (feet)	No Project EPAP 6:30 – 7:30 PM Queue (feet)	Plus Project EPAP 6:30 – 7:30 PM Queue (feet)
12. Brunswick Rd / Idaho Maryland Rd							
NB left	540	<25	<25	<25	<25	<25	<25
SB left	120	<25	<25	<25	<25	<25	<25
EB right	---	<25	28	40	40	<25	<25
WB left	60	25	43	68	75	<25	<25
13. Brunswick Rd / Whispering Pines Ln							
NB left	210	<25	<25	<25	<25	<25	<25
EB left	110	<25	<25	<25	<25	<25	<25
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd							
NB left	225	<25	<25	<25	<25	<25	<25
SB left	260	<25	<25	<25	<25	<25	<25
EB	---	<25	<25	<25	<25	<25	<25
WB	---	<25	<25	<25	<25	<25	<25
15. Brunswick Rd / SR 174							
SB left	90	25	30	205	215	43	48
EB left	130	<25	<25	<25	<25	<25	<25
16. Brunswick Rd / Project Driveway							
NB left	350	---	<25	---	<25	---	<25
EB	---	---	<25	---	<25	---	<25
17. E. Bennett Rd / Millsite Rd							
NB right	---	---	<25	---	<25	---	<25
18. Whispering Pines Ln / Project Driveway – Not Applicable							
19. Idaho Maryland Rd / Centennial Dr							
NB	---	<25	<25	318	335	<25	<25
WB left	130	<25	<25	<25	<25	<25	<25

Highlighted values indicate queue length in excess of available storage with 25-feet or less increase from No Project condition
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 18B (continued)
EPAP PLUS PROJECT QUEUES
SR 49 (SCENARIO #2)
(PROJECT TRAFFIC HOURS)

Location	Length*	No Project EPAP 6:30 – 7:30 AM Queue (feet)	Plus Project EPAP 6:30 – 7:30 AM Queue (feet)	No Project EPAP 3:30 – 4:30 PM Queue (feet)	Plus Project EPAP 3:30 – 4:30 PM Queue (feet)	No Project EPAP 6:30 – 7:30 PM Queue (feet)	Plus Project EPAP 6:30 – 7:30 PM Queue (feet)
20. Idaho Maryland Rd /Sutton Way							
SB right	90	<25	<25	45	48	<25	<25
SB left	---	<25	<25	<25	<25	<25	<25
ÈB	---	<25	25	98	100	<25	<25
WB	---	<25	<25	63	73	<25	<25
21. Sutton Way / Dorsey Dr							
SB right	120	<25	<25	38	38	<25	<25
SB thru	---	<25	<25	43	45	<25	<25
NB	---	<25	<25	98	98	<25	<25
EB	---	<25	<25	110	110	40	40
22. Dorsey Dr / SR 49 EB Ramps							
NB Left (2 lanes)	215	112	107	104	113	56	59
NB right	215	41	41	98	99	48	54
EB left	180	60	62	155	157	56	65
23. Dorsey Dr / SR 49 EB Ramps							
SB right	400	50	50	58	57	48	49
SB left-thru	400	53	57	154	151	67	69
EB right	155	36	39	199	196	41	41
WB left	180	81	77	184	179	84	84
24. Brunswick Rd / Loma Rica Dr							
NB right	410	32	30	26	26	<25	<25
SB left	400	137	150	135	135	65	69
WB left	100	33	36	163	163	36	38

Highlighted values indicate queue length in excess of available storage with 25-feet or less increase from No Project condition
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

EPAP Plus Project Conditions (Scenario #2) Roadway Segment Levels of Service. Table 19 summarizes the Levels of Service based on the EPAP traffic volumes on study area roads with the existing roadway configuration. All segments along Brunswick Road and E. Bennett Road will continue to operate at LOS D or better while the SR 174 segment will continue to operate at LOS E. The SR 174 segment exceeds the LOS C threshold in both directions.

TABLE 19
EPAP PLUS PROJECT
SR 49 (SCENARIO #2)
ROADWAY SEGMENT LEVELS OF SERVICE

Roadway	Location	Facility Classification	ATS/PTSF/LOS EPAP plus Project PM Peak Hour
Brunswick Rd	SR 49 to Whispering Pines Ln	Class I Highway	
	NB		31.2 / 77.7 / D
	SB		31.1 / 78.0 / D
	Whispering Pines Ln to E. Bennett Rd	Class I Highway	
	NB		36.1 / 72.5 / D
	SB		35.5 / 83.6 / D
	E. Bennett Rd to Project Driveway	Class I Highway	
	NB		34.9 / 68.3 / D
	SB		34.8 / 80.1 / D
	Project Driveway to SR 174	Class I Highway	
	NB		33.7 / 67.9 / D
	SB		33.2 / 83.9 / D
E. Bennett Rd	Project Driveway to Brunswick Rd	Class III Highway	
	EB		36.1 / 37.6 / B
	WB		34.8 / 53.4 / B
SR 174	Brunswick Rd to Empire St	Class I Highway	
	EB		**30.2 / 59.8 / E**
	WB		**29.2 / 78.2 / E**

ATS – average travel speed
PTSF – percent time spent following
LOS – level of service
Bold indicates LOS threshold exceeded

VII. CUMULATIVE IMPACTS (2035)

The analysis of the long range 2035 cumulative condition is intended to consider the impact of this project within the context of the Nevada County region buildout projected to occur by 2035.

VII.1. Year 2035 Forecasts / Conditions

2035 Traffic Forecasts

Year 2035 traffic forecasts were based on the Nevada County Transportation Commission (NCTC) regional travel demand model and includes those projects identified in the EPAP scenario. Fehr & Peers maintains the NCTC model and provided a.m., p.m. and daily model volumes for the base year 2012 and the build out year 2035. Based on direction from the Nevada County Public Works Department the differential method was used to develop peak hour turning movements at all study intersections. The method adds the difference between the two model results to the existing traffic conditions. Turning movements at each intersection for the remaining three scenarios were developed by applying the differential method with the proportional traffic rate between the off-peak scenarios and the peak hour scenarios. Figures 11A through 11F display the Cumulative No Project traffic volumes at each study intersection for each of the five study time periods.

Roadway Conditions

The roadways studied for this project are generally projected to remain with their current lane configurations in 2035. The following changes to the projected 2035 roadway network were identified based on Nevada County, Grass Valley and Caltrans project lists:

- Idaho Maryland Road / SR 49/20 Ramps
  - Install traffic signal with NB overlap

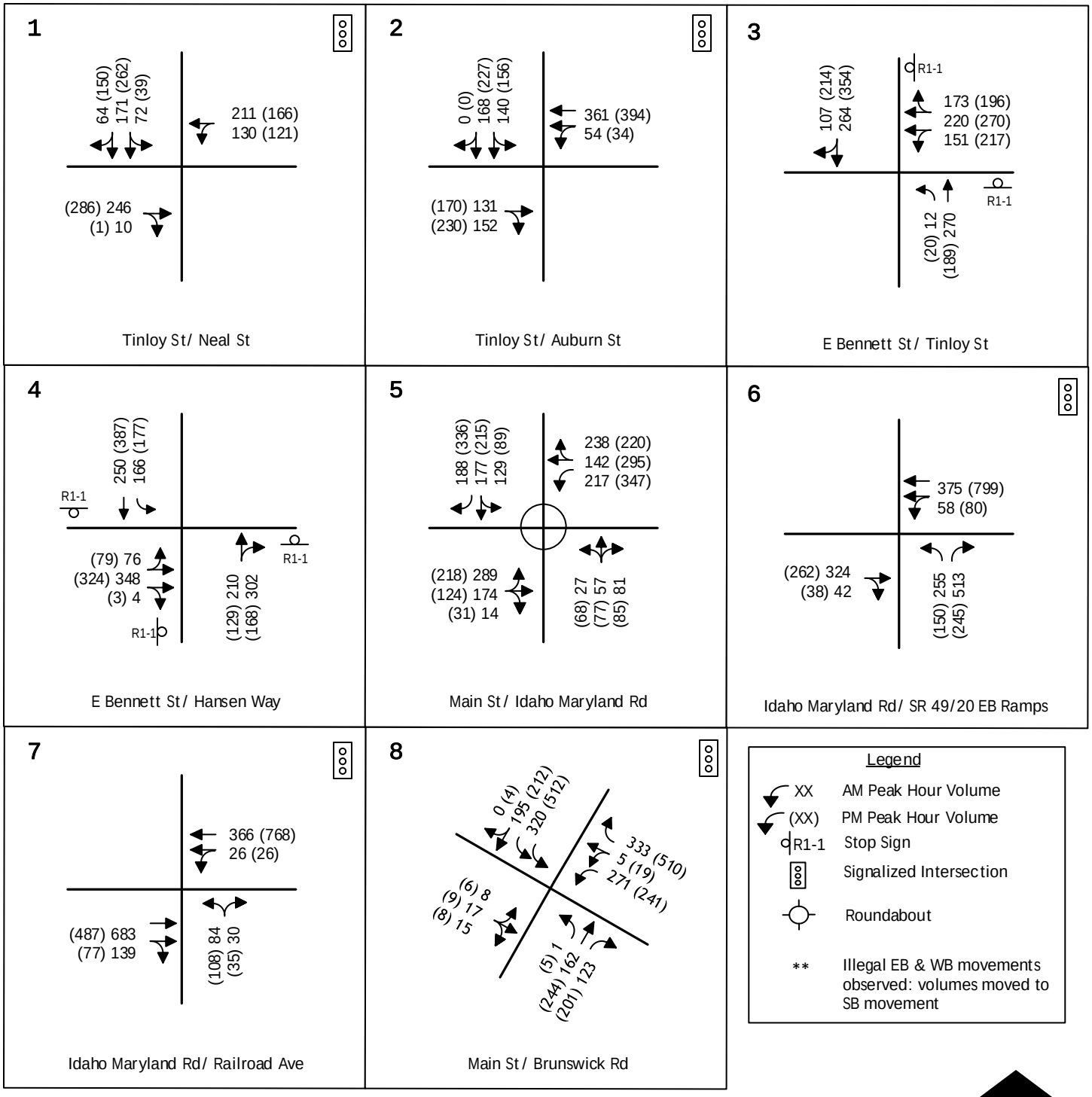
- Idaho Maryland Road / Railroad Avenue
  - Install traffic signal

- Brunswick Road / Idaho Maryland Road
  - Install traffic signal, split phase on Idaho Maryland Road with EB overlap
  - Lane configuration to include:
    - eastbound left-through lane and right turn lane
    - westbound left-through lane and right turn lane
    - northbound left turn lane and through-right lane
    - southbound left turn lane, through lane and through-right lane

- Idaho Maryland Road / Centennial Drive
  - Install traffic signal

Signal timing was optimized at all intersections. Other roadway improvements were identified; however, none were operational and have not been listed.

One intersection, SR 174 at Brunswick Road was previously identified to be signalized in the NCTC Regional Transportation Program (RTMF). The most recent study, the NCTC 2016 Nexus Study, removed the project from the program as this study showed acceptable intersection levels of service. The Caltrans SR 174 TCR continues to identify this intersection as a planned, but unfunded improvement which could include either a traffic signal or roundabout. Based on this data, the intersection was analyzed under current traffic operations.



AM/PM PEAK HOURS CUMULATIVE NO PROJECT
TRAFFIC VOLUMES AND LANE CONFIGURATIONS

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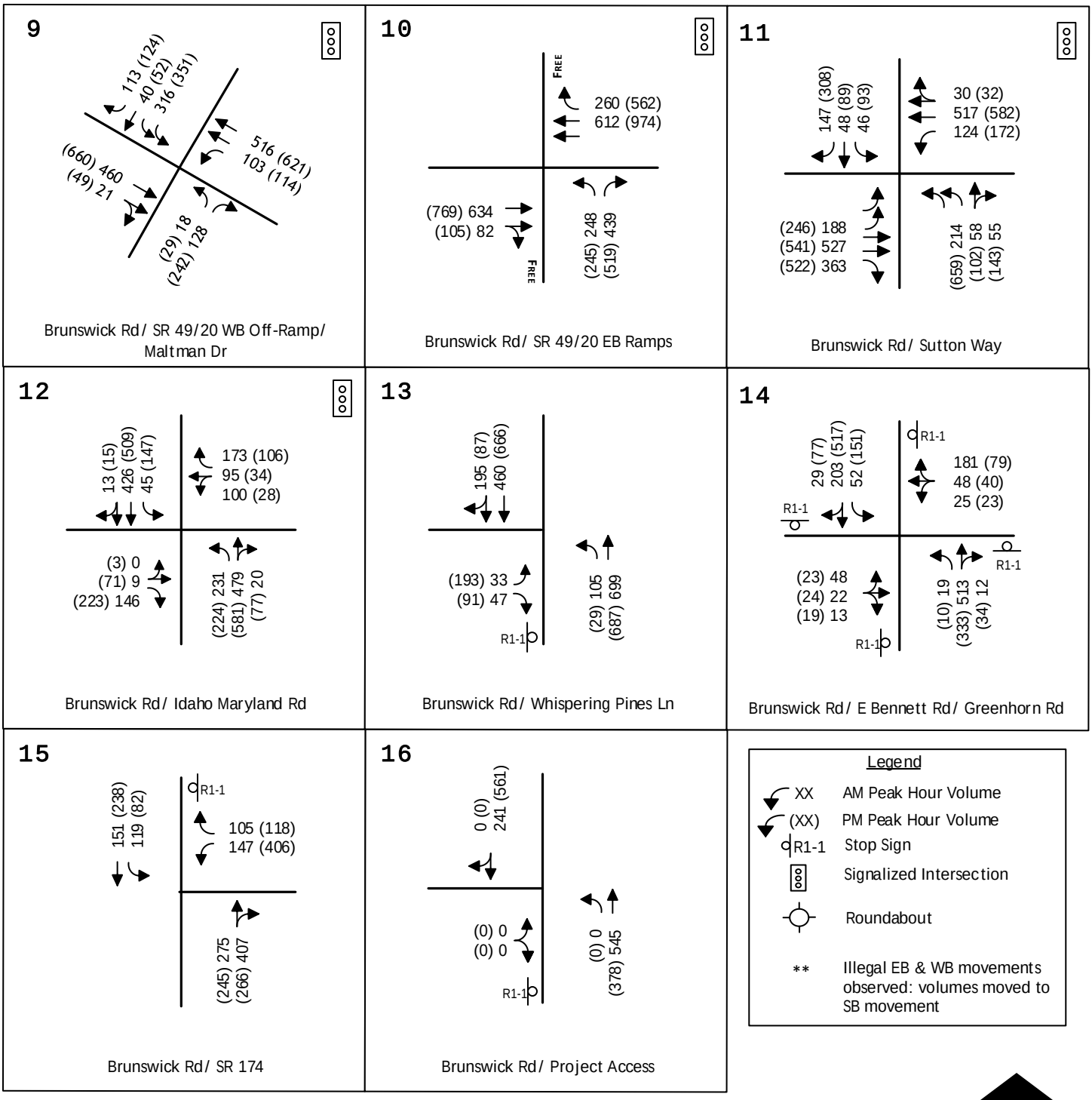
figure 11a



AM/PM PEAK HOURS CUMULATIVE NO PROJECT
TRAFFIC VOLUMES AND LANE CONFIGURATIONS

KD Anderson & Associates, Inc.
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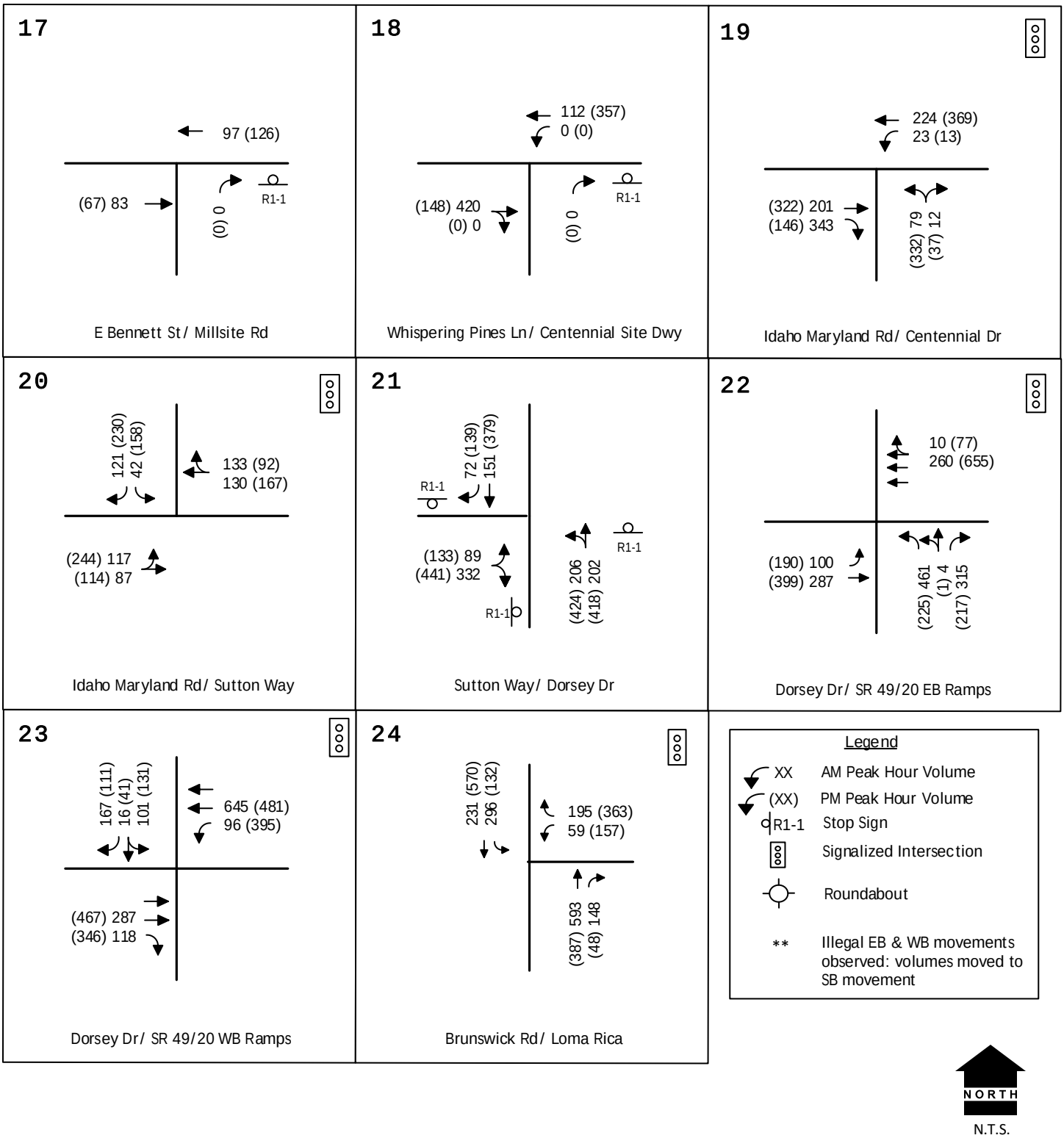
figure 11b



AM/PM PEAK HOURS CUMULATIVE NO PROJECT
TRAFFIC VOLUMES AND LANE CONFIGURATIONS

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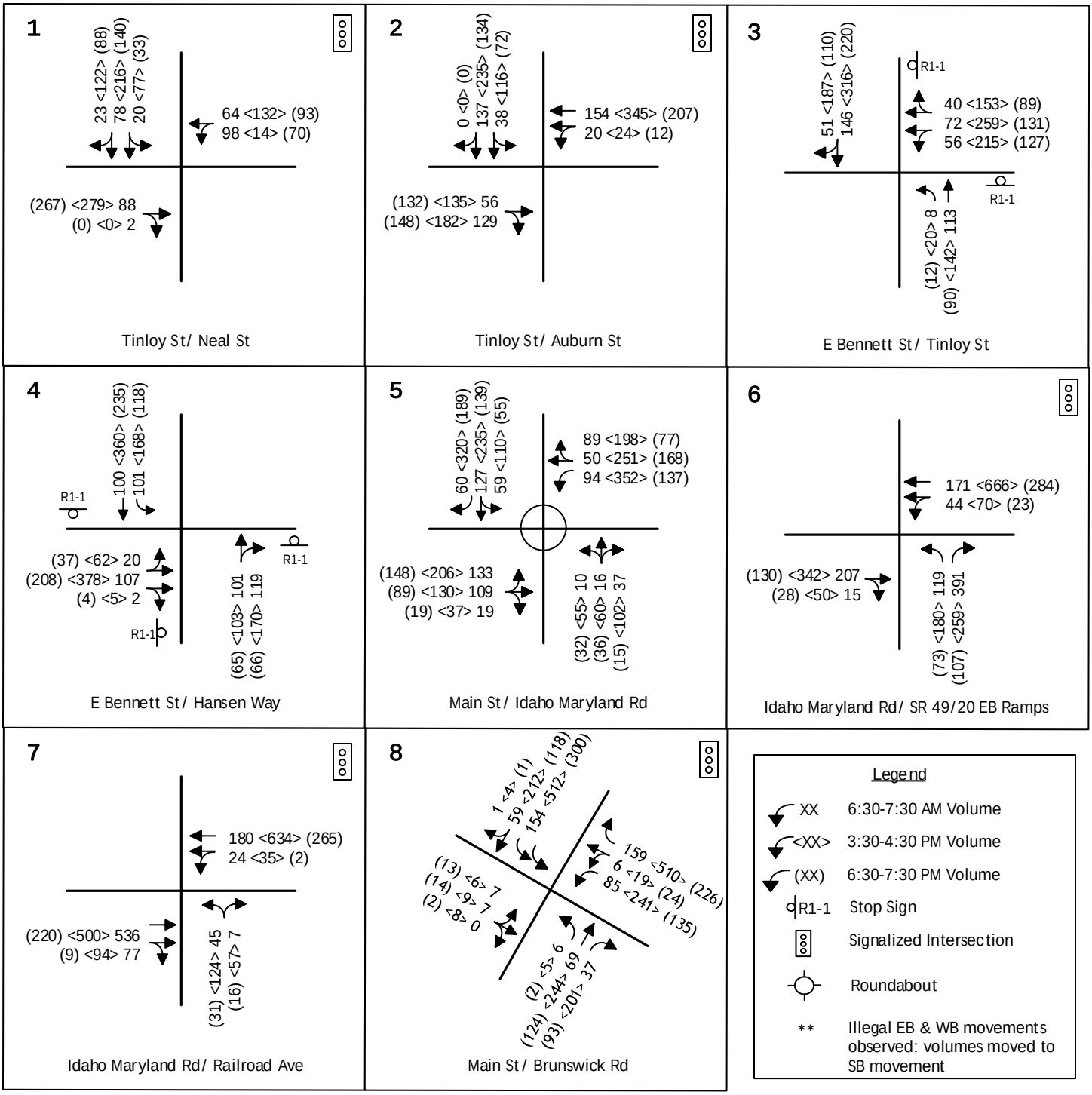
figure 11c



PROJECT TRAFFIC HOURS CUMULATIVE NO PROJECT
TRAFFIC VOLUMES AND LANE CONFIGURATIONS

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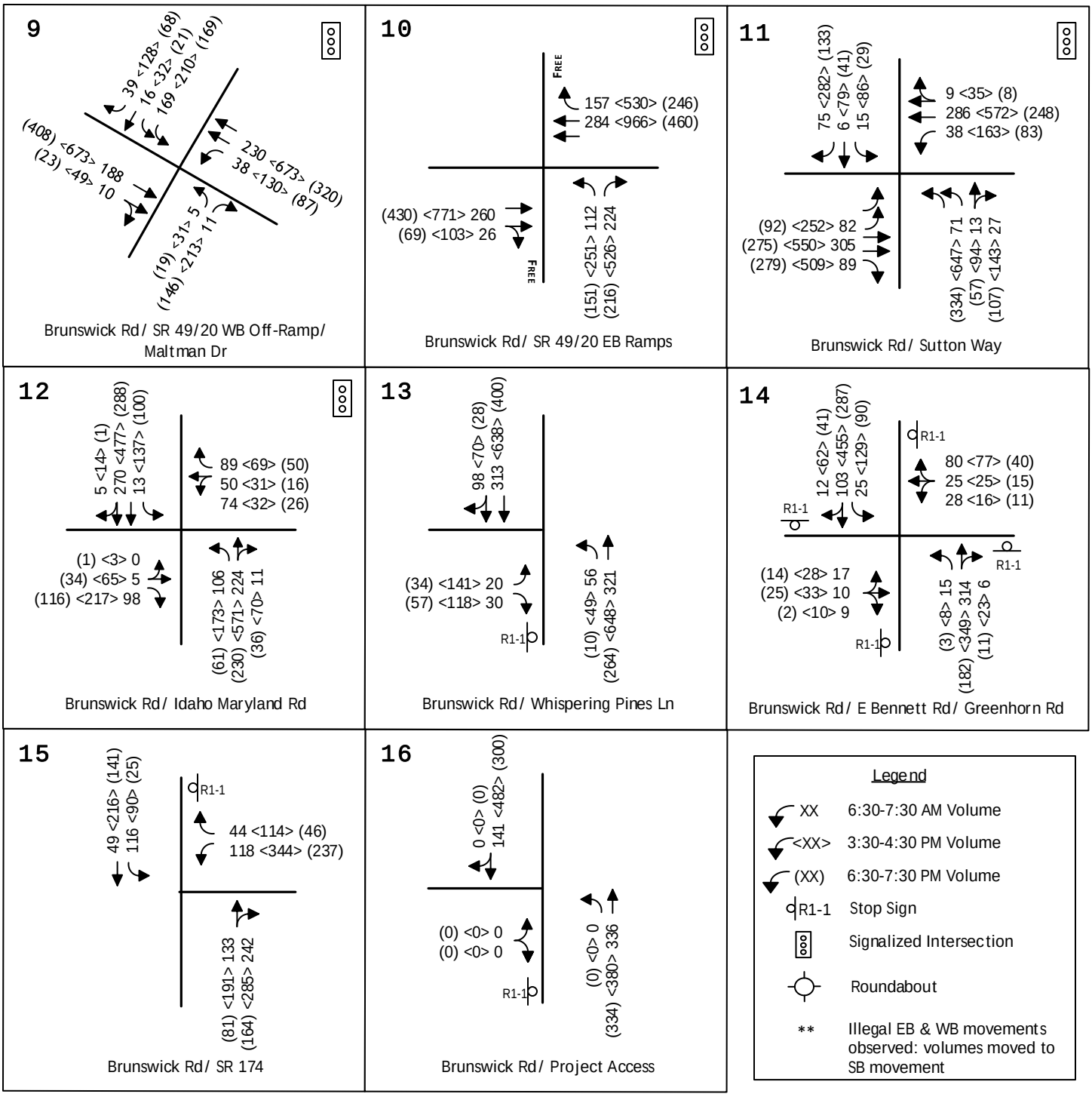
figure 11d



PROJECT TRAFFIC HOURS CUMULATIVE NO PROJECT
TRAFFIC VOLUMES AND LANE CONFIGURATIONS

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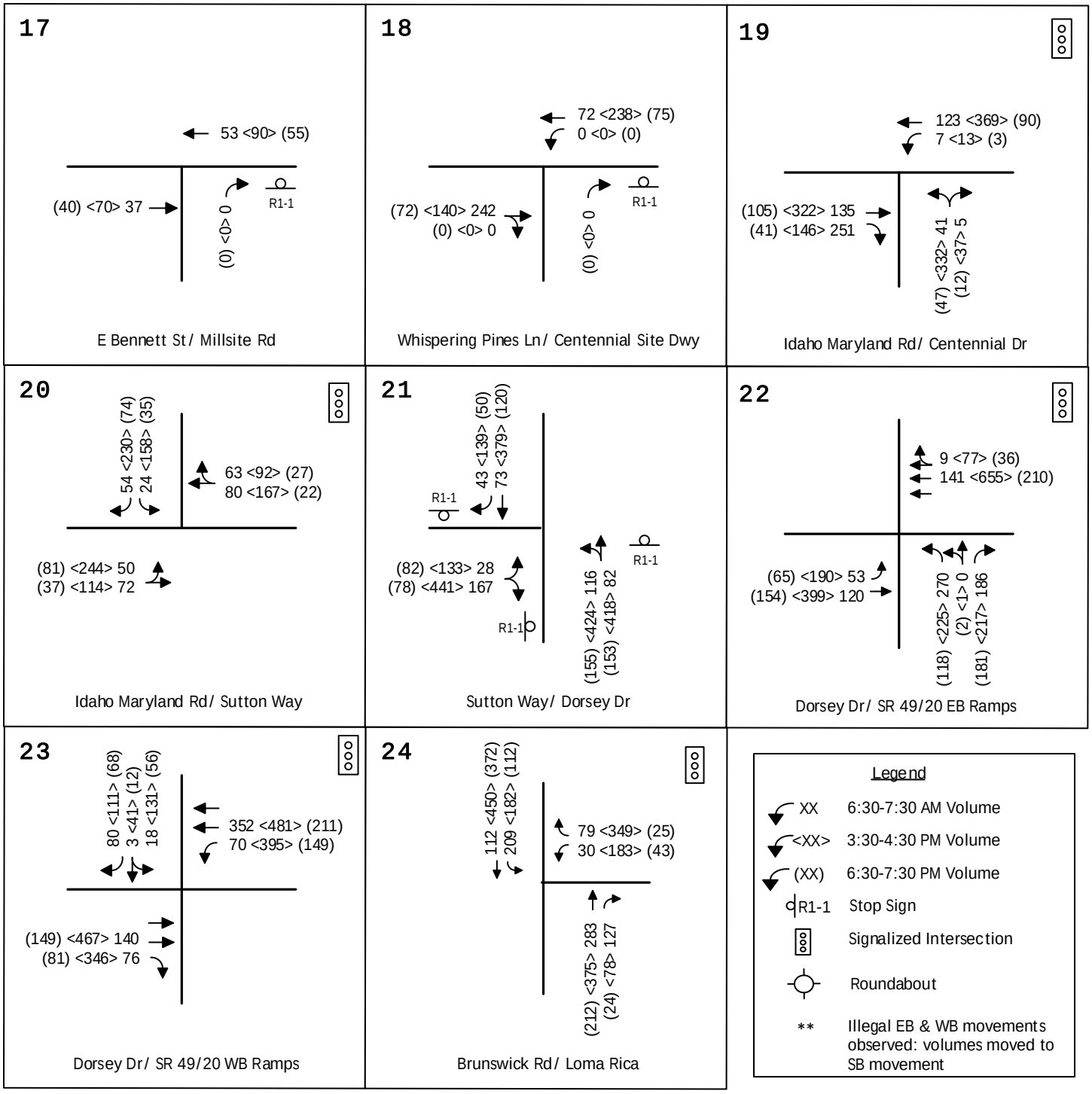
figure 11e



PROJECT TRAFFIC HOURS CUMULATIVE NO PROJECT
TRAFFIC VOLUMES AND LANE CONFIGURATIONS

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figure 11f

2035 Intersection Levels of Service. The Cumulative volumes were used to recalculate operating Levels of Service at the study intersections. Tables 20A and 20B summarize operating Levels of Service at the study area intersections for each of the five study time periods.

During the peak hour scenario three intersections will operate at unacceptable Levels of Service, at LOS E or F, which include Brunswick Road at E. Bennett Road – Greenhorn Road, SR 174 at Brunswick Road and Sutton Way at Dorsey Drive.

During the project traffic hours when most of the project traffic occurs, two intersections will operate below the LOS threshold during the 3:30 to 4:30 period when administrative staff is departing. These include Sutton Way at Dorsey Drive which will operate at LOS F and SR 174 at Brunswick Road which will operate at LOS E.

Seven intersections will meet the peak hour signal warrant during the a.m. and p.m. peak hour scenarios and the 3:30 – 4:30 p.m. project traffic scenario. These include E. Bennett Road at Tinloy Street - SR 49 WB Off-Ramp, E. Bennett Street at Hansen Way - SR 49 EB On-Ramp, Brunswick Road at Whispering Pines Lane, Brunswick Road at E. Bennett Road – Greenhorn Road, SR 174 at Brunswick Road, Idaho-Maryland Road / Sutton Way and Sutton Way at Dorsey Drive. As identified above, the Brunswick Road at E. Bennett Road – Greenhorn Road, SR 174 at Brunswick Road and Sutton Way at Dorsey Drive intersections also operate below the accepted LOS threshold.

TABLE 20A
CUMULATIVE CONDITIONS
LEVELS OF SERVICE AT INTERSECTIONS – PEAK HOURS

Location	Control	Cumulative AM Peak Hour		Cumulative PM Peak Hour		Meets Peak Hour Warrant?
		LOS	Average Delay	LOS	Average Delay	
1. Neal St / Tinloy St ‡◊	Signal	B	17.2	D	40.2	N/A
2. S. Auburn St / Tinloy St ‡◊	Signal	B	10.8	B	14.6	N/A
3. E. Bennett Rd / Tinloy St – SR 49 WB Off-Ramp ‡◊	SB / WB Stop	A	7.2	A	9.9	Yes
4. E. Bennett Rd / Hansen Way – SR 49 EB On-Ramp ‡◊	AWS	D	33.2	C	20.7	Yes
5. E. Main St / Idaho Maryland Rd - SR 49 WB Ramps ‡◊	Roundabout	A	9.1	A	8.7	N/A
6. Idaho Maryland Rd / SR 49 EB Ramps ‡◊	Signal	C	23.9	C	22.5	N/A
7. Idaho Maryland Rd / Railroad Ave ‡◊	Signal	B	16.4	C	26.2	N/A
8. E. Main St / Brunswick Rd – W. Olympia Dr ‡Δ	Signal	B	11.4	B	16.5	N/A
9. Brunswick Rd / SR 49 WB Off-Ramp – Maltman Dr ‡♦	Signal	B	18.8	C	21.0	N/A
10. Brunswick Rd / SR 49 EB Ramps ‡▲	Signal	B	13.0	B	14.5	N/A
11. Brunswick Rd / Sutton Way ‡▲	Signal	B	13.4	C	33.5	N/A
12. Brunswick Rd / Idaho Maryland Rd ‡●	Signal	C	28.8	D	36.4	N/A
13. Brunswick Rd / Whispering Pines Ln ‡● NB Left EB	EB Stop	 A B	 9.7 14.7	 A D	 9.6 28.8	Yes
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd †●	AWS	**E**	**38.3**	D	32.3	Yes
15. Brunswick Rd / SR 174 †● EB Left SB	SB Stop	 A C	 8.2 17.6	 A **F**	 8.0 **106.8**	Yes
16. Brunswick Rd / Project Driveway †●	EB Stop	Not Studied				
17. E. Bennett Rd / Millsite Rd †●	NB Stop	Not Studied				
18. Whispering Pines Ln / Centennial Site Driveway ‡◊	NB Stop	Not Studied				
19. Idaho Maryland Rd / Centennial Dr ‡Δ	Signal	A	7.8	B	14.7	N/A
20. Idaho Maryland Rd /Sutton Way ‡Δ	AWS	A	9.7	C	16.1	Yes
21. Sutton Way / Dorsey Dr ‡Δ	AWS	C	19.1	**F**	**213.1**	Yes
22. Dorsey Dr / SR 49 EB Ramps ‡Δ	Signal	B	13.7	B	14.7	N/A
23. Dorsey Dr / SR 49 WB Ramps ‡Δ	Signal	A	9.3	B	18.4	N/A
24. Brunswick Rd / Loma Rica Dr†□	Signal	C	24.4	B	15.3	N/A

AWS – all way stop † Nevada County ‡Grass Valley **Bold** indicates intersection operates below threshold
◊ 8:00 – 9:00 a.m. / 4:30 – 5:30 p.m. Δ 8:00 – 9:00 a.m. / 3:30 – 5:30 p.m. ● 7:45 – 8:45 a.m. / 4:30 – 5:30 p.m.
♦ 8:00 – 9:00 a.m. / 4:15 – 5:15 p.m. ▲ 8:00 – 9:00 a.m. / 3:45 – 4:45 p.m. □ 8:00 – 9:00 a.m. / 5:00 – 6:00 p.m.

TABLE 20B
CUMULATIVE CONDITIONS
PEAK HOUR LEVELS OF SERVICE AT INTERSECTIONS (PROJECT TRAFFIC HOURS)

Location	Control	Cumulative 6:30 – 7:30 AM		Cumulative 3:30 – 4:30 PM		Cumulative 6:30 – 7:30 PM		Meets Peak Hour Warrant?
		LOS	Average Delay	LOS	Average Delay	LOS	Average Delay	
1. Neal St / Tinloy St ‡	Signal	A	6.7	A	9.0	B	11.7	N/A
2. S. Auburn St / Tinloy St ‡	Signal	A	7.2	A	9.9	A	9.0	N/A
3. E. Bennett Rd / Tinloy St – SR 49 WB Off-Ramp ‡	SB/WB Stop	A	4.1	A	8.0	A	4.4	Yes*
4. E. Bennett Rd / Hansen Way – SR 49 EB On-Ramp ‡	AWS	A	9.6	C	18.3	B	10.7	Yes*
5. E. Main St / Idaho Maryland Rd - SR 49 WB Ramps ‡	Roundabout	A	5.1	A	8.3	A	4.9	N/A
6. Idaho Maryland Rd / SR 49 EB Ramps ‡	Signal	B	13.5	C	22.7	B	12.1	N/A
7. Idaho Maryland Rd / Railroad Ave ‡	Signal	B	11.9	C	24.0	B	12.8	N/A
8. E. Main St / Brunswick Rd – W. Olympia Dr	Signal	A	6.3	B	14.6	A	9.9	N/A
9. Brunswick Rd / SR 49 WB Off-Ramp – Maltman Dr ‡	Signal	B	17.6	B	17.2	B	16.3	N/A
10. Brunswick Rd / SR 49 EB Ramps ‡	Signal	A	8.2	B	14.9	A	8.6	N/A
11. Brunswick Rd / Sutton Way ‡	Signal	A	5.5	C	28.9	B	10.3	N/A
12. Brunswick Rd / Idaho Maryland Rd ‡	Signal	B	17.8	C	32.8	B	18.2	N/A
13. Brunswick Rd / Whispering Pines Ln ‡ NB Left EB	EB Stop	 A B	 8.5 11.0	 A C	 9.4 19.3	 A B	 8.4 11.0	Yes*
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd †	AWS	B	11.3	D	25.6	B	11.2	Yes*
15. Brunswick Rd / SR 174 † EB Left SB	SB Stop	 A B	 7.8 12.9	 A **E**	 7.8 **46.2**	 A C	 7.4 12.7	Yes*
16. Brunswick Rd / Project Driveway †	EB Stop	Not Studied						
17. E. Bennett Rd / Millsite Rd †	NB Stop	Not Studied						
18. Whispering Pines Ln / Centennial Site Driveway ‡	NB Stop	Not Studied						
19. Idaho Maryland Rd / Centennial Dr ‡	Signal	A	6.8	B	11.8	A	7.5	N/A
20. Idaho Maryland Rd /Sutton Way ‡	AWS	A	8.1	B	14.2	A	7.9	Yes*
21. Sutton Way / Dorsey Dr ‡	AWS	A	9.0	**F**	**213.1**	B	10.4	Yes*
22. Dorsey Dr / SR 49 EB Ramps ‡	Signal	A	8.9	B	14.8	A	8.7	N/A
23. Dorsey Dr / SR 49 WB Ramps ‡	Signal	A	5.6	B	17.6	A	8.2	N/A
24. Brunswick Rd / Loma Rica Dr†	Signal	B	12.1	B	15.3	A	8.2	N/A

AWS – all way stop * meets warrant in 3:30 p.m. hour
Bold indicates intersection operates below threshold
† Nevada County
‡Grass Valley

Intersection Queues. Tables 21A and 21B present information regarding queuing at each study intersection under Cumulative conditions. 95th percentile queues with lengths exceeding the available storage are highlighted. The 95th percentile queue exceeds available storage in 21 locations at 13 intersections considering the five analysis scenarios. Some intersections are shown to have excessive queues while maintaining acceptable levels of service. These include Neal Street at Tinloy Street, Idaho Maryland Road at SR 49/20 Eastbound Ramps, Idaho Maryland Road at Railroad Avenue, Brunswick Road / Sutton Way and Brunswick Road / Loma Rica Drive; the level of service is a result of the ability of the intersection to serve those vehicles that enter the intersection. Other intersections with queues exceeding the available storage include intersections identified to be signalized by 2035; with signalization the storage lanes require lengthening. It is assumed that one additional vehicle (25') can store in the available left or right turn taper and this occurs at four locations.

TABLE 21A
CUMULATIVE QUEUES
PEAK HOURS

Location	Length*	Cumulative AM Peak Hour Queue (feet)	Cumulative PM Peak Hour Queue (feet)
1. Neal St / Tinloy St			
EB	70	116	118
WB	150	310	651
2. S. Auburn St / Tinloy St			
NB through	80	141	162
NB through-left	80	84	89
SB	75	110	148
WB	95	121	140
3. E. Bennett Rd / Tinloy St – SR 49 WB Off-Ramp			
NB left turn	60	35	42
NB through	150	85	78
4. E. Bennett Rd / Hansen Way – SR 49 EB On-Ramp			
SB left turn	60	45	45
SB through	150	78	183
5. E. Main St / Idaho Maryland Rd - SR 49 WB Ramps			
NB	---	30	34
SB	---	41	60
EB	---	148	84
WB	---	68	121

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 21A (continued)
CUMULATIVE QUEUES
PEAK HOURS

Location	Length*	Cumulative AM Peak Hour Queue (feet)	Cumulative PM Peak Hour Queue (feet)
6. Idaho Maryland Rd / SR 49 EB Ramps			
NB right	---	168	30
NB left	355	217	134
WB	90	170	398
7. Idaho Maryland Rd / Railroad Ave			
EB	90	232	175
8. E. Main St / Brunswick Rd – W. Olympia Dr			
NB left	110	<25	<25
NB right	125	81	146
SB left (2 lanes)	355	122	217
WB left (2 lanes)	150	101	103
WB right	150	116	162
9. Brunswick Rd / SR 49 WB Off-Ramp – Maltman Dr			
NB left	100	51	68
NB right	100	85	161
SB left (2 lanes)	260	199	206
SB right	260	69	81
EB	160	154	213
WB left	145	99	106
10. Brunswick Rd / SR 49 EB Ramps			
NB left	200	223	224
NB right	---	252	258
11. Brunswick Rd / Sutton Way			
NB left (2 lanes)	280	125	742
SB left	190	68	112
SB right	180	---	<25
EB left (2 lanes)	185	86	152
EB right	250	120	217
WB left	125	105	191
12. Brunswick Rd / Idaho Maryland Rd			
NB left	540	239	212
SB left	120	56	196
EB left	150	<25	76
WB left	175	163	66

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 21A (continued)
CUMULATIVE QUEUES
PEAK HOURS

Location	Length*	Cumulative AM Peak Hour Queue (feet)	Cumulative PM Peak Hour Queue (feet)
13. Brunswick Rd / Whispering Pines Ln			
NB left	210	<25	<25
EB left	110	<25	110
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd			
NB left	225	<25	<25
SB left	260	<25	28
EB	---	<25	<25
WB	---	68	25
15. Brunswick Rd / SR 174			
SB left	90	53	440
EB left	130	<25	<25
19. Idaho Maryland Rd / Centennial Dr			
NB	---	50	329
WB left	130	<25	<25
20. Idaho Maryland Rd /Sutton Way			
SB right	90	<25	55
SB left	---	<25	40
ÈB	---	30	133
WB	---	38	65
21. Sutton Way / Dorsey Dr			
SB right	120	<25	30
SB thru	---	33	215
NB	---	153	1350
EB	---	135	455
22. Dorsey Dr / SR 49 EB Ramps			
NB Left (2 lanes)	215	214	114
NB right	215	135	95
EB left	180	99	169
23. Dorsey Dr / SR 49 EB Ramps			
SB right	400	77	59
SB left-thru	400	95	163
EB right	155	64	224
WB left	180	91	258
24. Brunswick Rd / Loma Rica Dr			
NB right	410	35	<25
SB left	400	254	110
WB left	100	63	137

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 21B
CUMULATIVE QUEUES
(PROJECT TRAFFIC HOURS)

Location	Length*	Cumulative 6:30 – 7:30 AM Queue (feet)	Cumulative 3:30 – 4:30 PM Queue (feet)	Cumulative 6:30 – 7:30 PM Queue (feet)
1. Neal St / Tinloy St				
EB	70	84	116	119
WB	150	115	106	131
2. S. Auburn St / Tinloy St				
NB through	80	73	137	98
NB through-left	80	44	63	44
SB	75	86	139	123
WB	95	68	113	103
3. E. Bennett Rd / Tinloy St – SR 49 WB Off-Ramp				
NB left turn	60	28	41	33
NB through	150	46	66	46
4. E. Bennett Rd / Hansen Way – SR 49 EB On-Ramp				
SB left turn	60	<25	40	<25
SB through	150	<25	145	45
5. E. Main St / Idaho Maryland Rd - SR 49 WB Ramps				
NB	---	<25	32	<25
SB	---	<25	70	25
EB	---	39	86	34
WB	---	<25	66	32
6. Idaho Maryland Rd / SR 49 EB Ramps				
NB right	---	40	50	<25
NB left	355	86	152	52
WB	90	65	276	74
7. Idaho Maryland Rd / Railroad Ave				
EB	90	134	181	51
8. E. Main St / Brunswick Rd – W. Olympia Dr				
NB left	110	<25	<25	<25
NB right	125	44	133	65
SB left (2 lanes)	355	67	180	102
WB left (2 lanes)	150	44	104	67
WB right	150	52	149	79
9. Brunswick Rd / SR 49 WB Off-Ramp – Maltman Dr				
NB left	100	<25	76	53
NB right	100	32	122	91
SB left (2 lanes)	260	144	150	144
SB right	260	49	84	52
EB	160	60	199	133
WB left	145	66	108	92

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 21B (continued)
CUMULATIVE QUEUES
(PROJECT TRAFFIC HOURS)

Location	Length*	Cumulative 6:30 – 7:30 AM Queue (feet)	Cumulative 3:30 – 4:30 PM Queue (feet)	Cumulative 6:30 – 7:30 PM Queue (feet)
10. Brunswick Rd / SR 49 EB Ramps				
NB left	200	147	223	173
NB right	---	115	261	95
11. Brunswick Rd / Sutton Way				
NB left (2 lanes)	280	60	467	146
SB left	190	37	113	51
SB right	180	---	---	---
EB left (2 lanes)	185	57	147	70
EB right	250	53	215	104
WB left	125	49	170	74
12. Brunswick Rd / Idaho Maryland Rd				
NB left	540	92	152	56
SB left	120	<25	188	104
EB left	150	34	74	39
WB left	175	104	68	43
13. Brunswick Rd / Whispering Pines Ln				
NB left	210	<25	<25	<25
EB left	110	<25	58	<25
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd				
NB left	225	<25	<25	<25
SB left	260	<25	<25	<25
EB	---	<25	<25	<25
WB	---	<25	<25	<25
15. Brunswick Rd / SR 174				
SB left	90	25	248	45
EB left	130	<25	<25	<25
19. Idaho Maryland Rd / Centennial Dr				
NB	---	29	302	29
WB left	130	<25	<25	<25
20. Idaho Maryland Rd /Sutton Way				
SB right	90	<25	48	<25
SB left	---	<25	35	<25
EB	---	<25	105	<25
WB	---	<25	55	<25

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 21B (continued)
CUMULATIVE QUEUES
(PROJECT TRAFFIC HOURS)

Location	Length*	Cumulative 6:30 – 7:30 AM Queue (feet)	Cumulative 3:30 – 4:30 PM Queue (feet)	Cumulative 6:30 – 7:30 PM Queue (feet)
21. Sutton Way / Dorsey Dr				
SB right	120	<25	28	<25
SB thru	---	<25	190	<25
NB	---	30	1333	58
EB	---	25	188	<25
22. Dorsey Dr / SR 49 EB Ramps				
NB left (2 lanes)	215	98	125	58
NB right	215	59	97	62
EB left	180	63	180	65
23. Dorsey Dr / SR 49 EB Ramps				
SB right	400	53	63	49
SB left-thru	400	43	165	64
EB right	155	41	218	40
WB left	180	73	253	108
24. Brunswick Rd / Loma Rica Dr				
NB right	410	32	27	<25
SB left	400	137	148	70
WB left	100	36	178	37

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

Cumulative Roadway Segment Levels of Service. Table 22 summarizes the Levels of Service based on the Cumulative traffic volumes on study area roads. All segments along Brunswick Road and E. Bennett Road will continue to operate at LOS D or better while the SR 174 segment will continue to operate at LOS E. The SR 174 segment exceeds the LOS C threshold in both directions.

TABLE 22
CUMULATIVE ROADWAY SEGMENT LEVELS OF SERVICE

Roadway	Location	Facility Classification	ATS/PTSF/LOS Cumulative PM Peak Hour
Brunswick Rd	SR 49 to Whispering Pines Ln	Class I Highway	
	NB		29.9 / 81.3 / D
	SB		30.0 / 80.8 / D
	Whispering Pines Ln to E. Bennett Rd	Class I Highway	
	NB		35.0 / 85.8 / D
	SB		35.9 / 72.8 / D
	E. Bennett Rd to Project Driveway	Class I Highway	
	NB		35.4 / 63.1 / C
	SB		35.3 / 79.7 / C
	Project Driveway to SR 174	Class I Highway	
	NB		33.7 / 67.8 / D
	SB		33.0 / 81.7 / D
E. Bennett Rd	Project Driveway to Brunswick Rd	Class III Highway	
	EB		35.9 / 27.3 / B
	WB		35.7 / 56.5 / B
SR 174	Brunswick Rd to Empire St	Class I Highway	
	EB		**29.8 / 60.2 / E**
	WB		**28.6 / 80.4 / E**

ATS – average travel speed
PTSF – percent time spent following
LOS – level of service
Bold indicates LOS threshold exceeded

VII.2. Cumulative Plus Project Conditions (Scenario #1)

Scenario #1 considers transporting of engineered fill to the Centennial Industrial site.

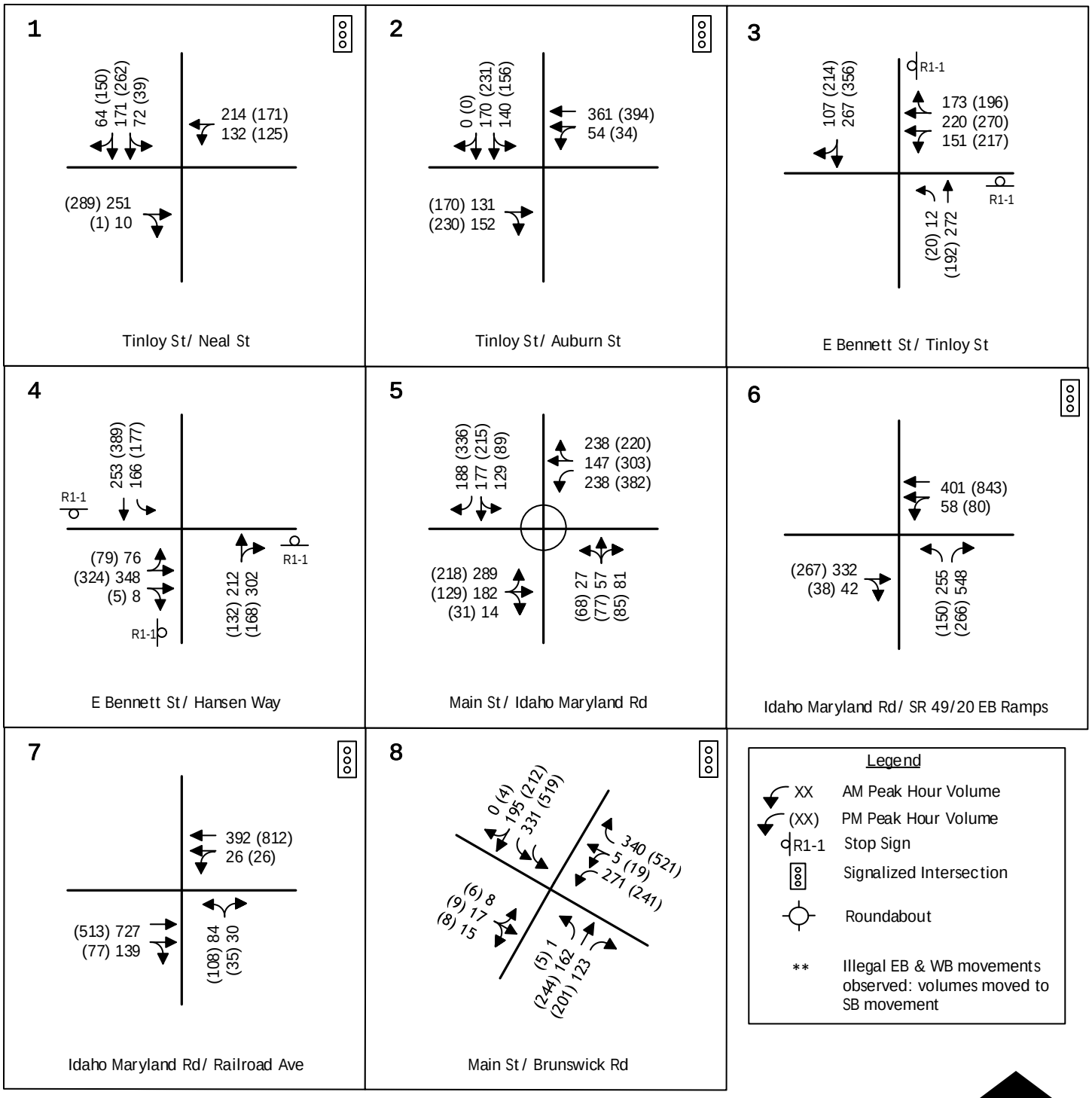
Traffic Volumes. The LOS impacts of the Idaho-Maryland Mine project have been identified by superimposing project traffic onto Cumulative conditions. Figures 12A through 12F display the "Cumulative Plus Project" traffic volumes at each study intersection for each of the five study time periods.

Cumulative plus Project volumes under Scenario #1 were used to recalculate operating Levels of Service at the study intersections. Tables 23A and 23B summarize operating Levels of Service at the study area intersections for each of the five study time periods.

During the peak hour scenario three intersections would continue to operate at unacceptable Levels of Service, at LOS E or F, which include Brunswick Road at E. Bennett Road – Greenhorn Road, SR 174 at Brunswick Road and Sutton Way at Dorsey Drive. One additional intersection, Brunswick Road at Whispering Pines Lane, would decline to LOS E.

During the project traffic hours two intersections will operate below the LOS threshold, at LOS E or F. These include Sutton Way at Dorsey Drive and SR 174 at Brunswick Road.

Eight intersections will meet the peak hour signal warrant during the a.m. and p.m. peak hour scenarios. These include E. Bennett Road at Tinloy Street - SR 49 WB Off-Ramp, E. Bennett Street at Hansen Way - SR 49 EB On-Ramp, Brunswick Road at Whispering Pines Lane, Brunswick Road at E. Bennett Road – Greenhorn Road, SR 174 at Brunswick Road, Brunswick Road at Project Driveway, Idaho-Maryland Road at Sutton Way and Sutton Way at Dorsey Drive. The Brunswick Road at Whispering Pines Lane, Brunswick Road at E. Bennett Road, SR 174 at Brunswick Road and Sutton Way at Dorsey Drive intersections also operate below the accepted LOS threshold. While the E. Bennett Road at Tinloy Street - SR 49 WB Off-Ramp, E. Bennett Street at Hansen Way - SR 49 EB On-Ramp, Idaho-Maryland Road at Sutton Way and Brunswick Road / Project Driveway intersections meet the peak hour signal warrant they operate acceptably. During the project hour analyses the same eight intersections will meet the peak hour signal warrant; however, only the SR 174 at Brunswick Road and Sutton Way at Dorsey Drive intersections will operate below the accepted LOS threshold.



AM/PM PEAK HOURS CUMULATIVE PLUS PROJECT
TRAFFIC VOLUMES AND LANE CONFIGURATIONS
(TO CENTENNIAL SITE)

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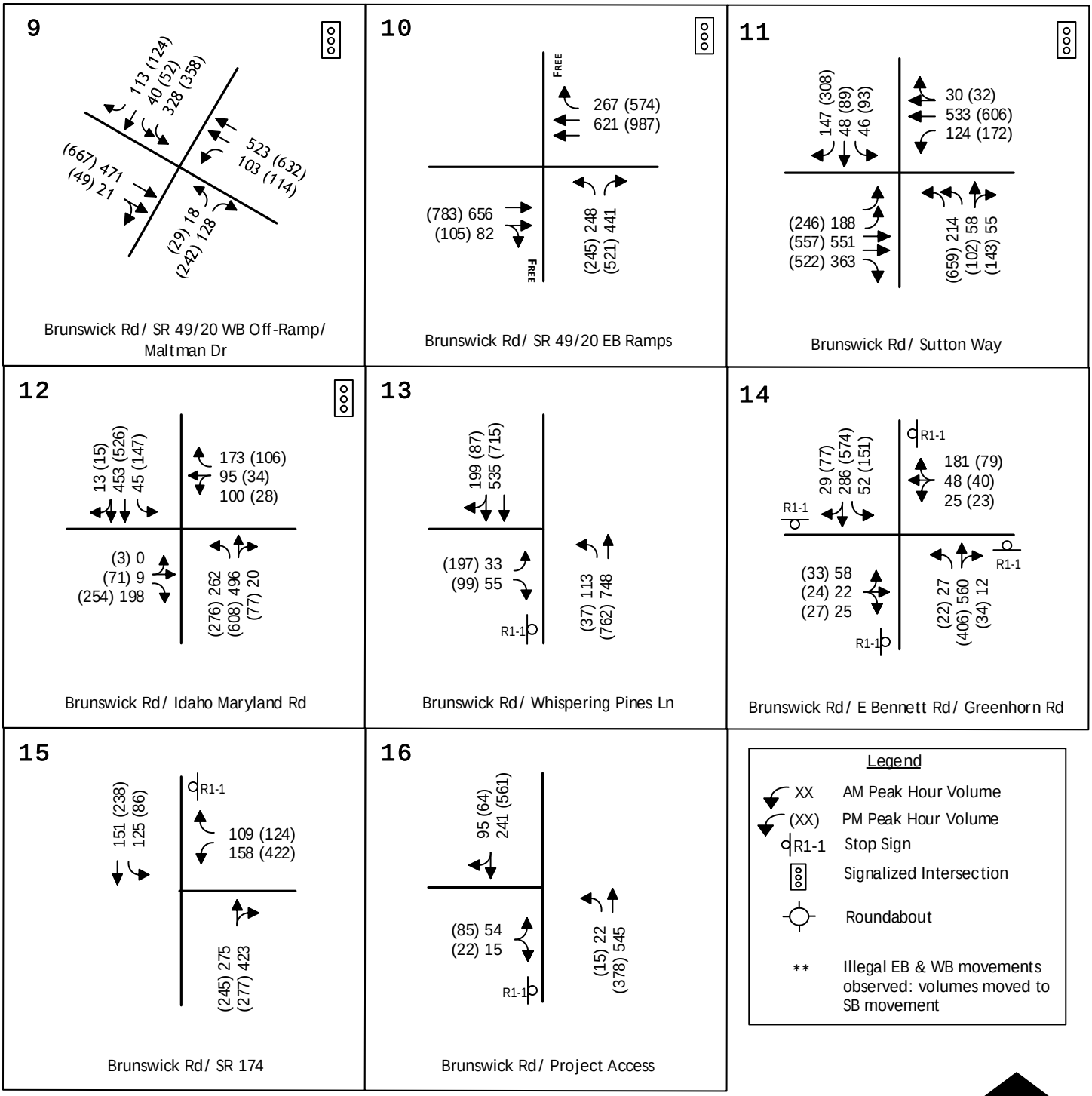
5875-01 RA 4/25/2022

figure 12a

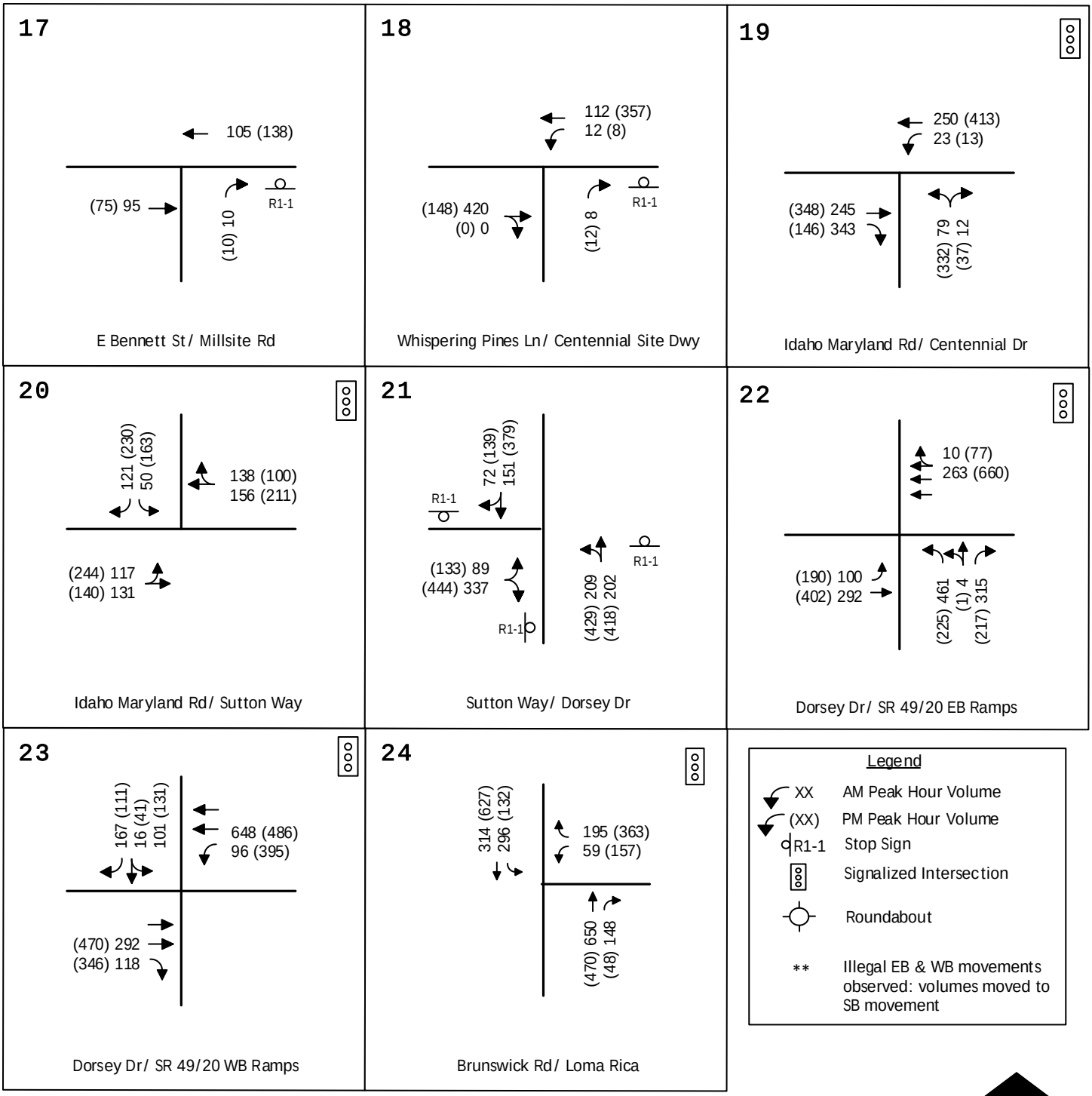


AM/PM PEAK HOURS CUMULATIVE PLUS PROJECT
TRAFFIC VOLUMES AND LANE CONFIGURATIONS
(TO CENTENNIAL SITE)

KD Anderson & Associates, Inc.
Transportation Engineers

5875-01 RA 4/25/2022

figure 12b

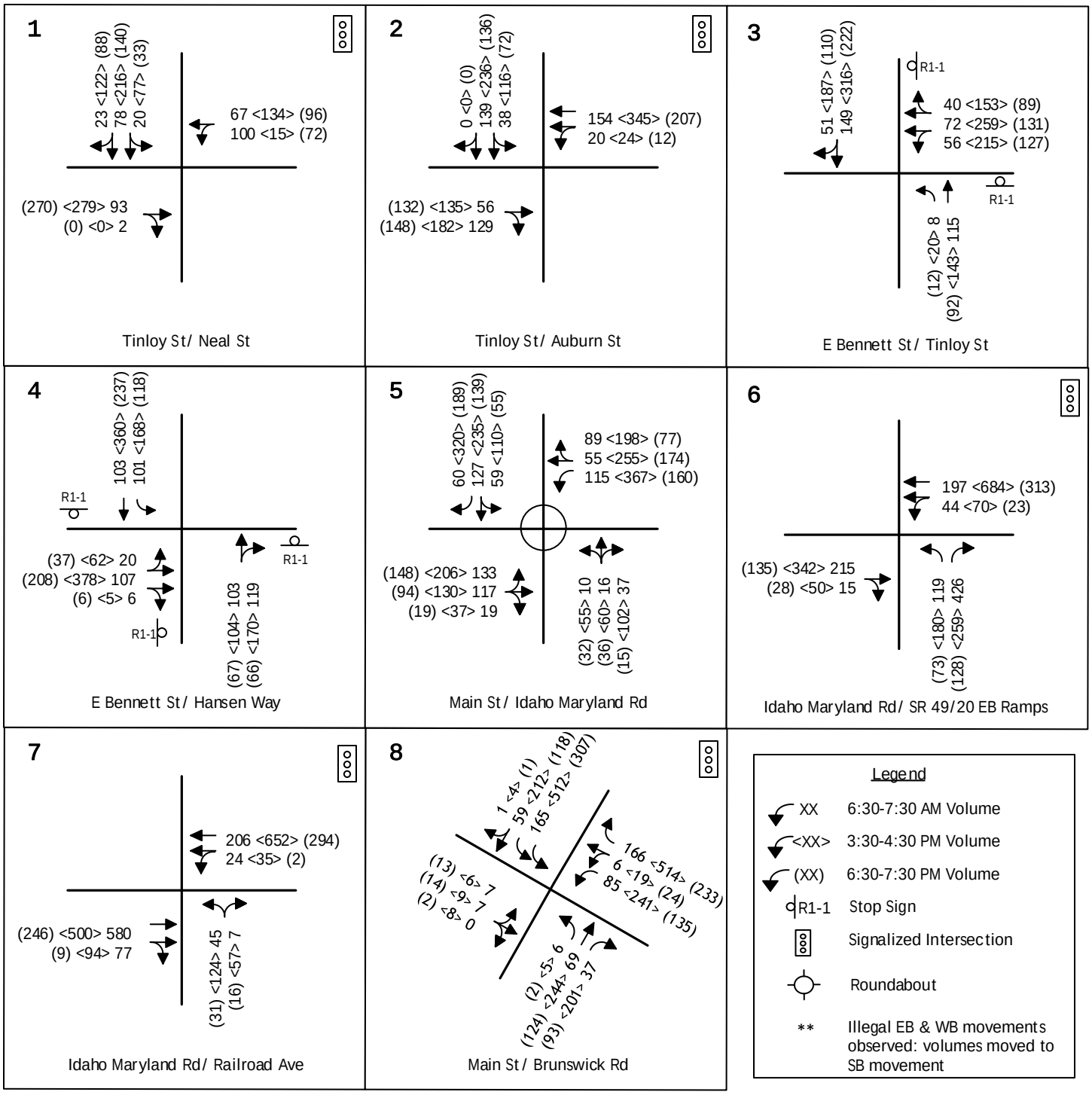


AM/PM PEAK HOURS CUMULATIVE PLUS PROJECT TRAFFIC VOLUMES AND LANE CONFIGURATIONS (TO CENTENNIAL SITE)

KD Anderson & Associates, Inc.
Transportation Engineers

5875-01 RA 4/25/2022

figure 12c

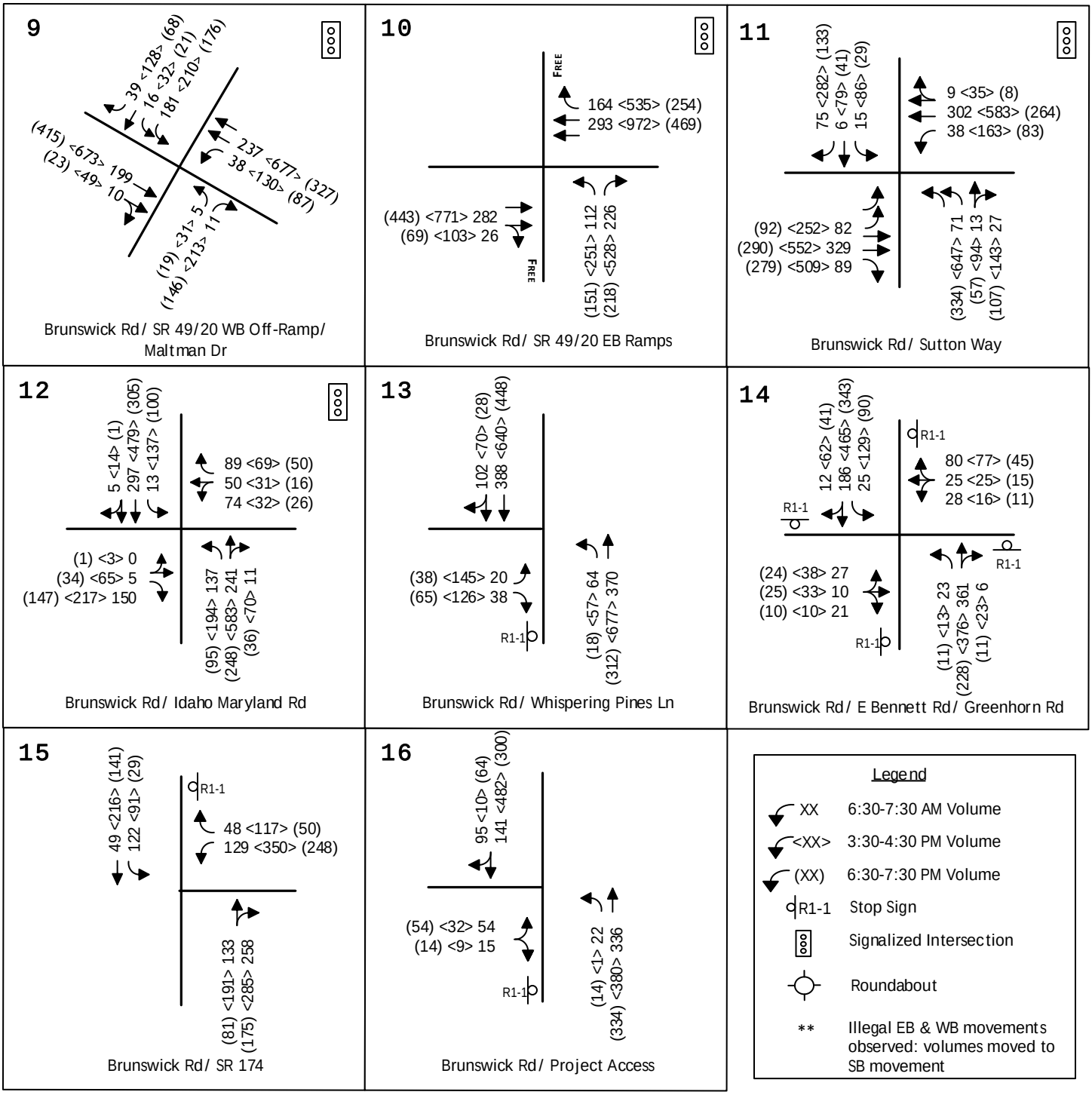


PROJECT TRAFFIC HOURS CUMULATIVE PLUS PROJECT TRAFFIC VOLUMES AND LANE CONFIGURATIONS (TO CENTENNIAL SITE)

KD Anderson & Associates, Inc.
Transportation Engineers

5875-01 RA 4/25/2022

figure 12d

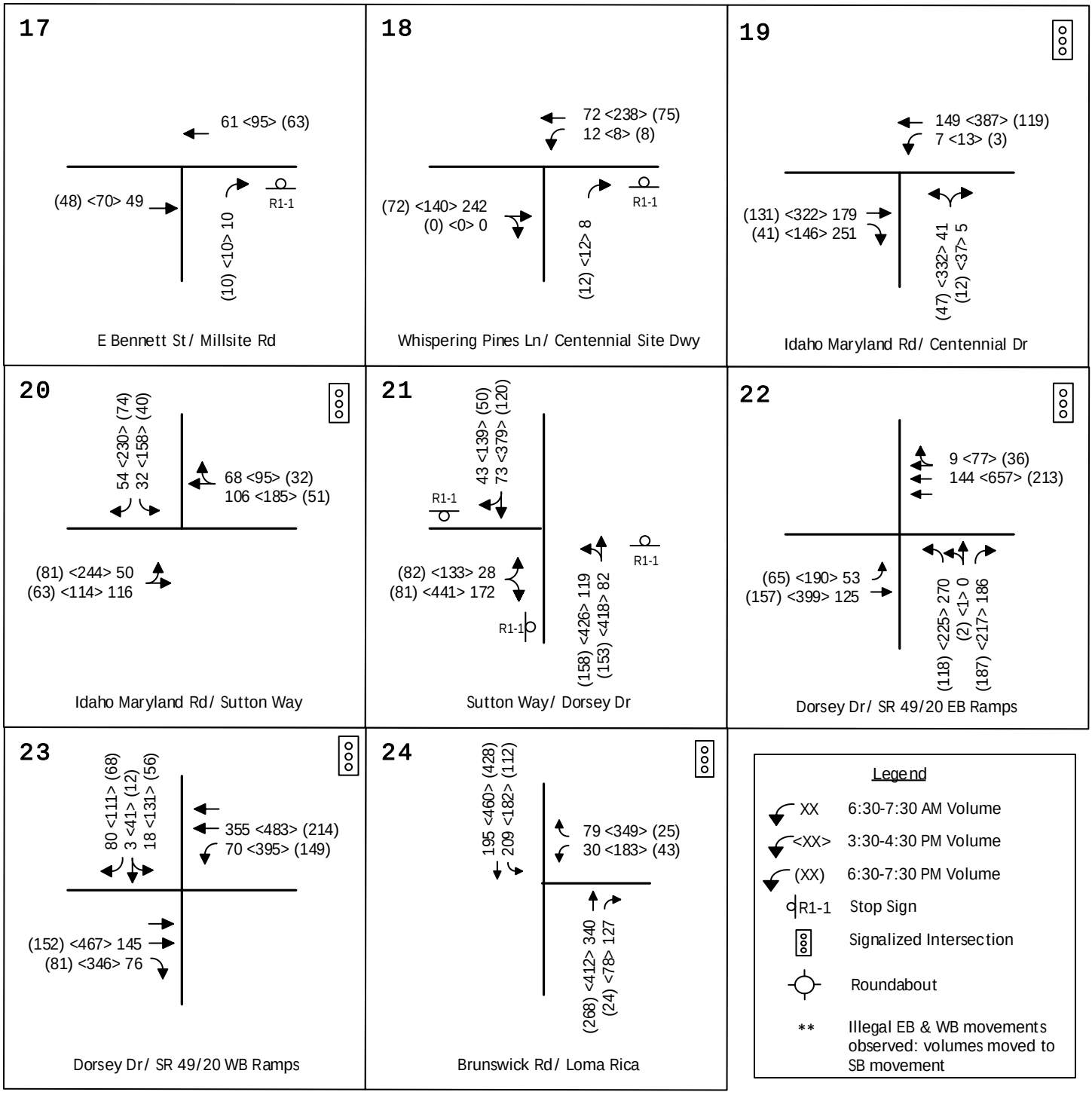


PROJECT TRAFFIC HOURS CUMULATIVE PLUS PROJECT TRAFFIC VOLUMES AND LANE CONFIGURATIONS (TO CENTENNIAL SITE)

KD Anderson & Associates, Inc.
Transportation Engineers

5875-01 RA 4/25/2022

figure 12e



PROJECT TRAFFIC HOURS CUMULATIVE PLUS PROJECT TRAFFIC VOLUMES AND LANE CONFIGURATIONS (TO CENTENNIAL SITE)

KD Anderson & Associates, Inc.
Transportation Engineers

5875-01 RA 4/25/2022

figure 12f

TABLE 23A
CUMULATIVE PLUS PROJECT – CENTENNIAL SITE (SCENARIO #1)
LEVELS OF SERVICE AT INTERSECTIONS – PEAK HOURS

Location	Control	Cum plus Project AM Peak Hour		Cum plus Project PM Peak Hour		Meets Peak Hour Warrant?
		LOS	Average Delay	LOS	Average Delay	
1. Neal St / Tinloy St ‡◊	Signal	C	24.2	D	48.8	N/A
2. S. Auburn St / Tinloy St ‡◊	Signal	B	11.5	B	14.0	N/A
3. E. Bennett Rd / Tinloy St – SR 49 WB Off-Ramp ‡◊	SB / WB Stop	A	7.1	A	9.7	Yes
4. E. Bennett Rd / Hansen Way – SR 49 EB On-Ramp ‡◊	AWS	D	33.8	C	21.0	Yes
5. E. Main St / Idaho Maryland Rd - SR 49 WB Ramps ‡◊	Roundabout	A	9.6	A	9.1	N/A
6. Idaho Maryland Rd / SR 49 EB Ramps ‡◊	Signal	C	26.3	C	25.2	N/A
7. Idaho Maryland Rd / Railroad Ave ‡◊	Signal	B	17.1	C	28.8	N/A
8. E. Main St / Brunswick Rd – W. Olympia Dr ‡Δ	Signal	B	11.6	B	15.9	N/A
9. Brunswick Rd / SR 49 WB Off-Ramp – Maltman Dr ‡♦	Signal	B	18.7	C	20.5	N/A
10. Brunswick Rd / SR 49 EB Ramps ‡▲	Signal	B	13.1	B	15.0	N/A
11. Brunswick Rd / Sutton Way ‡▲	Signal	B	13.6	C	33.6	N/A
12. Brunswick Rd / Idaho Maryland Rd ‡●	Signal	C	33.2	D	39.3	N/A
13. Brunswick Rd / Whispering Pines Ln ‡● NB Left EB	EB Stop	 B C	 10.2 15.5	 A **E**	 9.9 **35.2**	Yes
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd †●	AWS	**F**	**59.6**	**F**	**53.9**	Yes
15. Brunswick Rd / SR 174 †● EB Left SB	SB Stop	 A C	 8.2 18.7	 A **F**	 8.0 **125.0**	Yes
16. Brunswick Rd / Project Driveway †● NB Left EB	EB Stop	 A B	 8.0 13.1	 A C	 9.0 16.2	Yes

AWS – all way stop
Bold indicates intersection operates below threshold
† Nevada County
‡Grass Valley

◊ 8:00 – 9:00 a.m. / 4:30 – 5:30 p.m.
♦ 8:00 – 9:00 a.m. / 4:15 – 5:15 p.m.
● 7:45 – 8:45 a.m. / 4:30 – 5:30 p.m.

Δ 8:00 – 9:00 a.m. / 3:30 – 5:30 p.m.
▲ 8:00 – 9:00 a.m. / 3:45 – 4:45 p.m.
□ 8:00 – 9:00 a.m. / 5:00 – 6:00 p.m.

TABLE 23A (continued)
CUMULATIVE PLUS PROJECT – CENTENNIAL SITE (SCENARIO #1)
LEVELS OF SERVICE AT INTERSECTIONS
PEAK HOURS

Location	Control	Cum plus Project AM Peak Hour		Cum plus Project PM Peak Hour		Meets Peak Hour Warrant?
		LOS	Average Delay	LOS	Average Delay	
17. E. Bennett Rd / Millsite Rd †● NB	NB Stop	A	8.8	A	8.7	No
18. Whispering Pines Ln / Centennial Site Driveway ‡◊ NB WB Left	NB Stop	B A	11.0 8.3	A A	9.3 7.6	No
19. Idaho Maryland Rd / Centennial Dr ‡Δ	Signal	A	7.7	B	15.3	N/A
20. Idaho Maryland Rd /Sutton Way ‡Δ	AWS	B	10.4	C	18.8	Yes*
21. Sutton Way / Dorsey Dr ‡Δ	AWS	C	19.5	**F**	**279.9**	Yes
22. Dorsey Dr / SR 49 EB Ramps ‡Δ	Signal	B	13.8	B	15.2	N/A
23. Dorsey Dr / SR 49 WB Ramps ‡Δ	Signal	A	9.6	B	18.6	N/A
24. Brunswick Rd / Loma Rica Dr†□	Signal	C	28.3	B	16.8	N/A

AWS – all way stop
Bold indicates intersection operates below threshold
† Nevada County
‡Grass Valley

◊ 8:00 – 9:00 a.m. / 4:30 – 5:30 p.m.
♦ 8:00 – 9:00 a.m. / 4:15 – 5:15 p.m.
● 7:45 – 8:45 a.m. / 4:30 – 5:30 p.m.

Δ 8:00 – 9:00 a.m. / 3:30 – 5:30 p.m.
▲ 8:00 – 9:00 a.m. / 3:45 – 4:45 p.m.
□ 8:00 – 9:00 a.m. / 5:00 – 6:00 p.m.

TABLE 23B
CUMULATIVE PLUS PROJECT – CENTENNIAL SITE (SCENARIO #1)
PEAK HOUR LEVELS OF SERVICE AT INTERSECTIONS – PROJECT TRAFFIC HOURS

Location	Control	Cum plus Project 6:30 – 7:30 AM		Cum plus Project 3:30 – 4:30 PM		Cum plus Project 6:30 – 7:30 PM		Meets Peak Hour Warrant?
		LOS	Average Delay	LOS	Average Delay	LOS	Average Delay	
1. Neal St / Tinloy St ‡	Signal	A	6.9	A	9.0	B	12.2	N/A
2. S. Auburn St / Tinloy St ‡	Signal	A	7.1	A	9.5	A	9.1	N/A
3. E. Bennett Rd / Tinloy St – SR 49 WB Off-Ramp ‡	SB/WB Stop	A	4.1	A	7.6	A	4.5	Yes*
4. E. Bennett Rd / Hansen Way – SR 49 EB On-Ramp ‡	AWS	A	9.6	C	18.3	B	10.8	Yes*
5. E. Main St / Idaho Maryland Rd - SR 49 WB Ramps ‡	Roundabout	A	5.3	A	8.4	A	5.1	N/A
6. Idaho Maryland Rd / SR 49 EB Ramps ‡	Signal	B	13.3	B	19.6	B	12.0	N/A
7. Idaho Maryland Rd / Railroad Ave ‡	Signal	B	11.7	B	19.4	B	12.4	N/A
8. E. Main St / Brunswick Rd – W. Olympia Dr ‡	Signal	A	6.2	B	14.2	A	9.7	N/A
9. Brunswick Rd / SR 49 WB Off-Ramp – Maltman Dr ‡	Signal	B	18.1	B	17.2	B	16.4	N/A
10. Brunswick Rd / SR 49 EB Ramps ‡	Signal	A	8.4	B	14.8	A	8.7	N/A
11. Brunswick Rd / Sutton Way ‡	Signal	A	5.2	C	30.2	B	10.5	N/A
12. Brunswick Rd / Idaho Maryland Rd ‡	Signal	B	18.5	C	32.5	B	18.7	N/A
13. Brunswick Rd / Whispering Pines Ln ‡ NB Left EB	EB Stop	 A B	 8.7 11.4	 A C	 9.4 19.9	 A B	 8.5 11.3	Yes*
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd †	AWS	B	13.0	D	27.2	B	12.6	Yes*
15. Brunswick Rd / SR 174 † EB Left SB	SB Stop	 A B	 7.8 13.4	 A **E**	 7.8 **48.9**	 A B	 7.4 13.1	Yes*
16. Brunswick Rd / Project Driveway † NB Left EB	EB Stop	 A B	 7.8 11.4	 A B	 8.5 12.9	 A B	 8.1 12.2	Yes*

AWS – all way stop
Bold indicates intersection operates below threshold
* meets warrant in 3:30 p.m. hour

† Nevada County
‡Grass Valley

TABLE 23B (continued)
CUMULATIVE PLUS PROJECT – CENTENNIAL SITE (SCENARIO #1)
PEAK HOUR LEVELS OF SERVICE AT INTERSECTIONS
PROJECT TRAFFIC HOURS

Location	Control	Cum plus Project 6:30 – 7:30 AM		Cum plus Project 3:30 – 4:30 PM		Cum plus Project 6:30 – 7:30 PM		Meets Peak Hour Warrant?
		LOS	Average Delay	LOS	Average Delay	LOS	Average Delay	
17. E. Bennett Rd / Millsite Rd † NB	NB Stop	A	8.6	A	8.7	A	8.6	No
18. Whispering Pines Ln / Centennial Site Driveway ‡ NB WB Left	NB Stop	A A	9.7 7.8	A A	9.1 7.5	A A	8.7 7.4	No
19. Idaho Maryland Rd / Centennial Dr ‡	Signal	A	6.6	B	11.5	A	7.4	N/A
20. Idaho Maryland Rd /Sutton Way ‡	AWS	A	8.4	B	14.5	A	8.1	Yes*
21. Sutton Way / Dorsey Dr ‡	AWS	A	9.1	**F**	**214.3**	B	10.5	Yes*
22. Dorsey Dr / SR 49 EB Ramps ‡	Signal	A	8.6	B	15.0	A	8.9	N/A
23. Dorsey Dr / SR 49 WB Ramps ‡	Signal	A	5.5	B	16.9	A	8.4	N/A
24. Brunswick Rd / Loma Rica Dr†	Signal	B	11.6	B	15.5	A	8.2	N/A

AWS – all way stop
Bold indicates intersection operates below threshold
* meets warrant in 3:30 p.m. hour
† Nevada County
‡Grass Valley

Intersection Queues. Tables 24A and 24B present information regarding queuing at each study intersection under Cumulative plus Project conditions. 95th percentile queues with lengths exceeding the available storage are highlighted. The 95th percentile queue exceeds available storage in 23 locations at 15 intersections considering the five analysis scenarios. Table 24B presents a comparison of Cumulative plus Project, Scenario #1 to Cumulative conditions. During "Plus Project" conditions one intersection will have a storage length that is greater than 25 feet when compared to the "No Project" condition. This is the Brunswick Road / Sutton Road intersection where the northbound left turn lanes extend up to 110 feet beyond the "No Project" scenario. The queues at the intersections of Neal Street at Tinloy Street, Idaho Maryland Road at SR 49/20 Eastbound Ramps, Idaho Maryland Road at Railroad Avenue, Brunswick Road / Sutton Way and Brunswick Road / Loma Rica Drive will continue to have excessive queues while maintaining acceptable levels of service, serving the vehicles that do enter the intersections. Some other intersections will continue to have queues exceeding the available storage include those intersections signalized by 2035. Two additional locations will exceed the available storage. These include the eastbound left turn lane of Whispering Pines Lane at Brunswick Road and the eastbound left turn lane of the Eastbound SR 49/20 ramps at Dorsey Drive. It is assumed that one additional vehicle (25') can store in the available left or right turn taper and this occurs at six locations.

TABLE 24A
CUMULATIVE PLUS PROJECT QUEUES
CENTENNIAL SITE (SCENARIO #1)
PEAK HOURS

Location	Length*	Cum + Project AM Peak Hour Queue (feet)	Cum + Project PM Peak Hour Queue (feet)
1. Neal St / Tinloy St			
EB	70	117	117
WB	150	478	872
2. S. Auburn St / Tinloy St			
NB through	80	159	158
NB through-left	80	98	84
SB	75	109	153
WB	95	123	137
3. E. Bennett Rd / Tinloy St – SR 49 WB Off-Ramp			
NB left turn	60	35	38
NB through	150	81	83
4. E. Bennett Rd / Hansen Way – SR 49 EB On-Ramp			
SB left turn	60	43	45
SB through	150	78	185

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 24A (continued)
CUMULATIVE PLUS PROJECT QUEUES
CENTENNIAL SITE (SCENARIO #1)
PEAK HOURS

Location	Length*	Cum + Project AM Peak Hour Queue (feet)	Cum + Project PM Peak Hour Queue (feet)
5. E. Main St / Idaho Maryland Rd - SR 49 WB Ramps			
NB	---	30	34
SB	---	42	64
EB	---	160	90
WB	---	70	127
6. Idaho Maryland Rd / SR 49 EB Ramps			
NB right	---	215	36
NB left	355	217	134
WB	90	182	426
7. Idaho Maryland Rd / Railroad Ave			
EB	90	255	185
8. E. Main St / Brunswick Rd – W. Olympia Dr			
NB left	110	<25	25
NB right	125	78	150
SB left (2 lanes)	355	122	197
WB left (2 lanes)	150	110	102
WB right	150	109	178
9. Brunswick Rd / SR 49 WB Off-Ramp – Maltman Dr			
NB left	100	47	74
NB right	100	78	157
SB left (2 lanes)	260	198	206
SB right	260	69	92
EB	160	158	212
WB left	145	100	104
10. Brunswick Rd / SR 49 EB Ramps			
NB left	200	221	226
NB right	---	246	261
11. Brunswick Rd / Sutton Way			
NB left (2 lanes)	280	125	640
SB left	190	63	119
SB right	180	---	---
EB left (2 lanes)	185	95	154
EB right	250	130	233
WB left	125	102	205

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 24A (continued)
CUMULATIVE PLUS PROJECT QUEUES
CENTENNIAL SITE (SCENARIO #1)
PEAK HOURS

Location	Length*	Cum + Project AM Peak Hour Queue (feet)	Cum + Project PM Peak Hour Queue (feet)
12. Brunswick Rd / Idaho Maryland Rd			
NB left	540	286	279
SB left	120	56	196
EB left	150	<25	76
WB left	175	167	66
13. Brunswick Rd / Whispering Pines Ln			
NB left	210	<25	<25
EB left	110	<25	133
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd			
NB left	225	<25	<25
SB left	260	<25	28
EB	---	<25	<25
WB	---	70	28
15. Brunswick Rd / SR 174			
SB left	90	63	493
EB left	130	<25	<25
16. Brunswick Rd / Project Driveway			
NB left	350	<25	<25
EB	---	<25	28
17. E. Bennett Rd / Millsite Rd			
NB right	---	<25	<25
18. Whispering Pines Ln / Project Driveway			
NB	---	<25	<25
WB left	100	<25	<25
19. Idaho Maryland Rd / Centennial Dr			
NB	---	52	329
WB left	130	<25	<25
20. Idaho Maryland Rd /Sutton Way			
SB right	90	<25	60
SB left	---	<25	45
EB	---	43	165
WB	---	50	95
21. Sutton Way / Dorsey Dr			
SB right	120	<25	35
SB thru	---	33	268
NB	---	158	1595
EB	---	140	600

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 24A (continued)
CUMULATIVE PLUS PROJECT QUEUES
CENTENNIAL SITE (SCENARIO #1)
PEAK HOURS

Location	Length*	Cum + Project AM Peak Hour Queue (feet)	Cum + Project PM Peak Hour Queue (feet)
22. Dorsey Dr / SR 49 EB Ramps			
NB left (2 lanes)	215	226	135
NB right	215	147	99
EB left	180	100	179
23. Dorsey Dr / SR 49 EB Ramps			
SB right	400	73	60
SB left-thru	400	106	167
EB right	155	85	221
WB left	180	97	254
24. Brunswick Rd / Loma Rica Dr			
NB right	410	35	<25
SB left	400	262	110
WB left	100	63	137

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 24B
CUMULATIVE PLUS PROJECT QUEUES
CENTENNIAL SITE (SCENARIO #1)
(PROJECT TRAFFIC HOURS)

Location	Length*	No Project Cumulative 6:30 – 7:30 AM Queue (feet)	Plus Project Cumulative 6:30 – 7:30 AM Queue (feet)	No Project Cumulative 3:30 – 4:30 PM Queue (feet)	Plus Project Cumulative 3:30 – 4:30 PM Queue (feet)	No Project Cumulative 6:30 – 7:30 PM Queue (feet)	Plus Project Cumulative 6:30 – 7:30 PM Queue (feet)
1. Neal St / Tinloy St							
EB	70	84	80	116	115	119	120
WB	150	115	103	106	109	131	140
2. S. Auburn St / Tinloy St							
NB through	80	73	75	137	136	98	102
NB through-left	80	44	45	63	66	44	44
SB	75	86	84	139	134	123	133
WB	95	68	70	113	113	103	101
3. E. Bennett Rd / Tinloy St – SR 49 WB Off-Ramp							
NB left turn	60	28	28	41	40	33	34
NB through	150	46	44	66	64	46	49
4. E. Bennett Rd / Hansen Way – SR 49 EB On-Ramp							
SB left turn	60	<25	<25	40	40	<25	<25
SB through	150	<25	<25	145	145	45	45
5. E. Main St / Idaho Maryland Rd - SR 49 WB Ramps							
NB	---	<25	<25	32	32	<25	<25
SB	---	<25	<25	70	72	25	25
EB	---	39	41	86	88	34	36
WB	---	<25	<25	66	68	32	33
6. Idaho Maryland Rd / SR 49 EB Ramps							
NB right	---	40	53	50	50	<25	<25
NB left	355	86	92	152	152	52	53
WB	90	65	74	276	300	74	81
7. Idaho Maryland Rd / Railroad Ave							
EB	90	134	150	181	181	51	57

Highlighted values indicate queue length in excess of available storage with 25-feet or less increase from No Project condition
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 24B (continued)
CUMULATIVE PLUS PROJECT QUEUES
CENTENNIAL SITE (SCENARIO #1)
(PROJECT TRAFFIC HOURS)

Location	Length*	No Project Cumulative 6:30 – 7:30 AM Queue (feet)	Plus Project Cumulative 6:30 – 7:30 AM Queue (feet)	No Project Cumulative 3:30 – 4:30 PM Queue (feet)	Plus Project Cumulative 3:30 – 4:30 PM Queue (feet)	No Project Cumulative 6:30 – 7:30 PM Queue (feet)	Plus Project Cumulative 6:30 – 7:30 PM Queue (feet)
8. E. Main St / Brunswick Rd – W. Olympia Dr							
NB left	110	<25	<25	<25	<25	<25	<25
NB right	125	44	46	133	135	65	61
SB left (2 lanes)	355	67	65	180	175	102	106
WB left (2 lanes)	150	44	44	104	98	67	69
WB right	150	52	56	149	152	79	82
9. Brunswick Rd / SR 49 WB Off-Ramp – Maltman Dr							
NB left	100	<25	29	76	71	53	52
NB right	100	32	29	122	118	91	76
SB left (2 lanes)	260	144	148	150	149	144	139
SB right	260	49	44	84	86	52	51
EB	160	60	65	199	201	133	139
WB left	145	66	58	108	105	92	95
10. Brunswick Rd / SR 49 EB Ramps							
NB left	200	147	151	223	224	173	179
NB right	---	115	117	261	254	95	103
11. Brunswick Rd / Sutton Way							
NB left (2 lanes)	280	60	61	467	511	146	150
SB left	190	37	37	113	101	51	57
SB right	180	---	---	---	<25	---	---
EB left (2 lanes)	185	57	58	147	137	70	69
EB right	250	53	51	215	222	104	114
WB left	125	49	47	170	182	74	77

Highlighted values indicate queue length in excess of available storage with 25-feet or less increase from No Project condition
Highlighted values indicate queue length in excess of available storage with more than 25-foot increase from No Project condition
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 24B (continued)
CUMULATIVE PLUS PROJECT QUEUES
CENTENNIAL SITE (SCENARIO #1)
(PROJECT TRAFFIC HOURS)

Location	Length*	No Project Cumulative 6:30 – 7:30 AM Queue (feet)	Plus Project Cumulative 6:30 – 7:30 AM Queue (feet)	No Project Cumulative 3:30 – 4:30 PM Queue (feet)	Plus Project Cumulative 3:30 – 4:30 PM Queue (feet)	No Project Cumulative 6:30 – 7:30 PM Queue (feet)	Plus Project Cumulative 6:30 – 7:30 PM Queue (feet)
12. Brunswick Rd / Idaho Maryland Rd							
NB left	540	92	112	152	170	56	77
SB left	120	<25	<25	188	188	104	108
EB left	150	34	<25	74	74	39	40
WB left	175	104	101	68	68	43	44
13. Brunswick Rd / Whispering Pines Ln							
NB left	210	<25	<25	<25	<25	<25	<25
EB left	110	<25	<25	58	60	<25	<25
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd							
NB left	225	<25	<25	<25	<25	<25	<25
SB left	260	<25	<25	<25	25	<25	<25
EB	---	<25	<25	<25	<25	<25	<25
WB	---	<25	<25	<25	<25	<25	<25
15. Brunswick Rd / SR 174							
SB left	90	25	28	248	260	45	48
EB left	130	<25	<25	<25	<25	<25	<25
16. Brunswick Rd / Project Driveway							
NB left	350	---	<25	---	<25	---	<25
EB	---	---	<25	---	<25	---	<25
17. E. Bennett Rd / Millsite Rd							
NB right	---	---	<25	---	<25	---	<25
18. Whispering Pines Ln / Project Driveway							
NB	---	---	<25	---	<25	---	<25
WB left	100	---	<25	---	<25	---	<25

Highlighted values indicate queue length in excess of available storage with 25-feet or less increase from No Project condition
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 24B (continued)
CUMULATIVE PLUS PROJECT QUEUES
CENTENNIAL SITE (SCENARIO #1)
(PROJECT TRAFFIC HOURS)

Location	Length*	No Project Cumulative 6:30 – 7:30 AM Queue (feet)	Plus Project Cumulative 6:30 – 7:30 AM Queue (feet)	No Project Cumulative 3:30 – 4:30 PM Queue (feet)	Plus Project Cumulative 3:30 – 4:30 PM Queue (feet)	No Project Cumulative 6:30 – 7:30 PM Queue (feet)	Plus Project Cumulative 6:30 – 7:30 PM Queue (feet)
19. Idaho Maryland Rd / Centennial Dr							
NB	---	29	29	302	302	29	30
WB left	130	<25	<25	<25	<25	<25	<25
20. Idaho Maryland Rd /Sutton Way							
SB right	90	<25	<25	48	48	<25	<25
SB left	---	<25	<25	35	35	<25	<25
EB	---	<25	<25	105	105	<25	<25
WB	---	<25	<25	55	60	<25	<25
21. Sutton Way / Dorsey Dr							
SB right	120	<25	<25	28	28	<25	<25
SB thru	---	<25	<25	190	190	<25	<25
NB	---	30	30	1333	1340	58	60
EB	---	25	25	188	188	<25	25
22. Dorsey Dr / SR 49 EB Ramps							
NB Left (2 lanes)	215	98	103	125	120	58	54
NB right	215	59	57	97	100	62	59
EB left	180	63	60	180	177	65	67
23. Dorsey Dr / SR 49 EB Ramps							
SB right	400	53	52	63	64	49	49
SB left-thru	400	43	42	165	162	64	67
EB right	155	41	44	218	217	40	42
WB left	180	73	74	253	250	108	111
24. Brunswick Rd / Loma Rica Dr							
NB right	410	32	31	27	27	<25	<25
SB left	400	137	151	148	148	70	75
WB left	100	36	38	178	178	37	39

Highlighted values indicate queue length in excess of available storage with 25-feet or less increase from No Project condition
* - longest lane for multiple turn lane approaches Queuing distances based on stochastic modeling

Cumulative Plus Project Conditions (Scenario #1) Roadway Segment Levels of Service. Table 25 summarizes the Levels of Service based on the Cumulative plus Project traffic volumes on study area roads with the existing roadway configuration. All segments along Brunswick Road and E. Bennett Road will continue to operate at LOS D or better while the SR 174 segment will continue to operate at LOS E. The SR 174 segment exceeds the LOS C threshold in both directions.

TABLE 25
CUMULATIVE PLUS PROJECT
CENTENNIAL SITE (SCENARIO #1)
ROADWAY SEGMENT LEVELS OF SERVICE

Roadway	Location	Facility Classification	ATS/PTSF/LOS Cumulative plus Project PM Peak Hour
Brunswick Rd	SR 49 to Whispering Pines Ln	Class I Highway	
	NB		29.7 / 82.4 / D
	SB		29.9 / 83.2 / D
	Whispering Pines Ln to E. Bennett Rd	Class I Highway	
	NB		34.5 / 87.2 / D
	SB		34.5 / 76.1 / D
	E. Bennett Rd to Project Driveway	Class I Highway	
	NB		34.7 / 69.1 / D
	SB		34.5 / 81.1 / D
	Project Driveway to SR 174	Class I Highway	
	NB		33.4 / 68.8 / D
	SB		32.7 / 81.8 / D
E. Bennett Rd	Project Driveway to Brunswick Rd	Class III Highway	
	EB		34.7 / 38.8 / C
	WB		34.7 / 57.8 / C
SR 174	Brunswick Rd to Empire St	Class I Highway	
	EB		**29.7 / 60.8 / E**
	WB		**28.6 / 81.5 / E**

ATS – average travel speed
PTSF – percent time spent following
LOS – level of service
Bold indicates LOS threshold exceeded

VII.3. Cumulative Plus Project Conditions (Scenario #2)

Scenario #2 considers transporting of engineered fill to construction sites accessible via SR 49/20.

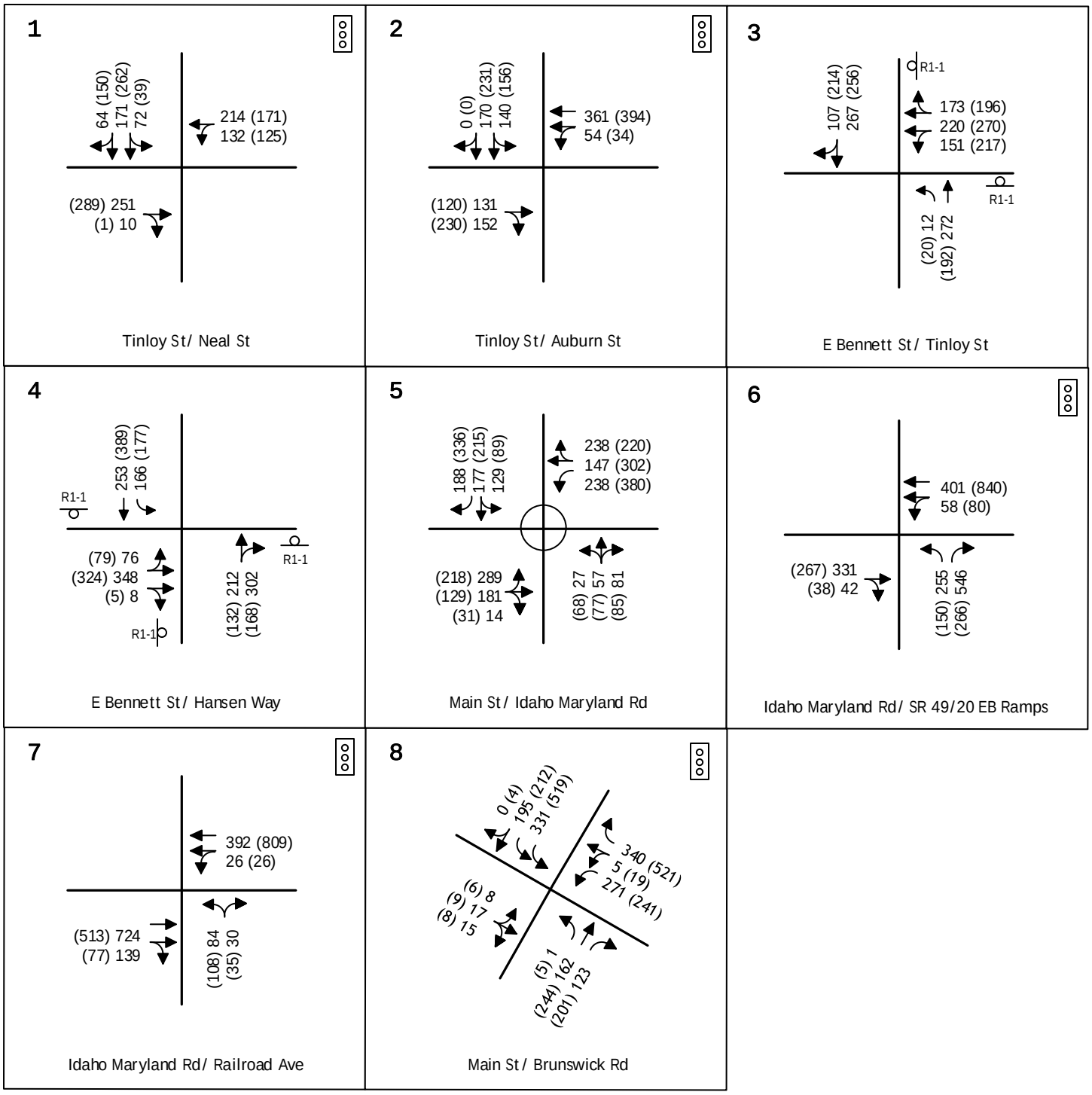
Traffic Volumes. The LOS impacts of the Idaho-Maryland Mine project have been identified by superimposing project traffic onto Cumulative conditions. Figures 13A through 13F display the "Cumulative Plus Project" traffic volumes at each study intersection for each of the five study time periods.

Cumulative plus Project volumes under Scenario #2 were used to recalculate operating Levels of Service at the study intersections. Tables 26A and 26B summarize operating Levels of Service at the study area intersections for each of the five study time periods.

During the peak hour scenario three intersections would continue to operate at unacceptable Levels of Service, at LOS E or F, which include Brunswick Road at E. Bennett Road – Greenhorn Road, SR 174 at Brunswick Road and Sutton Way at Dorsey Drive. One additional intersection, Brunswick Road at Whispering Pines Lane, would decline to LOS E.

During the project traffic hours two intersections will operate below the LOS threshold, at LOS E or F. These include Sutton Way at Dorsey Drive and SR 174 at Brunswick Road.

Eight intersections will meet the peak hour signal warrant during the a.m. and p.m. peak hour scenarios. These include E. Bennett Road at Tinloy Street - SR 49 WB Off-Ramp, E. Bennett Street at Hansen Way - SR 49 EB On-Ramp, Brunswick Road at Whispering Pines Lane, Brunswick Road at E. Bennett Road – Greenhorn Road, SR 174 at Brunswick Road, Brunswick Road at Project Driveway, Idaho-Maryland Road at Sutton Way and Sutton Way at Dorsey Drive. The Brunswick Road at Whispering Pines Lane, Brunswick Road at E. Bennett Road, SR 174 at Brunswick Road and Sutton Way at Dorsey Drive intersections also operate below the accepted LOS threshold. While the E. Bennett Road at Tinloy Street - SR 49 WB Off-Ramp, E. Bennett Street at Hansen Way - SR 49 EB On-Ramp, Idaho-Maryland Road at Sutton Way and Brunswick Road / Project Driveway intersections meet the peak hour signal warrant, they operate acceptably. During the project hour analyses the same eight intersections will meet the peak hour signal warrant; however, only the SR 174 at Brunswick Road and Sutton Way at Dorsey Drive intersections will operate below the accepted LOS threshold.

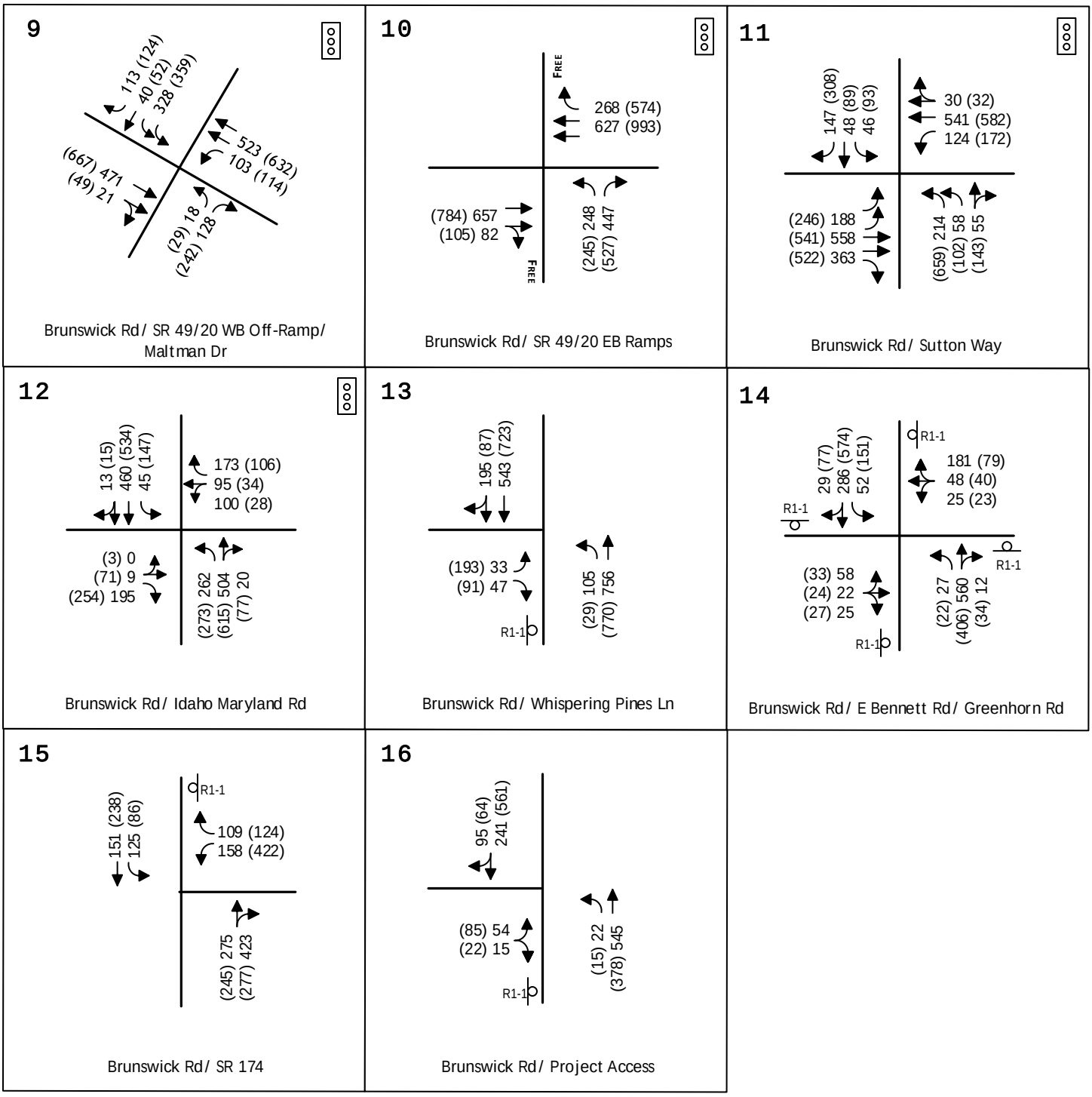


AM/PM PEAK HOURS CUMULATIVE PLUS PROJECT
TRAFFIC VOLUMES AND LANE CONFIGURATIONS
(TO SR 49)

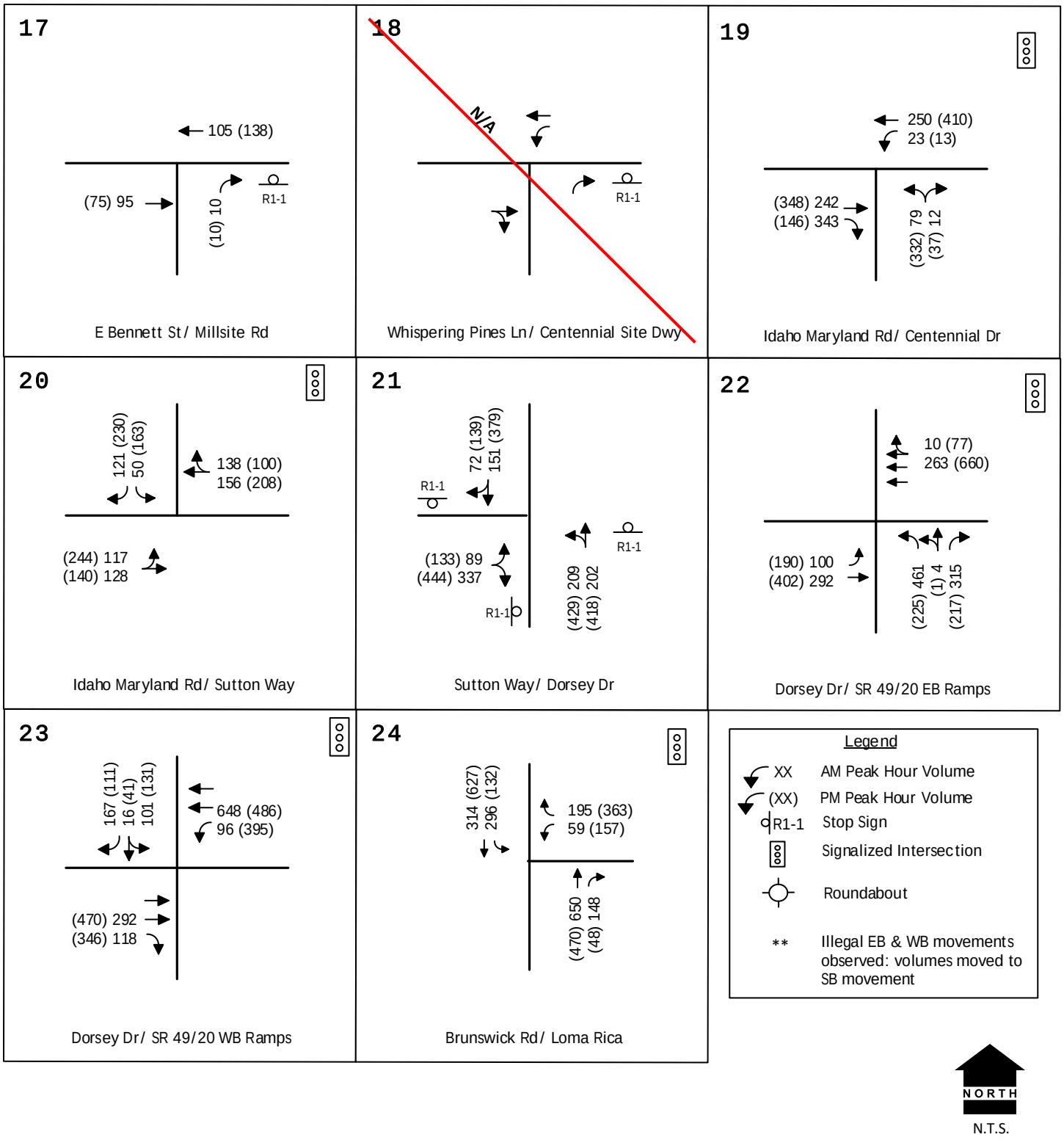
KD Anderson & Associates, Inc.
Transportation Engineers

5875-01 RA 4/25/2022

figure 13a



AM/PM PEAK HOURS CUMULATIVE PLUS PROJECT
TRAFFIC VOLUMES AND LANE CONFIGURATIONS
(TO SR 49)

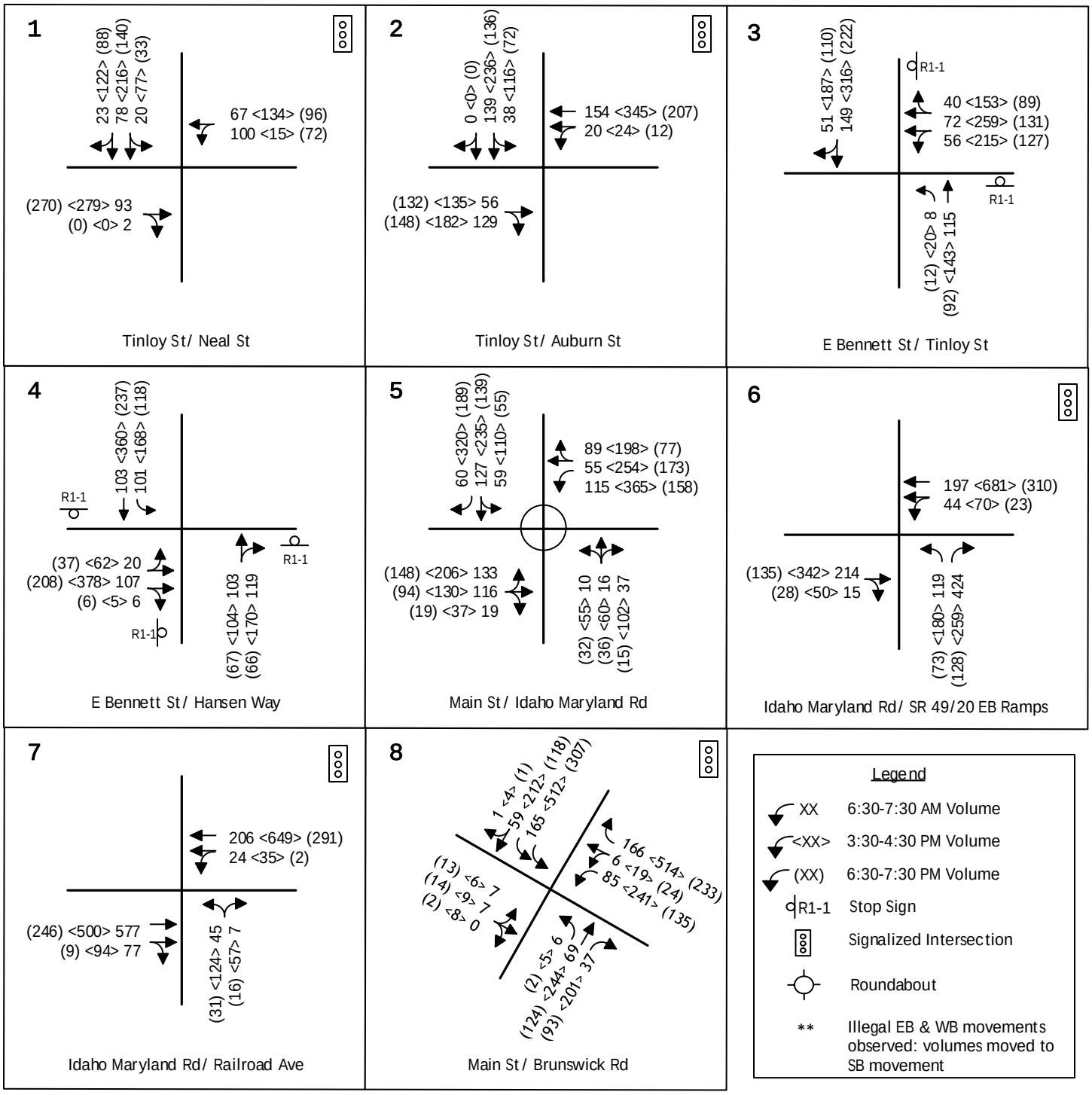


AM/PM PEAK HOURS EPAP PLUS PROJECT
TRAFFIC VOLUMES AND LANE CONFIGURATIONS
(TO SR 49)

KD Anderson & Associates, Inc.
Transportation Engineers

5875-01 RA 4/25/2022

figure 13c

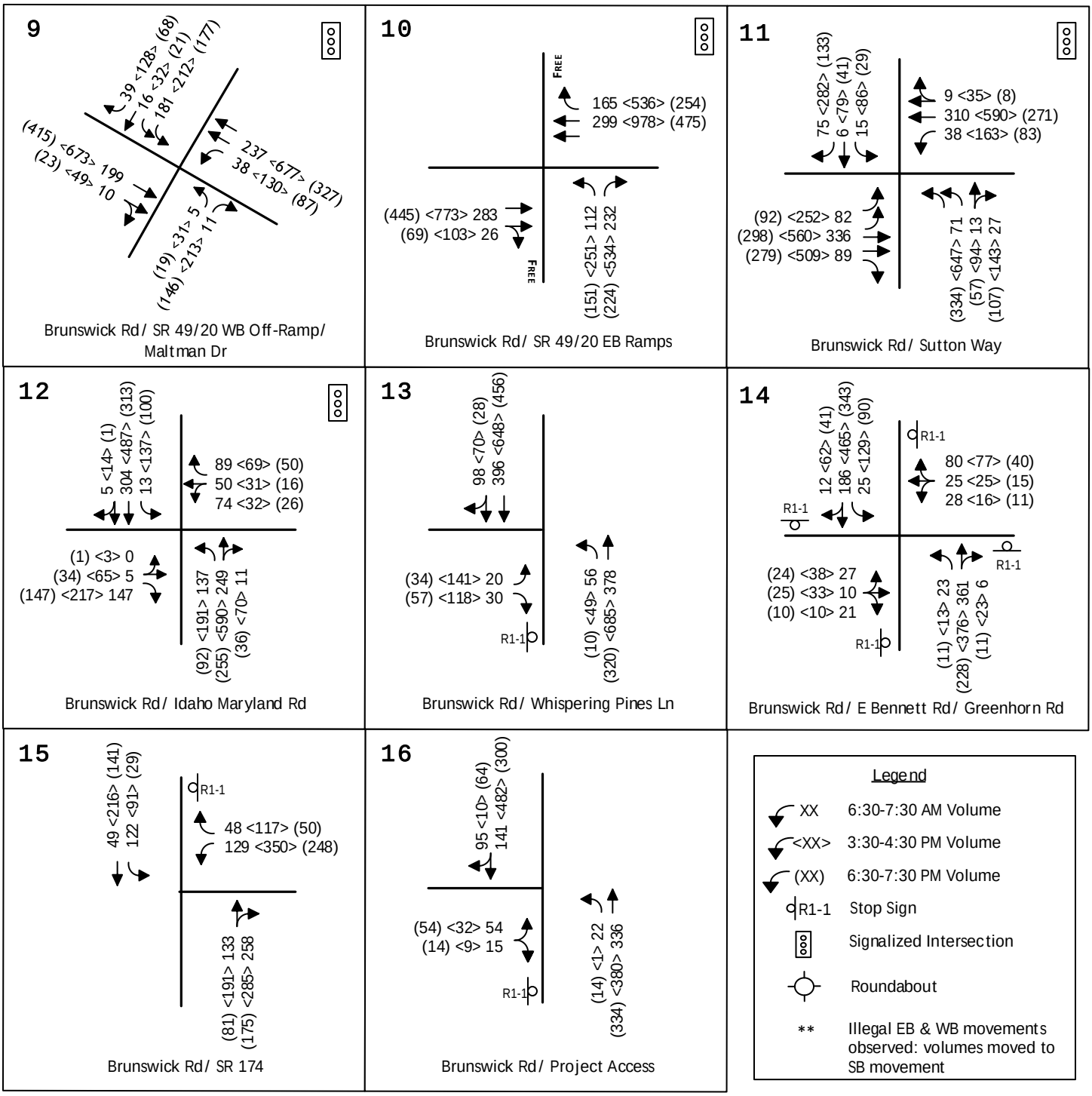


PROJECT TRAFFIC HOURS CUMULATIVE PLUS PROJECT TRAFFIC VOLUMES AND LANE CONFIGURATIONS (TO SR 49)

KD Anderson & Associates, Inc.
Transportation Engineers

5875-01 RA 4/25/2022

figure 13d

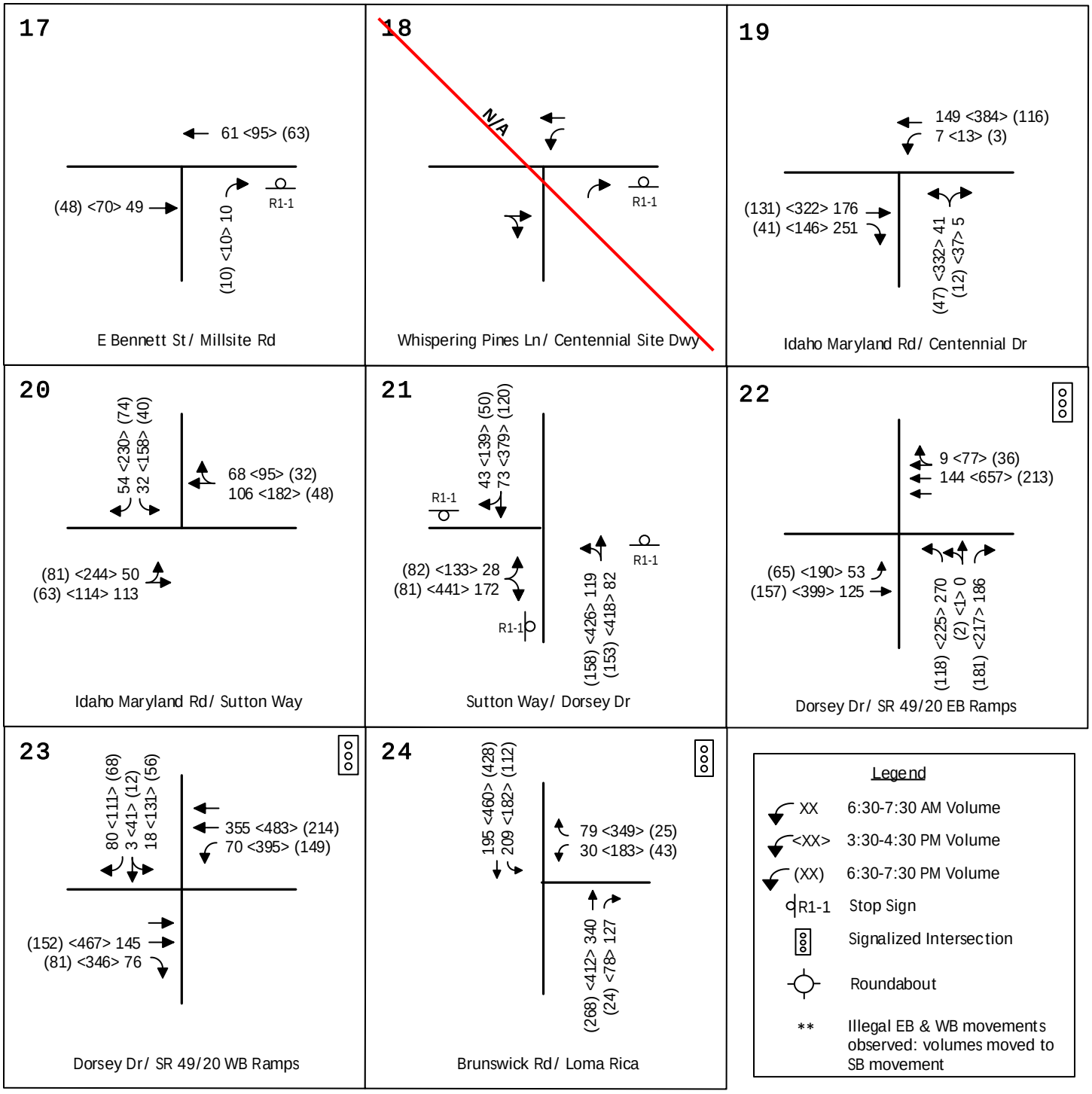


PROJECT TRAFFIC HOURS CUMULATIVE PLUS PROJECT TRAFFIC VOLUMES AND LANE CONFIGURATIONS (TO SR 49)

KD Anderson & Associates, Inc.
Transportation Engineers

5875-01 RA 4/25/2022

figure 13e



PROJECT TRAFFIC HOURS CUMULATIVE PLUS PROJECT TRAFFIC VOLUMES AND LANE CONFIGURATIONS (TO SR 49)

KD Anderson & Associates, Inc.
Transportation Engineers

5875-01 RA 4/25/2022

figure 13f

TABLE 26A
CUMULATIVE PLUS PROJECT – TO SR 49 (SCENARIO #2)
LEVELS OF SERVICE AT INTERSECTIONS
PEAK HOURS

Location	Control	Cum plus Project AM Peak Hour		Cum plus Project PM Peak Hour		Meets Peak Hour Warrant?
		LOS	Average Delay	LOS	Average Delay	
1. Neal St / Tinloy St ‡◊	Signal	B	19.2	C	26.9	N/A
2. S. Auburn St / Tinloy St ‡◊	Signal	B	10.9	B	13.6	N/A
3. E. Bennett Rd / Tinloy St – SR 49 WB Off-Ramp ‡◊	SB / WB Stop	A	7.1	B	9.7	Yes
4. E. Bennett Rd / Hansen Way – SR 49 EB On-Ramp ‡◊	AWS	D	33.8	C	21.0	Yes
5. E. Main St / Idaho Maryland Rd - SR 49 WB Ramps ‡◊	Roundabout	A	9.5	A	9.1	N/A
6. Idaho Maryland Rd / SR 49 EB Ramps ‡◊	Signal	C	26.3	C	25.2	N/A
7. Idaho Maryland Rd / Railroad Ave ‡◊	Signal	B	17.1	C	28.8	N/A
8. E. Main St / Brunswick Rd – W. Olympia Dr ‡Δ	Signal	B	12.0	B	16.6	N/A
9. Brunswick Rd / SR 49 WB Off-Ramp – Maltman Dr ‡♦	Signal	B	18.8	C	20.9	N/A
10. Brunswick Rd / SR 49 EB Ramps ‡▲	Signal	B	12.9	B	14.3	N/A
11. Brunswick Rd / Sutton Way ‡▲	Signal	B	13.6	C	31.2	N/A
12. Brunswick Rd / Idaho Maryland Rd ‡●	Signal	C	33.9	D	39.8	N/A
13. Brunswick Rd / Whispering Pines Ln ‡● NB Left EB	EB Stop	 B C	 10.2 15.7	 A **E**	 9.8 **35.3**	Yes
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd †●	AWS	**F**	**59.6**	**F**	**53.9**	Yes
15. Brunswick Rd / SR 174 †● EB Left SB	SB Stop	 A C	 8.2 18.7	 A **F**	 8.0 **125.0**	Yes
16. Brunswick Rd / Project Driveway †● NB Left EB	EB Stop	 A B	 8.0 13.1	 A C	 9.0 16.2	Yes

AWS – all way stop
Bold indicates intersection operates below threshold
† Nevada County
‡Grass Valley

◊ 8:00 – 9:00 a.m. / 4:30 – 5:30 p.m.
♦ 8:00 – 9:00 a.m. / 4:15 – 5:15 p.m.
● 7:45 – 8:45 a.m. / 4:30 – 5:30 p.m.

Δ 8:00 – 9:00 a.m. / 3:30 – 5:30 p.m.
▲ 8:00 – 9:00 a.m. / 3:45 – 4:45 p.m.
□ 8:00 – 9:00 a.m. / 5:00 – 6:00 p.m.

TABLE 26A (continued)
CUMULATIVE PLUS PROJECT – TO SR 49 (SCENARIO #2)
LEVELS OF SERVICE AT INTERSECTIONS
PEAK HOURS

Location	Control	Cum plus Project AM Peak Hour		Cum plus Project PM Peak Hour		Meets Peak Hour Warrant?
		LOS	Average Delay	LOS	Average Delay	
17. E. Bennett Rd / Millsite Rd †● NB	NB Stop	A	8.8	A	8.7	No
18. Whispering Pines Ln / Centennial Site Driveway	Not Applicable					
19. Idaho Maryland Rd / Centennial Dr ‡Δ	Signal	A	7.7	B	15.3	N/A
20 Idaho Maryland Rd /Sutton Way ‡Δ	AWS	B	10.4	C	18.8	Yes
21. Sutton Way / Dorsey Dr ‡Δ	AWS	C	19.5	**F**	**279.9**	Yes
22. Dorsey Dr / SR 49 EB Ramps ‡Δ	Signal	B	13.9	B	14.7	N/A
23. Dorsey Dr / SR 49 WB Ramps ‡Δ	Signal	A	9.6	B	19.6	N/A
24. Brunswick Rd / Loma Rica Dr†□	Signal	C	28.3	B	16.8	N/A

AWS – all way stop
Bold indicates intersection operates below threshold
† Nevada County
‡Grass Valley

◊ 8:00 – 9:00 a.m. / 4:30 – 5:30 p.m.
♦ 8:00 – 9:00 a.m. / 4:15 – 5:15 p.m.
● 7:45 – 8:45 a.m. / 4:30 – 5:30 p.m.

Δ 8:00 – 9:00 a.m. / 3:30 – 5:30 p.m.
▲ 8:00 – 9:00 a.m. / 3:45 – 4:45 p.m.
□ 8:00 – 9:00 a.m. / 5:00 – 6:00 p.m.

TABLE 26B
CUMULATIVE PLUS PROJECT – TO SR 49 (SCENARIO #2)
PEAK HOUR LEVELS OF SERVICE AT INTERSECTIONS – PROJECT TRAFFIC HOURS

Location	Control	Cum plus Project 6:30 – 7:30 AM		Cum plus Project 3:30 – 4:30 PM		Cum plus Project 6:30 – 7:30 PM		Meets Peak Hour Warrant?
		LOS	Average Delay	LOS	Average Delay	LOS	Average Delay	
1. Neal St / Tinloy St ‡	Signal	A	7.2	A	9.7	B	12.4	N/A
2. S. Auburn St / Tinloy St ‡	Signal	A	7.2	B	10.0	A	9.0	N/A
3. E. Bennett Rd / Tinloy St – SR 49 WB Off-Ramp ‡	SB/WB Stop	A	4.0	A	7.6	A	4.5	Yes*
4. E. Bennett Rd / Hansen Way – SR 49 EB On-Ramp ‡	AWS	A	9.6	C	18.3	B	10.8	Yes*
5. E. Main St / Idaho Maryland Rd - SR 49 WB Ramps ‡	Roundabout	A	5.3	A	8.4	A	5.0	N/A
6. Idaho Maryland Rd / SR 49 EB Ramps ‡	Signal	B	14.3	C	23.1	B	12.3	N/A
7. Idaho Maryland Rd / Railroad Ave ‡	Signal	B	12.2	C	24.3	B	13.0	N/A
8. E. Main St / Brunswick Rd – W. Olympia Dr ‡	Signal	A	6.2	B	14.1	B	10.0	N/A
9. Brunswick Rd / SR 49 WB Off-Ramp – Maltman Dr ‡	Signal	B	17.9	B	17.1	B	16.0	N/A
10. Brunswick Rd / SR 49 EB Ramps ‡	Signal	A	7.9	B	15.0	A	8.9	N/A
11. Brunswick Rd / Sutton Way ‡	Signal	A	5.1	C	29.9	B	10.6	N/A
12. Brunswick Rd / Idaho Maryland Rd ‡	Signal	B	19.2	C	34.3	B	19.0	N/A
13. Brunswick Rd / Whispering Pines Ln ‡ NB Left EB	EB Stop	 A B	 8.7 11.6	 A C	 9.5 20.0	 A B	 8.5 11.4	Yes*
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd †	AWS	B	13.4	D	29.4	B	13.0	Yes*
15. Brunswick Rd / SR 174 † EB Left SB	SB Stop	 A B	 7.8 13.4	 A **E**	 7.8 **48.9**	 A B	 7.4 13.1	Yes*
16. Brunswick Rd / Project Driveway † NB Left EB	EB Stop	 A B	 7.8 11.4	 A B	 8.5 12.9	 A B	 8.1 12.2	Yes*

AWS – all way stop
Bold indicates intersection operates below threshold
† Nevada County
‡Grass Valley
* meets warrant in 3:30 p.m. hour

TABLE 26B (continued)
CUMULATIVE PLUS PROJECT – TO SR 49 (SCENARIO #2)
PEAK HOUR LEVELS OF SERVICE AT INTERSECTIONS
PROJECT TRAFFIC HOURS

Location	Control	Cum plus Project 6:30 – 7:30 AM		Cum plus Project 3:30 – 4:30 PM		Cum plus Project 6:30 – 7:30 PM		Meets Peak Hour Warrant?
		LOS	Average Delay	LOS	Average Delay	LOS	Average Delay	
17. E. Bennett Rd / Millsite Rd † NB	NB Stop	A	8.6	A	8.7	A	8.6	No
18. Whispering Pines Ln / Centennial Site Driveway	Not Applicable							
19. Idaho Maryland Rd / Centennial Dr ‡	Signal	A	6.7	B	11.8	A	7.5	N/A
20. Idaho Maryland Rd /Sutton Way ‡	AWS	A	8.5	B	14.5	A	8.1	Yes*
21. Sutton Way / Dorsey Dr ‡	AWS	A	9.1	**F**	**214.3**	B	10.5	Yes*
22. Dorsey Dr / SR 49 EB Ramps ‡	Signal	A	8.7	B	15.3	A	9.3	N/A
23. Dorsey Dr / SR 49 WB Ramps ‡	Signal	A	5.8	B	17.6	A	8.5	N/A
24. Brunswick Rd / Loma Rica Dr†	Signal	B	11.8	B	16.0	A	8.4	N/A

AWS – all way stop
Bold indicates intersection operates below threshold
* meets warrant in 3:30 p.m. hour

† Nevada County
‡Grass Valley

Intersection Queues. Tables 27A and 27B present information regarding queuing at each study intersection under Cumulative plus Project conditions. 95th percentile queues with lengths exceeding the available storage are highlighted. The 95th percentile queue exceeds available storage in 23 locations at 15 intersections considering the five analysis scenarios. Table 27B presents a comparison of Cumulative plus Project, Scenario #2 to Cumulative conditions. During "Plus Project" conditions one intersection will have a storage length that is greater than 25 feet when compared to the "No Project" condition. This is the Brunswick Road / Sutton Road intersection where the northbound left turn lanes extend up to 55 feet beyond the "No Project" scenario. The queues at the intersections of Neal Street at Tinloy Street, Idaho Maryland Road at SR 49/20 Eastbound Ramps, Idaho Maryland Road at Railroad Avenue, Brunswick Road / Sutton Way and Brunswick Road / Loma Rica Drive will continue to have excessive queues while maintaining acceptable levels of service, serving the vehicles that do enter the intersections. Some other intersections will continue to have queues exceeding the available storage include those intersections signalized by 2035. Two additional locations will exceed the available storage. These include the eastbound left turn lane of Whispering Pines Lane at Brunswick Road and the eastbound left turn lane of the Eastbound SR 49/20 ramps at Dorsey Drive. It is assumed that one additional vehicle (25') can store in the available left or right turn taper and this occurs at six locations.

TABLE 27A
CUMULATIVE PLUS PROJECT QUEUES
TO SR 49 (SCENARIO #2)
PEAK HOURS

Location	Length*	Cum + Project AM Peak Hour Queue (feet)	Cum + Project PM Peak Hour Queue (feet)
1. Neal St / Tinloy St			
EB	70	116	118
WB	150	332	451
2. S. Auburn St / Tinloy St			
NB through	80	141	166
NB through-left	80	88	85
SB	75	105	148
WB	95	123	137
3. E. Bennett Rd / Tinloy St – SR 49 WB Off-Ramp			
NB left turn	60	35	38
NB through	150	80	84
4. E. Bennett Rd / Hansen Way – SR 49 EB On-Ramp			
SB left turn	60	43	45
SB through	150	78	185
5. E. Main St / Idaho Maryland Rd - SR 49 WB Ramps			
NB	---	30	34
SB	---	42	64
EB	---	159	90
WB	---	70	126

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 27A (continued)
CUMULATIVE PLUS PROJECT QUEUES
TO SR 49 (SCENARIO #2)
PEAK HOURS

Location	Length*	Cum + Project AM Peak Hour Queue (feet)	Cum + Project PM Peak Hour Queue (feet)
6. Idaho Maryland Rd / SR 49 EB Ramps			
NB right	---	215	36
NB left	355	217	134
WB	90	182	426
7. Idaho Maryland Rd / Railroad Ave			
EB	90	255	185
8. E. Main St / Brunswick Rd – W. Olympia Dr			
NB left	110	<25	<25
NB right	125	77	144
SB left (2 lanes)	355	137	212
WB left (2 lanes)	150	110	103
WB right	150	109	166
9. Brunswick Rd / SR 49 WB Off-Ramp – Maltman Dr			
NB left	100	46	86
NB right	100	82	187
SB left (2 lanes)	260	198	190
SB right	260	70	83
EB	160	165	217
WB left	145	102	102
10. Brunswick Rd / SR 49 EB Ramps			
NB left	200	219	220
NB right	---	243	258
11. Brunswick Rd / Sutton Way			
NB left (2 lanes)	280	128	546
SB left	190	69	119
SB right	180	---	---
EB left (2 lanes)	185	83	131
EB right	250	132	225
WB left	125	104	192
12. Brunswick Rd / Idaho Maryland Rd			
NB left	540	287	279
SB left	120	57	196
EB left	150	<25	76
WB left	175	168	66
13. Brunswick Rd / Whispering Pines Ln			
NB left	210	<25	<25
EB left	110	<25	130

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 27A (continued)
CUMULATIVE PLUS PROJECT QUEUES
TO SR 49 (SCENARIO #2) – PEAK HOURS

Location	Length*	Cum + Project AM Peak Hour Queue (feet)	Cum + Project PM Peak Hour Queue (feet)
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd			
NB left	225	<25	<25
SB left	260	<25	28
EB	---	<25	<25
WB	---	70	28
15. Brunswick Rd / SR 174			
SB left	90	63	493
EB left	130	<25	<25
16. Brunswick Rd / Project Driveway			
NB left	350	<25	<25
EB	---	<25	28
17. E. Bennett Rd / Millsite Rd			
NB right	---	<25	<25
18. Whispering Pines Ln / Centennial Site Driveway – Not Applicable			
19. Idaho Maryland Rd / Centennial Dr			
NB	---	52	329
WB left	130	<25	<25
20. Idaho Maryland Rd /Sutton Way			
SB right	90	<25	60
SB left	---	<25	45
ÈB	---	43	165
WB	---	50	95
21. Sutton Way / Dorsey Dr			
SB right	120	<25	35
SB thru	---	33	268
NB	---	158	1595
EB	---	140	600
22. Dorsey Dr / SR 49 EB Ramps			
NB left (2 lanes)	215	217	121
NB right	215	146	97
EB left	180	95	174
23. Dorsey Dr / SR 49 EB Ramps			
SB right	400	76	61
SB left-thru	400	103	168
EB right	155	72	225
WB left	180	104	259
24. Brunswick Rd / Loma Rica Dr			
NB right	410	35	<25
SB left	400	262	110
WB left	100	63	137

Highlighted values indicate queue length in excess of available storage
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 27B
CUMULATIVE PLUS PROJECT QUEUES
TO SR 49 (SCENARIO #2)
(PROJECT TRAFFIC HOURS)

Location	Length*	No Project Cumulative 6:30 – 7:30 AM Queue (feet)	Plus Project Cumulative 6:30 – 7:30 AM Queue (feet)	No Project Cumulative 3:30 – 4:30 PM Queue (feet)	Plus Project Cumulative 3:30 – 4:30 PM Queue (feet)	No Project Cumulative 6:30 – 7:30 PM Queue (feet)	Plus Project Cumulative 6:30 – 7:30 PM Queue (feet)
1. Neal St / Tinloy St							
EB	70	84	86	116	117	119	118
WB	150	115	116	106	110	131	144
2. S. Auburn St / Tinloy St							
NB through	80	73	76	137	144	98	97
NB through-left	80	44	46	63	69	44	45
SB	75	86	84	139	137	123	129
WB	95	68	69	113	117	103	93
3. E. Bennett Rd / Tinloy St – SR 49 WB Off-Ramp							
NB left turn	60	28	26	41	40	33	34
NB through	150	46	47	66	64	46	48
4. E. Bennett Rd / Hansen Way – SR 49 EB On-Ramp							
SB left turn	60	<25	<25	40	40	<25	<25
SB through	150	<25	<25	145	145	45	45
5. E. Main St / Idaho Maryland Rd - SR 49 WB Ramps							
NB	---	<25	<25	32	32	<25	<25
SB	---	<25	<25	70	71	25	25
EB	---	39	41	86	88	34	34
WB	---	<25	<25	66	67	32	32
6. Idaho Maryland Rd / SR 49 EB Ramps							
NB right	---	40	53	50	50	<25	<25
NB left	355	86	92	152	152	52	53
WB	90	65	74	276	300	74	81
7. Idaho Maryland Rd / Railroad Ave							
EB	90	134	150	181	181	51	57

Highlighted values indicate queue length in excess of available storage with 25-feet or less increase from No Project condition
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 27B (continued)
CUMULATIVE PLUS PROJECT QUEUES
TO SR 49 (SCENARIO #2)
(PROJECT TRAFFIC HOURS)

Location	Length*	No Project Cumulative 6:30 – 7:30 AM Queue (feet)	Plus Project Cumulative 6:30 – 7:30 AM Queue (feet)	No Project Cumulative 3:30 – 4:30 PM Queue (feet)	Plus Project Cumulative 3:30 – 4:30 PM Queue (feet)	No Project Cumulative 6:30 – 7:30 PM Queue (feet)	Plus Project Cumulative 6:30 – 7:30 PM Queue (feet)
8. E. Main St / Brunswick Rd – W. Olympia Dr							
NB left	110	<25	<25	<25	<25	<25	<25
NB right	125	44	45	133	136	65	68
SB left (2 lanes)	355	67	73	180	173	102	116
WB left (2 lanes)	150	44	46	104	100	67	71
WB right	150	52	58	149	168	79	81
9. Brunswick Rd / SR 49 WB Off-Ramp – Maltman Dr							
NB left	100	<25	25	76	69	53	52
NB right	100	32	28	122	121	91	78
SB left (2 lanes)	260	144	151	150	158	144	147
SB right	260	49	46	84	82	52	52
EB	160	60	68	199	204	133	147
WB left	145	66	60	108	108	92	94
10. Brunswick Rd / SR 49 EB Ramps							
NB left	200	147	137	223	230	173	179
NB right	---	115	103	261	263	95	98
11. Brunswick Rd / Sutton Way							
NB left (2 lanes)	280	60	55	467	507	146	140
SB left	190	37	39	113	116	51	54
SB right	180	---	---	---	---	---	---
EB left (2 lanes)	185	57	57	147	134	70	62
EB right	250	53	50	215	224	104	95
WB left	125	49	50	170	180	74	79

Highlighted values indicate queue length in excess of available storage with 25-feet or less increase from No Project condition
Highlighted values indicate queue length in excess of available storage with more than 25-foot increase from No Project condition
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 27B (continued)
CUMULATIVE PLUS PROJECT QUEUES
TO SR 49 (SCENARIO #2)
(PROJECT TRAFFIC HOURS)

Location	Length*	No Project Cumulative 6:30 – 7:30 AM Queue (feet)	Plus Project Cumulative 6:30 – 7:30 AM Queue (feet)	No Project Cumulative 3:30 – 4:30 PM Queue (feet)	Plus Project Cumulative 3:30 – 4:30 PM Queue (feet)	No Project Cumulative 6:30 – 7:30 PM Queue (feet)	Plus Project Cumulative 6:30 – 7:30 PM Queue (feet)
12. Brunswick Rd / Idaho Maryland Rd							
NB left	540	92	113	152	170	56	77
SB left	120	<25	<25	188	188	104	109
EB left	150	34	<25	74	74	39	40
WB left	175	104	102	68	68	43	44
13. Brunswick Rd / Whispering Pines Ln							
NB left	210	<25	<25	<25	<25	<25	<25
EB left	110	<25	<25	58	60	<25	<25
14. Brunswick Rd / E. Bennett Rd – Greenhorn Rd							
NB left	225	<25	<25	<25	<25	<25	<25
SB left	260	<25	<25	<25	25	<25	<25
EB	---	<25	<25	<25	<25	<25	<25
WB	---	<25	<25	<25	<25	<25	<25
15. Brunswick Rd / SR 174							
SB left	90	25	28	248	260	45	48
EB left	130	<25	<25	<25	<25	<25	<25
16. Brunswick Rd / Project Driveway							
NB left	350	---	<25	---	<25	---	<25
EB	---	---	<25	---	<25	---	<25
17. E. Bennett Rd / Millsite Rd							
NB right	---	---	<25	---	<25	---	<25
18. Whispering Pines Ln / Project Driveway – Not Applicable							
19. Idaho Maryland Rd / Centennial Dr							
NB	---	29	29	302	302	29	30
WB left	130	<25	<25	<25	<25	<25	<25

Highlighted values indicate queue length in excess of available storage with 25-feet or less increase from No Project condition
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

TABLE 27B (continued)
CUMULATIVE PLUS PROJECT QUEUES
TO SR 49 (SCENARIO #2)
(PROJECT TRAFFIC HOURS)

Location	Length*	No Project Cumulative 6:30 – 7:30 AM Queue (feet)	Plus Project Cumulative 6:30 – 7:30 AM Queue (feet)	No Project Cumulative 3:30 – 4:30 PM Queue (feet)	Plus Project Cumulative 3:30 – 4:30 PM Queue (feet)	No Project Cumulative 6:30 – 7:30 PM Queue (feet)	Plus Project Cumulative 6:30 – 7:30 PM Queue (feet)
20. Idaho Maryland Rd /Sutton Way							
SB right	90	<25	<25	48	48	<25	<25
SB left	---	<25	<25	35	35	<25	<25
ÈB	---	<25	<25	105	105	<25	<25
WB	---	<25	<25	55	60	<25	<25
21. Sutton Way / Dorsey Dr							
SB right	120	<25	<25	28	28	<25	<25
SB thru	---	<25	<25	190	190	<25	<25
NB	---	30	30	1333	1340	58	60
EB	---	25	25	188	188	<25	25
22. Dorsey Dr / SR 49 EB Ramps							
NB Left (2 lanes)	215	98	101	125	128	58	52
NB right	215	59	60	97	101	62	63
EB left	180	63	63	180	174	65	75
23. Dorsey Dr / SR 49 EB Ramps							
SB right	400	53	52	63	59	49	49
SB left-thru	400	43	38	165	161	64	69
EB right	155	41	42	218	220	40	49
WB left	180	73	76	253	249	108	114
24. Brunswick Rd / Loma Rica Dr							
NB right	410	32	31	27	27	<25	<25
SB left	400	137	151	148	148	70	75
WB left	100	36	38	178	178	37	39

Highlighted values indicate queue length in excess of available storage with 25-feet or less increase from No Project condition
* - longest lane for multiple turn lane approaches
Queuing distances based on stochastic modeling

Cumulative Plus Project Conditions (Scenario #2) Roadway Segment Levels of Service. Table 28 summarizes the Levels of Service based on the Cumulative plus Project traffic volumes on study area roads with the existing roadway configuration. All segments along Brunswick Road and E. Bennett Road will continue to operate at LOS D or better while the SR 174 segment will continue to operate at LOS E. The SR 174 segment exceeds the LOS C threshold in both directions.

TABLE 28
CUMULATIVE PLUS PROJECT
TO SR 49 (SCENARIO #2)
ROADWAY SEGMENT LEVELS OF SERVICE

Roadway	Location	Facility Classification	ATS/PTSF/LOS Cumulative plus Project PM Peak Hour
Brunswick Rd	SR 49 to Whispering Pines Ln	Class I Highway	
	NB		29.5 / 82.5 / D
	SB		29.8 / 83.5 / D
	Whispering Pines Ln to E. Bennett Rd	Class I Highway	
	NB		34.1 / 87.8 / D
	SB		34.5 / 76.1 / D
	E. Bennett Rd to Project Driveway	Class I Highway	
	NB		34.6 / 69.4 / D
	SB		34.5 / 81.1 / D
	Project Driveway to SR 174	Class I Highway	
	NB		33.4 / 68.8 / D
	SB		32.7 / 81.8 / D
E. Bennett Rd	Project Driveway to Brunswick Rd	Class III Highway	
	EB		34.7 / 38.8 / C
	WB		34.7 / 57.8 / C
SR 174	Brunswick Rd to Empire St	Class I Highway	
	EB		**29.7 / 60.8 / E**
	WB		**28.6 / 81.5 / E**

ATS – average travel speed
PTSF – percent time spent following
LOS – level of service
Bold indicates LOS threshold exceeded

VIII. PAVEMENT CONDITION ANALYSIS

The purpose of this analysis is to assess the impact of the project on the roadway pavement where engineered fill haul trucks and other trucks, such as delivery vehicles and concentrate shipments, are expected to travel through NCTC's 2035 cumulative year traffic model.

Truck traffic is the primary factor affecting pavement design life and is therefore used to engineer pavement thickness. Passenger cars and pick-up trucks are considered to have a negligible impact when considering traffic loads. Traffic loads are transmitted to the pavement surface from the vehicle axles, and the loading is determined by using established constants to convert truck data into 18,000-pound Equivalent Single Axle Loads (ESAL). These ESAL's are converted into a Traffic Index (TI) which is then used to calculate the minimum pavement thickness. Pavement impacts were analyzed based on a comparison of the Traffic Index (TI) under 'Plus Project' and 'No Project' conditions. The segments studied include Brunswick Road from the project driveway north to the SR 49 / 20 interchange and along Whispering Pines Lane to the proposed Centennial site driveway.

VIII.1. Project Truck Trip Generation

Pavement analyses consider truck and bus traffic with ESAL constants varying for 2,3,4 and 5+ axle classifications. Pavement conditions were analyzed for an average day over a 20-year study period. Engineered fill will be transported in 4-axle single unit trucks. Other trucks providing materials and fuel were also assumed to be 5-axle trucks / semi-trailers. Truck trip generation for the Idaho-Maryland Mine project was estimated as shown in Table 29. The trip generation is based upon the project description identifying the projected truck traffic at both sites for the length of the project. Haul truck traffic between the Brunswick and Centennial sites is projected to last for five years of the 20-year study period while the engineered fill trucks are projected to access SR 49/20 for 15 of those years. All other trucks will access the site from the SR 49/20 interchange for the entire 20-year period.

TABLE 29
PROJECT TRUCKS (1-WAY)

Trip Type	Centennial Site Scenario #1	SR 49 Scenario #2
Engineered Fill		
Inbound Trucks (average daily)	50	50
Outbound Trucks (average daily)	50	50
Other Trucks (Brunswick Site)*		
Inbound Trucks (average daily)	6	6
Outbound Trucks (average daily)	6	6
Other Trucks† (Centennial Site)		
Inbound Trucks (average daily)	1	0
Outbound Trucks (average daily)	1	0
Total Trucks		
Inbound Trucks (average daily)	**57**	**56**
Outbound Trucks (average daily)	**57**	**56**

* includes fuel trucks, explosives trucks, cement delivery and freight trucks
† includes fuel trucks

VIII.2. Pavement Condition Analysis

The impact of the Idaho-Maryland Mine project on roadway pavement conditions was evaluated for this report. The assessment of pavement is based on Chapters 600, 610, and 630 of the *Highway Design Manual* (California Department of Transportation, 2018). As stated in the *Highway Design Manual*, pavements should be engineered to carry the truck traffic loads expected during the pavement design life. Truck traffic, which includes buses, trucks, and truck-trailers, is the primary factor affecting pavement design life and its serviceability. The methods described in the *Highway Design Manual* for evaluating impacts specify how to estimate traffic loading and pavement performance. Traffic loading is estimated by using established constants to convert truck traffic volumes into 18-kip[1] equivalent single axle loads (ESALs).

Caltrans identifies 20 and 40-year design life periods when constructing or rehabilitating pavement. For this report a 20-year design life was used to calculate the Traffic Index (TI). The ESAL constants, as described in the *Highway Design Manual*, are presented in Table 30. The total projected ESALs during the pavement design life are converted into a TI (Table 31) that is used along with the characteristics of the subgrade soils (R-Value) to determine the required pavement thickness.

[1] 1 kip equals 1,000 pounds

TABLE 30
EQUIVALENT SINGLE AXLE LOAD CONSTANTS

Vehicle Type (By Axle Classification)	10-Year Constants	20-Year Constants	30-Year Constants	40-Year Constants
2-axle Trucks or Buses	690	1,380	2,070	2,760
3-axle Trucks or Buses	1,840	3,680	5,520	7,360
4-axle Trucks or Buses	2,940	5,880	8,820	11,760
5 or more-axle Trucks	6,890	13,780	20,670	27,560

Source: Caltrans Highway Design Manual (California Department of Transportation, 2012)

A fundamental characteristic of pavement condition analysis as described in the *Highway Design Manual* is that the TI value is calculated for a design life. The pavement condition analysis is analyzed over its design life timeframe. The mid-point of the timeline, in this analysis, is 10 years from Existing conditions, and represents the "average" ESAL over the design life. The proposed project will haul engineered fill between the Brunswick site and the Centennial site for five years while engineered fill will be hauled offsite via SR 49/20 for 15 years; therefore, the haul route between the Brunswick and Centennial sites will be used for 25% of the time while the SR 49 route will be used for 75% of the time. Other trucks, materials delivery and concentrate trucks, will access the Brunswick Road / SR 49/20 interchange throughout the duration of the project.

The *Highway Design Manual* indicates that the TI is a measure of the number of ESALs expected in the traffic lane over the pavement design life of the facility. The TI does not vary linearly with the ESAL values, but rather according to the exponential formula below and the values presented below.

$$TI = 9.0 \times ((\ ESAL \times LDF\ ) / 10^6\ )^{0.119}$$

Where:

TI = Traffic Index (determined to the nearest 0.5)
ESAL = Total number of cumulative 18-kip Equivalent Single Axle Loads
LDF = Lane Distribution Factor (Table 613.3B of the *Highway Design Manual*)
LDF =1

An increase in the TI as a result of a new project or regional growth creates a corresponding decrease in the expected life of the existing pavement. This is due to a pavement being designed to a particular thickness based on the TI and R values. A higher TI will result in a thicker pavement. If the pavement is not being changed, the result is a shorter lifespan. The actual decrease in the life of the pavement for a given increase in the TI is dependent upon variable factors such as the existing asphalt concrete thickness, the existing aggregate base thickness, and the

strength of the subgrade soils (R-Value). The determination of these factors is beyond the scope of this traffic impact study. Therefore, the actual decrease in pavement life is not identified.

TABLE 31
CONVERSION OF EQUIVALENT SINGLE AXLE LOADS (ESAL)
TO TRAFFIC INDEX (TI)

Equivalent Single Axle Loads (ESAL)	Traffic Index (TI)	Equivalent Single Axle Loads (ESAL)	Traffic Index (TI)
4,710		6,600,000	
	5.0		11.5
10,900		9,490,000	
	5.5		12.0
23,500		13,500,000	
	6.0		12.5
47,300		18,900,000	
	6.5		13.0
89,800		26,100,000	
	7.0		13.5
164,000		35,600,000	
	7.5		14.0
288,000		48,100,000	
	8.0		14.5
487,000		64,300,000	
	8.5		15.0
798,000		84,700,000	
	9.0		15.5
1,270,000		112,000,000	
	9.5		16.0
1,980,000		144,000,000	
	10.0		16.5
3,020,000		186,000,000	
	10.5		17.0
4,500,000		238,000,000	
	11.0		17.5
6,600,000		303,000,000	

Source: Caltrans Highway Design Manual (California Department of Transportation, 2018)
Notes: According to Table 613.3C of the Caltrans Highway Design manual, "the determination of the TI closer than 0.5 is not justified. No interpolation should be made."
For ESAL's less than 5,000 or greater than 300,000,000, use the TI equation to calculate the design TI

VIII.3. Data Collection

Vehicle classification counts were conducted along Brunswick Road, E. Bennett Road and Whispering Pines Lane during the week of September 23, 2019 while school was in session to determine the existing daily truck volumes. The classification count provided a breakdown, by direction and axle, of the types of trucks along each of the roadways and is provided in Appendix 6. For this report, the impact of the Idaho-Maryland Mine project on pavement condition was analyzed for the following roadways, which includes the Centennial Industrial site haul route for five of the 20 years and the SR 49 haul route for 15 of the 20 years:

- Brunswick Rd between the Project Site Access and E. Bennett Rd – Greenhorn Rd,
- Brunswick Rd between E. Bennett Rd – Greenhorn Rd and Whispering Pines Ln,
- Brunswick Rd between Whispering Pines Ln and SR 49/20,
- E. Bennett Rd between Project Site Access and Brunswick Rd,
- Whispering Pines Ln between Brunswick Rd and Crown Point Circle, and
- Whispering Pines Ln between Crown Point Circle and Centennial Industrial Site.

Table 32 presents a breakdown of the existing average daily traffic conditions along the roadway segments including the vehicle classification in each direction along the roadway, and the truck type, by axle.

TABLE 32
AVERAGE DAILY TRAFFIC / TRUCK CLASSIFICATION

Location	Daily Traffic	2-Axle Volume	3-Axle Volume	4-Axle Volume	5+ Axle Volume
Brunswick Road					
102 north of Whispering Pines Lane					
NB	6,185	313	0	28	4
SB	6,109	297	0	24	3
105 Whispering Pines Lane to E. Bennett Rd					
NB	7,752	703	50	31	31
SB	7,614	534	50	26	14
107 E. Bennett Rd to Project Driveway					
NB	4,680	319	13	12	7
SB	4,752	170	13	7	14
E. Bennett Rd					
106 Millsite Rd to Brunswick Rd					
EB	721	50	4	1	2
WB	763	57	4	1	0
Whispering Pines Lane					
104 Brunswick Rd to Crown Point Cir					
EB	1,339	84	12	3	5
WB	1,136	100	12	3	2
103 Crown Point Cir to Centennial Site					
EB	1,608	61	11	2	2
WB	1,744	51	11	4	4

The NCTC travel demand model traffic volume forecasts were used for this report. TI values were calculated for conditions without the proposed project and for conditions with the proposed project with both haul routes. As noted above, an increase in the TI as a result of a new project creates a corresponding decrease in the expected life of the existing pavement. Therefore, if the TI value for conditions with the proposed project is higher than the TI value without the project, this would indicate a project-related decrease in the expected life of the pavement and is considered an adverse impact.

A summary of the pavement condition analysis is presented in Table 33. For each roadway segment analyzed, Table 33 presents TI values for conditions without the Idaho-Maryland Mine project and TI values for conditions with the proposed project under both hauling scenarios. As noted above, the proposed project is considered to have an adverse impact if it would result in an increase in the TI value.

TABLE 33
ROADWAY SEGMENT TRAFFIC INDEX (TI) SUMMARY

Roadway Segment	Direction	20 Year Without Project	20 Year With Project TI (To Centennial Site – Scenario #1)	20 Year With Project TI (To SR 49 – Scenario #2)
Brunswick Road between the Project Site Access and E. Bennett Road – Greenhorn Road	Northbound	8.5	8.5	8.5
	Southbound	8.5	8.5	8.5
Brunswick Road between E. Bennett Road – Greenhorn Road and Whispering Pines Lane	Northbound	9.5	**10.0**	**10.0**
	Southbound	9.5	9.5	9.5
Brunswick Road between Whispering Pines Lane and SR 49/20	Northbound	8.5	8.5	**9.0**
	Southbound	8.5	8.5	8.5
E. Bennett Road between Project Site Access and Brunswick Road	Eastbound	7.0	**8.0**	**8.0**
	Westbound	7.0	7.0	7.0
Whispering Pines Lane between Brunswick Road and Crown Point Circle	Eastbound	8.0	8.0	Not used
	Westbound	8.0	8.0	Not used
Whispering Pines Lane between Crown Point Circle and Centennial Industrial Site	Eastbound	7.5	7.5	Not used
	Westbound	7.5	7.5	Not used

- Notes: ESAL – Equivalent Single Axle Load; TI= Traffic Index
- Calculation of TI Values presented in Technical Appendix
- **Bold** indicates existing TI exceeded

Implementation of the Idaho-Maryland Mine project would result in an increase in the TI value on the following directional roadway segments:

<u>To Centennial Industrial Site</u>

- Brunswick Road northbound between E. Bennett Rd and Whispering Pines Lane,
- E. Bennett Road between Millsite Road (project driveway) and Brunswick Road,

<u>To SR 49/20</u>

- Brunswick Road northbound between E. Bennett Rd and Whispering Pines Lane,
- Brunswick Road northbound between Whispering Pines Lane and SR 49/20, and
- E. Bennett Road between Millsite Road (project driveway) and Brunswick Road.

Because the design pavement thickness for roadway segments depends on the projected TI, the additional project truck traffic would result in a shorter lifespan of the pavement or increased maintenance.

IX. TRUCK TURN ASSESSMENT

This section presents an assessment of the adequacy of routes to and from the Brunswick Industrial site on Brunswick Road. The purpose of this analysis is to determine whether key intersections along each route, as currently configured, can accommodate haul trucks and to identify the approximate level of roadway widening improvements that would likely be necessary to allow haul truck movements. The haul truck to be used is a single unit 4-axle Superior Super Tag SST100 truck.

Study Area. Haul truck traffic to and from the Brunswick Industrial site consists of inbound and outbound routes to both the Centennial Industrial site and to the SR 49/20 / Brunswick Road interchange. Five (5) intersections were analyzed:

Brunswick Industrial Site Driveway. This entrance will be used for haul trucks entering the Brunswick Industrial site from the north. This will include right turning traffic into the site.

Millsite Road / E. Bennett Road Exit. This location will be used only for haul trucks departing the Brunswick Industrial site and heading to either the Centennial Industrial Use site or SR 49/20. This will include right turning traffic departing the site.

Brunswick Road / E. Bennett Road – Greenhorn Road. This location includes southbound through traffic and eastbound to northbound left turning traffic. The AutoTURN analysis only considered the turning movement.

Brunswick Road / Whispering Pines Lane. This location includes northbound to westbound traffic heading to the Centennial Industrial site and eastbound to southbound traffic heading from the Centennial site. Truck traffic will also use this intersection heading to SR 49/20; however, these through movements were not analyzed.

Centennial Industrial Use Site Driveway. This location includes westbound left turn movements into the proposed Centennial Industrial site driveway and northbound right turn movements departing the driveway.

IX.1. Methods of Analysis

AutoTURN. The assessment of truck turning movements was conducted using AutoTURN software prepared by Transoft. This software implements procedures described in the American Association of State and Highway Transportation Officials (AASHTO) document *A Policy on Geometric Design of Highways and Streets*, and the Caltrans *Highway Design Manual*. The software is a CADD based program that simulates turning maneuvers for various vehicles. The program is used to define both vehicle tire tracking and trailer sweep paths in order to test design roadway features to meet minimum design vehicle constraints. A Superior Super Tag SST100 truck vehicle template was created based on information obtained for this vehicle.

The spatial database used in the analysis of all truck turning movements was based on aerial photography acquired from Google Earth, with imagery dated May 17, 2018. At each location the aerial photograph was imported into a CADD file. AutoTURN was then superimposed over each aerial photograph to simulate the projected turning paths for a STAA vehicle. The resulting paths were then reviewed to determine the ability of vehicles to complete the required movements within the identified constraints:

- Drive off of the edge of the pavement or
- Encroach into the opposing lane.

These AutoTURN paths were then used to develop the limits of new pavement and shoulder, if needed, for each turning movement. Subsequent analysis based on new survey information would be needed to finalize design recommendations.

IX.2. Results

Figures 14 through 18 present haul truck turning movements at the five locations studied.

Brunswick Industrial Site Driveway (Figure 14)

Figure 14 presents the truck turning movement for inbound haul trucks. Trucks will approach the project driveway from the north, from either SR 49/20 or the Centennial Industrial Site. The AutoTURN path shows that the truck will be able to enter the wide driveway unimpeded, while allowing any outbound vehicles to queue adjacent to the inbound movements.

E. Bennett Road / Millsite Road Access (Figure 15)

Figure 15 presents the truck turning movement for haul trucks departing the Brunswick site. The AutoTURN assessment considered the existing gravel road as seen in the figure as well as a former road looping around the mine shaft. This road is proposed to be used as it allows departing trucks to approach E. Bennett Road at a 90° angle, maximizing visibility for departing drivers. As shown in the figure the intersection will require new pavement along the Millsite Road approach.

Brunswick Road / E. Bennett Road (Figure 16)

Figure 16 presents the truck turning movement for trucks leaving the Brunswick site and heading north on Brunswick Road to either the Centennial Industrial site or SR 49/20. The AutoTURN assessment illustrates that the design vehicle can complete the left turn without entering the southbound left turn lane. Additionally, the vehicle envelope will remain on the roadway along northbound Brunswick Road.

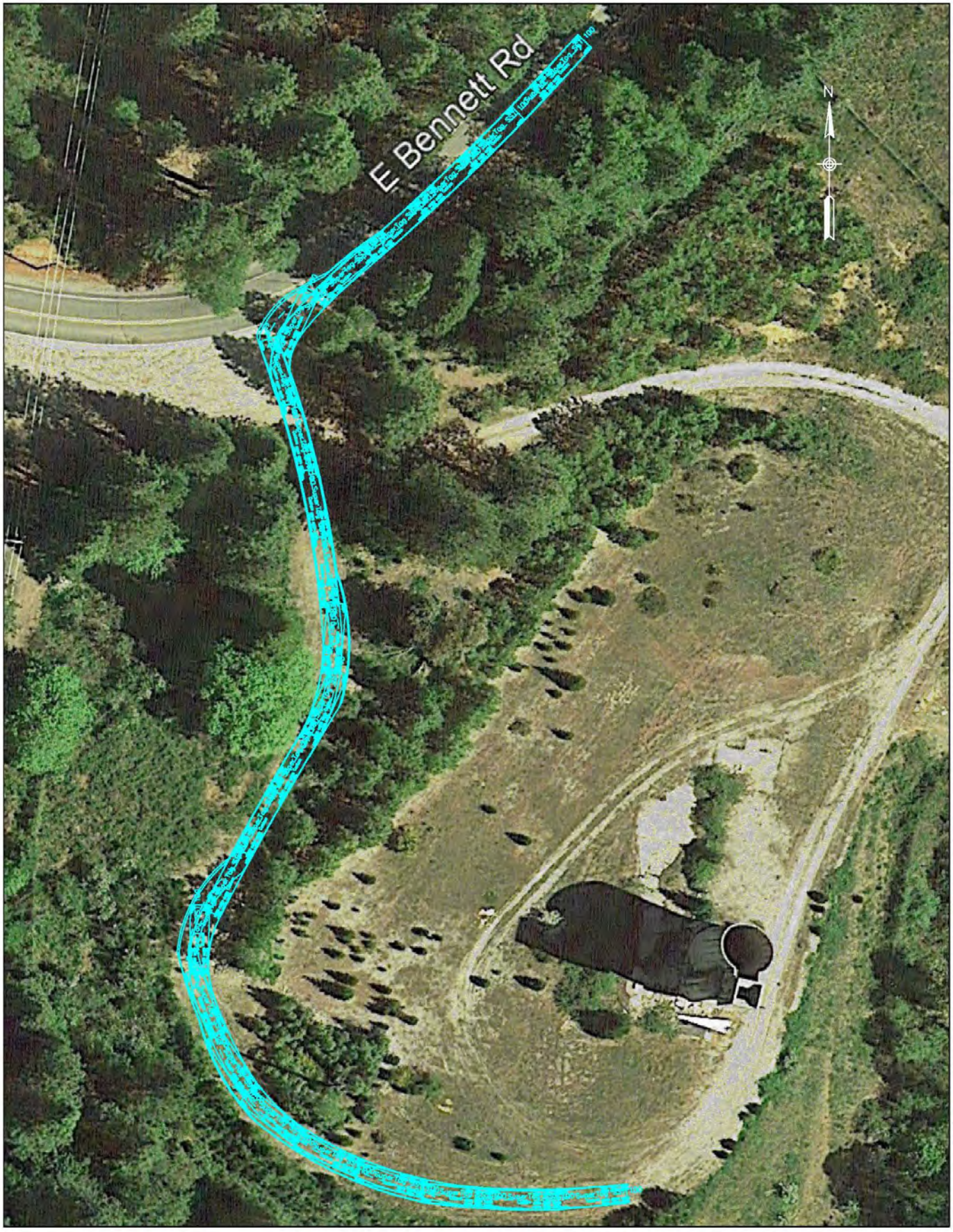
Brunswick Road / Whispering Pines Lane (Figure 17)

Figure 17 presents the truck turning movement for trucks turning to and leaving from the Centennial Industrial site. The AutoTURN assessment shows that northbound to westbound movements can be completed without entering the eastbound left turn lane or the westbound shoulder. AutoTURN indicates that the eastbound to southbound right turn will be completed with trucks able to complete the right turn while staying within the eastbound approach and the outside departure lane along Brunswick Road. The truck wheels should not overtop the curb in the southwest quadrant of the intersection.

Centennial Industrial Site Driveway (Figure 18)

The existing center median east of the project frontage along Whispering Pines Lane ends about 60' east of the property. The east end of the property is the approximate location where the full width roadway section ends, and a two-way roadway begins and continues to Idaho Maryland Road. To provide access to the Centennial site widening of the south side of Whispering Pines Lane is proposed. Figure 18 shows the proposed conceptual layout of the roadway improvements along the project frontage to allow haul trucks to enter and exit the site. This plan was reviewed by City of Grass Valley staff. Whispering Pines Lane would be widened to provide a 12' two-way-left-turn-lane (TWLTL), a 12' travel lane and a 6' bicycle lane. This layout will allow haul trucks to queue in the TWLTL while waiting to enter the site. The AutoTURN assessment shows that inbound and outbound trucks can turn simultaneously without interfering with the opposing vehicle. One alternative considered but dismissed was the installation of a driveway as the extension of Centennial Drive, creating a tee intersection with Whispering Pines Lane. This would require either installation of an unwarranted all-way stop control intersection or installation of a non-standard stop control with stop control only on the Industrial site driveway leg.

AUTOTURN ASSESSMENT
BRUNSWICK ROAD DRIVEWAY

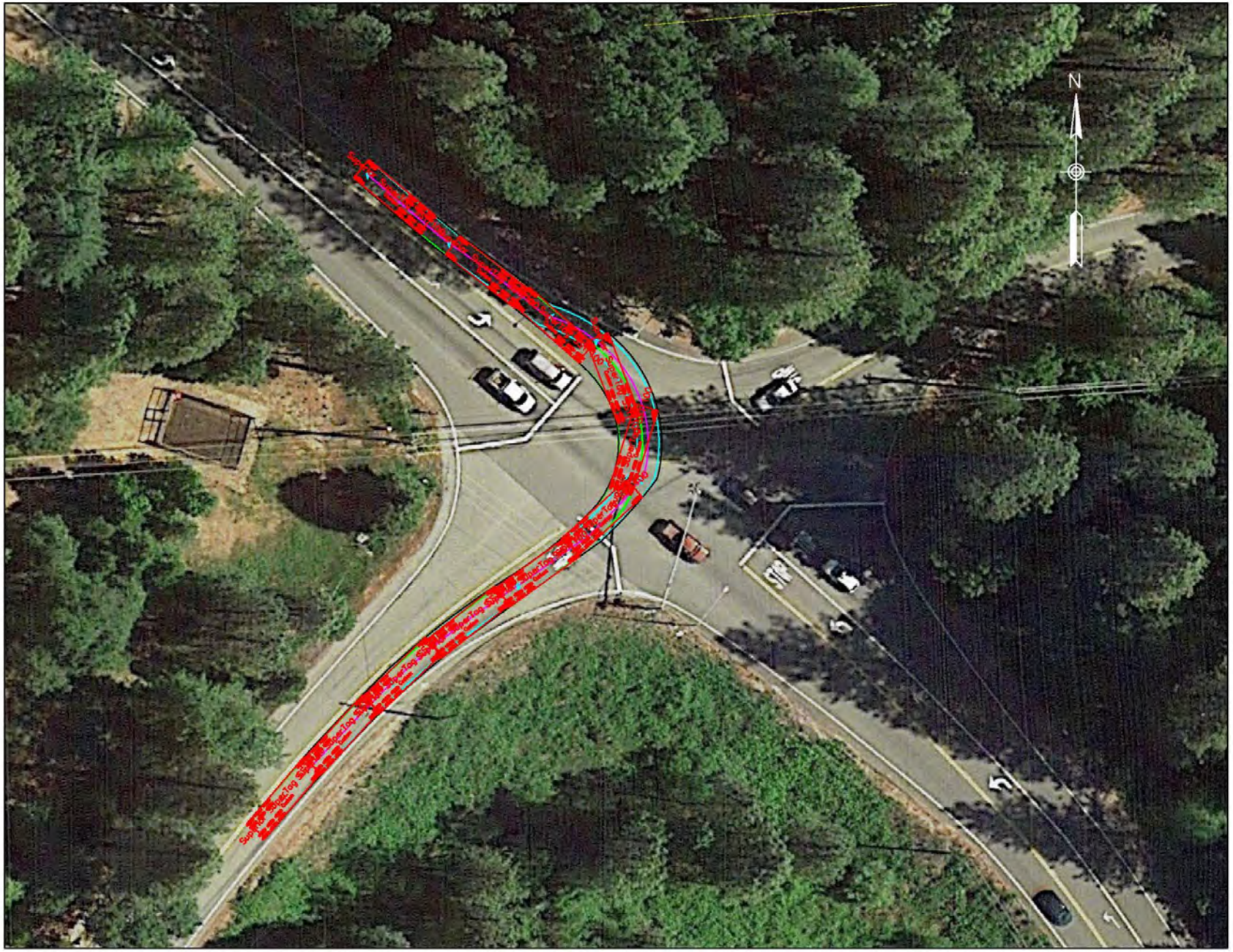


AUTOTURN ASSESSMENT
MILLSITE ROAD AT E BENNETT ROAD

KD Anderson & Associates, Inc.
Transportation Engineers

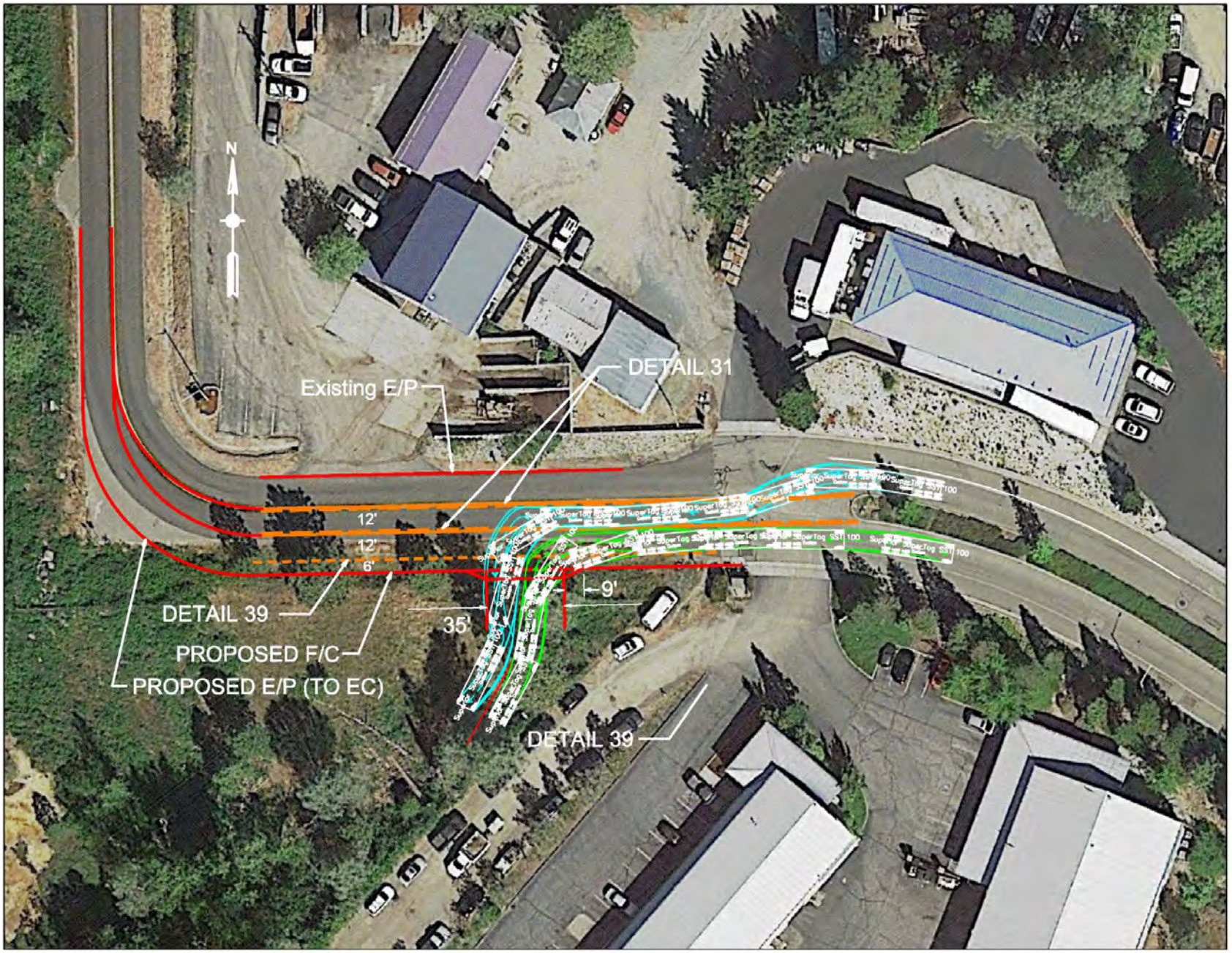
5875-01 RA 4/25/2022

figure 15



AUTOTURN ASSESSMENT
BRUNSWICK ROAD AT E BENNETT ROAD

AUTOTURN ASSESSMENT
BRUNSWICK ROAD AT WHISPERING PINES LANE



AUTOTURN ASSESSMENT
CENTENNIAL SITE DRIVEWAY

X. SIGHT DISTANCE

A sight distance analysis was completed at several locations along the proposed haul routes. These included the Brunswick Road driveway, the Millsite Road driveway, the Centennial Site driveway and the Brunswick Road / Whispering Pines Lane intersection.

Available sight distance was evaluated using the standards documented in the Caltrans *Highway Design Manual* (HDM). Based on the locations of the driveways "**Minimum Stopping Sight** Distance" (MSSD) and "**Corner Sight Distance**" (CSD) was considered. These criteria are documented in Tables 201.1 and 405.1A of the HDM; the HDM notes that the MSSD criterion is used for CSD evaluation at unsignalized urban driveways.

Brunswick Road Driveway. The posted speed limit along Brunswick Road is 50 miles per hour (mph). Considering CSD requirements the corresponding minimum sight distance standard for this speed is 700 feet for left turning vehicles and 775 feet for right running vehicles. Figure 19 illustrates the sight line looking north with a line of sight of 800 feet. Figure 20 provides the sight line looking south with a line of sight of 750 feet. Both directions meet the CSD requirements. Any landscaping material over 2 feet in height inside the sight line should be removed.

Millsite Road. The posted speed limit along E. Bennett Road is 35 mph. Considering CSD requirements the corresponding minimum sight distance standard for this speed is 540 feet. The sight line was reviewed for eastbound traffic as this access will be restricted to right turning movements. Figure 21 presents the sight line looking west of 580 feet. This exceeds the CSD requirement. The entire sight line is along paved roads.

Whispering Pines Lane. The posted speed limit along Brunswick Road is 45 mph. Considering CSD requirements the corresponding minimum sight distance standard for this speed is 695 feet. The sight line was reviewed for southbound traffic as all truck traffic from the Centennial Site will be turning right heading to the Brunswick Site. Figure 22 presents the sight line looking north of 1,000 feet. This exceeds the CSD requirement.

Centennial Site Driveway. The posted speed limit along Whispering Pines Lane and Centennial Drive is 30 mph. However, traffic heading south on Centennial Drive is required to make a 90° turn to the east onto Brunswick Road. Warning signs along Centennial Road note that truck traffic is present on the road and a left turn sign with a suggested speed of 15 mph is present just prior to the 90° turn. The sight line was reviewed for eastbound traffic as haul trucks leaving the site will head east back to the Brunswick Site.

MSSD requirements for vehicles completing the 90° left turn at the suggested 15 mph speed requires a minimum sight distance of 100 feet. Figure 23 illustrates the sight line looking west with a line of sight of 210 feet. This meets the MSSD requirement. The entire sight line is along paved roads.

SIGHT DISTANCE
BRUNSWICK ROAD LOOKING NORTH AT DRIVEWAY
800 FEET

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5875-01 RA 4/25/2022

figure 19

SIGHT DISTANCE
BRUNSWICK ROAD LOOKING SOUTH AT DRIVEWAY
750 FEET

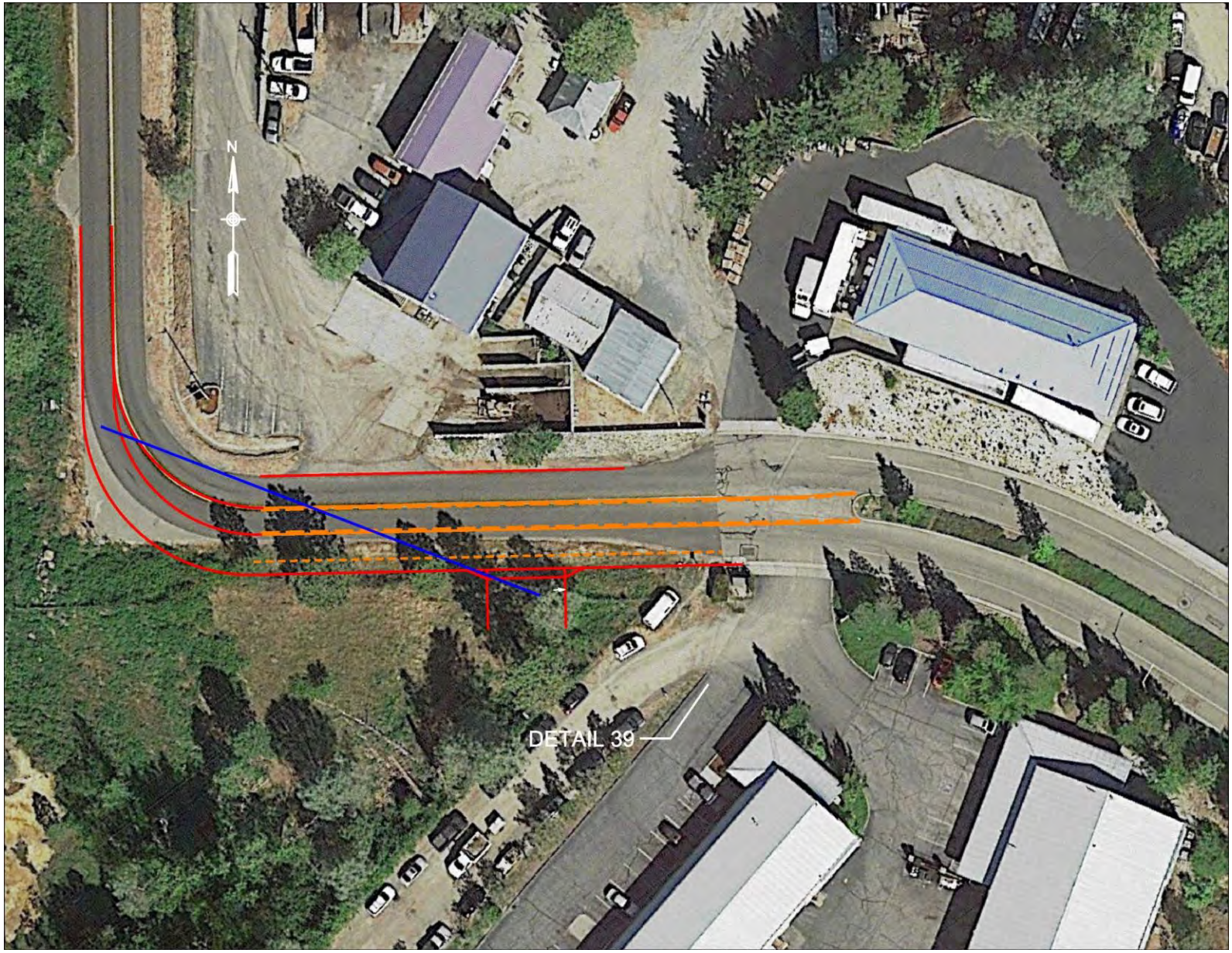
KD Anderson & Associates, Inc.
Transportation Engineers

5875-01 RA 4/25/2022

figure 20

SIGHT DISTANCE
MILLSITE ROAD LOOKING WEST
580 FEET

SIGHT DISTANCE
WHISPERING PINES LANE LOOKING NORTH
1000 FEET



SIGHT DISTANCE
CENTENNIAL SITE DRIVEWAY LOOKING WEST
210 FEET

XI. ACCELERATION ON GRADE

The location of the Brunswick site relative to hauling engineered fill to either the Centennial Industrial site or SR 49/20 requires loaded trucks to travel northbound uphill on Brunswick Road from E. Bennett Road about ¼ mile north until it reaches the crest just west of Loma Rica Drive. Brunswick Road has a posted speed limit of 50 mph and is used by truck traffic between SR 174 and SR 49-20. Trucks currently account for about 6% of all traffic between SR 49 and SR 174, with the truck traffic increasing to about 9% between Whispering Pines Lane and E. Bennett Road. Trucks also account for about 8% of traffic along Whispering Pines Lane.

Heading north along Brunswick Road, the grade departing the E. Bennett Road intersection is about 1% for ~800 feet after which the grade increases to approximately 8% for ~600 feet. From the crest to Whispering Pines Lane the grade declines at approximately 5%. Trucks returning from the Centennial site or SR 49/20 will travel unloaded and will be able to accelerate more quickly, especially when entering southbound Brunswick Road from Whispering Pines Lane.

Section 3.4 of AASHTO's Policy of Geometric Design of Highways and Street (i.e., the Green Book) was reviewed to estimate the speeds of trucks on these hills. As trucks depart the E. Bennett Road intersection, the northbound grade is flat and allows trucks to accelerate smoothly. Figure 3-16 of the Green Book suggests that a fully laden "typical truck" can reach about 42 mph prior to arriving at the 8% grade west of Loma Rica Drive. Trucks will then decelerate to about 35 mph as they travel up the grade.

Southbound trucks heading towards the Brunswick site will either be traveling at a higher rate of speed (i.e. 45 mph) as they travel south through the intersection or will be accelerating from a stopped condition as they turn right from Whispering Pines Lane. As noted in the *Sight Distance* section vehicles turning right have 1000 feet of sight distance looking north. While these trucks are accelerating from a stopped condition, they should be able to accelerate faster and to a higher speed as they will be unloaded; the AASHTO figures account for gross vehicle weight. Two southbound lanes are present along Brunswick Road north of Whispering Pines Lane. The outside lane continues for about 325 feet before ending and merging into the inside lane. The uphill 5%± grade continues past Loma Rica Drive for about 1,500 feet before reaching the crest. Under a fully laden condition trucks should be able to reach the merge point with a speed of about 26 mph and reach a speed of about 33 mph by the time they reach the crest. Project trucks will reach higher speeds because they are empty, and the available sight distance will allow drivers to enter Brunswick Road when road conditions permit.

XII. VEHICLE LEVEL OF SERVICE FINDINGS AND RECOMMENDATIONS

The preceding analysis has identified the effect of the project on the local roadway network. Recommendations are identified for facilities that have deficiencies in the roadway network without and with the project.

XII.1. Existing Conditions - Recommendations

Intersections

Three intersections, in the 3:30-4:30 PM period as shown in Table 4B, currently operate below the acceptable LOS D threshold, at LOS E or F. These include Brunswick Road at Idaho Maryland Road, SR 174 at Brunswick Road, and Idaho Maryland Road at Centennial Drive. Installation of traffic signals would result in acceptable levels of service. Brunswick Road at Idaho Maryland Road will operate at LOS B and Idaho Maryland Road at Centennial Drive will operate at LOS B after installation of traffic signals.

The City of Grass Valley has Transportation Impact Fee Projects, outlined in its 2016 Nexus Study update (GVTIF) which includes a plan to install traffic signals at the Brunswick Road at Idaho Maryland Road and Idaho Maryland Road at Centennial Drive intersections.

SR 174 at Brunswick Road was previously identified to be signalized in the NCTC Regional Transportation Program (RTMF); however, the most recent study, the NCTC 2016 Nexus Study, removed the project from the program as this study showed acceptable intersection levels of service. The Caltrans SR 174 TCR continues to identify this intersection as a planned, but unfunded improvement which could include either a traffic signal or roundabout.

The Nevada County General Plan Policy LU-4.1.6 states "Relative to the State highway system, Nevada County recognizes the major funding limitations that exist within the State system and finds that as a matter of policy, additional growth and development may be allowed within the County, notwithstanding the adverse impacts which may result in the short term by this growth and development."

Roadway Segments

One roadway segment currently operates below the acceptable LOS threshold, at LOS E during the existing peak hour as shown in Table 6. This is the segment of SR 174 between Brunswick Road and Empire Street which is within the rural region of the County. Caltrans has one project programmed in their SR 174 Transportation Concept Report (TCR) in the segment from the Placer County line to the Grass Valley city limit. The project includes widening shoulders and curve improvements from near Bar Ela Ranch Road to You Bet Road. There are five conceptual projects also identified. These include: 1) construction of a left turn lane at Bartlett Drive including Class III bicycle and pedestrian facilities, 2) construction of a Class III bike facility between Rattlesnake Road and the Grass Valley city limit, 3) construction of a Class III bike facility between the Placer

County line (PM 0.00) and post mile 2.74, 4) construction of one turnout in each of the northbound and southbound directions between the Placer County line and Brunswick Road, and 5) construction of a Class III bicycle facility between You Bet Road and Brunswick Road.

The Nevada County General Plan Policy LU-4.1.6 states "Relative to the State highway system, Nevada County recognizes the major funding limitations that exist within the State system and finds that as a matter of policy, additional growth and development may be allowed within the County, notwithstanding the adverse impacts which may result in the short term by this growth and development."

XII.2. Existing Plus Approved Projects Conditions - Recommendations

Intersections

Three intersections, in the 3:30-4:30 PM period as shown in Table 7B, will operate below acceptable the LOS D threshold, at LOS E or F. These include Brunswick Road at Idaho Maryland Road, SR 174 at Brunswick Road and Idaho Maryland Road at Centennial Drive. Installation of traffic signals would result in acceptable levels of service. Brunswick Road at Idaho Maryland Road will operate at LOS C and Idaho Maryland Road at Centennial Drive will operate at LOS B after installation of traffic signals.

The City of Grass Valley has Transportation Impact Fee Projects, outlined in its 2016 Nexus Study update, (GVTIF) which includes a plan to install traffic signals at the Brunswick Road at Idaho Maryland Road and Idaho Maryland Road at Centennial Drive intersections.

SR 174 at Brunswick Road was previously identified to be signalized in the NCTC Regional Transportation Program (RTMF); however, the most recent study, the NCTC 2016 Nexus Study, removed the project from the program as this study showed acceptable intersection levels of service. The Caltrans SR 174 TCR continues to identify this intersection as a planned, but unfunded improvement which could include either a traffic signal or roundabout.

The Nevada County General Plan Policy LU-4.1.6 states "Relative to the State highway system, Nevada County recognizes the major funding limitations that exist within the State system and finds that as a matter of policy, additional growth and development may be allowed within the County, notwithstanding the adverse impacts which may result in the short term by this growth and development."

Roadway Segments

One roadway segment will operate below the acceptable LOS threshold, at LOS E in the Existing Plus Approved Projects peak hour as shown in Table 9. This is the segment of SR 174 between Brunswick Road and Empire Street which is within the rural region of the County. Caltrans has one project programmed in their SR 174 Transportation Concept Report (TCR) in the segment from the Placer County line to the Grass Valley city limit. The project includes widening shoulders

and curve improvements from near Bar Ela Ranch Road to You Bet Road. There are five conceptual projects also identified. These include: 1) construction of a left turn lane at Bartlett Drive including Class III bicycle and pedestrian facilities, 2) construction of a Class III bike facility between Rattlesnake Road and the Grass Valley city limit, 3) construction of a Class III bike facility between the Placer County line (PM 0.00) and post mile 2.74, 4) construction of one turnout in each of the northbound and southbound directions between the Placer County line and Brunswick Road, and 5) construction of a Class III bicycle facility between You Bet Road and Brunswick Road.

The Nevada County General Plan Policy LU-4.1.6 states "Relative to the State highway system, Nevada County recognizes the major funding limitations that exist within the State system and finds that as a matter of policy, additional growth and development may be allowed within the County, notwithstanding the adverse impacts which may result in the short term by this growth and development."

XII.3. Existing Plus Approved Projects Plus Project Conditions (Scenario #1 – Centennial Site)

As identified in the project description the project intends to operate under the following work periods:

- 7:00 a.m. – mining shift change and inbound administrative personnel begin day
- 3:30 p.m. – administrative personnel day ends
- 7:00 p.m. – mining shift change

Under the proposed work periods there is negligible traffic to or from the site during the a.m. and p.m. peak hours. The majority of project traffic occurs in the periods surrounding mining shift changes and the end of the administrative personnel workday as identified above; the end of the day for administrative personnel does occur during some peak periods, and this was reflected in the level of service analyses during the 3:30-4:30 p.m. analysis period. Recommendations, therefore, are based on the project traffic hours.

Intersections

During the 3:30-4:30 PM period, as shown in Table 14B, three intersections will operate below the acceptable LOS D threshold, at LOS E or F. These include Brunswick Road at Idaho Maryland Road, SR 174 at Brunswick Road and Idaho Maryland Road at Centennial Drive, all of which already operate below the acceptable LOS D threshold under Existing and EPAP scenarios.

12) Brunswick Road at Idaho Maryland Road - Signalization will improve the intersection to LOS D. This intersection is identified to be signalized in the City of Grass Valley GVTIF. The project is expected to add 35 additional vehicles through the intersection during the 3:30-4:30 PM time period. As the signalization of this intersection is included in the GVTIF, payment of the GVTIF will mitigate project impacts to this intersection.

15) SR 174 at Brunswick Road - Signalization or a roundabout would improve the intersection to acceptable LOS conditions. The project is expected to add 10 additional vehicles through the intersection during the 3:30 to 4:30 PM time period. NCTC removed this intersection from their RTMF program in their 2016 Nexus Study while Caltrans has the intersection identified as a planned, but unfunded improvement in their SR 174 TCR. Installation of a traffic signal would improve the intersection operation to LOS B with an overall delay of 13.3 seconds per vehicle. The fair share payment will be implemented through a mitigation measure that requires the applicant to enter into a traffic mitigation agreement with Nevada County. Based on the Caltrans methodology to assess fair share, the fair share percentage is 14.9%. Based on an estimated cost of $450,000 this would equal $67,050.

19) Idaho Maryland Road at Centennial Drive - Signalization will improve the intersection to LOS D. This intersection is identified to be signalized in the City of Grass Valley GVTIF. The project is expected to add 18 additional vehicles through the intersection during the 3:30 to 4:30 PM time period. As the signalization of this intersection is included in the GVTIF, payment of the GVTIF will mitigate project impacts to this intersection.

Roadway Segments

One roadway segment will continue to operate below the acceptable LOS threshold, at LOS E as shown in Table 16. This is the segment of SR 174 between Brunswick Road and Empire Street which is within the rural region of the County. Caltrans has not identified a widening project to improve roadway operational characteristics in this segment. This segment will continue to operate at LOS E during the peak hour. The project has minimal effect on projected conditions with an increase in the percent time following (PTSF) from 76.9% (Table 9) to 78.2% (Table 16) in the westbound direction; the average travel speed (ATS) will decrease by 0.1 mph, from 29.3 mph to 29.2 mph. The PTSF in the eastbound direction will remain unchanged at 59.8% and the ATS will decrease by 0.1 mph, from 30.3 mph to 30.2 mph. Under County Policy LU-4.16, relative to the State highway system, additional growth and development may be allowed within the County, notwithstanding the adverse impacts which may result in the short term by this growth and development.

Acceleration on Grade

A W51 “Slow Trucks” sign should be installed northbound along Brunswick Road about 500 feet north of the E. Bennett Road intersection. Currently, about 9% of the daily traffic is heavy trucks. The posted speed departing the intersection is 50 mph and a horizontal curve is present about 700 feet to the north. Installation of a “Slow Trucks” sign will provide notification to motorists that slower moving vehicles may be on the roadway prior to reaching the uphill grade approaching Loma Rica Drive.

Pavement

Millsite Road is currently unimproved. As part of the project, the E. Bennett Rd / Millsite Road intersection should be paved to accommodate the projected outbound truck traffic. The project should pay for this improvement.

XII.4. Existing Plus Approved Projects Plus Project Conditions (Scenario #2 – To SR 49)

As identified in the project description the project intends to operate under the following work periods:

- 7:00 a.m. – mining shift change and inbound administrative personnel begin day
- 3:30 p.m. – administrative personnel day ends
- 7:00 p.m. – mining shift change

Under the proposed work periods there is negligible traffic to or from the site during the a.m. and p.m. peak hours. The majority of project traffic occurs in the periods surrounding mining shift changes and the end of the administrative personnel workday as identified above; the end of the day for administrative personnel does occur during some peak periods, and this was reflected in the level of service analyses during the 3:30-4:30 p.m. analysis period. Recommendations, therefore, are based on the project traffic hours.

Intersections

During the 3:30-4:30 PM period, as shown in Table 17B, three intersections will operate below the acceptable LOS D threshold, at LOS E or F. These include Brunswick Road at Idaho Maryland Road, SR 174 at Brunswick Road and Idaho Maryland Road at Centennial Drive, all of which already operate below the acceptable LOS D threshold under Existing and EPAP scenarios.

12) Brunswick Road at Idaho Maryland Road - Signalization will improve the intersection to LOS D. This intersection is identified to be signalized in the City of Grass Valley GVTIF. The project is expected to add 47 additional vehicles through the intersection during the 3:30-4:30 PM time period. As the signalization of this intersection is included in the GVTIF, payment of the GVTIF will mitigate project impacts to this intersection.

15) SR 174 at Brunswick Road - Signalization or a roundabout would improve the intersection to acceptable LOS conditions. The project is expected to add 10 additional vehicles through the intersection during the 3:30 to 4:30 PM time period. NCTC removed this intersection from their RTMF program in their 2016 Nexus Study while Caltrans has the intersection identified as a planned, but unfunded improvement in their SR 174 TCR. Installation of a traffic signal would improve the intersection operation to LOS B with an overall delay of 13.3 seconds per vehicle. The fair share payment will be implemented through a mitigation measure that requires the applicant to enter into a traffic mitigation agreement with Nevada

County. Based on the Caltrans methodology to assess fair share, the fair share percentage is 14.9%. Based on an estimated cost of $450,000 this would equal $67,050.

19) Idaho Maryland Road at Centennial Drive - Signalization will improve the intersection to LOS D. This intersection is identified to be signalized in the City of Grass Valley GVTIF. The project is expected to add 15 additional vehicles through the intersection during the 3:30-4:30 PM time period. As the signalization of this intersection is included in the GVTIF, payment of the GVTIF will mitigate project impacts to this intersection.

Roadway Segments

One roadway segment will continue to operate below the acceptable LOS threshold, at LOS E as shown in Table 19. This is the segment of SR 174 between Brunswick Road and Empire Street which is within the rural region of the County. Caltrans has not identified a widening project to improve roadway operational characteristics in this segment. This segment will continue to operate at LOS E during the peak hour. The project has minimal effect on projected EPAP conditions with modelling showing an increase in the percent time following (PTSF) from 76.9% (Table 9) to 78.2% (Table 19) in the west bound direction; the average travel speed (ATS) will decrease by 0.1 mph. The PTSF in the eastbound direction will remain unchanged at 59.8% and the ATS will decrease by 0.1 mph. Under County Policy LU-4.16, relative to the State highway system, additional growth and development may be allowed within the County, notwithstanding the adverse impacts which may result in the short term by this growth and development.

Pavement

Millsite Road is currently unimproved. As part of the project, the E. Bennett Rd / Millsite Road intersection should be paved to accommodate the projected outbound truck traffic. The project should pay for this improvement.

XII.5. Cumulative (2035) Conditions No Project – Recommendations

Intersections

Two intersections, Sutton Way at Dorsey Drive and SR 174 at Brunswick Road, and shown in Table 20B, will operate below the acceptable the LOS D threshold, at LOS E or F. Both intersections will meet the peak hour signal warrant.

15) SR 174 at Brunswick Road was previously identified to be signalized in the NCTC Regional Transportation Program (RTMF); however, the most recent study, the NCTC 2016 Nexus Study, removed the project from the program as this study showed acceptable intersection levels of service. The Caltrans SR 174 TCR continues to identify this intersection as a planned, but unfunded improvement which could include either a traffic signal or roundabout. Under County Policy LU-4.16, relative to the State highway system, additional

growth and development may be allowed within the County, notwithstanding the adverse impacts which may result in the short term by this growth and development.

21) Sutton Way at Dorsey Drive - As part of the FEIR for the Dorsey Marketplace project, the Sutton Way / Dorsey Drive intersection will be realigned to create two three-legged intersections. Construction of this project is slated to begin in Spring 2021. The City has noted that signalization is not anticipated for this intersection and that stop controls are to be determined *(e-mail Dec 12, 2019)*.

Roadway Segments

One roadway segment, as shown in Table 22, will continue to operate below the acceptable LOS threshold, at LOS E. This is the segment of SR 174 between Brunswick Road and Empire Street which is within the rural region of the County. There are no funded projects identified in the NCTC RTMF or Caltrans SR 174 TCR to improve motor vehicle operations of this segment. Under County Policy LU-4.16, relative to the State highway system, additional growth and development may be allowed within the County, notwithstanding the adverse impacts which may result in the short term by this growth and development.

XII.6. Cumulative (2035) Plus Project Conditions (Scenario #1 – Centennial Site)

As identified in the project description the project intends to operate under the following work periods:

- 7:00 a.m. – mining shift change and inbound administrative personnel begin day
- 3:30 p.m. – administrative personnel day ends
- 7:00 p.m. – mining shift change

Under the proposed work periods there is negligible traffic to or from the site during the a.m. and p.m. peak hours. The majority of project traffic occurs in the periods surrounding mining shift changes and the end of the administrative personnel workday as identified above; the end of the day for administrative personnel does occur during some peak periods, and this was reflected in the level of service analyses during the 3:30-4:30 PM analysis period. Recommendations, therefore, are based on the project traffic hours.

Intersections

Two intersections shown in Table 23B, Sutton Way at Dorsey Drive and SR 174 at Brunswick Road, will operate below the acceptable LOS D threshold, at LOS E or F. Both intersections will meet the peak hour signal warrant.

15) SR 174 at Brunswick Road - Signalization or a roundabout would improve the intersection to acceptable LOS conditions. The project would add 10 additional trips to the intersection

during the 3:30 to 4:30 PM time period. NCTC removed this intersection from their CIP program in their 2016 Nexus Study while Caltrans has the intersection identified as a planned, but unfunded improvement in their SR 174 TCR. The fair share percentage and amount was previously identified. The fair share payment will be implemented through a mitigation measure that requires the applicant to enter into a traffic mitigation agreement with Nevada County.

21) Sutton Way at Dorsey Drive – As part of the FEIR for the Dorsey Marketplace project, the Sutton Way / Dorsey Drive intersection will be realigned to create two three-legged intersections. Construction of this project is slated to begin in Spring 2021. The City has noted that signalization is not anticipated for this intersection and that stop controls are to be determined *(e-mail Dec 12, 2019)*. Based on the Caltrans methodology to assess fair share, the fair share percentage for this intersection is 0.2%. While the intersection controls are still to be determined the fair share contribution from Rise would be negligible.

Queues

11) Brunswick Road at Sutton Way – Queues in the northbound left turn lanes will be greater than 25 feet beyond Cumulative No Project conditions in the 3:30 – 4:30 PM scenario. Re-timing of the intersection will maintain LOS C conditions (28.2 seconds per vehicle) with queues declining for this movement. The queues are shown to decrease to up to 386 feet, which is 49 feet less than Cumulative conditions. Based on the Caltrans methodology to assess fair share percentage, the fair share is 4.0%. Based on an estimated cost of $5,000 to retime the intersection, this would equal $200.

Roadway Segments

One roadway segment, as shown in Table 25, will continue to operate below the acceptable LOS threshold, at LOS E. This is the segment of SR 174 between Brunswick Road and Empire Street which is within the rural region of the County. There are no funded projects identified in the NCTC CIP or Caltrans SR 174 TCR to improve motor vehicle operations of this segment. This segment will continue to operate at LOS E during the peak hour. The project has minimal effect on projected conditions with an increase in the PTSF from 80.4% to 81.5% in the westbound direction; the average travel speed (ATS) will remain at 28.6 mph. In the eastbound direction the PTSF will increase from 60.2% to 60.8% while the ATS will decrease by 0.1 mph, from 29.8 mph to 29.7 mph. Under County Policy LU-4.16, relative to the State highway system, additional growth and development may be allowed within the County, notwithstanding the adverse impacts which may result in the short term by this growth and development.

XII.7. Cumulative (2035) Plus Project Conditions (Scenario #2 – To SR 49)

As identified in the project description the project intends to operate under the following work periods:

- 7:00 a.m. – mining shift change and inbound administrative personnel begin day
- 3:30 p.m. – administrative personnel day ends
- 7:00 p.m. – mining shift change

Under the proposed work periods there is negligible traffic to or from the site during the a.m. and p.m. peak hours. The majority of project traffic occurs in the periods surrounding mining shift changes and the end of the administrative personnel workday as identified above; the end of the day for administrative personnel does occur during some peak periods, and this was reflected in the level of service analyses during the 3:30-4:30 PM analysis period. Recommendations, therefore, are based on the project traffic hours.

Intersections

Two intersections, shown in Table 26B, Sutton Way at Dorsey Drive and SR 174 at Brunswick Road, will operate below the acceptable LOS D threshold, at LOS E or F. Both intersections will meet the peak hour signal warrant.

15) SR 174 at Brunswick Road - Signalization or a roundabout would improve the intersection to acceptable LOS conditions. The project would add 10 additional trips to the intersection during the 3:30 to 4:30 PM time period. NCTC removed this intersection from their CIP program in their 2016 Nexus Study while Caltrans has the intersection identified as a planned, but unfunded improvement in their SR 174 TCR. The fair share percentage and amount was previously identified. The fair share payment will be implemented through a mitigation measure that requires the applicant to enter into a traffic mitigation agreement with Nevada County.

21) Sutton Way at Dorsey Drive - As part of the FEIR for the Dorsey Marketplace project, the Sutton Way / Dorsey Drive intersection will be realigned to create two three-legged intersections. Construction of this project is slated to begin in Spring 2021. The City has noted that signalization is not anticipated for this intersection and that stop controls are to be determined *(e-mail Dec 12, 2019)*. Based on the Caltrans methodology to assess fair share, the fair share percentage for this intersection is 0.2%. While the intersection controls are still to be determined the fair share contribution from Rise would be negligible.

Queues

11) Brunswick Road at Sutton Way – Queues in the northbound left turn lanes will be greater than 25 feet beyond Cumulative No Project conditions in the 3:30 – 4:30 PM scenario. Re-timing of the intersection will maintain LOS C conditions (29.5 seconds per vehicle) with queues declining for this movement. The queues are shown to decrease to up to 434 feet, which is 1 foot less than Cumulative conditions. Based on the Caltrans methodology to assess fair share percentage, the fair share is 8.5%. Based on an estimated cost of $5,000 to retime the intersection, this would equal $425.

Roadway Segments

One roadway segment, as shown in Table 28, will continue to operate below the acceptable LOS threshold, at LOS E. This is the segment of SR 174 between Brunswick Road and Empire Street which is within the rural region of the County. There are no funded projects identified in the NCTC CIP or Caltrans SR 174 TCR to improve motor vehicle operations of this segment. This segment will continue to operate at LOS E during the peak hour. The project has minimal effect on projected conditions with an increase in the PTSF from 80.4% to 81.5% in the westbound direction; the average travel speed (ATS) will remain at 28.6 mph. In the eastbound direction the PTSF will increase from 60.2% to 60.8% while the ATS will decrease by 0.1 mph, from 29.8 mph to 29.7 mph. Under County Policy LU-4.16, relative to the State highway system, additional growth and development may be allowed within the County, notwithstanding the adverse impacts which may result in the short term by this growth and development.

XIII. SUMMARY OF TRAFFIC IMPROVEMENT RECOMMENDATIONS

Intersections

11) Brunswick Road at Sutton Way - Re-timing of the intersection will maintain LOS C conditions with queues declining for this movement. The queues are shown to decrease to less than Cumulative conditions. Considering this queueing is projected to occur in the future the project should pay their fair share to re-time the intersection. Including both scenarios the maximum fair share amount is $425.

12) Brunswick Road at Idaho Maryland Road - Signalization will improve the intersection to LOS D. This intersection is identified to be signalized in the City of Grass Valley GVTIF and is not identified in the Western Nevada County Regional Transportation Mitigation Fee program. Up to 47 additional vehicles are projected to pass through the intersection during the 3:30-4:30 PM period. Existing traffic through this intersection is estimated at ~1458 vehicles. As the signalization of this intersection is included in the GVTIF, payment of the GVTIF will mitigate project impacts to this intersection.

15) SR 174 at Brunswick Road - Signalization or a roundabout would improve the intersection to acceptable LOS conditions. The project would add 10 additional trips to the intersection during the 3:30 to 4:30 PM time period. Existing traffic through this intersection is estimated at ~1172 vehicles. NCTC removed this intersection from their RTMF program in their 2016 Nexus Study while Caltrans has the intersection identified as a planned, but unfunded improvement in their SR 174 TCR. The project should pay their fair share to install a traffic signal, which will be implemented through a mitigation measure that requires the applicant to enter into a traffic mitigation agreement with Nevada County. The fair share for either scenario is $67,050.

17) E. Bennett Road at Millsite Road - The Millsite Road approach is currently gravel. The roadway approach should be paved at E. Bennett Road. Rise should pay 100% for this improvement.

19) Idaho Maryland Road at Centennial Drive - Signalization will improve the intersection to LOS D. This intersection is identified to be signalized in the City of Grass Valley GVTIF and is not identified in the Western Nevada County Regional Transportation Mitigation Fee program. Up to 18 additional vehicles are projected to pass through the intersection during the PM peak hour. Existing traffic through this intersection is estimated at ~1015 vehicles. As the signalization of this intersection is included in the GVTIF, payment of the GVTIF will mitigate project impacts to this intersection.

21) Sutton Way at Dorsey Drive - As part of the FEIR for the Dorsey Marketplace project, the Sutton Way / Dorsey Drive intersection will be realigned to create two three-legged intersections. Construction of this project is slated to begin in Spring 2021. The City has noted that signalization is not anticipated for this intersection and that stop controls are to be determined. The project is expected to generate 2 additional vehicles in a total of 1936 vehicles

passing through the intersection during the 3:30 – 4:30 PM period. As the signalization of this intersection is included in the GVTIF, payment of the GVTIF will mitigate project impacts to this intersection

Roadway Segments

One roadway segment, SR 174 between Brunswick Road and Empire Street, will continue to operate below the acceptable LOS threshold, at LOS E. This segment is within the rural region of the County. Caltrans has not identified a widening project to improve roadway operational characteristics in this segment. This segment will continue to operate at LOS E during the peak hour. The project has minimal effect on projected conditions in regards to the percent time following (PTSF) and the average travel speed (ATS). Under County Policy LU-4.16, relative to the State highway system, additional growth and development may be allowed within the County, notwithstanding the adverse impacts which may result in the short term by this growth and development.

Sign Recommendations

A W51 "Slow Trucks" sign should be installed northbound along Brunswick Road about 500 feet north of the E. Bennett Road intersection. Currently, about 9% of the daily traffic is heavy trucks. The posted speed departing the intersection is 50 mph and a horizontal curve is present about 700 feet to the north. Installation of a "Slow Trucks" sign will provide notification to motorists that slower moving vehicles may be on the roadway prior to reaching the uphill grade approaching Loma Rica Drive.

Pavement Condition Recommendations

The pavement condition analysis presented in Section VII indicates that pavement in the northbound direction on Brunswick Road from Greenhorn Road to SR 49 and on E. Bennett Road eastbound from the project driveway to Brunswick Road may be impacted by truck traffic generated by the project.

Rise shall enter into a road maintenance agreement with Nevada County and Grass Valley to provide its fair share of funding for maintenance of roadways commensurate with the project's impact to pavement conditions.

Centennial Industrial Site Driveway

To provide access to the Centennial site, widening of the south side of Whispering Pines Lane is proposed. Figure 18 shows the proposed conceptual layout of the roadway improvements along the project frontage to allow haul trucks to enter and exit the site. Whispering Pines Lane would be widened to provide a 12' two-way-left-turn-lane (TWLTL), a 12' travel lane and a 6' bicycle lane. This layout will allow haul trucks to queue in the TWLTL while waiting to enter the site.

Rise should pay 100% of the cost for this improvement to Whispering Pines Lane.

Regional Transportation Mitigation Fee

Western Nevada County Regional Transportation Mitigation Fee (the "RTMF"). The Nevada County Transportation Commission (NCTC), in partnership with Nevada County, Nevada City, and the City of Grass Valley established the RTMF program in 2001. Under this program, development impact fees are collected to help fund construction of the regional system of roads, streets, and highways needed to accommodate growth in western Nevada County. Nevada City and the City of Grass Valley also have adopted their own transportation mitigation fees to fund transportation improvements in each city. All three fee programs were updated in 2008 and again in 2016 to reflect changes in demographic and economic assumptions and associated changes in transportation improvement needs and funding opportunities for these improvements (NCTC 2016).

The purpose of the RTMF is to establish a uniform, cooperative program to mitigate the cumulative indirect regional impacts of future developments on traffic conditions on regional roadways in Nevada County. The fees will help fund improvements needed to maintain the target level of service in the face of the higher traffic volumes brought on by new developments.

The RTMF is based on total thousand square feet of industrial buildings. The Project proposes 126,000 square feet of industrial buildings and should pay the required RTMF. The current fee would be calculated as 126 TSF x 5.33 x $76.91 = $51,651. The actual fee paid will depend on the mitigation fee in place at the time of construction.

Nevada County Local Traffic Mitigation Fee

Nevada County established their current Traffic Impact Mitigation Program in 1997 with the adoption of a Local Traffic Mitigation Fee (LTMF). Under the program development impact fees are collected to help fund construction for local improvements within unincorporated Nevada County. The current fee schedule is effective fiscal year 2020/2021. The LTMF is based on total thousand square feet of industrial buildings. The Project proposes 126,000 square feet of industrial buildings and should pay the required LTMF. The current fee would be calculated as 126 TSF x $428.73 = $54,020. The actual fee paid will depend on the mitigation fee in place at the time of construction.

Grass Valley Transportation Impact Fee (GVTIF) Program

The City of Grass Valley has an established Transportation Impact Fee Program (GVTIF) that collects fees to help fund construction for local improvements within the City of Grass Valley. Although the project is not located in the City of Grass Valley, the project should pay the GVTIF as mitigation for impacts to intersection included in the GVTIF. The GVTIF is based on total thousand square feet of industrial buildings. The Project proposes 126,000 square feet of industrial buildings and should pay the required GVTIF. The current fee would be calculated as 126 TSF x $666.66 = $83,999 and an administration fee of 1% = $839.99. The actual fee paid will depend on the mitigation fee in place at the time of construction.

XIV. REFERENCES

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XV. APPENDICES

LOS APPENDICES

FOR

IDAHO - MARYLAND MINE PROJECT
TRAFFIC IMPACT ANALYSIS

Nevada County, CA

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FOR

IDAHO-MARYLAND MINE PROJECT
TRAFFIC IMPACT ANALYSIS

Nevada County, CA

TURNING MOVEMENTS AND LANE COUNTS

Prepared For:

Rise Grass Valley Inc.

Prepared By:

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April 26, 2022

TURNING MOVEMENTS AND LANE COUNTS

TURNING MOVEMENTS

LANE COUNTS (at interchange locations)

Prepared by National Data & Surveying Services

Tinloy St & Neal St

Peak Hour Turning Movement Count

ID: 19-07290-001
City: Grass Valley

Day: Wednesday
Date: 08/28/2019

PEAK HOURS

AM: 08:00 AM - 09:00 AM
NOON: NONE
PM: 04:30 PM - 05:30 PM

COUNT PERIODS

AM: 06:30 AM - 09:00 AM
NOON: NONE
PM: 03:30 PM - 07:30 PM

Tinloy St — SOUTHBOUND

AM	60	166	66	0	0	AM
NOON	0	0	0	0	0	NOON
PM	124	221	33	0	0	PM

Neal St — EASTBOUND

AM	NOON	PM		
251	0	279	⇦	
0	0	0	↶	0
0	0	0	↱	0
228	0	235	→	0
10	0	1	↷	0
AM	NOON	PM		

Neal St — WESTBOUND

PM	NOON	AM		
0	0	0	↶	0
155	0	191	←	0
85	0	104	↰	0
0	0	0	↷	0
268	0	294	⇨	
PM	NOON	AM		

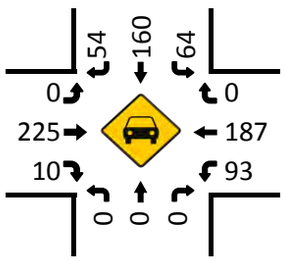
CONTROL: Signalized

TEV	825 AM	0 NOON	854 PM
PHF	0.89		0.96

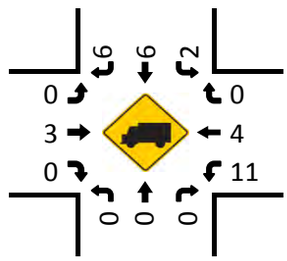
Tinloy St — NORTHBOUND

PM	307	0	0	0	0	PM
NOON	0	0	0	0	0	NOON
AM	280	0	0	0	0	AM

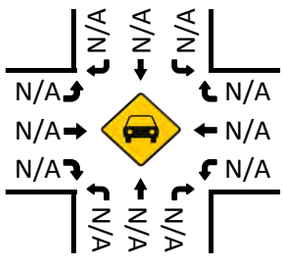
Cars (AM)



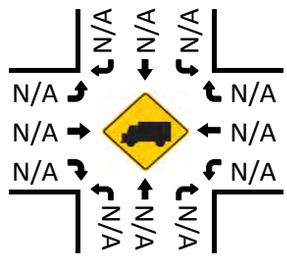
HT (AM)



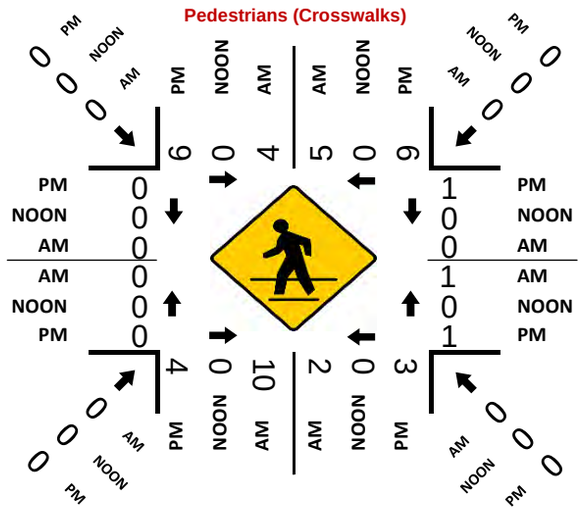
Cars (NOON)



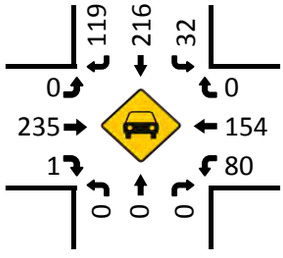
HT (NOON)



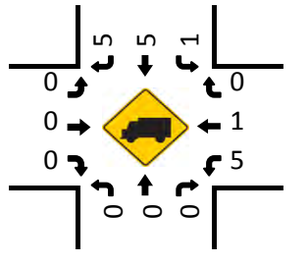
Pedestrians (Crosswalks)



Cars (PM)



HT (PM)



National Data & Surveying Services

Intersection Turning Movement Count

Location: Tinloy St & Neal St
City: Grass Valley
Control: Signalized

Project ID: 19-07290-001
Date: 8/28/2019

Total

NS/EW Streets:	Tinloy St				Tinloy St				Neal St				Neal St				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	2	17	5	0	0	17	0	0	12	9	0	0	62
6:45 AM	0	0	0	0	5	17	6	0	0	17	1	0	19	11	0	0	76
7:00 AM	0	0	0	0	7	15	5	0	0	24	0	0	22	26	0	0	99
7:15 AM	0	0	0	0	4	27	6	0	0	24	1	0	25	12	0	0	99
7:30 AM	0	0	0	0	3	18	11	0	0	41	2	0	27	24	0	0	126
7:45 AM	0	0	0	0	9	58	14	0	0	46	0	0	21	42	0	0	190
8:00 AM	0	0	0	0	19	34	10	0	0	50	6	0	28	35	0	0	182
8:15 AM	0	0	0	0	34	48	12	0	0	65	3	0	23	47	0	0	232
8:30 AM	0	0	0	0	8	35	14	0	0	53	1	0	25	78	0	0	214
8:45 AM	0	0	0	0	5	49	24	0	0	60	0	0	28	31	0	0	197
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	96	318	107	0	0	397	14	0	230	315	0	0	1477
APPROACH %'s :					18.43%	61.04%	20.54%	0.00%	0.00%	96.59%	3.41%	0.00%	42.20%	57.80%	0.00%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	0	0	0	0	66	166	60	0	0	228	10	0	104	191	0	0	825
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.485	0.847	0.625	0.000	0.000	0.877	0.417	0.000	0.929	0.612	0.000	0.000	0.889
						0.777				0.875				0.716			

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	0	0	0	13	46	13	0	0	57	0	0	30	38	0	0	197
3:45 PM	0	0	0	0	18	54	28	0	0	65	0	0	24	22	0	0	211
4:00 PM	0	0	0	0	15	35	36	0	0	56	0	0	24	34	0	0	200
4:15 PM	0	0	0	0	10	47	24	0	0	51	0	0	23	29	0	0	184
4:30 PM	0	0	0	0	5	61	30	0	0	58	0	0	28	26	0	0	208
4:45 PM	0	0	0	0	6	60	24	0	0	55	0	0	19	45	0	0	209
5:00 PM	0	0	0	0	14	57	35	0	0	60	0	0	21	36	0	0	223
5:15 PM	0	0	0	0	8	43	35	0	0	62	1	0	17	48	0	0	214
5:30 PM	0	0	0	0	4	41	32	0	0	49	0	0	17	31	0	0	174
5:45 PM	0	0	0	0	15	37	28	0	0	61	0	0	13	29	0	0	183
6:00 PM	0	0	0	0	7	24	24	0	0	51	0	0	17	31	0	0	154
6:15 PM	0	0	0	0	2	27	12	0	0	50	0	0	15	18	0	0	124
6:30 PM	0	0	0	0	4	33	20	0	0	55	1	0	11	16	0	0	140
6:45 PM	0	0	0	0	10	32	18	0	0	45	0	0	14	22	0	0	141
7:00 PM	0	0	0	0	9	29	27	0	0	57	0	0	7	24	0	0	153
7:15 PM	0	0	0	0	5	24	8	0	0	62	0	0	17	25	0	0	141
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	145	650	394	0	0	894	2	0	297	474	0	0	2856
APPROACH %'s :					12.20%	54.67%	33.14%	0.00%	0.00%	99.78%	0.22%	0.00%	38.52%	61.48%	0.00%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	0	0	0	0	33	221	124	0	0	235	1	0	85	155	0	0	854
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.589	0.906	0.886	0.000	0.000	0.948	0.250	0.000	0.759	0.807	0.000	0.000	0.957
						0.892				0.937				0.923			

National Data & Surveying Services

Intersection Turning Movement Count

Location: Tinloy St & Neal St
City: Grass Valley
Control: Signalized

Project ID: 19-07290-001
Date: 8/28/2019

Cars

NS/EW Streets:	Tinloy St				Tinloy St				Neal St				Neal St				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0 NL	0 NT	0 NR	0 NU	0 SL	0 ST	0 SR	0 SU	0 EL	0 ET	0 ER	0 EU	0 WL	0 WT	0 WR	0 WU	TOTAL
6:30 AM	0	0	0	0	2	16	4	0	0	15	0	0	11	9	0	0	57
6:45 AM	0	0	0	0	4	16	4	0	0	17	1	0	13	10	0	0	65
7:00 AM	0	0	0	0	7	11	3	0	0	23	0	0	14	26	0	0	84
7:15 AM	0	0	0	0	4	26	6	0	0	24	1	0	18	11	0	0	90
7:30 AM	0	0	0	0	3	17	9	0	0	39	2	0	22	24	0	0	116
7:45 AM	0	0	0	0	8	55	13	0	0	46	0	0	18	41	0	0	181
8:00 AM	0	0	0	0	18	33	6	0	0	49	6	0	24	35	0	0	171
8:15 AM	0	0	0	0	34	45	12	0	0	64	3	0	19	46	0	0	223
8:30 AM	0	0	0	0	8	35	13	0	0	53	1	0	22	77	0	0	209
8:45 AM	0	0	0	0	4	47	23	0	0	59	0	0	28	29	0	0	190
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	92	301	93	0	0	389	14	0	189	308	0	0	1386
APPROACH %'s :					18.93%	61.93%	19.14%	0.00%	0.00%	96.53%	3.47%	0.00%	38.03%	61.97%	0.00%	0.00%	
PEAK HR :	**08:00 AM - 09:00 AM**																TOTAL
PEAK HR VOL :	0	0	0	0	64	160	54	0	0	225	10	0	93	187	0	0	793
PEAK HR FACTOR :	0.00	0.000	0.000	0.000	0.471	0.851	0.587	0.000	0.000	0.879	0.417	0.000	0.830	0.607	0.000	0.000	0.889
						0.764				0.877				0.707			

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0 NL	0 NT	0 NR	0 NU	0 SL	0 ST	0 SR	0 SU	0 EL	0 ET	0 ER	0 EU	0 WL	0 WT	0 WR	0 WU	TOTAL
3:30 PM	0	0	0	0	11	45	12	0	0	57	0	0	27	37	0	0	189
3:45 PM	0	0	0	0	17	53	28	0	0	65	0	0	23	22	0	0	208
4:00 PM	0	0	0	0	15	34	33	0	0	56	0	0	23	34	0	0	195
4:15 PM	0	0	0	0	9	45	24	0	0	50	0	0	22	28	0	0	178
4:30 PM	0	0	0	0	4	61	28	0	0	58	0	0	27	26	0	0	204
4:45 PM	0	0	0	0	6	58	24	0	0	55	0	0	16	44	0	0	203
5:00 PM	0	0	0	0	14	55	33	0	0	60	0	0	20	36	0	0	218
5:15 PM	0	0	0	0	8	42	34	0	0	62	1	0	17	48	0	0	212
5:30 PM	0	0	0	0	4	41	30	0	0	48	0	0	17	31	0	0	171
5:45 PM	0	0	0	0	15	37	28	0	0	61	0	0	13	29	0	0	183
6:00 PM	0	0	0	0	7	24	21	0	0	51	0	0	17	31	0	0	151
6:15 PM	0	0	0	0	2	26	12	0	0	49	0	0	15	18	0	0	122
6:30 PM	0	0	0	0	4	32	18	0	0	55	1	0	11	16	0	0	137
6:45 PM	0	0	0	0	10	29	18	0	0	45	0	0	14	22	0	0	138
7:00 PM	0	0	0	0	9	28	24	0	0	57	0	0	7	24	0	0	149
7:15 PM	0	0	0	0	5	23	8	0	0	61	0	0	17	25	0	0	139
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	140	633	375	0	0	890	2	0	286	471	0	0	2797
APPROACH %'s :					12.20%	55.14%	32.67%	0.00%	0.00%	99.78%	0.22%	0.00%	37.78%	62.22%	0.00%	0.00%	
PEAK HR :	**04:30 PM - 05:30 PM**																TOTAL
PEAK HR VOL :	0	0	0	0	32	216	119	0	0	235	1	0	80	154	0	0	837
PEAK HR FACTOR :	0.00	0.000	0.000	0.000	0.571	0.885	0.875	0.000	0.000	0.948	0.250	0.000	0.741	0.802	0.000	0.000	0.960
						0.900				0.937				0.900			

National Data & Surveying Services

Intersection Turning Movement Count

Location: Tinloy St & Neal St
City: Grass Valley
Control: Signalized

Project ID: 19-07290-001
Date: 8/28/2019

HT

NS/EW Streets:	Tinloy St				Tinloy St				Neal St				Neal St				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	1	1	0	0	2	0	0	1	0	0	0	5
6:45 AM	0	0	0	0	1	1	2	0	0	0	0	0	6	1	0	0	11
7:00 AM	0	0	0	0	0	4	2	0	0	1	0	0	8	0	0	0	15
7:15 AM	0	0	0	0	0	1	0	0	0	0	0	0	7	1	0	0	9
7:30 AM	0	0	0	0	0	1	2	0	0	2	0	0	5	0	0	0	10
7:45 AM	0	0	0	0	1	3	1	0	0	0	0	0	3	1	0	0	9
8:00 AM	0	0	0	0	1	1	4	0	0	1	0	0	4	0	0	0	11
8:15 AM	0	0	0	0	0	3	0	0	0	1	0	0	4	1	0	0	9
8:30 AM	0	0	0	0	0	0	1	0	0	0	0	0	3	1	0	0	5
8:45 AM	0	0	0	0	1	2	1	0	0	1	0	0	0	2	0	0	7
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	4	17	14	0	0	8	0	0	41	7	0	0	91
APPROACH %'s :					11.43%	48.57%	40.00%	0.00%	0.00%	100.00%	0.00%	0.00%	85.42%	14.58%	0.00%	0.00%	
PEAK HR :	**08:00 AM - 09:00 AM**																TOTAL
PEAK HR VOL :	0	0	0	0	2	6	6	0	0	3	0	0	11	4	0	0	32
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.500	0.500	0.375	0.000	0.000	0.750	0.000	0.000	0.688	0.500	0.000	0.000	0.727
						0.583				0.750				0.750			

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	0	0	0	2	1	1	0	0	0	0	0	3	1	0	0	8
3:45 PM	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	3
4:00 PM	0	0	0	0	0	1	3	0	0	0	0	0	1	0	0	0	5
4:15 PM	0	0	0	0	1	2	0	0	0	1	0	0	1	1	0	0	6
4:30 PM	0	0	0	0	1	0	2	0	0	0	0	0	1	0	0	0	4
4:45 PM	0	0	0	0	0	2	0	0	0	0	0	0	3	1	0	0	6
5:00 PM	0	0	0	0	0	2	2	0	0	0	0	0	1	0	0	0	5
5:15 PM	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2
5:30 PM	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	3
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
6:15 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	2
6:30 PM	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	3
6:45 PM	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3
7:00 PM	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	4
7:15 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	2
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	5	17	19	0	0	4	0	0	11	3	0	0	59
APPROACH %'s :					12.20%	41.46%	46.34%	0.00%	0.00%	100.00%	0.00%	0.00%	78.57%	21.43%	0.00%	0.00%	
PEAK HR :	**04:30 PM - 05:30 PM**																TOTAL
PEAK HR VOL :	0	0	0	0	1	5	5	0	0	0	0	0	5	1	0	0	17
PEAK HR FACTOR :	0.00	0.000	0.000	0.000	0.250	0.625	0.625	0.000	0.000	0.000	0.000	0.000	0.417	0.250	0.000	0.000	0.708
						0.688								0.375			

National Data & Surveying Services

Intersection Turning Movement Count

Location: Tinloy St & Neal St
City: Grass Valley
Control: Signalized

Project ID: 19-07290-001
Date: 8/28/2019

Bikes

NS/EW Streets:	Tinloy St				Tinloy St				Neal St				Neal St				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
7:30 AM	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	3
7:45 AM	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	5
APPROACH %'s :									40.00%	60.00%	0.00%	0.00%					
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	2
4:00 PM	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
4:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4:30 PM	0	1	0	0	0	0	1	0	0	2	0	0	0	0	0	0	4
4:45 PM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
5:00 PM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
5:15 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	2	0	0	3	1	1	0	1	2	0	0	0	2	0	0	12
APPROACH %'s :	0.00%	100.00%	0.00%	0.00%	60.00%	20.00%	20.00%	0.00%	33.33%	66.67%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	0	1	0	0	2	1	1	0	0	2	0	0	0	0	0	0	7
PEAK HR FACTOR :	0.00	0.250	0.000	0.000	0.500	0.250	0.250	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.438
		0.250				1.000				0.250							

National Data & Surveying Services

Intersection Turning Movement Count

Location: Tinloy St & Neal St
City: Grass Valley
Project ID: 19-07290-001
Date: 8/28/2019

Pedestrians (Crosswalks)

NS/EW Streets:	Tinloy St		Tinloy St		Neal St		Neal St		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
6:30 AM	0	2	1	1	0	0	0	0	4
6:45 AM	0	1	0	3	0	0	0	0	4
7:00 AM	1	1	1	0	0	0	0	0	3
7:15 AM	0	1	1	0	0	0	0	0	2
7:30 AM	1	0	0	0	0	0	2	0	3
7:45 AM	0	1	1	1	0	1	0	0	4
8:00 AM	2	1	2	0	0	0	0	0	5
8:15 AM	0	1	2	1	0	0	0	0	4
8:30 AM	2	2	3	1	0	0	0	0	8
8:45 AM	0	1	3	0	1	0	0	0	5
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	6	11	14	7	1	1	2	0	42
APPROACH %'s :	35.29%	64.71%	66.67%	33.33%	50.00%	50.00%	100.00%	0.00%	
PEAK HR :	**08:00 AM - 09:00 AM**								TOTAL
PEAK HR VOL :	4	5	10	2	1	0	0	0	22
PEAK HR FACTOR :	0.500	0.625	0.833	0.500	0.250				0.688
	0.563		0.750		0.250				

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
3:30 PM	3	1	2	1	0	0	0	0	7
3:45 PM	1	1	2	9	0	0	0	0	13
4:00 PM	3	0	5	0	0	0	0	0	8
4:15 PM	1	0	1	0	0	0	0	0	2
4:30 PM	1	1	0	0	0	1	0	0	3
4:45 PM	1	3	0	3	0	0	0	0	7
5:00 PM	3	4	1	0	1	0	0	0	9
5:15 PM	1	1	3	0	0	0	0	0	5
5:30 PM	0	0	0	1	0	0	0	0	1
5:45 PM	0	1	3	0	0	0	0	0	4
6:00 PM	0	1	0	0	0	0	0	0	1
6:15 PM	0	1	0	2	0	0	0	0	3
6:30 PM	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0
7:00 PM	0	1	0	5	0	0	0	0	6
7:15 PM	1	0	0	1	0	0	0	0	2
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	15	15	17	22	1	1	0	0	71
APPROACH %'s :	50.00%	50.00%	43.59%	56.41%	50.00%	50.00%			
PEAK HR :	**04:30 PM - 05:30 PM**								TOTAL
PEAK HR VOL :	6	9	4	3	1	1	0	0	24
PEAK HR FACTOR :	0.500	0.563	0.333	0.250	0.250	0.250			0.667
	0.536		0.583		0.500				

Prepared by National Data & Surveying Services

Auburn St & Tinloy St/SR 49 On-Ramps

Peak Hour Turning Movement Count

ID: 19-07290-002
City: Grass Valley

Day: Wednesday
Date: 08/28/2019

PEAK HOURS

AM	08:00 AM - 09:00 AM
NOON	NONE
PM	04:30 PM - 05:30 PM

COUNT PERIODS

AM	06:30 AM - 09:00 AM
NOON	NONE
PM	03:30 PM - 07:30 PM

CONTROL: Signalized

	AM	NOON	PM
TEV	952	0	1084
PHF	0.89		0.99

Auburn St — SOUTHBOUND

	Left	Thru	Right	Peds	Total	
AM	135	118	0	0	368	AM
NOON	0	0	0	0	0	NOON
PM	237	152	0	0	356	PM

Tinloy St/SR 49 On-Ramps — EASTBOUND

	Left	Thru	Right	Peds	Total	
AM	340	0	467	0		AM
NOON	0	0	0	0		NOON
PM	0	0	0	0		PM
	0	0	0	0		
	0	0	0	0		

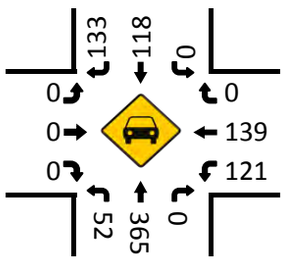
Tinloy St/SR 49 On-Ramps — WESTBOUND

	Left	Thru	Right	Peds	Total	
PM	0	0	0	0		PM
NOON	197	0	151	0		NOON
AM	109	0	126	0		AM
	0	0	0	0		
	0	0	0	0		

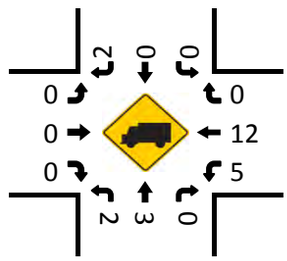
Auburn St — NORTHBOUND

	Left	Thru	Right	Peds	Total	
PM	261	0	33	356	0	PM
NOON	0	0	0	0	0	NOON
AM	244	0	54	368	0	AM

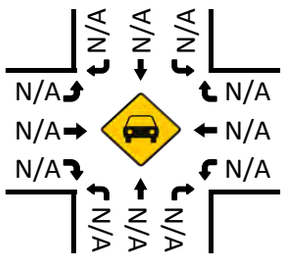
Cars (AM)



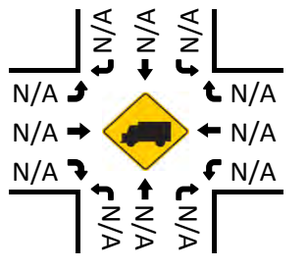
HT (AM)



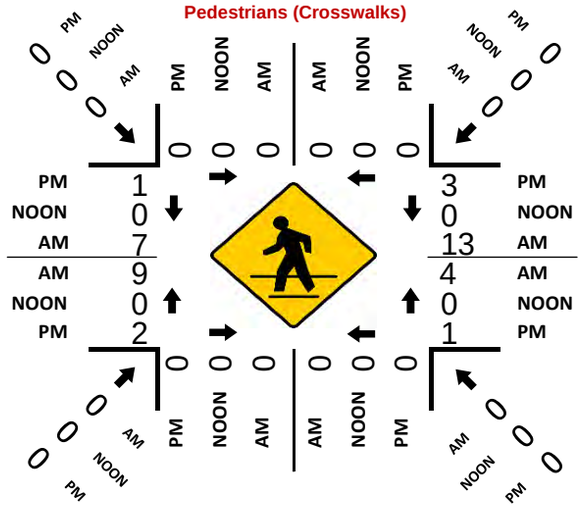
Cars (NOON)



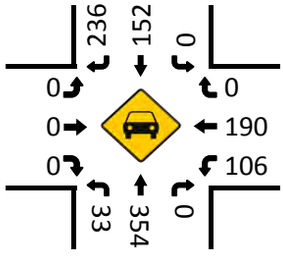
HT (NOON)



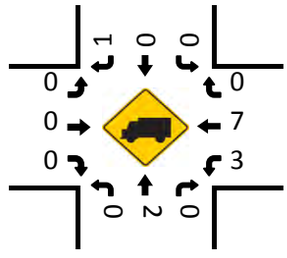
Pedestrians (Crosswalks)



Cars (PM)



HT (PM)



National Data & Surveying Services

Intersection Turning Movement Count

Location: Auburn St & Tinloy St/SR 49 On-Ramps
City: Grass Valley
Control: Signalized

Project ID: 19-07290-002
Date: 8/28/2019

Total

NS/EW Streets:	Auburn St				Auburn St				Tinloy St/SR 49 On-Ramps				Tinloy St/SR 49 On-Ramps				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	3	25	0	0	0	10	22	0	0	0	0	0	7	24	0	0	91
6:45 AM	6	49	0	0	0	13	32	0	0	0	0	0	8	28	0	0	136
7:00 AM	3	41	0	0	0	14	29	0	0	0	0	0	10	29	0	0	126
7:15 AM	8	42	0	0	0	13	32	0	0	0	0	0	9	42	0	0	146
7:30 AM	1	54	0	0	0	19	27	0	0	0	0	0	17	33	0	0	151
7:45 AM	6	73	0	0	0	36	37	0	0	0	0	0	43	32	0	0	227
8:00 AM	10	88	0	0	0	21	31	0	0	0	0	0	33	37	0	0	220
8:15 AM	30	100	0	0	0	28	43	0	0	0	0	0	30	35	0	0	266
8:30 AM	7	87	0	0	0	32	28	0	0	0	0	0	28	46	0	0	228
8:45 AM	7	93	0	0	0	37	33	0	0	0	0	0	35	33	0	0	238
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	81	652	0	0	0	223	314	0	0	0	0	0	220	339	0	0	1829
APPROACH %'s :	11.05%	88.95%	0.00%	0.00%	0.00%	41.53%	58.47%	0.00%					39.36%	60.64%	0.00%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	54	368	0	0	0	118	135	0	0	0	0	0	126	151	0	0	952
PEAK HR FACTOR :	0.450	0.920	0.000	0.000	0.000	0.797	0.785	0.000	0.000	0.000	0.000	0.000	0.900	0.821	0.000	0.000	0.895
	0.812				0.891								0.936				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	6	76	0	0	0	42	54	0	0	0	0	0	19	55	0	0	252
3:45 PM	5	80	0	0	0	27	37	0	0	0	0	0	28	52	0	0	229
4:00 PM	7	72	0	0	0	27	51	0	0	0	0	0	16	47	0	0	220
4:15 PM	5	84	0	0	0	25	46	0	0	0	0	0	18	50	0	0	228
4:30 PM	12	81	0	0	0	33	58	0	0	0	0	0	24	58	0	0	266
4:45 PM	4	93	0	0	0	38	54	0	0	0	0	0	25	57	0	0	271
5:00 PM	10	86	0	0	0	39	63	0	0	0	0	0	32	42	0	0	272
5:15 PM	7	96	0	0	0	42	62	0	0	0	0	0	28	40	0	0	275
5:30 PM	5	80	0	0	0	23	46	0	0	0	0	0	23	38	0	0	215
5:45 PM	6	67	0	0	0	20	40	0	0	0	0	0	17	29	0	0	179
6:00 PM	5	56	0	0	0	34	39	0	0	0	0	0	9	32	0	0	175
6:15 PM	0	67	0	0	0	18	38	0	0	0	0	0	11	33	0	0	167
6:30 PM	2	51	0	0	0	30	47	0	0	0	0	0	13	30	0	0	173
6:45 PM	2	53	0	0	0	32	43	0	0	0	0	0	19	24	0	0	173
7:00 PM	4	42	0	0	0	21	26	0	0	0	0	0	7	31	0	0	131
7:15 PM	4	41	0	0	0	36	36	0	0	0	0	0	11	31	0	0	159
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	84	1125	0	0	0	487	740	0	0	0	0	0	300	649	0	0	3385
APPROACH %'s :	6.95%	93.05%	0.00%	0.00%	0.00%	39.69%	60.31%	0.00%					31.61%	68.39%	0.00%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	33	356	0	0	0	152	237	0	0	0	0	0	109	197	0	0	1084
PEAK HR FACTOR :	0.688	0.927	0.000	0.000	0.000	0.905	0.940	0.000	0.000	0.000	0.000	0.000	0.852	0.849	0.000	0.000	0.985
	0.944				0.935								0.933				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Auburn St & Tinloy St/SR 49 On-Ramps
City: Grass Valley
Control: Signalized

Project ID: 19-07290-002
Date: 8/28/2019

Cars

NS/EW Streets:	Auburn St				Auburn St				Tinloy St/SR 49 On-Ramps				Tinloy St/SR 49 On-Ramps				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	3	23	0	0	0	9	22	0	0	0	0	0	7	22	0	0	86
6:45 AM	6	46	0	0	0	13	29	0	0	0	0	0	6	23	0	0	123
7:00 AM	3	38	0	0	0	12	29	0	0	0	0	0	7	20	0	0	109
7:15 AM	7	40	0	0	0	13	32	0	0	0	0	0	9	34	0	0	135
7:30 AM	1	54	0	0	0	19	25	0	0	0	0	0	15	29	0	0	143
7:45 AM	6	70	0	0	0	35	37	0	0	0	0	0	41	28	0	0	217
8:00 AM	9	88	0	0	0	21	31	0	0	0	0	0	32	33	0	0	214
8:15 AM	29	99	0	0	0	28	42	0	0	0	0	0	28	30	0	0	256
8:30 AM	7	86	0	0	0	32	27	0	0	0	0	0	28	43	0	0	223
8:45 AM	7	92	0	0	0	37	33	0	0	0	0	0	33	33	0	0	235
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	78	636	0	0	0	219	307	0	0	0	0	0	206	295	0	0	1741
APPROACH %'s :	10.92%	89.08%	0.00%	0.00%	0.00%	41.63%	58.37%	0.00%					41.12%	58.88%	0.00%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	52	365	0	0	0	118	133	0	0	0	0	0	121	139	0	0	928
PEAK HR FACTOR :	0.45	0.922	0.000	0.000	0.000	0.797	0.792	0.000	0.000	0.000	0.000	0.000	0.917	0.808	0.000	0.000	0.906
	0.814				0.896								0.915				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	5	76	0	0	0	42	54	0	0	0	0	0	19	51	0	0	247
3:45 PM	5	79	0	0	0	27	36	0	0	0	0	0	27	51	0	0	225
4:00 PM	7	71	0	0	0	27	51	0	0	0	0	0	16	45	0	0	217
4:15 PM	5	82	0	0	0	24	46	0	0	0	0	0	18	47	0	0	222
4:30 PM	12	79	0	0	0	33	58	0	0	0	0	0	23	58	0	0	263
4:45 PM	4	93	0	0	0	38	53	0	0	0	0	0	25	53	0	0	266
5:00 PM	10	86	0	0	0	39	63	0	0	0	0	0	31	40	0	0	269
5:15 PM	7	96	0	0	0	42	62	0	0	0	0	0	27	39	0	0	273
5:30 PM	5	80	0	0	0	23	44	0	0	0	0	0	23	38	0	0	213
5:45 PM	6	67	0	0	0	20	40	0	0	0	0	0	17	29	0	0	179
6:00 PM	5	55	0	0	0	34	39	0	0	0	0	0	9	32	0	0	174
6:15 PM	0	67	0	0	0	18	38	0	0	0	0	0	10	33	0	0	166
6:30 PM	2	51	0	0	0	30	47	0	0	0	0	0	12	30	0	0	172
6:45 PM	2	52	0	0	0	32	42	0	0	0	0	0	17	23	0	0	168
7:00 PM	4	42	0	0	0	21	26	0	0	0	0	0	7	30	0	0	130
7:15 PM	4	41	0	0	0	35	36	0	0	0	0	0	10	31	0	0	157
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	83	1117	0	0	0	485	735	0	0	0	0	0	291	630	0	0	3341
APPROACH %'s :	6.92%	93.08%	0.00%	0.00%	0.00%	39.75%	60.25%	0.00%					31.60%	68.40%	0.00%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	33	354	0	0	0	152	236	0	0	0	0	0	106	190	0	0	1071
PEAK HR FACTOR :	0.69	0.922	0.000	0.000	0.000	0.905	0.937	0.000	0.000	0.000	0.000	0.000	0.855	0.819	0.000	0.000	0.981
	0.939				0.933								0.914				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Auburn St & Tinloy St/SR 49 On-Ramps
City: Grass Valley
Control: Signalized

Project ID: 19-07290-002
Date: 8/28/2019

HT

NS/EW Streets:	Auburn St				Auburn St				Tinloy St/SR 49 On-Ramps				Tinloy St/SR 49 On-Ramps				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0 NL	0 NT	0 NR	0 NU	0 SL	0 ST	0 SR	0 SU	0 EL	0 ET	0 ER	0 EU	0 WL	0 WT	0 WR	0 WU	TOTAL
6:30 AM	0	2	0	0	0	1	0	0	0	0	0	0	0	2	0	0	5
6:45 AM	0	3	0	0	0	0	3	0	0	0	0	0	2	5	0	0	13
7:00 AM	0	3	0	0	0	2	0	0	0	0	0	0	3	9	0	0	17
7:15 AM	1	2	0	0	0	0	0	0	0	0	0	0	0	8	0	0	11
7:30 AM	0	0	0	0	0	0	2	0	0	0	0	0	2	4	0	0	8
7:45 AM	0	3	0	0	0	1	0	0	0	0	0	0	2	4	0	0	10
8:00 AM	1	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	6
8:15 AM	1	1	0	0	0	0	1	0	0	0	0	0	2	5	0	0	10
8:30 AM	0	1	0	0	0	0	1	0	0	0	0	0	0	3	0	0	5
8:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	3
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	3	16	0	0	0	4	7	0	0	0	0	0	14	44	0	0	88
APPROACH %'s :	15.79%	84.21%	0.00%	0.00%	0.00%	36.36%	63.64%	0.00%					24.14%	75.86%	0.00%	0.00%	
PEAK HR :	**08:00 AM - 09:00 AM**																TOTAL
PEAK HR VOL :	2	3	0	0	0	0	2	0	0	0	0	0	5	12	0	0	24
PEAK HR FACTOR :	0.500	0.750	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.625	0.600	0.000	0.000	0.600
		0.625				0.500								0.607			

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0 NL	0 NT	0 NR	0 NU	0 SL	0 ST	0 SR	0 SU	0 EL	0 ET	0 ER	0 EU	0 WL	0 WT	0 WR	0 WU	TOTAL
3:30 PM	1	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	5
3:45 PM	0	1	0	0	0	0	1	0	0	0	0	0	1	1	0	0	4
4:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	3
4:15 PM	0	2	0	0	0	1	0	0	0	0	0	0	0	3	0	0	6
4:30 PM	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3
4:45 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	4	0	0	5
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	3
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
5:30 PM	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
6:45 PM	0	1	0	0	0	0	1	0	0	0	0	0	2	1	0	0	5
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
7:15 PM	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	2
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	1	8	0	0	0	2	5	0	0	0	0	0	9	19	0	0	44
APPROACH %'s :	11.11%	88.89%	0.00%	0.00%	0.00%	28.57%	71.43%	0.00%					32.14%	67.86%	0.00%	0.00%	
PEAK HR :	**04:30 PM - 05:30 PM**																TOTAL
PEAK HR VOL :	0	2	0	0	0	0	1	0	0	0	0	0	3	7	0	0	13
PEAK HR FACTOR :	0.00	0.250	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.750	0.438	0.000	0.000	0.650
		0.250				0.250								0.625			

National Data & Surveying Services

Intersection Turning Movement Count

Location: Auburn St & Tinloy St/SR 49 On-Ramps
City: Grass Valley
Control: Signalized

Project ID: 19-07290-002
Date: 8/28/2019

Bikes

NS/EW Streets:	Auburn St				Auburn St				Tinloy St/SR 49 On-Ramps				Tinloy St/SR 49 On-Ramps				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3
APPROACH %'s :	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%									
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250
						0.250											

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
4:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5:00 PM	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
5:15 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	2
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	4	0	0	0	3	0	0	0	1	0	0	0	1	0	0	9
APPROACH %'s :	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	0	2	0	0	0	2	0	0	0	1	0	0	0	1	0	0	6
PEAK HR FACTOR :	0.00	0.500	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.250	0.000	0.000	0.750
		0.500				0.500				0.250				0.250			

National Data & Surveying Services

Intersection Turning Movement Count

Location: Auburn St & Tinloy St/SR 49 On-Ramps
City: Grass Valley

Project ID: 19-07290-002
Date: 8/28/2019

Pedestrians (Crosswalks)

NS/EW Streets:	Auburn St		Auburn St		Tinloy St/SR 49 On-Ramps		Tinloy St/SR 49 On-Ramps		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	1	0	0	1	2
7:00 AM	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	1	0	3	0	4
7:30 AM	0	0	1	0	1	1	5	2	10
7:45 AM	0	0	0	0	1	0	1	3	5
8:00 AM	0	0	0	0	0	0	3	3	6
8:15 AM	0	0	0	0	2	11	3	0	16
8:30 AM	0	0	0	0	1	2	0	1	4
8:45 AM	0	0	0	0	1	0	3	3	7
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	1	0	8	14	18	13	54
APPROACH %'s :			100.00%	0.00%	36.36%	63.64%	58.06%	41.94%	
PEAK HR :	**08:00 AM - 09:00 AM**								TOTAL
PEAK HR VOL :	0	0	0	0	4	13	9	7	33
PEAK HR FACTOR :					0.500	0.295	0.750	0.583	0.516
					0.327		0.667		

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
3:30 PM	0	0	0	0	0	0	2	1	3
3:45 PM	0	0	0	0	0	0	2	0	2
4:00 PM	0	0	0	0	1	0	0	1	2
4:15 PM	0	0	0	0	0	1	1	0	2
4:30 PM	0	0	0	0	0	2	0	0	2
4:45 PM	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	1	1	2	0	4
5:15 PM	0	0	0	0	0	0	0	1	1
5:30 PM	0	0	0	0	0	0	0	1	1
5:45 PM	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	1	0	3	4
6:15 PM	0	0	0	0	2	0	0	0	2
6:30 PM	0	0	0	0	0	0	0	1	1
6:45 PM	0	0	0	0	0	1	0	1	2
7:00 PM	0	0	0	0	0	0	0	1	1
7:15 PM	0	0	0	0	1	0	0	0	1
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	0	0	5	6	7	10	28
APPROACH %'s :					45.45%	54.55%	41.18%	58.82%	
PEAK HR :	**04:30 PM - 05:30 PM**								TOTAL
PEAK HR VOL :	0	0	0	0	1	3	2	1	7
PEAK HR FACTOR :					0.250	0.375	0.250	0.250	0.438
					0.500		0.375		

Prepared by National Data & Surveying Services

Bennett St & SR 49 WB Off Ramps/Tinloy St

Peak Hour Turning Movement Count

ID: 19-07290-003
City: Grass Valley

Day: Wednesday
Date: 08/28/2019

PEAK HOURS

AM: 08:00 AM - 09:00 AM
NOON: NONE
PM: 04:30 PM - 05:30 PM

COUNT PERIODS

AM: 06:30 AM - 09:00 AM
NOON: NONE
PM: 03:30 PM - 07:30 PM

Bennett St — SOUTHBOUND

AM	108	242	0	0	358	AM
NOON	0	0	0	0	0	NOON
PM	195	322	0	0	321	PM

SR 49 WB Off Ramps/Tinloy St — EASTBOUND

AM	NOON	PM	
324	0	431	⇦
0	0	0	↶ 0
0	0	0	↱ 0
0	0	0	→ 0
0	0	0	↴ 0
AM	NOON	PM	

SR 49 WB Off Ramps/Tinloy St — WESTBOUND

PM	NOON	AM	
160	0	141	0 ↰
217	0	205	0 ←
174	0	136	0 ↰
0	0	0	0 ↴
0	0	0	⇨
PM	NOON	AM	

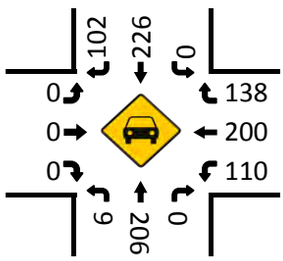
Bennett St — NORTHBOUND

PM	496	0	19	161	0	PM
NOON	0	0	0	0	0	NOON
AM	378	0	11	217	0	AM

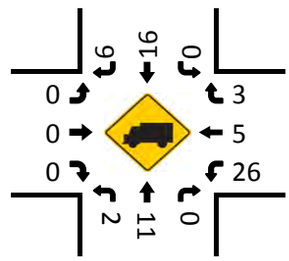
CONTROL: 1 Stop Sign (WB)

TEV	1060	0	1248
	AM	NOON	PM
PHF	0.99		0.95

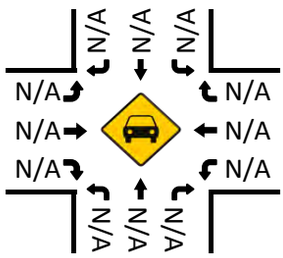
Cars (AM)



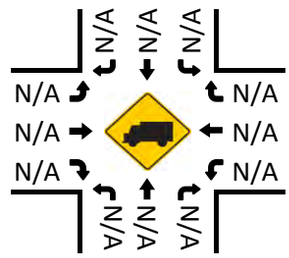
HT (AM)



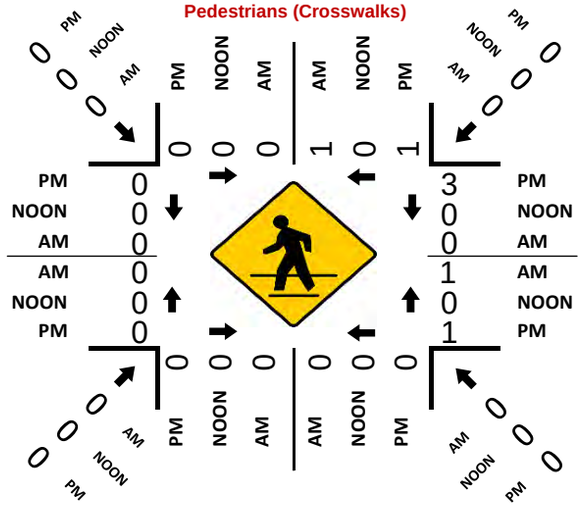
Cars (NOON)



HT (NOON)



Pedestrians (Crosswalks)


PM
NOON
AM
0
0
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0

National Data & Surveying Services

Intersection Turning Movement Count

Location: Bennett St & SR 49 WB Off Ramps/Tinloy St
City: Grass Valley
Control: 1 Stop Sign (WB)

Project ID: 19-07290-003
Date: 8/28/2019

Total

NS/EW Streets:	Bennett St				Bennett St				SR 49 WB Off Ramps/Tinloy St				SR 49 WB Off Ramps/Tinloy St				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	1	26	0	0	0	23	17	0	0	0	0	0	10	13	7	0	97
6:45 AM	2	17	0	0	0	36	9	0	0	0	0	0	7	18	10	0	99
7:00 AM	2	30	0	0	0	38	9	0	0	0	0	0	17	17	6	0	119
7:15 AM	2	18	0	0	0	37	16	0	0	0	0	0	16	19	10	0	118
7:30 AM	2	35	0	0	0	45	12	0	0	0	0	0	24	24	23	0	165
7:45 AM	2	40	0	0	0	66	25	0	0	0	0	0	26	64	33	0	256
8:00 AM	2	60	0	0	0	55	16	0	0	0	0	0	37	51	42	0	263
8:15 AM	4	45	0	0	0	56	20	0	0	0	0	0	39	64	39	0	267
8:30 AM	2	63	0	0	0	63	33	0	0	0	0	0	35	42	30	0	268
8:45 AM	3	49	0	0	0	68	39	0	0	0	0	0	25	48	30	0	262
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	22	383	0	0	0	487	196	0	0	0	0	0	236	360	230	0	1914
APPROACH %'s :	5.43%	94.57%	0.00%	0.00%	0.00%	71.30%	28.70%	0.00%					28.57%	43.58%	27.85%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	11	217	0	0	0	242	108	0	0	0	0	0	136	205	141	0	1060
PEAK HR FACTOR :	0.688	0.861	0.000	0.000	0.000	0.890	0.692	0.000	0.000	0.000	0.000	0.000	0.872	0.801	0.839	0.000	0.989
	0.877				0.818								0.849				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	5	28	0	0	0	83	42	0	0	0	0	0	44	45	24	0	271
3:45 PM	8	32	0	0	0	71	46	0	0	0	0	0	40	60	32	0	289
4:00 PM	4	40	0	0	0	62	34	0	0	0	0	0	50	54	38	0	282
4:15 PM	2	21	0	0	0	71	48	0	0	0	0	0	38	49	31	0	260
4:30 PM	8	35	0	0	0	85	56	0	0	0	0	0	30	57	25	0	296
4:45 PM	5	35	0	0	0	80	44	0	0	0	0	0	34	57	41	0	296
5:00 PM	3	42	0	0	0	86	46	0	0	0	0	0	54	61	35	0	327
5:15 PM	3	49	0	0	0	71	49	0	0	0	0	0	56	42	59	0	329
5:30 PM	5	28	0	0	0	50	36	0	0	0	0	0	41	41	40	0	241
5:45 PM	2	35	0	0	0	54	20	0	0	0	0	0	28	61	27	0	227
6:00 PM	3	22	0	0	0	59	31	0	0	0	0	0	23	35	38	0	211
6:15 PM	2	31	0	0	0	51	33	0	0	0	0	0	36	21	26	0	200
6:30 PM	1	16	0	0	0	45	27	0	0	0	0	0	22	33	19	0	163
6:45 PM	4	19	0	0	0	51	26	0	0	0	0	0	34	30	17	0	181
7:00 PM	5	24	0	0	0	44	30	0	0	0	0	0	17	25	17	0	162
7:15 PM	1	18	0	0	0	60	17	0	0	0	0	0	29	17	20	0	162
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	61	475	0	0	0	1023	585	0	0	0	0	0	576	688	489	0	3897
APPROACH %'s :	11.38%	88.62%	0.00%	0.00%	0.00%	63.62%	36.38%	0.00%					32.86%	39.25%	27.90%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	19	161	0	0	0	322	195	0	0	0	0	0	174	217	160	0	1248
PEAK HR FACTOR :	0.594	0.821	0.000	0.000	0.000	0.936	0.871	0.000	0.000	0.000	0.000	0.000	0.777	0.889	0.678	0.000	0.948
	0.865				0.917								0.877				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Bennett St & SR 49 WB Off Ramps/Tinloy St
City: Grass Valley
Control: 1 Stop Sign (WB)

Project ID: 19-07290-003
Date: 8/28/2019

Cars

NS/EW Streets:	Bennett St				Bennett St				SR 49 WB Off Ramps/Tinloy St				SR 49 WB Off Ramps/Tinloy St				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	1	23	0	0	0	23	14	0	0	0	0	0	10	12	7	0	90
6:45 AM	1	17	0	0	0	35	7	0	0	0	0	0	7	16	10	0	93
7:00 AM	2	29	0	0	0	38	8	0	0	0	0	0	17	15	6	0	115
7:15 AM	1	17	0	0	0	37	14	0	0	0	0	0	15	19	10	0	113
7:30 AM	2	34	0	0	0	45	12	0	0	0	0	0	24	24	23	0	164
7:45 AM	1	38	0	0	0	64	22	0	0	0	0	0	25	59	33	0	242
8:00 AM	2	57	0	0	0	54	16	0	0	0	0	0	34	49	42	0	254
8:15 AM	2	43	0	0	0	53	19	0	0	0	0	0	29	62	39	0	247
8:30 AM	2	61	0	0	0	59	32	0	0	0	0	0	26	42	28	0	250
8:45 AM	3	45	0	0	0	60	35	0	0	0	0	0	21	47	29	0	240
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	17	364	0	0	0	468	179	0	0	0	0	0	208	345	227	0	1808
APPROACH %'s :	4.46%	95.54%	0.00%	0.00%	0.00%	72.33%	27.67%	0.00%					26.67%	44.23%	29.10%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	9	206	0	0	0	226	102	0	0	0	0	0	110	200	138	0	991
PEAK HR FACTOR :	0.75	0.844	0.000	0.000	0.000	0.942	0.729	0.000	0.000	0.000	0.000	0.000	0.809	0.806	0.821	0.000	0.975
		0.853				0.863								0.862			

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	4	28	0	0	0	80	39	0	0	0	0	0	44	41	24	0	260
3:45 PM	7	32	0	0	0	70	44	0	0	0	0	0	39	59	32	0	283
4:00 PM	4	39	0	0	0	62	34	0	0	0	0	0	49	54	38	0	280
4:15 PM	1	19	0	0	0	70	48	0	0	0	0	0	36	49	31	0	254
4:30 PM	8	33	0	0	0	84	56	0	0	0	0	0	29	55	25	0	290
4:45 PM	3	35	0	0	0	80	44	0	0	0	0	0	33	57	41	0	293
5:00 PM	3	42	0	0	0	86	46	0	0	0	0	0	54	61	35	0	327
5:15 PM	3	49	0	0	0	71	47	0	0	0	0	0	52	41	59	0	322
5:30 PM	4	28	0	0	0	50	36	0	0	0	0	0	40	39	40	0	237
5:45 PM	2	34	0	0	0	54	18	0	0	0	0	0	27	60	27	0	222
6:00 PM	3	22	0	0	0	59	31	0	0	0	0	0	23	35	38	0	211
6:15 PM	1	31	0	0	0	51	29	0	0	0	0	0	36	21	26	0	195
6:30 PM	1	16	0	0	0	45	26	0	0	0	0	0	22	33	19	0	162
6:45 PM	3	18	0	0	0	51	23	0	0	0	0	0	34	29	17	0	175
7:00 PM	4	24	0	0	0	44	29	0	0	0	0	0	17	25	17	0	160
7:15 PM	0	18	0	0	0	60	16	0	0	0	0	0	29	17	20	0	160
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	51	468	0	0	0	1017	566	0	0	0	0	0	564	676	489	0	3831
APPROACH %'s :	9.83%	90.17%	0.00%	0.00%	0.00%	64.25%	35.75%	0.00%					32.62%	39.10%	28.28%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	17	159	0	0	0	321	193	0	0	0	0	0	168	214	160	0	1232
PEAK HR FACTOR :	0.53	0.811	0.000	0.000	0.000	0.933	0.862	0.000	0.000	0.000	0.000	0.000	0.778	0.877	0.678	0.000	0.942
		0.846				0.918								0.891			

National Data & Surveying Services

Intersection Turning Movement Count

Location: Bennett St & SR 49 WB Off Ramps/Tinloy St
City: Grass Valley
Control: 1 Stop Sign (WB)

Project ID: 19-07290-003
Date: 8/28/2019

HT

NS/EW Streets:	Bennett St				Bennett St				SR 49 WB Off Ramps/Tinloy St				SR 49 WB Off Ramps/Tinloy St				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	3	0	0	0	0	3	0	0	0	0	0	0	1	0	0	7
6:45 AM	1	0	0	0	0	1	2	0	0	0	0	0	0	2	0	0	6
7:00 AM	0	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	4
7:15 AM	1	1	0	0	0	0	2	0	0	0	0	0	1	0	0	0	5
7:30 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7:45 AM	1	2	0	0	0	2	3	0	0	0	0	0	1	5	0	0	14
8:00 AM	0	3	0	0	0	1	0	0	0	0	0	0	3	2	0	0	9
8:15 AM	2	2	0	0	0	3	1	0	0	0	0	0	10	2	0	0	20
8:30 AM	0	2	0	0	0	4	1	0	0	0	0	0	9	0	2	0	18
8:45 AM	0	4	0	0	0	8	4	0	0	0	0	0	4	1	1	0	22
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	5	19	0	0	0	19	17	0	0	0	0	0	28	15	3	0	106
APPROACH %'s :	20.83%	79.17%	0.00%	0.00%	0.00%	52.78%	47.22%	0.00%					60.87%	32.61%	6.52%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	2	11	0	0	0	16	6	0	0	0	0	0	26	5	3	0	69
PEAK HR FACTOR :	0.250	0.688	0.000	0.000	0.000	0.500	0.375	0.000	0.000	0.000	0.000	0.000	0.650	0.625	0.375	0.000	0.784
	0.813				0.458								0.708				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	1	0	0	0	0	3	3	0	0	0	0	0	0	4	0	0	11
3:45 PM	1	0	0	0	0	1	2	0	0	0	0	0	1	1	0	0	6
4:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2
4:15 PM	1	2	0	0	0	1	0	0	0	0	0	0	2	0	0	0	6
4:30 PM	0	2	0	0	0	1	0	0	0	0	0	0	1	2	0	0	6
4:45 PM	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	2	0	0	0	0	0	4	1	0	0	7
5:30 PM	1	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	4
5:45 PM	0	1	0	0	0	0	2	0	0	0	0	0	1	1	0	0	5
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	5
6:30 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
6:45 PM	1	1	0	0	0	0	3	0	0	0	0	0	0	1	0	0	6
7:00 PM	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
7:15 PM	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	10	7	0	0	0	6	19	0	0	0	0	0	12	12	0	0	66
APPROACH %'s :	58.82%	41.18%	0.00%	0.00%	0.00%	24.00%	76.00%	0.00%					50.00%	50.00%	0.00%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	2	2	0	0	0	1	2	0	0	0	0	0	6	3	0	0	16
PEAK HR FACTOR :	0.25	0.250	0.000	0.000	0.000	0.250	0.250	0.000	0.000	0.000	0.000	0.000	0.375	0.375	0.000	0.000	0.571
	0.500				0.375								0.450				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Bennett St & SR 49 WB Off Ramps/Tinloy St
City: Grass Valley
Control: 1 Stop Sign (WB)

Project ID: 19-07290-003
Date: 8/28/2019

Bikes

NS/EW Streets:	Bennett St				Bennett St				SR 49 WB Off Ramps/Tinloy St				SR 49 WB Off Ramps/Tinloy St				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
7:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
8:00 AM	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	1	0	0	0	2	1	0	0	0	0	0	0	0	0	0	4
APPROACH %'s :	0.00%	100.00%	0.00%	0.00%	0.00%	66.67%	33.33%	0.00%									
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250
						0.250											

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
4:00 PM	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	3
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	1	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	4
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 PM	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	4
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	1	2	0	0	0	5	3	0	1	0	1	0	1	1	0	0	15
APPROACH %'s :	33.33%	66.67%	0.00%	0.00%	0.00%	62.50%	37.50%	0.00%	50.00%	0.00%	50.00%	0.00%	50.00%	50.00%	0.00%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	1	0	0	0	0	1	2	0	1	0	0	0	1	0	0	0	6
PEAK HR FACTOR :	0.25	0.000	0.000	0.000	0.000	0.250	0.500	0.000	0.250	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.375
		0.250				0.375				0.250				0.250			

National Data & Surveying Services

Intersection Turning Movement Count

Location: Bennett St & SR 49 WB Off Ramps/Tinloy St
City: Grass Valley

Project ID: 19-07290-003
Date: 8/28/2019

Pedestrians (Crosswalks)

NS/EW Streets:	Bennett St		Bennett St		SR 49 WB Off Ramps/Tinloy St		SR 49 WB Off Ramps/Tinloy St		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0
7:15 AM	0	1	0	0	0	1	0	0	2
7:30 AM	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	1	0	0	1
8:00 AM	0	1	0	0	0	0	0	0	1
8:15 AM	0	0	0	0	1	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	2	0	0	1	2	0	0	5
APPROACH %'s :	0.00%	100.00%			33.33%	66.67%			
PEAK HR :	**08:00 AM - 09:00 AM**								TOTAL
PEAK HR VOL :	0	1	0	0	1	0	0	0	2
PEAK HR FACTOR :		0.250			0.250				0.500
	0.250				0.250				

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
3:30 PM	0	0	0	0	2	0	0	0	2
3:45 PM	0	0	0	0	2	0	0	0	2
4:00 PM	0	0	0	0	0	2	0	0	2
4:15 PM	0	0	0	0	0	0	0	0	0
4:30 PM	0	1	0	0	0	2	0	0	3
4:45 PM	0	0	0	0	1	0	0	0	1
5:00 PM	0	0	0	0	0	1	0	0	1
5:15 PM	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	1	0	0	1
6:00 PM	0	0	0	0	0	0	0	0	0
6:15 PM	1	0	0	0	0	0	0	0	1
6:30 PM	1	0	0	0	0	1	0	0	2
6:45 PM	0	0	0	1	1	2	0	0	4
7:00 PM	0	0	0	0	0	1	0	0	1
7:15 PM	0	0	0	0	0	2	0	0	2
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	2	1	0	1	6	12	0	0	22
APPROACH %'s :	66.67%	33.33%	0.00%	100.00%	33.33%	66.67%			
PEAK HR :	**04:30 PM - 05:30 PM**								TOTAL
PEAK HR VOL :	0	1	0	0	1	3	0	0	5
PEAK HR FACTOR :		0.250			0.250	0.375			0.417
	0.250				0.500				

Prepared by National Data & Surveying Services

Bennett St & Hansen Way/SR 49 EB Ramps

Peak Hour Turning Movement Count

ID: 19-07290-004
City: Grass Valley

Day: Wednesday
Date: 08/28/2019

PEAK HOURS

AM: 08:00 AM - 09:00 AM
NOON: NONE
PM: 04:30 PM - 05:30 PM

COUNT PERIODS

AM: 06:30 AM - 09:00 AM
NOON: NONE
PM: 03:30 PM - 07:30 PM

Bennett St — SOUTHBOUND

AM	0	235	144	0	232	AM
NOON	0	0	0	0	0	NOON
PM	0	318	171	1	180	PM

Hansen Way/SR 49 EB Ramps — EASTBOUND

AM	NOON	PM	
0	0	0	
0	0	0	0
57	0	60	0
313	0	282	0
4	0	1	0
AM	NOON	PM	

Hansen Way/SR 49 EB Ramps — WESTBOUND

PM	NOON	AM	
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
598	0	698	
PM	NOON	AM	

CONTROL

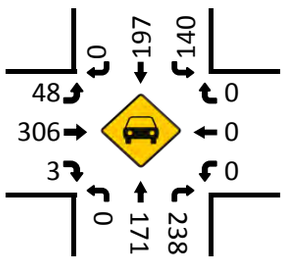
1 Stop Sign (EB)

TEV	1169	0	1097
	AM	NOON	PM
PHF	0.91		0.90

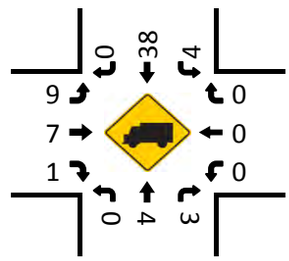
NORTHBOUND — Bennett St

PM	319	0	0	119	145	PM
NOON	0	0	0	0	0	NOON
AM	239	0	0	175	241	AM

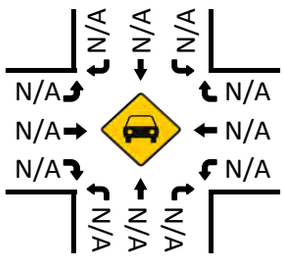
Cars (AM)



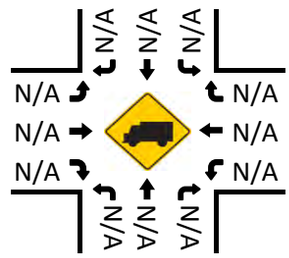
HT (AM)



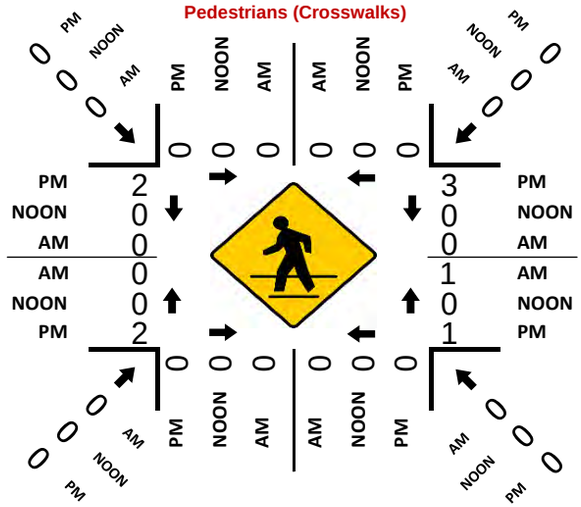
Cars (NOON)



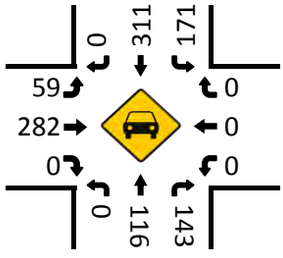
HT (NOON)



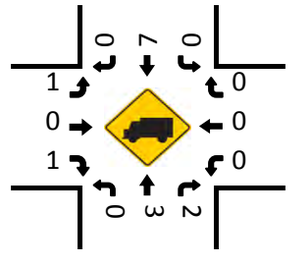
Pedestrians (Crosswalks)



Cars (PM)



HT (PM)



National Data & Surveying Services

Intersection Turning Movement Count

Location: Bennett St & Hansen Way/SR 49 EB Ramps
City: Grass Valley
Control: 1 Stop Sign (EB)

Project ID: 19-07290-004
Date: 8/28/2019

Total

NS/EW Streets:	Bennett St				Bennett St				Hansen Way/SR 49 EB Ramps				Hansen Way/SR 49 EB Ramps				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	23	13	0	15	16	0	0	4	22	0	0	0	0	0	0	93
6:45 AM	0	16	37	0	18	22	0	0	3	25	0	0	0	0	0	0	121
7:00 AM	0	27	19	0	28	29	0	0	5	25	1	0	0	0	0	0	134
7:15 AM	0	18	26	0	27	27	0	0	3	24	1	0	0	0	0	0	126
7:30 AM	0	29	31	0	24	43	0	0	8	41	1	0	0	0	0	0	177
7:45 AM	0	30	59	0	50	45	0	0	8	60	0	0	0	0	0	0	252
8:00 AM	0	54	65	0	28	66	0	0	10	54	0	0	0	0	0	0	277
8:15 AM	0	34	70	0	35	59	0	0	15	83	2	0	0	0	0	0	298
8:30 AM	0	47	66	0	39	60	0	0	20	86	2	0	0	0	0	0	320
8:45 AM	0	40	40	0	42	50	0	0	12	90	0	0	0	0	0	0	274
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	318	426	0	306	417	0	0	88	510	7	0	0	0	0	0	2072
APPROACH %'s :	0.00%	42.74%	57.26%	0.00%	42.32%	57.68%	0.00%	0.00%	14.55%	84.30%	1.16%	0.00%					
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	0	175	241	0	144	235	0	0	57	313	4	0	0	0	0	0	1169
PEAK HR FACTOR :	0.000	0.810	0.861	0.000	0.857	0.890	0.000	0.000	0.713	0.869	0.500	0.000	0.000	0.000	0.000	0.000	0.913
		0.874				0.957				0.866							

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	23	46	0	49	80	0	0	10	93	0	0	0	0	0	0	301
3:45 PM	0	28	35	0	37	77	0	1	11	91	0	0	0	0	0	0	280
4:00 PM	0	25	34	0	34	74	0	0	19	79	0	0	0	0	0	0	265
4:15 PM	0	17	32	0	42	65	0	0	7	66	3	0	0	0	0	0	232
4:30 PM	0	28	33	0	43	73	0	0	13	56	0	0	0	0	0	0	246
4:45 PM	0	29	38	0	39	72	0	0	12	75	0	0	0	0	0	0	265
5:00 PM	0	29	42	0	53	89	0	1	15	75	0	0	0	0	0	0	304
5:15 PM	0	33	32	0	36	84	0	0	20	76	1	0	0	0	0	0	282
5:30 PM	0	22	25	0	23	72	0	0	8	62	1	0	0	0	0	0	213
5:45 PM	0	24	26	0	30	54	0	0	15	57	2	0	0	0	0	0	208
6:00 PM	0	15	22	0	28	53	0	0	9	55	1	0	0	0	0	0	183
6:15 PM	0	25	22	0	24	61	0	0	9	43	2	0	0	0	0	0	186
6:30 PM	0	12	18	0	24	44	0	0	5	43	1	0	0	0	0	0	147
6:45 PM	0	18	16	0	29	58	0	0	5	40	0	0	0	0	0	0	166
7:00 PM	0	19	13	0	24	39	0	0	10	42	0	0	0	0	0	0	147
7:15 PM	0	11	10	0	37	52	0	0	8	56	2	0	0	0	0	0	176
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	358	444	0	552	1047	0	2	176	1009	13	0	0	0	0	0	3601
APPROACH %'s :	0.00%	44.64%	55.36%	0.00%	34.48%	65.40%	0.00%	0.12%	14.69%	84.22%	1.09%	0.00%					
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	0	119	145	0	171	318	0	1	60	282	1	0	0	0	0	0	1097
PEAK HR FACTOR :	0.000	0.902	0.863	0.000	0.807	0.893	0.000	0.250	0.750	0.928	0.250	0.000	0.000	0.000	0.000	0.000	0.902
		0.930				0.857				0.884							

National Data & Surveying Services

Intersection Turning Movement Count

Location: Bennett St & Hansen Way/SR 49 EB Ramps
City: Grass Valley
Control: 1 Stop Sign (EB)

Project ID: 19-07290-004
Date: 8/28/2019

Cars

NS/EW Streets:	Bennett St				Bennett St				Hansen Way/SR 49 EB Ramps				Hansen Way/SR 49 EB Ramps				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	20	11	0	15	16	0	0	4	20	0	0	0	0	0	0	86
6:45 AM	0	15	36	0	18	21	0	0	3	25	0	0	0	0	0	0	118
7:00 AM	0	26	15	0	28	29	0	0	5	23	1	0	0	0	0	0	127
7:15 AM	0	17	24	0	27	26	0	0	2	23	0	0	0	0	0	0	119
7:30 AM	0	28	28	0	24	43	0	0	8	40	0	0	0	0	0	0	171
7:45 AM	0	29	58	0	49	43	0	0	6	60	0	0	0	0	0	0	245
8:00 AM	0	52	63	0	27	63	0	0	9	54	0	0	0	0	0	0	268
8:15 AM	0	33	69	0	33	48	0	0	12	82	1	0	0	0	0	0	278
8:30 AM	0	46	66	0	39	47	0	0	19	83	2	0	0	0	0	0	302
8:45 AM	0	40	40	0	41	39	0	0	8	87	0	0	0	0	0	0	255
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	306	410	0	301	375	0	0	76	497	4	0	0	0	0	0	1969
APPROACH %'s :	0.00%	42.74%	57.26%	0.00%	44.53%	55.47%	0.00%	0.00%	13.17%	86.14%	0.69%	0.00%					
PEAK HR :	**08:00 AM - 09:00 AM**																TOTAL
PEAK HR VOL :	0	171	238	0	140	197	0	0	48	306	3	0	0	0	0	0	1103
PEAK HR FACTOR :	0.00	0.822	0.862	0.000	0.854	0.782	0.000	0.000	0.632	0.879	0.375	0.000	0.000	0.000	0.000	0.000	0.913
		0.889				0.936				0.858							

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	23	46	0	48	78	0	0	9	89	0	0	0	0	0	0	293
3:45 PM	0	28	33	0	37	75	0	1	10	89	0	0	0	0	0	0	273
4:00 PM	0	25	32	0	34	73	0	0	18	78	0	0	0	0	0	0	260
4:15 PM	0	14	31	0	41	63	0	0	7	64	2	0	0	0	0	0	222
4:30 PM	0	26	32	0	43	71	0	0	13	56	0	0	0	0	0	0	241
4:45 PM	0	28	37	0	39	71	0	0	11	75	0	0	0	0	0	0	261
5:00 PM	0	29	42	0	53	89	0	1	15	75	0	0	0	0	0	0	304
5:15 PM	0	33	32	0	36	80	0	0	20	76	0	0	0	0	0	0	277
5:30 PM	0	22	25	0	23	71	0	0	7	60	1	0	0	0	0	0	209
5:45 PM	0	24	26	0	30	53	0	0	14	57	2	0	0	0	0	0	206
6:00 PM	0	15	22	0	28	53	0	0	9	55	1	0	0	0	0	0	183
6:15 PM	0	25	22	0	24	61	0	0	8	42	0	0	0	0	0	0	182
6:30 PM	0	12	18	0	24	44	0	0	5	43	1	0	0	0	0	0	147
6:45 PM	0	17	16	0	29	58	0	0	4	40	0	0	0	0	0	0	164
7:00 PM	0	18	13	0	24	39	0	0	10	42	0	0	0	0	0	0	146
7:15 PM	0	11	10	0	37	52	0	0	7	54	1	0	0	0	0	0	172
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	350	437	0	550	1031	0	2	167	995	8	0	0	0	0	0	3540
APPROACH %'s :	0.00%	44.47%	55.53%	0.00%	34.74%	65.13%	0.00%	0.13%	14.27%	85.04%	0.68%	0.00%					
PEAK HR :	**04:30 PM - 05:30 PM**																TOTAL
PEAK HR VOL :	0	116	143	0	171	311	0	1	59	282	0	0	0	0	0	0	1083
PEAK HR FACTOR :	0.00	0.879	0.851	0.000	0.807	0.874	0.000	0.250	0.738	0.928	0.000	0.000	0.000	0.000	0.000	0.000	0.891
		0.912				0.844				0.888							

National Data & Surveying Services

Intersection Turning Movement Count

Location: Bennett St & Hansen Way/SR 49 EB Ramps
City: Grass Valley
Control: 1 Stop Sign (EB)

Project ID: 19-07290-004
Date: 8/28/2019

HT

NS/EW Streets:	Bennett St				Bennett St				Hansen Way/SR 49 EB Ramps				Hansen Way/SR 49 EB Ramps				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	3	2	0	0	0	0	0	0	2	0	0	0	0	0	0	7
6:45 AM	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	3
7:00 AM	0	1	4	0	0	0	0	0	0	2	0	0	0	0	0	0	7
7:15 AM	0	1	2	0	0	1	0	0	1	1	1	0	0	0	0	0	7
7:30 AM	0	1	3	0	0	0	0	0	0	1	1	0	0	0	0	0	6
7:45 AM	0	1	1	0	1	2	0	0	2	0	0	0	0	0	0	0	7
8:00 AM	0	2	2	0	1	3	0	0	1	0	0	0	0	0	0	0	9
8:15 AM	0	1	1	0	2	11	0	0	3	1	1	0	0	0	0	0	20
8:30 AM	0	1	0	0	0	13	0	0	1	3	0	0	0	0	0	0	18
8:45 AM	0	0	0	0	1	11	0	0	4	3	0	0	0	0	0	0	19
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	12	16	0	5	42	0	0	12	13	3	0	0	0	0	0	103
APPROACH %'s :	0.00%	42.86%	57.14%	0.00%	10.64%	89.36%	0.00%	0.00%	42.86%	46.43%	10.71%	0.00%					
PEAK HR :	**08:00 AM - 09:00 AM**																TOTAL
PEAK HR VOL :	0	4	3	0	4	38	0	0	9	7	1	0	0	0	0	0	66
PEAK HR FACTOR :	0.000	0.500	0.375	0.000	0.500	0.731	0.000	0.000	0.563	0.583	0.250	0.000	0.000	0.000	0.000	0.000	0.825
			0.438				0.808				0.607						

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	0	0	0	1	2	0	0	1	4	0	0	0	0	0	0	8
3:45 PM	0	0	2	0	0	2	0	0	1	2	0	0	0	0	0	0	7
4:00 PM	0	0	2	0	0	1	0	0	1	1	0	0	0	0	0	0	5
4:15 PM	0	3	1	0	1	2	0	0	0	2	1	0	0	0	0	0	10
4:30 PM	0	2	1	0	0	2	0	0	0	0	0	0	0	0	0	0	5
4:45 PM	0	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	4
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	4	0	0	0	0	1	0	0	0	0	0	5
5:30 PM	0	0	0	0	0	1	0	0	1	2	0	0	0	0	0	0	4
5:45 PM	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	2
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	0	4
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2
7:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7:15 PM	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	4
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	8	7	0	2	16	0	0	9	14	5	0	0	0	0	0	61
APPROACH %'s :	0.00%	53.33%	46.67%	0.00%	11.11%	88.89%	0.00%	0.00%	32.14%	50.00%	17.86%	0.00%					
PEAK HR :	**04:30 PM - 05:30 PM**																TOTAL
PEAK HR VOL :	0	3	2	0	0	7	0	0	1	0	1	0	0	0	0	0	14
PEAK HR FACTOR :	0.00	0.375	0.500	0.000	0.000	0.438	0.000	0.000	0.250	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.700
			0.417				0.438				0.500						

National Data & Surveying Services

Intersection Turning Movement Count

Location: Bennett St & Hansen Way/SR 49 EB Ramps
City: Grass Valley
Control: 1 Stop Sign (EB)

Project ID: 19-07290-004
Date: 8/28/2019

Bikes

NS/EW Streets:	Bennett St				Bennett St				Hansen Way/SR 49 EB Ramps				Hansen Way/SR 49 EB Ramps				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
8:00 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
APPROACH %'s :	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%									
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250
						0.250											

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 PM	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	4
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	3	0	0	0	5	0	1	0	0	0	0	0	0	0	0	9
APPROACH %'s :	0.00%	100.00%	0.00%	0.00%	0.00%	83.33%	0.00%	16.67%									
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
PEAK HR FACTOR :	0.00	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250
		0.250															

National Data & Surveying Services

Intersection Turning Movement Count

Location: Bennett St & Hansen Way/SR 49 EB Ramps
City: Grass Valley

Project ID: 19-07290-004
Date: 8/28/2019

Pedestrians (Crosswalks)

NS/EW Streets:	Bennett St		Bennett St		Hansen Way/SR 49 EB Ramps		Hansen Way/SR 49 EB Ramps		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	2	0	2
7:15 AM	0	0	0	0	0	1	0	0	1
7:30 AM	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	1	0	0	1
8:00 AM	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	1	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	0	0	1	2	2	0	5
APPROACH %'s :					33.33%	66.67%	100.00%	0.00%	
PEAK HR :	**08:00 AM - 09:00 AM**								TOTAL
PEAK HR VOL :	0	0	0	0	1	0	0	0	1
PEAK HR FACTOR :					0.250				0.250
					0.250				

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	2	0	1	0	3
4:00 PM	0	0	0	0	0	1	0	0	1
4:15 PM	0	0	0	0	0	0	1	1	2
4:30 PM	0	0	0	0	0	2	0	1	3
4:45 PM	0	0	0	0	1	0	1	0	2
5:00 PM	0	0	0	0	0	1	1	1	3
5:15 PM	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	1	2	3
6:00 PM	0	0	0	0	0	0	0	1	1
6:15 PM	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	1	0	1	2
6:45 PM	0	0	0	0	1	1	1	0	3
7:00 PM	0	0	0	0	0	1	0	0	1
7:15 PM	0	0	0	0	0	2	0	0	2
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	0	0	4	9	6	7	26
APPROACH %'s :					30.77%	69.23%	46.15%	53.85%	
PEAK HR :	**04:30 PM - 05:30 PM**								TOTAL
PEAK HR VOL :	0	0	0	0	1	3	2	2	8
PEAK HR FACTOR :					0.250	0.375	0.500	0.500	0.667
					0.500		0.500		

Prepared by National Data & Surveying Services

SR 49 NB Ramps & Idaho Maryland Rd

Peak Hour Turning Movement Count

ID: 19-07290-005
City: Grass Valley

Day: Wednesday
Date: 08/28/2019

PEAK HOURS

AM: 07:45 AM - 08:45 AM
NOON: NONE
PM: 04:30 PM - 05:30 PM

COUNT PERIODS

AM: 06:30 AM - 09:00 AM
NOON: NONE
PM: 03:30 PM - 07:30 PM

SR 49 NB Ramps — SOUTHBOUND

AM	0	0	0	0	0	AM
NOON	0	0	0	0	0	NOON
PM	0	0	0	0	0	PM

EASTBOUND — Idaho Maryland Rd

AM	NOON	PM	
594	0	856	⇦
0	0	0	↶ 0
0	0	0	↱ 0
265	0	186	→ 0
36	0	37	↴ 0
AM	NOON	PM	

WESTBOUND — Idaho Maryland Rd

PM	NOON	AM	
0	0	0	0 ↰
689	0	326	0 ←
56	0	38	0 ↰
0	0	0	0 ↰
381	0	689	⇨
PM	NOON	AM	

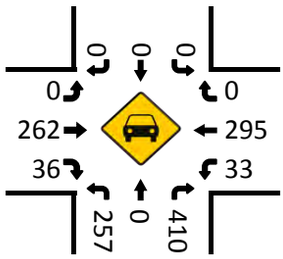
CONTROL
3 Way Stop Sign - NB/EB/WB

TEV	1357 AM	0 NOON	1332 PM
PHF	0.93		0.90

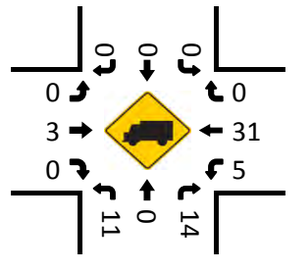
NORTHBOUND — SR 49 NB Ramps

PM	95	2	167	0	195	PM
NOON	0	0	0	0	0	NOON
AM	74	0	268	0	424	AM

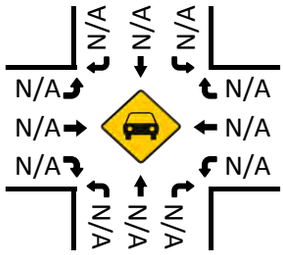
Cars (AM)



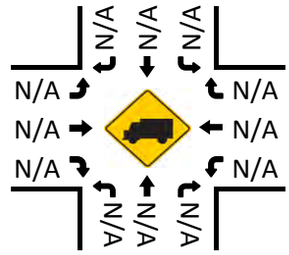
HT (AM)



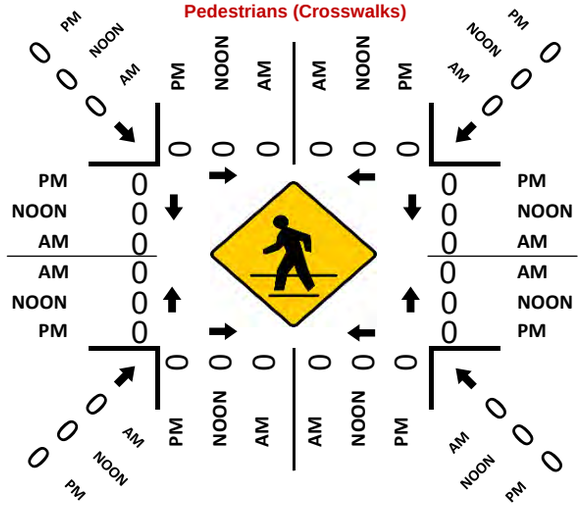
Cars (NOON)



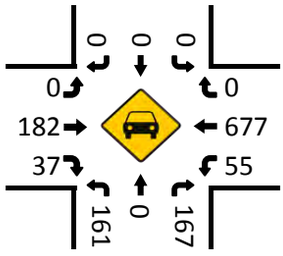
HT (NOON)



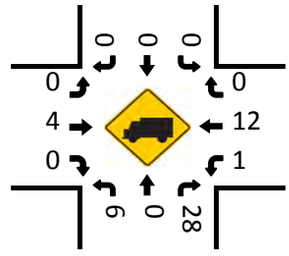
Pedestrians (Crosswalks)



Cars (PM)



HT (PM)



National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49 NB Ramps & Idaho Maryland Rd
City: Grass Valley
Control: 3 Way Stop Sign - NB/EB/WB

Project ID: 19-07290-005
Date: 8/28/2019

Total

NS/EW Streets:	SR 49 NB Ramps				SR 49 NB Ramps				Idaho Maryland Rd				Idaho Maryland Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	21	0	65	0	0	0	0	0	0	32	1	0	7	25	0	0	151
6:45 AM	31	0	128	0	0	0	0	0	0	59	3	0	7	36	0	0	264
7:00 AM	36	0	56	0	0	0	0	0	0	38	5	0	8	43	0	1	187
7:15 AM	37	0	74	1	0	0	0	0	0	40	4	0	7	45	0	0	208
7:30 AM	53	0	69	0	0	0	0	0	0	48	7	0	6	70	0	0	253
7:45 AM	73	0	131	0	0	0	0	0	0	64	7	0	7	72	0	0	354
8:00 AM	63	0	96	0	0	0	0	0	0	54	16	0	12	77	0	0	318
8:15 AM	77	0	107	0	0	0	0	0	0	79	7	0	9	87	0	0	366
8:30 AM	55	0	90	0	0	0	0	0	0	68	6	0	10	90	0	0	319
8:45 AM	40	0	109	0	0	0	0	0	0	70	9	0	8	82	0	0	318
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	486	0	925	1	0	0	0	0	0	552	65	0	81	627	0	1	2738
APPROACH %'s :	34.42%	0.00%	65.51%	0.07%					0.00%	89.47%	10.53%	0.00%	11.42%	88.43%	0.00%	0.14%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	268	0	424	0	0	0	0	0	0	265	36	0	38	326	0	0	1357
PEAK HR FACTOR :	0.870	0.000	0.809	0.000	0.000	0.000	0.000	0.000	0.000	0.839	0.563	0.000	0.792	0.906	0.000	0.000	0.927
	0.848								0.875				0.910				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	54	0	42	2	0	0	0	0	0	58	13	0	10	173	0	0	352
3:45 PM	47	0	63	0	0	0	0	0	0	73	16	0	13	139	0	0	351
4:00 PM	58	0	43	0	0	0	0	0	0	58	12	0	15	137	0	0	323
4:15 PM	44	0	58	0	0	0	0	0	0	54	8	0	11	125	0	0	300
4:30 PM	49	0	35	0	0	0	0	0	0	58	15	0	12	170	0	0	339
4:45 PM	35	0	58	0	0	0	0	0	0	50	6	0	15	144	0	0	308
5:00 PM	38	0	49	0	0	0	0	0	0	35	9	0	15	225	0	0	371
5:15 PM	45	0	53	2	0	0	0	0	0	43	7	0	14	150	0	0	314
5:30 PM	36	0	41	0	0	0	0	0	0	39	7	0	8	145	0	0	276
5:45 PM	39	0	35	0	0	0	0	0	0	42	10	0	4	87	0	0	217
6:00 PM	25	0	36	0	0	0	0	0	0	23	7	0	9	90	0	0	190
6:15 PM	25	0	27	0	0	0	0	0	0	29	10	0	3	78	0	0	172
6:30 PM	24	0	18	0	0	0	0	0	0	28	11	0	2	82	0	0	165
6:45 PM	25	0	26	1	0	0	0	0	0	22	3	0	5	66	0	0	148
7:00 PM	18	0	10	0	0	0	0	0	0	24	7	0	7	55	0	0	121
7:15 PM	15	0	31	0	0	0	0	0	0	18	6	0	2	42	0	0	114
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	577	0	625	5	0	0	0	0	0	654	147	0	145	1908	0	0	4061
APPROACH %'s :	47.80%	0.00%	51.78%	0.41%					0.00%	81.65%	18.35%	0.00%	7.06%	92.94%	0.00%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	167	0	195	2	0	0	0	0	0	186	37	0	56	689	0	0	1332
PEAK HR FACTOR :	0.852	0.000	0.841	0.250	0.000	0.000	0.000	0.000	0.000	0.802	0.617	0.000	0.933	0.766	0.000	0.000	0.898
	0.910								0.764				0.776				

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49 NB Ramps & Idaho Maryland Rd
City: Grass Valley
Control: 3 Way Stop Sign - NB/EB/WB

Project ID: 19-07290-005
Date: 8/28/2019

Cars

NS/EW Streets:	SR 49 NB Ramps				SR 49 NB Ramps				Idaho Maryland Rd				Idaho Maryland Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	19	0	63	0	0	0	0	0	0	32	1	0	7	22	0	0	144
6:45 AM	31	0	124	0	0	0	0	0	0	59	3	0	5	29	0	0	251
7:00 AM	34	0	53	0	0	0	0	0	0	38	5	0	7	37	0	1	175
7:15 AM	36	0	70	1	0	0	0	0	0	40	4	0	6	40	0	0	197
7:30 AM	52	0	66	0	0	0	0	0	0	47	7	0	4	60	0	0	236
7:45 AM	73	0	130	0	0	0	0	0	0	64	7	0	6	59	0	0	339
8:00 AM	58	0	93	0	0	0	0	0	0	54	16	0	11	72	0	0	304
8:15 AM	72	0	104	0	0	0	0	0	0	77	7	0	7	80	0	0	347
8:30 AM	54	0	83	0	0	0	0	0	0	67	6	0	9	84	0	0	303
8:45 AM	40	0	109	0	0	0	0	0	0	68	8	0	8	75	0	0	308
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	469	0	895	1	0	0	0	0	0	546	64	0	70	558	0	1	2604
APPROACH %'s :	34.36%	0.00%	65.57%	0.07%					0.00%	89.51%	10.49%	0.00%	11.13%	88.71%	0.00%	0.16%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	257	0	410	0	0	0	0	0	0	262	36	0	33	295	0	0	1293
PEAK HR FACTOR :	0.88	0.000	0.788	0.000	0.000	0.000	0.000	0.000	0.000	0.851	0.563	0.000	0.750	0.878	0.000	0.000	0.932
	0.821								0.887				0.882				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	53	0	37	2	0	0	0	0	0	58	13	0	10	170	0	0	343
3:45 PM	44	0	59	0	0	0	0	0	0	72	16	0	13	135	0	0	339
4:00 PM	58	0	43	0	0	0	0	0	0	50	12	0	15	135	0	0	313
4:15 PM	44	0	53	0	0	0	0	0	0	51	8	0	11	121	0	0	288
4:30 PM	48	0	31	0	0	0	0	0	0	57	15	0	12	167	0	0	330
4:45 PM	34	0	52	0	0	0	0	0	0	49	6	0	14	142	0	0	297
5:00 PM	37	0	37	0	0	0	0	0	0	34	9	0	15	220	0	0	352
5:15 PM	42	0	47	2	0	0	0	0	0	42	7	0	14	148	0	0	302
5:30 PM	36	0	34	0	0	0	0	0	0	39	7	0	8	143	0	0	267
5:45 PM	39	0	34	0	0	0	0	0	0	42	10	0	4	86	0	0	215
6:00 PM	25	0	35	0	0	0	0	0	0	23	7	0	8	90	0	0	188
6:15 PM	24	0	26	0	0	0	0	0	0	28	10	0	3	76	0	0	167
6:30 PM	24	0	18	0	0	0	0	0	0	27	11	0	2	80	0	0	162
6:45 PM	25	0	25	1	0	0	0	0	0	22	3	0	5	66	0	0	147
7:00 PM	18	0	10	0	0	0	0	0	0	24	7	0	7	55	0	0	121
7:15 PM	15	0	29	0	0	0	0	0	0	18	6	0	2	41	0	0	111
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	566	0	570	5	0	0	0	0	0	636	147	0	143	1875	0	0	3942
APPROACH %'s :	49.61%	0.00%	49.96%	0.44%					0.00%	81.23%	18.77%	0.00%	7.09%	92.91%	0.00%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	161	0	167	2	0	0	0	0	0	182	37	0	55	677	0	0	1281
PEAK HR FACTOR :	0.84	0.000	0.803	0.250	0.000	0.000	0.000	0.000	0.000	0.798	0.617	0.000	0.917	0.769	0.000	0.000	0.910
	0.907								0.760				0.779				

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49 NB Ramps & Idaho Maryland Rd
City: Grass Valley
Control: 3 Way Stop Sign - NB/EB/WB

Project ID: 19-07290-005
Date: 8/28/2019

HT

NS/EW Streets:	SR 49 NB Ramps				SR 49 NB Ramps				Idaho Maryland Rd				Idaho Maryland Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	2	0	2	0	0	0	0	0	0	0	0	0	0	3	0	0	7
6:45 AM	0	0	4	0	0	0	0	0	0	0	0	0	2	7	0	0	13
7:00 AM	2	0	3	0	0	0	0	0	0	0	0	0	1	6	0	0	12
7:15 AM	1	0	4	0	0	0	0	0	0	0	0	0	1	5	0	0	11
7:30 AM	1	0	3	0	0	0	0	0	0	1	0	0	2	10	0	0	17
7:45 AM	0	0	1	0	0	0	0	0	0	0	0	0	1	13	0	0	15
8:00 AM	5	0	3	0	0	0	0	0	0	0	0	0	1	5	0	0	14
8:15 AM	5	0	3	0	0	0	0	0	0	2	0	0	2	7	0	0	19
8:30 AM	1	0	7	0	0	0	0	0	0	1	0	0	1	6	0	0	16
8:45 AM	0	0	0	0	0	0	0	0	0	2	1	0	0	7	0	0	10
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	17	0	30	0	0	0	0	0	0	6	1	0	11	69	0	0	134
APPROACH %'s :	36.17%	0.00%	63.83%	0.00%					0.00%	85.71%	14.29%	0.00%	13.75%	86.25%	0.00%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	11	0	14	0	0	0	0	0	0	3	0	0	5	31	0	0	64
PEAK HR FACTOR :	0.550	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.375	0.000	0.000	0.625	0.596	0.000	0.000	0.842
	0.781								0.375				0.643				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	1	0	5	0	0	0	0	0	0	0	0	0	0	3	0	0	9
3:45 PM	3	0	4	0	0	0	0	0	0	1	0	0	0	4	0	0	12
4:00 PM	0	0	0	0	0	0	0	0	0	8	0	0	0	2	0	0	10
4:15 PM	0	0	5	0	0	0	0	0	0	3	0	0	0	4	0	0	12
4:30 PM	1	0	4	0	0	0	0	0	0	1	0	0	0	3	0	0	9
4:45 PM	1	0	6	0	0	0	0	0	0	1	0	0	1	2	0	0	11
5:00 PM	1	0	12	0	0	0	0	0	0	1	0	0	0	5	0	0	19
5:15 PM	3	0	6	0	0	0	0	0	0	1	0	0	0	2	0	0	12
5:30 PM	0	0	7	0	0	0	0	0	0	0	0	0	0	2	0	0	9
5:45 PM	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	2
6:00 PM	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	2
6:15 PM	1	0	1	0	0	0	0	0	0	1	0	0	0	2	0	0	5
6:30 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	3
6:45 PM	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	3
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	11	0	55	0	0	0	0	0	0	18	0	0	2	33	0	0	119
APPROACH %'s :	16.67%	0.00%	83.33%	0.00%					0.00%	100.00%	0.00%	0.00%	5.71%	94.29%	0.00%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	6	0	28	0	0	0	0	0	0	4	0	0	1	12	0	0	51
PEAK HR FACTOR :	0.50	0.000	0.583	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.250	0.600	0.000	0.000	0.671
	0.654								1.000				0.650				

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49 NB Ramps & Idaho Maryland Rd
City: Grass Valley
Control: 3 Way Stop Sign - NB/EB/WB

Project ID: 19-07290-005
Date: 8/28/2019

Bikes

NS/EW Streets:	SR 49 NB Ramps				SR 49 NB Ramps				Idaho Maryland Rd				Idaho Maryland Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
8:30 AM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	5
APPROACH %'s :									0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.500
										0.500							

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
5:30 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0	3	1	0	0	2	0	0	6
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	0	5	1	0	0	10	0	0	16
APPROACH %'s :									0.00%	83.33%	16.67%	0.00%	0.00%	100.00%	0.00%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0	0	4
PEAK HR FACTOR :	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.375	0.000	0.000	0.500
										0.250				0.375			

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49 NB Ramps & Idaho Maryland Rd
City: Grass Valley

Project ID: 19-07290-005
Date: 8/28/2019

Pedestrians (Crosswalks)

NS/EW Streets:	SR 49 NB Ramps		SR 49 NB Ramps		Idaho Maryland Rd		Idaho Maryland Rd		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	0
APPROACH %'s :									
PEAK HR :	07:45 AM - 08:45 AM								TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :									

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	0
APPROACH %'s :									
PEAK HR :	04:30 PM - 05:30 PM								TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :									

Prepared by National Data & Surveying Services

SR 49 SB Ramps & E Main St/Idaho Maryland Rd

Peak Hour Turning Movement Count

ID: 19-07290-006
City: Grass Valley

Day: Wednesday
Date: 08/28/2019

PEAK HOURS

AM: 08:00 AM - 09:00 AM
NOON: NONE
PM: 04:30 PM - 05:30 PM

COUNT PERIODS

AM: 06:30 AM - 09:30 AM
NOON: NONE
PM: 03:30 PM - 07:30 PM

SR 49 SB Ramps — SOUTHBOUND

AM	186	165	107	6	553	AM
NOON	0	0	0	0	0	NOON
PM	313	202	65	4	483	PM

EASTBOUND — E Main St/Idaho Maryland Rd

AM	NOON	PM	
334	0	611	⇦
1	0	1	↰ 0
247	0	196	↱ 0
133	0	88	→ 0
13	0	33	↳ 0
AM	NOON	PM	

WESTBOUND — E Main St/Idaho Maryland Rd

PM	NOON	AM	
221	0	243	↰ 0
234	0	120	← 0
296	0	183	↰ 0
6	0	4	↳ 0
228	0	318	⇨
PM	NOON	AM	

CONTROL

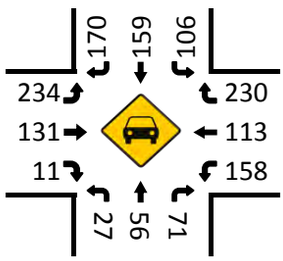
0

	AM	NOON	PM
TEV	1566	0	1853
PHF	0.90		0.95

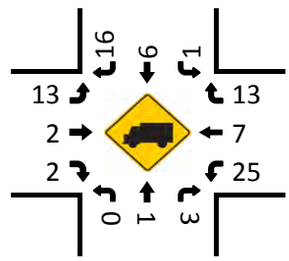
NORTHBOUND — SR 49 SB Ramps

PM	531	0	63	62	69	PM
NOON	0	0	0	0	0	NOON
AM	361	0	27	57	74	AM

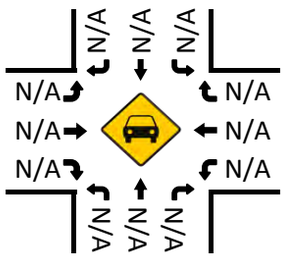
Cars (AM)



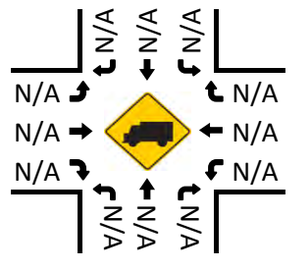
HT (AM)



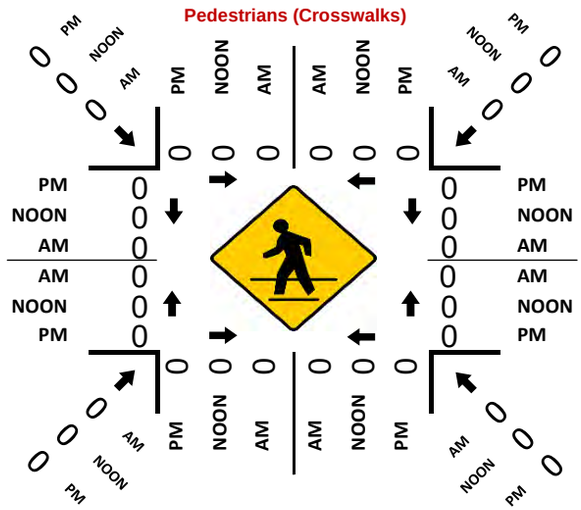
Cars (NOON)



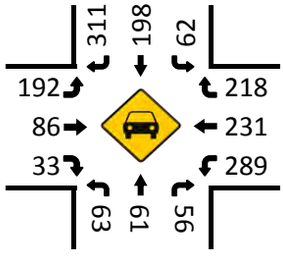
HT (NOON)



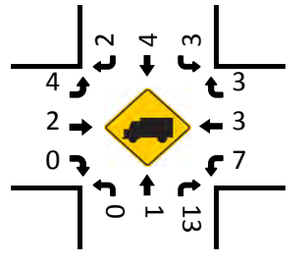
Pedestrians (Crosswalks)



Cars (PM)



HT (PM)



National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49 SB Ramps & E Main St/Idaho Maryland Rd
City: Grass Valley
Control:

Project ID: 19-07290-006
Date: 8/28/2019

Total

NS/EW Streets:	SR 49 SB Ramps				SR 49 SB Ramps				E Main St/Idaho Maryland Rd				E Main St/Idaho Maryland Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	1	1	4	0	10	22	11	0	16	10	1	1	15	11	8	1	112
6:45 AM	0	0	0	0	13	21	12	1	31	24	7	0	17	12	17	1	156
7:00 AM	6	12	21	0	15	33	19	0	30	25	5	0	21	12	33	1	233
7:15 AM	3	3	9	0	13	42	17	0	36	24	5	0	25	9	33	0	219
7:30 AM	0	0	1	0	11	35	29	1	40	21	5	0	39	18	56	0	256
7:45 AM	0	0	0	0	29	30	43	0	48	41	3	0	51	20	50	0	315
8:00 AM	9	12	12	0	34	47	41	3	52	28	3	1	48	20	66	1	377
8:15 AM	9	13	24	0	23	54	39	2	65	42	3	0	51	33	76	0	434
8:30 AM	7	16	21	0	22	33	57	0	53	28	1	0	44	38	56	1	377
8:45 AM	2	16	17	0	28	31	49	1	77	35	6	0	40	29	45	2	378
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	37	73	109	0	198	348	317	8	448	278	39	2	351	202	440	7	2857
APPROACH %'s :	16.89%	33.33%	49.77%	0.00%	22.73%	39.95%	36.39%	0.92%	58.41%	36.25%	5.08%	0.26%	35.10%	20.20%	44.00%	0.70%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	27	57	74	0	107	165	186	6	247	133	13	1	183	120	243	4	1566
PEAK HR FACTOR :	0.750	0.891	0.771	0.000	0.787	0.764	0.816	0.500	0.802	0.792	0.542	0.250	0.897	0.789	0.799	0.500	0.902
	0.859				0.928				0.835				0.859				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	10	9	22	0	17	63	67	0	48	23	12	1	82	44	45	0	443
3:45 PM	12	12	20	0	27	61	88	2	42	22	11	0	69	43	50	0	459
4:00 PM	13	13	19	0	23	48	76	0	52	30	7	0	84	54	52	0	471
4:15 PM	16	14	22	0	16	49	67	0	43	17	9	0	71	58	52	0	434
4:30 PM	18	20	25	0	16	43	84	1	39	23	5	0	80	60	52	0	466
4:45 PM	18	10	16	0	22	42	82	0	43	21	8	0	64	53	50	3	432
5:00 PM	15	17	21	0	11	60	74	2	56	23	10	1	82	59	55	2	488
5:15 PM	12	15	7	0	16	57	73	1	58	21	10	0	70	62	64	1	467
5:30 PM	6	18	12	0	7	37	62	3	44	13	4	0	82	60	47	0	395
5:45 PM	14	9	10	0	19	45	67	0	36	22	5	0	70	38	36	0	371
6:00 PM	13	12	6	0	14	49	64	0	41	21	8	0	51	45	34	0	358
6:15 PM	12	11	6	0	7	50	47	0	51	21	7	0	38	43	30	0	323
6:30 PM	11	8	5	0	13	37	53	0	45	21	6	0	39	35	27	0	300
6:45 PM	7	6	3	0	11	40	46	3	41	16	9	0	35	38	18	0	273
7:00 PM	8	7	4	0	9	22	38	0	45	11	2	0	26	32	19	0	223
7:15 PM	4	8	0	0	7	32	39	0	42	15	3	1	19	28	13	0	211
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	189	189	198	0	235	735	1027	12	726	320	116	3	962	752	644	6	6114
APPROACH %'s :	32.81%	32.81%	34.38%	0.00%	11.70%	36.59%	51.12%	0.60%	62.32%	27.47%	9.96%	0.26%	40.69%	31.81%	27.24%	0.25%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	63	62	69	0	65	202	313	4	196	88	33	1	296	234	221	6	1853
PEAK HR FACTOR :	0.875	0.775	0.690	0.000	0.739	0.842	0.932	0.500	0.845	0.957	0.825	0.250	0.902	0.944	0.863	0.500	0.949
	0.770				0.993				0.883				0.956				

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49 SB Ramps & E Main St/Idaho Maryland Rd
City: Grass Valley
Control: 0

Project ID: 19-07290-006
Date: 8/28/2019

Cars

NS/EW Streets:	SR 49 SB Ramps				SR 49 SB Ramps				E Main St/Idaho Maryland Rd				E Main St/Idaho Maryland Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	1	1	4	0	10	22	10	0	16	10	1	1	12	9	6	1	104
6:45 AM	0	0	0	0	13	21	10	1	31	24	7	0	12	11	17	1	148
7:00 AM	6	12	21	0	15	32	17	0	30	25	5	0	17	12	30	1	223
7:15 AM	3	3	9	0	13	41	16	0	36	24	5	0	21	8	30	0	209
7:30 AM	0	0	1	0	11	33	29	1	39	21	5	0	34	18	55	0	247
7:45 AM	0	0	0	0	28	30	41	0	47	41	3	0	38	20	50	0	298
8:00 AM	9	12	12	0	34	46	41	3	49	28	3	1	35	19	61	1	354
8:15 AM	9	12	22	0	23	50	36	2	60	41	3	0	46	30	71	0	405
8:30 AM	7	16	21	0	22	33	53	0	51	27	1	0	42	37	54	1	365
8:45 AM	2	16	16	0	27	30	40	1	74	35	4	0	35	27	44	2	353
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	37	72	106	0	196	338	293	8	433	276	37	2	292	191	418	7	2706
APPROACH %'s :	17.21%	33.49%	49.30%	0.00%	23.47%	40.48%	35.09%	0.96%	57.89%	36.90%	4.95%	0.27%	32.16%	21.04%	46.04%	0.77%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	27	56	71	0	106	159	170	6	234	131	11	1	158	113	230	4	1477
PEAK HR FACTOR :	0.75	0.875	0.807	0.000	0.779	0.795	0.802	0.500	0.791	0.799	0.688	0.250	0.859	0.764	0.810	0.500	0.912
		0.875				0.889				0.834				0.859			

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	10	9	20	0	17	61	65	0	46	22	12	1	81	43	44	0	431
3:45 PM	12	12	19	0	27	59	85	2	42	21	11	0	67	41	47	0	445
4:00 PM	13	13	14	0	22	48	75	0	50	28	7	0	82	54	51	0	457
4:15 PM	16	14	19	0	16	46	65	0	43	17	9	0	69	57	52	0	423
4:30 PM	18	19	21	0	14	42	83	1	36	22	5	0	77	57	52	0	447
4:45 PM	18	10	14	0	21	42	81	0	43	21	8	0	61	53	49	3	424
5:00 PM	15	17	14	0	11	58	74	2	55	22	10	1	82	59	55	2	477
5:15 PM	12	15	7	0	16	56	73	1	58	21	10	0	69	62	62	1	463
5:30 PM	6	18	12	0	7	37	62	3	43	13	4	0	79	60	45	0	389
5:45 PM	14	9	10	0	17	44	66	0	36	22	5	0	70	37	36	0	366
6:00 PM	13	11	6	0	14	48	64	0	40	19	8	0	51	45	34	0	353
6:15 PM	12	11	5	0	7	50	44	0	51	21	7	0	37	43	30	0	318
6:30 PM	11	8	5	0	13	37	53	0	44	21	6	0	38	34	27	0	297
6:45 PM	7	6	3	0	11	39	45	3	41	16	9	0	35	38	18	0	271
7:00 PM	8	7	4	0	9	22	38	0	43	11	2	0	26	32	19	0	221
7:15 PM	4	8	0	0	7	31	38	0	42	15	3	1	18	28	13	0	208
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	189	187	173	0	229	720	1011	12	713	312	116	3	942	743	634	6	5990
APPROACH %'s :	34.43%	34.06%	31.51%	0.00%	11.61%	36.51%	51.27%	0.61%	62.33%	27.27%	10.14%	0.26%	40.52%	31.96%	27.27%	0.26%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	63	61	56	0	62	198	311	4	192	86	33	1	289	231	218	6	1811
PEAK HR FACTOR :	0.88	0.803	0.667	0.000	0.738	0.853	0.937	0.500	0.828	0.977	0.825	0.250	0.881	0.931	0.879	0.500	0.949
		0.776				0.985				0.876				0.939			

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49 SB Ramps & E Main St/Idaho Maryland Rd
City: Grass Valley
Control: 0

Project ID: 19-07290-006
Date: 8/28/2019

HT

NS/EW Streets:	SR 49 SB Ramps				SR 49 SB Ramps				E Main St/Idaho Maryland Rd				E Main St/Idaho Maryland Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	1	0	0	0	0	0	3	2	2	0	8
6:45 AM	0	0	0	0	0	0	2	0	0	0	0	0	5	1	0	0	8
7:00 AM	0	0	0	0	0	1	2	0	0	0	0	0	4	0	3	0	10
7:15 AM	0	0	0	0	0	1	1	0	0	0	0	0	4	1	3	0	10
7:30 AM	0	0	0	0	0	2	0	0	1	0	0	0	5	0	1	0	9
7:45 AM	0	0	0	0	1	0	2	0	1	0	0	0	13	0	0	0	17
8:00 AM	0	0	0	0	0	1	0	0	3	0	0	0	13	1	5	0	23
8:15 AM	0	1	2	0	0	4	3	0	5	1	0	0	5	3	5	0	29
8:30 AM	0	0	0	0	0	0	4	0	2	1	0	0	2	1	2	0	12
8:45 AM	0	0	1	0	1	1	9	0	3	0	2	0	5	2	1	0	25
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	1	3	0	2	10	24	0	15	2	2	0	59	11	22	0	151
APPROACH %'s :	0.00%	25.00%	75.00%	0.00%	5.56%	27.78%	66.67%	0.00%	78.95%	10.53%	10.53%	0.00%	64.13%	11.96%	23.91%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	0	1	3	0	1	6	16	0	13	2	2	0	25	7	13	0	89
PEAK HR FACTOR :	0.000	0.250	0.375	0.000	0.250	0.375	0.444	0.000	0.650	0.500	0.250	0.000	0.481	0.583	0.650	0.000	0.767
		0.333				0.523				0.708				0.592			

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	0	2	0	0	2	2	0	2	1	0	0	1	1	1	0	12
3:45 PM	0	0	1	0	0	2	3	0	0	1	0	0	2	2	3	0	14
4:00 PM	0	0	5	0	1	0	1	0	2	2	0	0	2	0	1	0	14
4:15 PM	0	0	3	0	0	3	2	0	0	0	0	0	2	1	0	0	11
4:30 PM	0	1	4	0	2	1	1	0	3	1	0	0	3	3	0	0	19
4:45 PM	0	0	2	0	1	0	1	0	0	0	0	0	3	0	1	0	8
5:00 PM	0	0	7	0	0	2	0	0	1	1	0	0	0	0	0	0	11
5:15 PM	0	0	0	0	0	1	0	0	0	0	0	0	1	0	2	0	4
5:30 PM	0	0	0	0	0	0	0	0	1	0	0	0	3	0	2	0	6
5:45 PM	0	0	0	0	2	1	1	0	0	0	0	0	0	1	0	0	5
6:00 PM	0	1	0	0	0	1	0	0	1	2	0	0	0	0	0	0	5
6:15 PM	0	0	1	0	0	0	3	0	0	0	0	0	1	0	0	0	5
6:30 PM	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	3
6:45 PM	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2
7:00 PM	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
7:15 PM	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	3
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	2	25	0	6	15	16	0	13	8	0	0	20	9	10	0	124
APPROACH %'s :	0.00%	7.41%	92.59%	0.00%	16.22%	40.54%	43.24%	0.00%	61.90%	38.10%	0.00%	0.00%	51.28%	23.08%	25.64%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	0	1	13	0	3	4	2	0	4	2	0	0	7	3	3	0	42
PEAK HR FACTOR :	0.00	0.250	0.464	0.000	0.375	0.500	0.500	0.000	0.333	0.500	0.000	0.000	0.583	0.250	0.375	0.000	0.553
		0.500				0.563				0.375				0.542			

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49 SB Ramps & E Main St/Idaho Maryland Rd
City: Grass Valley
Control: 0

Project ID: 19-07290-006
Date: 8/28/2019

Bikes

NS/EW Streets:	SR 49 SB Ramps				SR 49 SB Ramps				E Main St/Idaho Maryland Rd				E Main St/Idaho Maryland Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
APPROACH %'s :																	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
6:45 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
7:00 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
7:15 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	3
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	4	0	1	1	0	0	0	5	1	0	12
APPROACH %'s :					0.00%	0.00%	100.00%	0.00%	50.00%	50.00%	0.00%	0.00%	0.00%	83.33%	16.67%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	4
PEAK HR FACTOR :	0.00	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.500
							0.250								0.500		

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49 SB Ramps & E Main St/Idaho Maryland Rd
City: Grass Valley
Project ID: 19-07290-006
Date: 8/28/2019

Pedestrians (Crosswalks)

NS/EW Streets:	SR 49 SB Ramps		SR 49 SB Ramps		E Main St/Idaho Maryland Rd		E Main St/Idaho Maryland Rd		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	0
APPROACH %'s :									
PEAK HR :	**08:00 AM - 09:00 AM**								TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :									

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	1	0	0	0	1
6:15 PM	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	1	0	0	0	1
7:00 PM	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	0	0	2	0	0	0	2
APPROACH %'s :					100.00%	0.00%			
PEAK HR :	**04:30 PM - 05:30 PM**								TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :									

Prepared by National Data & Surveying Services

E Main St/Nevada City Hwy & Brunswick Rd

Peak Hour Turning Movement Count

ID: 19-07290-007
City: Grass Valley

Day: Wednesday
Date: 08/28/2019

PEAK HOURS

AM: 08:00 AM - 09:00 AM
NOON: NONE
PM: 03:30 PM - 04:30 PM

COUNT PERIODS

AM: 06:30 AM - 09:00 AM
NOON: NONE
PM: 03:30 PM - 07:30 PM

SOUTHBOUND — E Main St/Nevada City Hwy

AM	0	183	289	0	487	AM
NOON	0	0	0	0	0	NOON
PM	3	209	485	0	715	PM

EASTBOUND — Brunswick Rd

AM	NOON	PM	
4	0	18	
0	0	0	0
6	0	5	0
7	0	5	0
12	0	7	0
AM	NOON	PM	

WESTBOUND — Brunswick Rd

PM	NOON	AM	
476	0	325	0
12	0	4	0
200	0	237	0
6	0	4	0
666	0	416	
PM	NOON	AM	

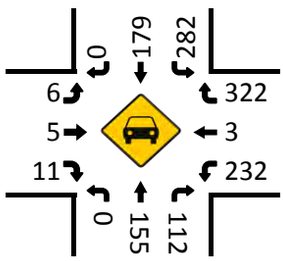
CONTROL: Signalized

TEV	1339 AM	0 NOON	1815 PM
PHF	0.89		0.94

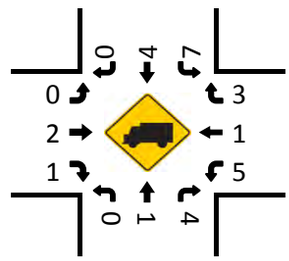
NORTHBOUND — E Main St/Nevada City Hwy

PM	416	0	3	234	170	PM
NOON	0	0	0	0	0	NOON
AM	432	0	0	156	116	AM

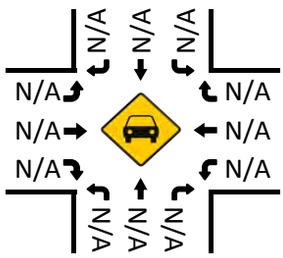
Cars (AM)



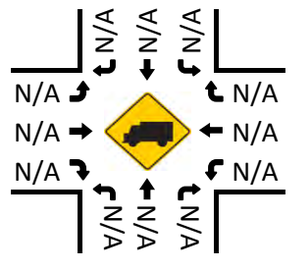
HT (AM)



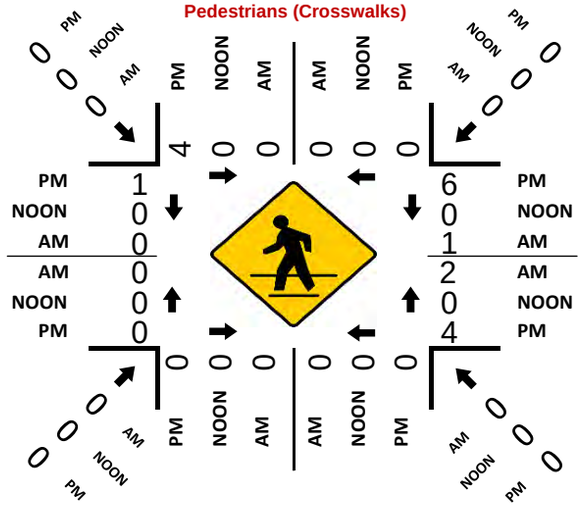
Cars (NOON)



HT (NOON)



Pedestrians (Crosswalks)


PM
NOON
AM
0
4
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0

National Data & Surveying Services

Intersection Turning Movement Count

Location: E Main St/Nevada City Hwy & Brunswick Rd
City: Grass Valley
Control: Signalized

Project ID: 19-07290-007
Date: 8/28/2019

Total

NS/EW Streets:	E Main St/Nevada City Hwy				E Main St/Nevada City Hwy				Brunswick Rd				Brunswick Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	5	5	0	27	10	0	0	0	2	1	0	14	1	29	0	94
6:45 AM	1	17	7	0	32	16	0	0	0	1	0	0	26	2	36	0	138
7:00 AM	0	18	12	0	35	13	0	0	0	2	0	0	11	1	44	0	136
7:15 AM	2	26	11	0	45	16	1	0	0	0	2	0	25	1	46	0	175
7:30 AM	1	30	16	0	31	31	0	0	2	1	0	0	39	0	50	1	202
7:45 AM	2	30	26	0	40	41	1	0	1	1	2	0	60	1	64	1	270
8:00 AM	0	28	22	0	50	60	0	0	2	4	4	0	72	1	53	3	299
8:15 AM	0	42	27	0	74	43	0	0	1	0	1	0	58	0	76	1	323
8:30 AM	0	56	32	0	84	39	0	0	1	2	5	0	58	1	97	0	375
8:45 AM	0	30	35	0	81	41	0	0	2	1	2	0	49	2	99	0	342
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	6	282	193	0	499	310	2	0	9	14	17	0	412	10	594	6	2354
APPROACH %'s :	1.25%	58.63%	40.12%	0.00%	61.53%	38.22%	0.25%	0.00%	22.50%	35.00%	42.50%	0.00%	40.31%	0.98%	58.12%	0.59%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	0	156	116	0	289	183	0	0	6	7	12	0	237	4	325	4	1339
PEAK HR FACTOR :	0.000	0.696	0.829	0.000	0.860	0.763	0.000	0.000	0.750	0.438	0.600	0.000	0.823	0.500	0.821	0.333	0.893
		0.773				0.959				0.625				0.913			

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	2	61	36	0	125	56	1	0	2	1	4	0	49	5	125	1	468
3:45 PM	0	66	34	0	115	59	1	0	1	0	1	0	51	1	111	3	443
4:00 PM	1	56	48	0	134	49	0	0	1	3	0	0	50	4	134	1	481
4:15 PM	0	51	52	0	111	45	1	0	1	1	2	0	50	2	106	1	423
4:30 PM	0	47	51	0	112	41	0	0	1	1	2	0	62	3	113	0	433
4:45 PM	0	65	41	0	108	43	1	0	1	1	2	0	45	7	108	1	423
5:00 PM	0	55	39	0	122	51	3	0	2	2	0	0	48	6	115	0	443
5:15 PM	0	72	40	0	106	46	0	0	3	4	2	0	50	1	86	1	411
5:30 PM	0	56	35	0	100	51	0	0	2	3	1	0	50	1	83	0	382
5:45 PM	3	36	28	0	92	42	1	0	6	4	0	0	43	2	84	0	341
6:00 PM	0	39	32	0	111	41	0	0	0	2	2	0	35	3	67	1	333
6:15 PM	1	34	25	0	103	36	0	0	0	6	0	0	31	0	57	0	293
6:30 PM	0	27	16	0	73	40	0	0	1	0	0	0	38	2	62	1	260
6:45 PM	1	37	22	0	75	21	0	0	3	4	1	0	26	5	54	0	249
7:00 PM	0	30	20	0	86	27	0	0	5	1	1	0	29	4	56	1	260
7:15 PM	0	25	21	0	50	28	1	0	2	3	0	0	20	4	39	0	193
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	8	757	540	0	1623	676	9	0	31	36	18	0	677	50	1400	11	5836
APPROACH %'s :	0.61%	58.01%	41.38%	0.00%	70.32%	29.29%	0.39%	0.00%	36.47%	42.35%	21.18%	0.00%	31.67%	2.34%	65.48%	0.51%	
PEAK HR :	03:30 PM - 04:30 PM																TOTAL
PEAK HR VOL :	3	234	170	0	485	209	3	0	5	5	7	0	200	12	476	6	1815
PEAK HR FACTOR :	0.375	0.886	0.817	0.000	0.905	0.886	0.750	0.000	0.625	0.417	0.438	0.000	0.980	0.600	0.888	0.500	0.943
		0.969				0.952				0.607				0.918			

National Data & Surveying Services

Intersection Turning Movement Count

Location: E Main St/Nevada City Hwy & Brunswick Rd
City: Grass Valley
Control: Signalized

Project ID: 19-07290-007
Date: 8/28/2019

Cars

NS/EW Streets:	E Main St/Nevada City Hwy				E Main St/Nevada City Hwy				Brunswick Rd				Brunswick Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	5	5	0	27	10	0	0	0	2	1	0	14	1	26	0	91
6:45 AM	1	16	7	0	30	15	0	0	0	1	0	0	26	2	35	0	133
7:00 AM	0	16	12	0	34	12	0	0	0	2	0	0	11	1	42	0	130
7:15 AM	1	25	11	0	42	16	0	0	0	0	2	0	25	1	44	0	167
7:30 AM	1	30	16	0	30	30	0	0	2	1	0	0	38	0	48	1	197
7:45 AM	2	30	26	0	37	41	1	0	1	1	2	0	60	1	62	1	265
8:00 AM	0	27	20	0	49	59	0	0	2	2	3	0	70	0	53	3	288
8:15 AM	0	42	26	0	71	41	0	0	1	0	1	0	56	0	74	1	313
8:30 AM	0	56	32	0	83	38	0	0	1	2	5	0	57	1	96	0	371
8:45 AM	0	30	34	0	79	41	0	0	2	1	2	0	49	2	99	0	339
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	5	277	189	0	482	303	1	0	9	12	16	0	406	9	579	6	2294
APPROACH %'s :	1.06%	58.81%	40.13%	0.00%	61.32%	38.55%	0.13%	0.00%	24.32%	32.43%	43.24%	0.00%	40.60%	0.90%	57.90%	0.60%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	0	155	112	0	282	179	0	0	6	5	11	0	232	3	322	4	1311
PEAK HR FACTOR :	0.00	0.692	0.824	0.000	0.849	0.758	0.000	0.000	0.750	0.625	0.550	0.000	0.829	0.375	0.813	0.333	0.883
		0.759				0.952				0.688				0.911			

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	2	59	36	0	125	55	1	0	2	1	4	0	48	5	123	1	462
3:45 PM	0	65	34	0	115	58	1	0	1	0	1	0	51	1	110	3	440
4:00 PM	1	55	48	0	130	48	0	0	1	3	0	0	49	4	132	1	472
4:15 PM	0	50	52	0	110	45	1	0	1	1	2	0	50	2	106	1	421
4:30 PM	0	47	51	0	112	40	0	0	1	1	2	0	62	3	113	0	432
4:45 PM	0	65	40	0	108	42	1	0	1	1	2	0	45	7	107	1	420
5:00 PM	0	54	39	0	120	51	3	0	2	2	0	0	48	6	115	0	440
5:15 PM	0	72	40	0	106	46	0	0	3	4	2	0	49	1	86	1	410
5:30 PM	0	56	34	0	99	50	0	0	2	3	1	0	50	1	83	0	379
5:45 PM	3	36	28	0	92	41	1	0	6	4	0	0	43	2	84	0	340
6:00 PM	0	38	32	0	108	40	0	0	0	2	2	0	35	3	67	1	328
6:15 PM	1	34	25	0	103	36	0	0	0	6	0	0	31	0	57	0	293
6:30 PM	0	27	16	0	73	38	0	0	1	0	0	0	36	2	61	1	255
6:45 PM	1	37	22	0	74	21	0	0	3	4	1	0	25	5	53	0	246
7:00 PM	0	29	18	0	85	27	0	0	5	1	1	0	29	4	55	1	255
7:15 PM	0	25	21	0	50	27	1	0	2	3	0	0	20	4	39	0	192
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	8	749	536	0	1610	665	9	0	31	36	18	0	671	50	1391	11	5785
APPROACH %'s :	0.62%	57.93%	41.45%	0.00%	70.49%	29.12%	0.39%	0.00%	36.47%	42.35%	21.18%	0.00%	31.61%	2.36%	65.52%	0.52%	
PEAK HR :	03:30 PM - 04:30 PM																TOTAL
PEAK HR VOL :	3	229	170	0	480	206	3	0	5	5	7	0	198	12	471	6	1795
PEAK HR FACTOR :	0.38	0.881	0.817	0.000	0.923	0.888	0.750	0.000	0.625	0.417	0.438	0.000	0.971	0.600	0.892	0.500	0.951
		0.966				0.952				0.607				0.923			

National Data & Surveying Services

Intersection Turning Movement Count

Location: E Main St/Nevada City Hwy & Brunswick Rd
City: Grass Valley
Control: Signalized

Project ID: 19-07290-007
Date: 8/28/2019

HT

NS/EW Streets:	E Main St/Nevada City Hwy				E Main St/Nevada City Hwy				Brunswick Rd				Brunswick Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3
6:45 AM	0	1	0	0	2	1	0	0	0	0	0	0	0	0	1	0	5
7:00 AM	0	2	0	0	1	1	0	0	0	0	0	0	0	0	2	0	6
7:15 AM	1	1	0	0	3	0	1	0	0	0	0	0	0	0	2	0	8
7:30 AM	0	0	0	0	1	1	0	0	0	0	0	0	1	0	2	0	5
7:45 AM	0	0	0	0	3	0	0	0	0	0	0	0	0	0	2	0	5
8:00 AM	0	1	2	0	1	1	0	0	0	2	1	0	2	1	0	0	11
8:15 AM	0	0	1	0	3	2	0	0	0	0	0	0	2	0	2	0	10
8:30 AM	0	0	0	0	1	1	0	0	0	0	0	0	1	0	1	0	4
8:45 AM	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	3
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	1	5	4	0	17	7	1	0	0	2	1	0	6	1	15	0	60
APPROACH %'s :	10.00%	50.00%	40.00%	0.00%	68.00%	28.00%	4.00%	0.00%	0.00%	66.67%	33.33%	0.00%	27.27%	4.55%	68.18%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	0	1	4	0	7	4	0	0	0	2	1	0	5	1	3	0	28
PEAK HR FACTOR :	0.000	0.250	0.500	0.000	0.583	0.500	0.000	0.000	0.000	0.250	0.250	0.000	0.625	0.250	0.375	0.000	0.636
		0.417				0.550				0.250				0.563			

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	2	0	0	0	1	0	0	0	0	0	0	1	0	2	0	6
3:45 PM	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	3
4:00 PM	0	1	0	0	4	1	0	0	0	0	0	0	1	0	2	0	9
4:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2
4:30 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
4:45 PM	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	3
5:00 PM	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	3
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
5:30 PM	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	3
5:45 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
6:00 PM	0	1	0	0	3	1	0	0	0	0	0	0	0	0	0	0	5
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	2	0	0	0	0	0	0	2	0	1	0	5
6:45 PM	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	3
7:00 PM	0	1	2	0	1	0	0	0	0	0	0	0	0	0	1	0	5
7:15 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	8	4	0	13	11	0	0	0	0	0	0	6	0	9	0	51
APPROACH %'s :	0.00%	66.67%	33.33%	0.00%	54.17%	45.83%	0.00%	0.00%					40.00%	0.00%	60.00%	0.00%	
PEAK HR :	03:30 PM - 04:30 PM																TOTAL
PEAK HR VOL :	0	5	0	0	5	3	0	0	0	0	0	0	2	0	5	0	20
PEAK HR FACTOR :	0.00	0.625	0.000	0.000	0.313	0.750	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.625	0.000	0.556
		0.625				0.400								0.583			

National Data & Surveying Services

Intersection Turning Movement Count

Location: E Main St/Nevada City Hwy & Brunswick Rd
City: Grass Valley
Control: Signalized

Project ID: 19-07290-007
Date: 8/28/2019

Bikes

NS/EW Streets:	E Main St/Nevada City Hwy				E Main St/Nevada City Hwy				Brunswick Rd				Brunswick Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
7:30 AM	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	3
7:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
8:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
8:15 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	1	0	0	1	4	0	0	0	0	2	0	0	0	0	0	8
APPROACH %'s :	0.00%	100.00%	0.00%	0.00%	20.00%	80.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%					
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.500
					0.250				0.250								

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
5:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	3
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
6:30 PM	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2
6:45 PM	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	3
7:00 PM	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	2
7:15 PM	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	2
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	6	1	0	3	2	0	0	0	0	3	0	3	0	1	0	19
APPROACH %'s :	0.00%	85.71%	14.29%	0.00%	60.00%	40.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	75.00%	0.00%	25.00%	0.00%	
PEAK HR :	03:30 PM - 04:30 PM																TOTAL
PEAK HR VOL :	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3
PEAK HR FACTOR :	0.00	0.500	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.375
		0.500				0.250											

National Data & Surveying Services

Intersection Turning Movement Count

Location: E Main St/Nevada City Hwy & Brunswick Rd
City: Grass Valley

Project ID: 19-07290-007
Date: 8/28/2019

Pedestrians (Crosswalks)

NS/EW Streets:	E Main St/Nevada City Hwy		E Main St/Nevada City Hwy		Brunswick Rd		Brunswick Rd		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
6:30 AM	0	1	0	0	1	0	0	0	2
6:45 AM	0	0	0	0	1	0	0	0	1
7:00 AM	0	0	0	0	1	0	0	0	1
7:15 AM	0	0	0	0	1	1	0	0	2
7:30 AM	1	0	0	0	1	2	0	0	4
7:45 AM	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	1	0	0	0	1
8:30 AM	0	0	0	0	1	1	0	0	2
8:45 AM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	1	1	0	0	7	4	0	0	13
APPROACH %'s :	50.00%	50.00%			63.64%	36.36%			
PEAK HR :	**08:00 AM - 09:00 AM**								TOTAL
PEAK HR VOL :	0	0	0	0	2	1	0	0	3
PEAK HR FACTOR :					0.500	0.250			0.375
					0.375				

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
3:30 PM	1	0	0	0	0	1	0	0	2
3:45 PM	2	0	0	0	1	1	0	0	4
4:00 PM	1	0	0	0	0	2	0	1	4
4:15 PM	0	0	0	0	3	2	0	0	5
4:30 PM	1	0	0	0	1	0	0	0	2
4:45 PM	1	0	0	0	1	2	0	0	4
5:00 PM	1	0	0	0	2	1	0	0	4
5:15 PM	2	0	0	0	0	0	0	0	2
5:30 PM	0	0	0	0	0	2	0	0	2
5:45 PM	1	0	0	0	0	1	0	0	2
6:00 PM	1	0	0	0	0	1	1	0	3
6:15 PM	0	0	0	0	0	0	0	1	1
6:30 PM	1	1	0	0	0	1	0	0	3
6:45 PM	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	12	1	0	0	8	14	1	2	38
APPROACH %'s :	92.31%	7.69%			36.36%	63.64%	33.33%	66.67%	
PEAK HR :	**03:30 PM - 04:30 PM**								TOTAL
PEAK HR VOL :	4	0	0	0	4	6	0	1	15
PEAK HR FACTOR :	0.500				0.333	0.750		0.250	0.750
	0.500				0.500		0.250		

Prepared by National Data & Surveying Services

SR 49 SB Ramps & Brunswick Rd

Peak Hour Turning Movement Count

ID: 19-07290-008
City: Grass Valley

Day: Wednesday
Date: 08/28/2019

PEAK HOURS
AM: 08:00 AM - 09:00 AM
NOON: NONE
PM: 04:15 PM - 05:15 PM

COUNT PERIODS
AM: 06:30 AM - 09:00 AM
NOON: NONE
PM: 03:30 PM - 07:30 PM

SR 49 SB Ramps — SOUTHBOUND

AM	121	40	249	0	207	AM
NOON	0	0	0	0	0	NOON
PM	124	53	354	0	484	PM

EASTBOUND — Brunswick Rd

AM	NOON	PM	
608	0	697	⇦
0	0	0	↶ 0
0	0	0	↱ 0
274	0	362	→ 0
21	0	50	↴ 0
AM	NOON	PM	

WESTBOUND — Brunswick Rd

PM	NOON	AM	
484	0	207	0 ↰
542	0	469	0 ←
112	0	102	0 ↶
0	0	0	0 ↱
859	0	614	⇨
PM	NOON	AM	

CONTROL: Signalized

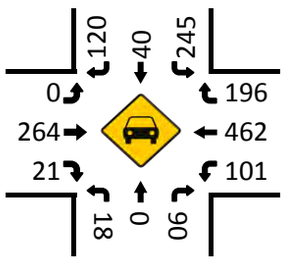
TEV	1592 AM	0 NOON	2255 PM
PHF	0.93		0.92

NORTHBOUND — SR 49 SB Ramps

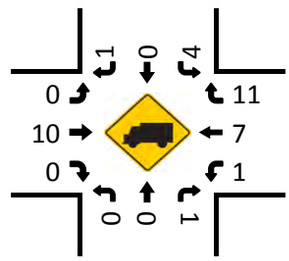
PM	215	0	31	0	143	PM
NOON	0	0	0	0	0	NOON
AM	163	0	18	0	91	AM

0 0 0 0 ↰ ← ↑ ↱

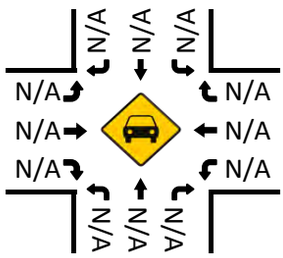
Cars (AM)



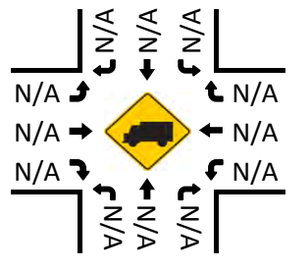
HT (AM)



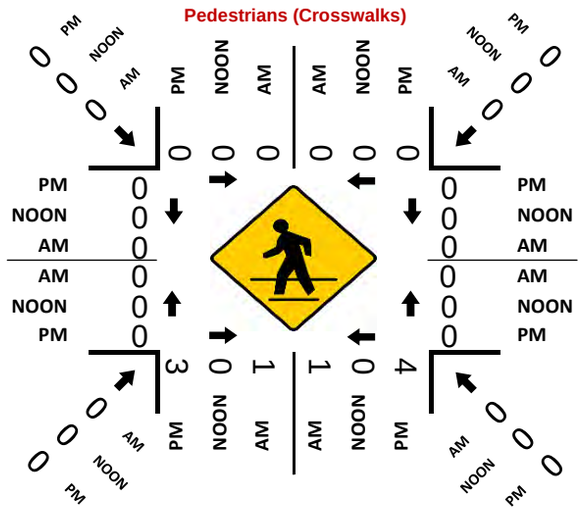
Cars (NOON)



HT (NOON)



Pedestrians (Crosswalks)


PM
NOON
AM
0
0
0

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49 SB Ramps & Brunswick Rd
City: Grass Valley
Control: Signalized

Project ID: 19-07290-008
Date: 8/28/2019

Total

NS/EW Streets:	SR 49 SB Ramps					SR 49 SB Ramps					Brunswick Rd					Brunswick Rd				
AM	NORTHBOUND					SOUTHBOUND					EASTBOUND					WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	NR2	SL	ST	SR	SU	SL2	EL	ET	ER	EU	ET2	WL	WT	WR	WU	TOTAL
6:30 AM	1	0	2	0	1	18	2	8	0	0	0	26	2	0	11	6	35	25	0	137
6:45 AM	1	0	1	0	2	42	2	13	0	0	0	13	0	0	19	10	57	33	0	193
7:00 AM	2	0	2	0	4	32	8	6	0	1	0	34	4	0	17	10	56	36	0	212
7:15 AM	1	0	6	0	7	42	4	15	0	0	0	29	4	0	20	12	61	23	0	224
7:30 AM	2	0	10	0	2	32	7	18	0	0	0	35	2	0	18	17	83	55	0	281
7:45 AM	2	0	9	0	7	36	9	34	0	0	0	61	5	0	18	15	95	59	0	350
8:00 AM	4	0	23	0	7	62	14	27	0	1	0	48	3	0	31	25	110	40	0	395
8:15 AM	4	0	23	0	12	68	11	24	0	0	0	61	1	0	42	35	108	58	0	447
8:30 AM	5	0	17	0	10	49	8	41	0	0	0	85	9	0	32	15	129	50	0	450
8:45 AM	5	0	28	0	8	70	7	29	0	0	0	80	8	0	34	27	122	59	0	477
	NL	NT	NR	NU	NR2	SL	ST	SR	SU	SL2	EL	ET	ER	EU	ET2	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	27	0	121	0	60	451	72	215	0	2	0	472	38	0	242	172	856	438	0	3166
APPROACH %'s :	12.98%	0.00%	58.17%	0.00%	28.85%	60.95%	9.73%	29.05%	0.00%	0.27%	0.00%	62.77%	5.05%	0.00%	32.18%	11.73%	58.39%	29.88%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																			TOTAL
PEAK HR VOL :	18	0	91	0	37	249	40	121	0	1	0	274	21	0	139	102	469	207	0	1769
PEAK HR FACTOR :	0.900	0.000	0.813	0.000	0.771	0.889	0.714	0.738	0.000	0.250	0.000	0.806	0.583	0.000	0.827	0.729	0.909	0.877	0.000	0.927
			0.890					0.969					0.861					0.935		

PM	NORTHBOUND					SOUTHBOUND					EASTBOUND					WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	NR2	SL	ST	SR	SU	SL2	EL	ET	ER	EU	ET2	WL	WT	WR	WU	TOTAL
3:30 PM	9	0	39	0	22	74	5	33	0	0	0	98	12	0	46	35	145	95	0	613
3:45 PM	11	0	30	0	16	65	8	39	0	0	0	72	11	0	71	28	133	95	0	579
4:00 PM	10	0	27	0	15	98	8	28	0	0	0	114	6	0	55	31	166	98	0	656
4:15 PM	3	0	35	0	21	86	12	28	0	0	0	85	21	0	67	31	143	107	0	639
4:30 PM	7	0	37	0	20	80	22	30	0	0	0	84	13	0	60	25	131	117	0	626
4:45 PM	13	0	24	0	21	77	10	28	0	0	0	96	5	0	58	28	136	120	0	616
5:00 PM	8	0	47	0	28	111	9	38	0	1	0	97	11	0	49	28	132	140	0	699
5:15 PM	7	0	27	0	27	64	14	23	0	0	0	77	8	0	68	31	127	107	0	580
5:30 PM	12	0	28	0	17	46	8	33	0	0	0	89	9	0	55	26	109	105	0	537
5:45 PM	5	0	15	0	22	54	6	30	0	0	0	74	6	0	42	14	99	100	0	467
6:00 PM	4	0	30	0	15	55	9	21	0	0	0	84	13	0	55	27	90	78	0	481
6:15 PM	6	0	23	0	21	53	11	14	0	1	0	67	6	0	58	21	79	60	0	420
6:30 PM	6	0	27	0	25	46	3	27	0	0	0	53	5	0	32	20	69	63	0	376
6:45 PM	4	0	12	0	16	44	6	21	0	0	0	58	9	0	34	18	66	50	0	338
7:00 PM	6	0	18	0	8	39	4	9	0	0	0	65	7	0	42	23	91	43	0	355
7:15 PM	4	0	16	0	19	41	8	11	0	1	0	57	2	0	27	24	53	39	0	302
	NL	NT	NR	NU	NR2	SL	ST	SR	SU	SL2	EL	ET	ER	EU	ET2	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	115	0	435	0	313	1033	143	413	0	3	0	1270	144	0	819	410	1769	1417	0	8284
APPROACH %'s :	13.33%	0.00%	50.41%	0.00%	36.27%	64.89%	8.98%	25.94%	0.00%	0.19%	0.00%	56.87%	6.45%	0.00%	36.68%	11.40%	49.19%	39.40%	0.00%	
PEAK HR :	04:15 PM - 05:15 PM																			TOTAL
PEAK HR VOL :	31	0	143	0	90	354	53	124	0	1	0	362	50	0	234	112	542	484	0	2580
PEAK HR FACTOR :	0.596	0.000	0.761	0.000	0.804	0.797	0.602	0.816	0.000	0.250	0.000	0.933	0.595	0.000	0.873	0.903	0.948	0.864	0.000	0.923
			0.795					0.836					0.934					0.948		

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49 SB Ramps & Brunswick Rd
City: Grass Valley
Control: Signalized

Project ID: 19-07290-008
Date: 8/28/2019

Cars

AM	NORTHBOUND					SOUTHBOUND					EASTBOUND					WESTBOUND				
NS/EW Streets:	SR 49 SB Ramps					SR 49 SB Ramps					Brunswick Rd					Brunswick Rd				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	NR2	SL	ST	SR	SU	SL2	EL	ET	ER	EU	ET2	WL	WT	WR	WU	TOTAL
6:30 AM	1	0	2	0	1	18	2	8	0	0	0	26	2	0	11	6	32	24	0	133
6:45 AM	1	0	1	0	2	41	2	13	0	0	0	12	0	0	18	10	56	25	0	181
7:00 AM	2	0	2	0	4	29	8	6	0	1	0	33	4	0	17	10	54	33	0	203
7:15 AM	1	0	6	0	7	42	4	15	0	0	0	28	4	0	18	12	59	22	0	218
7:30 AM	2	0	10	0	1	30	7	18	0	0	0	34	2	0	18	17	81	48	0	268
7:45 AM	2	0	9	0	7	36	9	34	0	0	0	60	5	0	17	15	92	58	0	344
8:00 AM	4	0	23	0	7	61	14	26	0	1	0	43	3	0	30	25	109	37	0	383
8:15 AM	4	0	23	0	11	66	11	24	0	0	0	58	1	0	41	35	104	55	0	433
8:30 AM	5	0	17	0	10	49	8	41	0	0	0	85	9	0	31	14	127	48	0	444
8:45 AM	5	0	27	0	8	69	7	29	0	0	0	78	8	0	33	27	122	56	0	469
	NL	NT	NR	NU	NR2	SL	ST	SR	SU	SL2	EL	ET	ER	EU	ET2	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	27	0	120	0	58	441	72	214	0	2	0	457	38	0	234	171	836	406	0	3076
APPROACH %'s :	13.17%	0.00%	58.54%	0.00%	28.29%	60.49%	9.88%	29.36%	0.00%	0.27%	0.00%	62.69%	5.21%	0.00%	32.10%	12.10%	59.16%	28.73%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																			TOTAL
PEAK HR VOL :	18	0	90	0	36	245	40	120	0	1	0	264	21	0	135	101	462	196	0	1729
PEAK HR FACTOR :	0.90	0.000	0.833	0.000	0.818	0.888	0.714	0.732	0.000	0.250	0.000	0.776	0.583	0.000	0.823	0.721	0.909	0.875	0.000	0.922
			0.900					0.967					0.840					0.926		

PM	NORTHBOUND					SOUTHBOUND					EASTBOUND					WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	NR2	SL	ST	SR	SU	SL2	EL	ET	ER	EU	ET2	WL	WT	WR	WU	TOTAL
3:30 PM	8	0	38	0	22	73	5	32	0	0	0	98	12	0	46	35	143	91	0	603
3:45 PM	11	0	30	0	16	63	8	39	0	0	0	72	11	0	71	28	132	94	0	575
4:00 PM	10	0	27	0	15	94	8	28	0	0	0	111	6	0	54	31	165	97	0	646
4:15 PM	3	0	35	0	21	82	12	28	0	0	0	85	21	0	67	30	143	106	0	633
4:30 PM	7	0	35	0	20	79	21	30	0	0	0	84	13	0	60	25	131	115	0	620
4:45 PM	13	0	24	0	21	75	10	28	0	0	0	96	5	0	58	28	136	118	0	612
5:00 PM	8	0	47	0	27	110	9	38	0	1	0	96	11	0	48	28	132	140	0	695
5:15 PM	7	0	27	0	27	62	13	23	0	0	0	77	8	0	68	31	125	105	0	573
5:30 PM	11	0	28	0	16	45	8	33	0	0	0	88	8	0	55	26	108	105	0	531
5:45 PM	5	0	15	0	21	53	6	30	0	0	0	73	6	0	42	14	98	100	0	463
6:00 PM	4	0	30	0	15	53	9	21	0	0	0	82	13	0	55	27	90	78	0	477
6:15 PM	6	0	23	0	21	52	11	14	0	1	0	67	6	0	58	21	79	60	0	419
6:30 PM	6	0	27	0	25	45	3	26	0	0	0	53	5	0	32	19	67	63	0	371
6:45 PM	3	0	12	0	16	42	6	21	0	0	0	58	9	0	34	18	66	50	0	335
7:00 PM	6	0	18	0	8	37	4	9	0	0	0	60	7	0	42	23	90	43	0	347
7:15 PM	4	0	16	0	19	40	8	11	0	1	0	57	2	0	27	24	53	39	0	301
	NL	NT	NR	NU	NR2	SL	ST	SR	SU	SL2	EL	ET	ER	EU	ET2	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	112	0	432	0	310	1005	141	411	0	3	0	1257	143	0	817	408	1758	1404	0	8201
APPROACH %'s :	13.11%	0.00%	50.59%	0.00%	36.30%	64.42%	9.04%	26.35%	0.00%	0.19%	0.00%	56.70%	6.45%	0.00%	36.85%	11.43%	49.24%	39.33%	0.00%	
PEAK HR :	04:15 PM - 05:15 PM																			TOTAL
PEAK HR VOL :	31	0	141	0	89	346	52	124	0	1	0	361	50	0	233	111	542	479	0	2560
PEAK HR FACTOR :	0.60	0.000	0.750	0.000	0.824	0.786	0.619	0.816	0.000	0.250	0.000	0.940	0.595	0.000	0.869	0.925	0.948	0.855	0.000	0.921
			0.796					0.828					0.931					0.943		

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49 SB Ramps & Brunswick Rd
City: Grass Valley
Control: Signalized

Project ID: 19-07290-008
Date: 8/28/2019

HT

NS/EW Streets:	SR 49 SB Ramps					SR 49 SB Ramps					Brunswick Rd					Brunswick Rd				
AM	NORTHBOUND					SOUTHBOUND					EASTBOUND					WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	NR2	SL	ST	SR	SU	SL2	EL	ET	ER	EU	ET2	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	4
6:45 AM	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	0	1	8	0	12
7:00 AM	0	0	0	0	0	3	0	0	0	0	0	1	0	0	0	0	2	3	0	9
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	2	1	0	6
7:30 AM	0	0	0	0	1	2	0	0	0	0	0	1	0	0	0	0	2	7	0	13
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	3	1	0	6
8:00 AM	0	0	0	0	0	1	0	1	0	0	0	5	0	0	1	0	1	3	0	12
8:15 AM	0	0	0	0	1	2	0	0	0	0	0	3	0	0	1	0	4	3	0	14
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	0	6
8:45 AM	0	0	1	0	0	1	0	0	0	0	0	2	0	0	1	0	0	3	0	8
	NL	NT	NR	NU	NR2	SL	ST	SR	SU	SL2	EL	ET	ER	EU	ET2	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	1	0	2	10	0	1	0	0	0	15	0	0	8	1	20	32	0	90
APPROACH %'s :	0.00%	0.00%	33.33%	0.00%	66.67%	90.91%	0.00%	9.09%	0.00%	0.00%	0.00%	65.22%	0.00%	0.00%	34.78%	1.89%	37.74%	60.38%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																			TOTAL
PEAK HR VOL :	0	0	1	0	1	4	0	1	0	0	0	10	0	0	4	1	7	11	0	40
PEAK HR FACTOR :	0.000	0.000	0.250	0.000	0.250	0.500	0.000	0.250	0.000	0.000	0.000	0.500	0.000	0.000	1.000	0.250	0.438	0.917	0.000	0.714
			0.500					0.625					0.583					0.679		

PM	NORTHBOUND					SOUTHBOUND					EASTBOUND					WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	NR2	SL	ST	SR	SU	SL2	EL	ET	ER	EU	ET2	WL	WT	WR	WU	TOTAL
3:30 PM	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	2	4	0	10
3:45 PM	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	1	0	4
4:00 PM	0	0	0	0	0	4	0	0	0	0	0	3	0	0	1	0	1	1	0	10
4:15 PM	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	1	0	1	0	6
4:30 PM	0	0	2	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	0	6
4:45 PM	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	4
5:00 PM	0	0	0	0	1	1	0	0	0	0	0	1	0	0	1	0	0	0	0	4
5:15 PM	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	2	2	0	7
5:30 PM	1	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	1	0	0	6
5:45 PM	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	1	0	0	4
6:00 PM	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0	0	4
6:15 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6:30 PM	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	2	0	0	5
6:45 PM	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3
7:00 PM	0	0	0	0	0	2	0	0	0	0	0	5	0	0	0	0	1	0	0	8
7:15 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	NL	NT	NR	NU	NR2	SL	ST	SR	SU	SL2	EL	ET	ER	EU	ET2	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	3	0	3	0	3	28	2	2	0	0	0	13	1	0	2	2	11	13	0	83
APPROACH %'s :	33.33%	0.00%	33.33%	0.00%	33.33%	87.50%	6.25%	6.25%	0.00%	0.00%	0.00%	81.25%	6.25%	0.00%	12.50%	7.69%	42.31%	50.00%	0.00%	
PEAK HR :	04:15 PM - 05:15 PM																			TOTAL
PEAK HR VOL :	0	0	2	0	1	8	1	0	0	0	0	1	0	0	1	1	0	5	0	20
PEAK HR FACTOR :	0.00	0.000	0.250	0.000	0.250	0.500	0.250	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.250	0.250	0.000	0.625	0.000	0.833
			0.375					0.563					0.250					0.750		

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49 SB Ramps & Brunswick Rd
City: Grass Valley
Control: Signalized

Project ID: 19-07290-008
Date: 8/28/2019

Bikes

NS/EW Streets:	SR 49 SB Ramps					SR 49 SB Ramps					Brunswick Rd					Brunswick Rd				
AM	NORTHBOUND					SOUTHBOUND					EASTBOUND					WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	NR2	SL	ST	SR	SU	SL2	EL	ET	ER	EU	ET2	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	NR2	SL	ST	SR	SU	SL2	EL	ET	ER	EU	ET2	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
APPROACH %'s :											0.00%	100.00%	0.00%	0.00%	0.00%					
PEAK HR :	08:00 AM - 09:00 AM																			TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

PM	NORTHBOUND					SOUTHBOUND					EASTBOUND					WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	NR2	SL	ST	SR	SU	SL2	EL	ET	ER	EU	ET2	WL	WT	WR	WU	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	2
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	NL	NT	NR	NU	NR2	SL	ST	SR	SU	SL2	EL	ET	ER	EU	ET2	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	1	0	0	0	3	0	0	0	1	3	0	0	8
APPROACH %'s :						0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	25.00%	75.00%	0.00%	0.00%	
PEAK HR :	04:15 PM - 05:15 PM																			TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
PEAK HR FACTOR :	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250
													0.250							

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49 SB Ramps & Brunswick Rd
City: Grass Valley

Project ID: 19-07290-008
Date: 8/28/2019

Pedestrians (Crosswalks)

NS/EW Streets:	SR 49 SB Ramps		SR 49 SB Ramps		Brunswick Rd		Brunswick Rd				
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		EAST LEG 2		
	EB	WB	EB	WB	NB	SB	NB	SB	NB	SB	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	1	0	1
6:45 AM	0	0	0	1	0	0	0	0	0	0	1
7:00 AM	0	0	0	0	0	0	0	0	0	1	1
7:15 AM	0	0	1	1	0	0	0	0	1	1	4
7:30 AM	0	0	0	1	0	0	0	0	0	1	2
7:45 AM	0	0	0	0	0	0	0	0	1	1	2
8:00 AM	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	1	1	0	0	0	0	2	0	4
8:30 AM	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	2	4	0	0	0	0	5	4	15
APPROACH %'s :			33.33%	66.67%					55.56%	44.44%	
PEAK HR :	**08:00 AM - 09:00 AM**										TOTAL
PEAK HR VOL :	0	0	1	1	0	0	0	0	2	0	4
PEAK HR FACTOR :			0.250	0.250					0.250		0.250
			0.250						0.250		

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		EAST LEG 2		
	EB	WB	EB	WB	NB	SB	NB	SB	NB	SB	TOTAL
3:30 PM	1	0	1	0	0	0	0	0	0	0	2
3:45 PM	0	0	1	0	0	0	0	0	0	1	2
4:00 PM	0	0	2	0	0	0	0	0	0	0	2
4:15 PM	0	0	0	1	0	0	0	0	0	0	1
4:30 PM	0	0	2	1	0	0	0	0	2	0	5
4:45 PM	0	0	1	1	0	0	0	0	0	0	2
5:00 PM	0	0	0	1	0	0	0	0	0	0	1
5:15 PM	0	0	3	0	0	0	0	0	0	0	3
5:30 PM	0	0	2	2	0	0	0	0	0	0	4
5:45 PM	0	1	0	0	0	0	0	0	0	0	1
6:00 PM	1	0	1	0	0	0	0	0	0	1	3
6:15 PM	0	0	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	1	0	0	0	0	0	0	1
	EB	WB	EB	WB	NB	SB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	2	1	13	7	0	0	0	0	2	2	27
APPROACH %'s :	66.67%	33.33%	65.00%	35.00%					50.00%	50.00%	
PEAK HR :	**04:15 PM - 05:15 PM**										TOTAL
PEAK HR VOL :	0	0	3	4	0	0	0	0	2	0	9
PEAK HR FACTOR :			0.375	1.000					0.250		0.450
			0.583						0.250		

Prepared by National Data & Surveying Services

SR 49 NB Ramps & Brunswick Rd

Peak Hour Turning Movement Count

ID: 19-07290-009
City: Grass Valley

Day: Wednesday
Date: 08/28/2019

PEAK HOURS

AM: 08:00 AM - 09:00 AM
NOON: NONE
PM: 03:45 PM - 04:45 PM

COUNT PERIODS

AM: 06:30 AM - 09:00 AM
NOON: NONE
PM: 03:30 PM - 07:30 PM

SR 49 NB Ramps — SOUTHBOUND

AM	0	0	0	0	230	AM
NOON	0	0	0	0	0	NOON
PM	0	0	0	0	461	PM

Brunswick Rd — EASTBOUND

AM	NOON	PM	
783	0	1111	⇦
0	0	0	↶ 0
0	0	0	↱ 0
541	0	721	→ 0
80	0	105	↴ 0
AM	NOON	PM	

CONTROL

Signalized

TEV	2049 AM	0 NOON	2872 PM
PHF	0.92		0.97

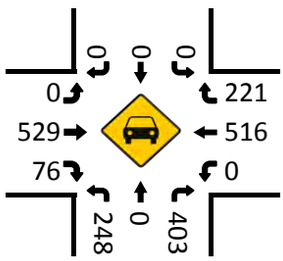
WESTBOUND — Brunswick Rd

PM	NOON	AM	
461	0	230	0 ↰
877	0	531	0 ←
0	0	0	0 ↰
0	0	0	0 ↶
1195	0	956	⇨
PM	NOON	AM	

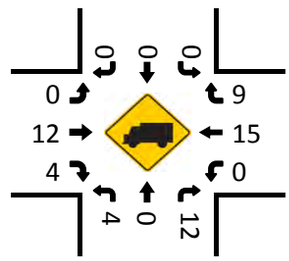
SR 49 NB Ramps — NORTHBOUND

PM	105	0	234	0	474	PM
NOON	0	0	0	0	0	NOON
AM	80	0	252	0	415	AM

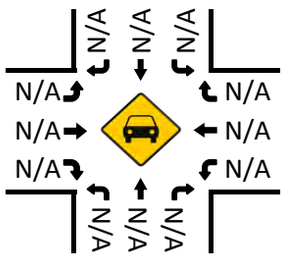
Cars (AM)



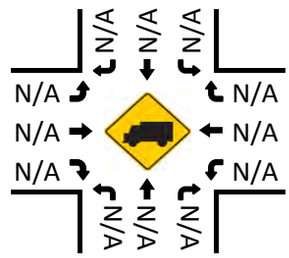
HT (AM)



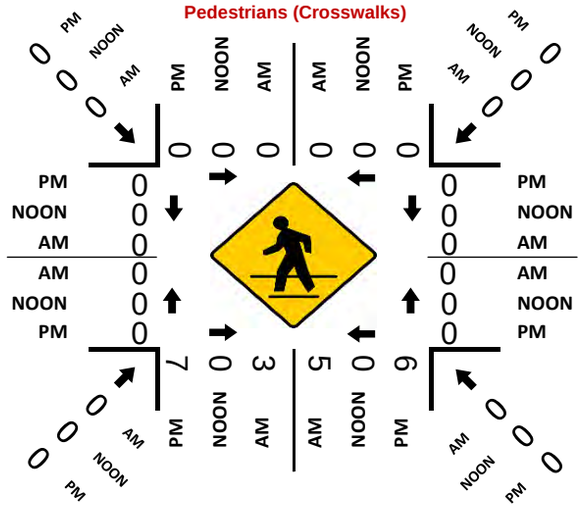
Cars (NOON)



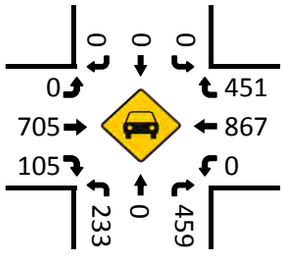
HT (NOON)



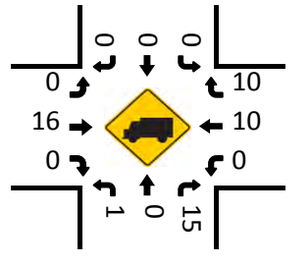
Pedestrians (Crosswalks)



Cars (PM)



HT (PM)



National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49 NB Ramps & Brunswick Rd
City: Grass Valley
Control: Signalized

Project ID: 19-07290-009
Date: 8/28/2019

Total

NS/EW Streets:	SR 49 NB Ramps				SR 49 NB Ramps				Brunswick Rd				Brunswick Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	22	0	38	0	0	0	0	0	0	38	6	0	0	45	26	0	175
6:45 AM	33	0	64	0	0	0	0	0	0	62	3	0	0	66	50	0	278
7:00 AM	28	0	48	0	0	0	0	0	0	54	6	0	0	71	34	0	241
7:15 AM	31	0	62	0	0	0	0	0	0	68	10	0	0	64	29	0	264
7:30 AM	36	0	77	0	0	0	0	0	0	72	9	0	0	125	42	0	361
7:45 AM	44	0	111	0	0	0	0	0	0	92	11	0	0	122	68	0	448
8:00 AM	60	0	90	0	0	0	0	0	0	118	17	0	0	118	59	0	462
8:15 AM	64	0	115	0	0	0	0	0	0	132	25	0	0	138	63	0	537
8:30 AM	55	0	99	0	0	0	0	0	0	127	19	0	0	138	54	0	492
8:45 AM	73	0	111	0	0	0	0	0	0	164	19	0	0	137	54	0	558
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	446	0	815	0	0	0	0	0	0	927	125	0	0	1024	479	0	3816
APPROACH %'s :	35.37%	0.00%	64.63%	0.00%					0.00%	88.12%	11.88%	0.00%	0.00%	68.13%	31.87%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	252	0	415	0	0	0	0	0	0	541	80	0	0	531	230	0	2049
PEAK HR FACTOR :	0.863	0.000	0.902	0.000	0.000	0.000	0.000	0.000	0.000	0.825	0.800	0.000	0.000	0.962	0.913	0.000	0.918
	0.906								0.848				0.947				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	64	0	127	0	0	0	0	0	0	172	25	0	0	206	92	0	686
3:45 PM	51	0	139	0	0	0	0	0	0	152	30	0	0	211	121	0	704
4:00 PM	74	0	117	0	0	0	0	0	0	204	23	0	0	216	110	0	744
4:15 PM	51	0	97	0	0	0	0	0	0	195	25	0	0	237	112	0	717
4:30 PM	58	0	121	0	0	0	0	0	0	170	27	0	0	213	118	0	707
4:45 PM	59	0	98	0	0	0	0	0	0	172	30	0	0	213	86	0	658
5:00 PM	47	0	92	0	0	0	0	0	0	202	50	0	0	256	98	0	745
5:15 PM	57	0	109	0	0	0	0	0	0	157	19	0	0	220	92	0	654
5:30 PM	44	0	90	0	0	0	0	0	0	135	26	0	0	182	85	0	562
5:45 PM	37	0	97	0	0	0	0	0	0	124	18	0	0	185	74	0	535
6:00 PM	42	0	61	0	0	0	0	0	0	134	24	0	0	149	65	0	475
6:15 PM	34	0	70	0	0	0	0	0	0	124	26	0	0	127	66	0	447
6:30 PM	34	0	49	0	0	0	0	0	0	101	20	0	0	110	59	0	373
6:45 PM	44	0	54	0	0	0	0	0	0	101	19	0	0	95	57	0	370
7:00 PM	37	0	49	0	0	0	0	0	0	109	16	0	0	118	45	0	374
7:15 PM	29	0	45	0	0	0	0	0	0	92	14	0	0	91	41	0	312
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	762	0	1415	0	0	0	0	0	0	2344	392	0	0	2829	1321	0	9063
APPROACH %'s :	35.00%	0.00%	65.00%	0.00%					0.00%	85.67%	14.33%	0.00%	0.00%	68.17%	31.83%	0.00%	
PEAK HR :	03:45 PM - 04:45 PM																TOTAL
PEAK HR VOL :	234	0	474	0	0	0	0	0	0	721	105	0	0	877	461	0	2872
PEAK HR FACTOR :	0.791	0.000	0.853	0.000	0.000	0.000	0.000	0.000	0.000	0.884	0.875	0.000	0.000	0.925	0.952	0.000	0.965
	0.927								0.910				0.958				

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49 NB Ramps & Brunswick Rd
City: Grass Valley
Control: Signalized

Project ID: 19-07290-009
Date: 8/28/2019

Cars

NS/EW Streets:	SR 49 NB Ramps				SR 49 NB Ramps				Brunswick Rd				Brunswick Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	20	0	36	0	0	0	0	0	0	38	6	0	0	42	24	0	166
6:45 AM	32	0	63	0	0	0	0	0	0	60	3	0	0	59	48	0	265
7:00 AM	28	0	45	0	0	0	0	0	0	50	6	0	0	66	33	0	228
7:15 AM	30	0	62	0	0	0	0	0	0	67	10	0	0	61	28	0	258
7:30 AM	34	0	75	0	0	0	0	0	0	69	9	0	0	119	42	0	348
7:45 AM	42	0	108	0	0	0	0	0	0	92	10	0	0	120	62	0	434
8:00 AM	60	0	88	0	0	0	0	0	0	112	17	0	0	114	57	0	448
8:15 AM	62	0	108	0	0	0	0	0	0	128	23	0	0	134	61	0	516
8:30 AM	54	0	97	0	0	0	0	0	0	126	19	0	0	132	50	0	478
8:45 AM	72	0	110	0	0	0	0	0	0	163	17	0	0	136	53	0	551
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	434	0	792	0	0	0	0	0	0	905	120	0	0	983	458	0	3692
APPROACH %'s :	35.40%	0.00%	64.60%	0.00%					0.00%	88.29%	11.71%	0.00%	0.00%	68.22%	31.78%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	248	0	403	0	0	0	0	0	0	529	76	0	0	516	221	0	1993
PEAK HR FACTOR :	0.86	0.000	0.916	0.000	0.000	0.000	0.000	0.000	0.000	0.811	0.826	0.000	0.000	0.949	0.906	0.000	0.904
	0.894								0.840				0.945				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	63	0	124	0	0	0	0	0	0	170	25	0	0	202	92	0	676
3:45 PM	51	0	135	0	0	0	0	0	0	150	30	0	0	209	119	0	694
4:00 PM	73	0	110	0	0	0	0	0	0	197	23	0	0	214	109	0	726
4:15 PM	51	0	96	0	0	0	0	0	0	191	25	0	0	234	111	0	708
4:30 PM	58	0	118	0	0	0	0	0	0	167	27	0	0	210	112	0	692
4:45 PM	59	0	97	0	0	0	0	0	0	170	30	0	0	213	86	0	655
5:00 PM	47	0	91	0	0	0	0	0	0	200	50	0	0	256	96	0	740
5:15 PM	56	0	109	0	0	0	0	0	0	155	19	0	0	217	92	0	648
5:30 PM	44	0	90	0	0	0	0	0	0	134	26	0	0	181	83	0	558
5:45 PM	37	0	97	0	0	0	0	0	0	121	18	0	0	184	72	0	529
6:00 PM	42	0	61	0	0	0	0	0	0	130	24	0	0	149	65	0	471
6:15 PM	34	0	70	0	0	0	0	0	0	123	26	0	0	127	66	0	446
6:30 PM	32	0	49	0	0	0	0	0	0	100	20	0	0	109	59	0	369
6:45 PM	44	0	51	0	0	0	0	0	0	98	19	0	0	95	56	0	363
7:00 PM	36	0	48	0	0	0	0	0	0	103	16	0	0	118	42	0	363
7:15 PM	29	0	43	0	0	0	0	0	0	91	14	0	0	91	41	0	309
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	756	0	1389	0	0	0	0	0	0	2300	392	0	0	2809	1301	0	8947
APPROACH %'s :	35.24%	0.00%	64.76%	0.00%					0.00%	85.44%	14.56%	0.00%	0.00%	68.35%	31.65%	0.00%	
PEAK HR :	03:45 PM - 04:45 PM																TOTAL
PEAK HR VOL :	233	0	459	0	0	0	0	0	0	705	105	0	0	867	451	0	2820
PEAK HR FACTOR :	0.80	0.000	0.850	0.000	0.000	0.000	0.000	0.000	0.000	0.895	0.875	0.000	0.000	0.926	0.947	0.000	0.971
	0.930								0.920				0.955				

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49 NB Ramps & Brunswick Rd
City: Grass Valley
Control: Signalized

Project ID: 19-07290-009
Date: 8/28/2019

HT

NS/EW Streets:	SR 49 NB Ramps				SR 49 NB Ramps				Brunswick Rd				Brunswick Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	2	0	2	0	0	0	0	0	0	0	0	0	0	3	2	0	9
6:45 AM	1	0	1	0	0	0	0	0	0	2	0	0	0	7	2	0	13
7:00 AM	0	0	3	0	0	0	0	0	0	4	0	0	0	5	1	0	13
7:15 AM	1	0	0	0	0	0	0	0	0	1	0	0	0	3	1	0	6
7:30 AM	2	0	2	0	0	0	0	0	0	3	0	0	0	6	0	0	13
7:45 AM	2	0	3	0	0	0	0	0	0	0	1	0	0	2	6	0	14
8:00 AM	0	0	2	0	0	0	0	0	0	6	0	0	0	4	2	0	14
8:15 AM	2	0	7	0	0	0	0	0	0	4	2	0	0	4	2	0	21
8:30 AM	1	0	2	0	0	0	0	0	0	1	0	0	0	6	4	0	14
8:45 AM	1	0	1	0	0	0	0	0	0	1	2	0	0	1	1	0	7
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	12	0	23	0	0	0	0	0	0	22	5	0	0	41	21	0	124
APPROACH %'s :	34.29%	0.00%	65.71%	0.00%					0.00%	81.48%	18.52%	0.00%	0.00%	66.13%	33.87%	0.00%	
PEAK HR :	**08:00 AM - 09:00 AM**																TOTAL
PEAK HR VOL :	4	0	12	0	0	0	0	0	0	12	4	0	0	15	9	0	56
PEAK HR FACTOR :	0.500	0.000	0.429	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.000	0.625	0.563	0.000	0.667
	0.444								0.667				0.600				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	1	0	3	0	0	0	0	0	0	2	0	0	0	4	0	0	10
3:45 PM	0	0	4	0	0	0	0	0	0	2	0	0	0	2	2	0	10
4:00 PM	1	0	7	0	0	0	0	0	0	7	0	0	0	2	1	0	18
4:15 PM	0	0	1	0	0	0	0	0	0	4	0	0	0	3	1	0	9
4:30 PM	0	0	3	0	0	0	0	0	0	3	0	0	0	3	6	0	15
4:45 PM	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	3
5:00 PM	0	0	1	0	0	0	0	0	0	2	0	0	0	0	2	0	5
5:15 PM	1	0	0	0	0	0	0	0	0	2	0	0	0	3	0	0	6
5:30 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	0	4
5:45 PM	0	0	0	0	0	0	0	0	0	3	0	0	0	1	2	0	6
6:00 PM	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4
6:15 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
6:30 PM	2	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	4
6:45 PM	0	0	3	0	0	0	0	0	0	3	0	0	0	0	1	0	7
7:00 PM	1	0	1	0	0	0	0	0	0	6	0	0	0	0	3	0	11
7:15 PM	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0	0	3
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	6	0	26	0	0	0	0	0	0	44	0	0	0	20	20	0	116
APPROACH %'s :	18.75%	0.00%	81.25%	0.00%					0.00%	100.00%	0.00%	0.00%	0.00%	50.00%	50.00%	0.00%	
PEAK HR :	**03:45 PM - 04:45 PM**																TOTAL
PEAK HR VOL :	1	0	15	0	0	0	0	0	0	16	0	0	0	10	10	0	52
PEAK HR FACTOR :	0.25	0.000	0.536	0.000	0.000	0.000	0.000	0.000	0.000	0.571	0.000	0.000	0.000	0.833	0.417	0.000	0.722
	0.500								0.571				0.556				

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49 NB Ramps & Brunswick Rd
City: Grass Valley
Control: Signalized

Project ID: 19-07290-009
Date: 8/28/2019

Bikes

NS/EW Streets:	SR 49 NB Ramps				SR 49 NB Ramps				Brunswick Rd				Brunswick Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	0	3	0	0	0	0	1	0	4
APPROACH %'s :									0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.250	0.000	0.250
										0.250				0.250			

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
6:30 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
6:45 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	0	3	0	0	0	4	1	0	8
APPROACH %'s :									0.00%	100.00%	0.00%	0.00%	0.00%	80.00%	20.00%	0.00%	
PEAK HR :	03:45 PM - 04:45 PM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49 NB Ramps & Brunswick Rd
City: Grass Valley
Project ID: 19-07290-009
Date: 8/28/2019

Pedestrians (Crosswalks)

NS/EW Streets:	SR 49 NB Ramps		SR 49 NB Ramps		Brunswick Rd		Brunswick Rd		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	2	0	0	0	0	2
7:00 AM	0	0	0	3	0	0	0	0	3
7:15 AM	0	0	1	0	0	0	0	0	1
7:30 AM	0	0	0	2	0	0	0	0	2
7:45 AM	0	0	1	1	0	0	0	0	2
8:00 AM	0	0	0	1	0	0	0	0	1
8:15 AM	0	0	2	1	0	0	0	0	3
8:30 AM	0	0	1	1	0	0	0	0	2
8:45 AM	0	0	0	2	0	0	0	0	2
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	5	13	0	0	0	0	18
APPROACH %'s :			27.78%	72.22%					
PEAK HR :	**08:00 AM - 09:00 AM**								TOTAL
PEAK HR VOL :	0	0	3	5	0	0	0	0	8
PEAK HR FACTOR :			0.375	0.625					0.667
			0.667						

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
3:30 PM	0	0	3	0	0	0	0	0	3
3:45 PM	0	0	1	2	0	0	0	0	3
4:00 PM	0	0	4	0	0	0	0	0	4
4:15 PM	0	0	0	4	0	0	0	0	4
4:30 PM	0	0	2	0	0	0	0	0	2
4:45 PM	0	0	3	1	0	0	0	0	4
5:00 PM	0	0	0	1	0	0	0	0	1
5:15 PM	0	0	2	2	0	0	1	0	5
5:30 PM	0	0	2	0	0	0	0	0	2
5:45 PM	0	0	0	2	0	0	0	0	2
6:00 PM	0	0	0	1	0	0	0	0	1
6:15 PM	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	2	0	0	0	0	2
7:15 PM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	17	15	0	0	1	0	33
APPROACH %'s :			53.13%	46.88%			100.00%	0.00%	
PEAK HR :	**03:45 PM - 04:45 PM**								TOTAL
PEAK HR VOL :	0	0	7	6	0	0	0	0	13
PEAK HR FACTOR :			0.438	0.375					0.813
			0.813						

Prepared by National Data & Surveying Services

Sutton Way & Brunswick Rd

Peak Hour Turning Movement Count

ID: 19-07290-010
City: Grass Valley

Day: Wednesday
Date: 08/28/2019

PEAK HOURS

AM	08:00 AM - 09:00 AM
NOON	NONE
PM	03:45 PM - 04:45 PM

COUNT PERIODS

AM	06:30 AM - 09:00 AM
NOON	NONE
PM	03:30 PM - 07:30 PM

SOUTHBOUND — Sutton Way

AM	150	45	47	0	276	AM
NOON	0	0	0	0	0	NOON
PM	322	73	92	0	378	PM

EASTBOUND — Brunswick Rd

AM	NOON	PM		
765	0	1346	⇦	
0	0	0	↶	0
195	0	257	↱	0
489	0	525	→	0
273	0	427	↴	0
AM	NOON	PM		

WESTBOUND — Brunswick Rd

PM	NOON	AM		
33	0	28	↰	0
566	0	453	←	0
129	0	93	↰	0
16	0	5	↶	0
751	0	582	⇨	
PM	NOON	AM		

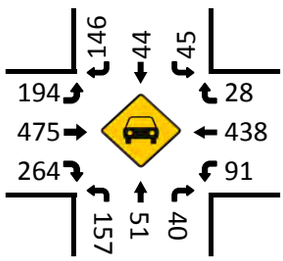
CONTROL: Signalized

TEV	2034 AM	0 NOON	3104 PM
PHF	0.92		0.98

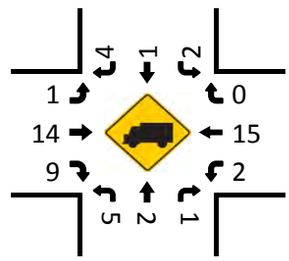
NORTHBOUND — Sutton Way

PM	629	0	458	88	118	PM
NOON	0	0	0	0	0	NOON
AM	411	0	162	53	41	AM

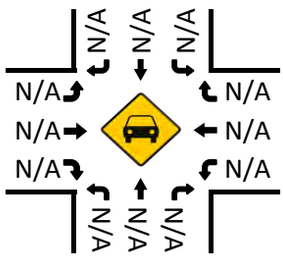
Cars (AM)



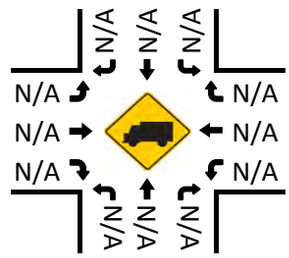
HT (AM)



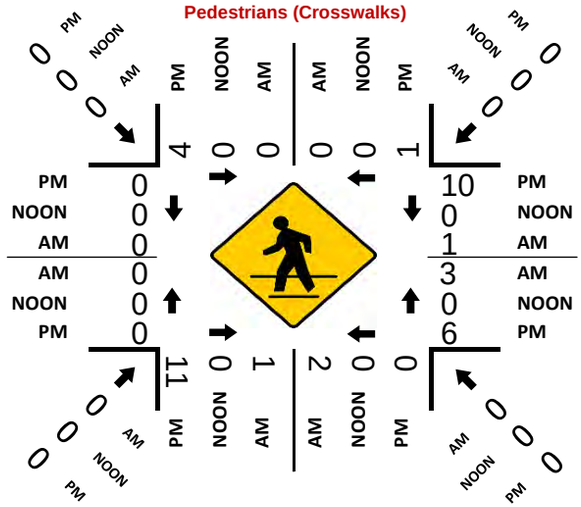
Cars (NOON)



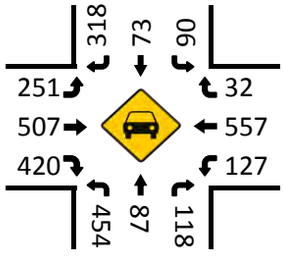
HT (NOON)



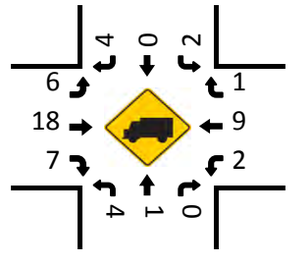
Pedestrians (Crosswalks)



Cars (PM)



HT (PM)



Sutton Way

National Data & Surveying Services

Intersection Turning Movement Count

Location: Sutton Way & Brunswick Rd
City: Grass Valley
Control: Signalized

Project ID: 19-07290-010
Date: 8/28/2019

Total

NS/EW Streets:	Sutton Way				Sutton Way				Brunswick Rd				Brunswick Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	9	2	6	0	0	0	20	0	13	51	9	0	6	40	0	1	157
6:45 AM	17	3	1	0	6	3	24	0	26	80	19	0	6	75	3	1	264
7:00 AM	13	4	6	0	2	2	19	0	18	67	16	0	6	71	2	1	227
7:15 AM	15	3	7	0	7	1	14	0	28	85	23	0	7	65	3	2	260
7:30 AM	25	2	11	0	6	6	38	0	29	83	33	0	9	104	6	7	359
7:45 AM	40	6	12	0	9	7	30	0	41	121	38	0	12	118	9	2	445
8:00 AM	30	7	5	0	11	6	30	0	49	106	57	0	27	121	4	2	455
8:15 AM	42	15	11	0	11	18	43	0	50	128	71	0	19	115	5	2	530
8:30 AM	44	12	15	0	12	11	32	0	46	121	57	0	22	114	10	0	496
8:45 AM	46	19	10	0	13	10	45	0	50	134	88	0	25	103	9	1	553
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	281	73	84	0	77	64	295	0	350	976	411	0	139	926	51	19	3746
APPROACH %'s :	64.16%	16.67%	19.18%	0.00%	17.66%	14.68%	67.66%	0.00%	20.15%	56.19%	23.66%	0.00%	12.25%	81.59%	4.49%	1.67%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	162	53	41	0	47	45	150	0	195	489	273	0	93	453	28	5	2034
PEAK HR FACTOR :	0.880	0.697	0.683	0.000	0.904	0.625	0.833	0.000	0.975	0.912	0.776	0.000	0.861	0.936	0.700	0.625	0.920
	0.853				0.840				0.880				0.940				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	115	35	28	0	16	13	60	0	75	124	105	0	28	132	6	2	739
3:45 PM	111	28	19	0	20	16	77	0	54	134	104	0	30	134	9	3	739
4:00 PM	134	18	33	0	28	17	76	0	58	140	117	0	25	134	8	6	794
4:15 PM	90	20	39	0	21	19	82	0	76	136	90	0	38	156	13	5	785
4:30 PM	123	22	27	0	23	21	87	0	69	115	116	0	36	142	3	2	786
4:45 PM	109	11	33	0	21	10	67	0	76	107	87	0	39	134	7	3	704
5:00 PM	117	21	27	0	16	13	75	0	60	124	96	0	22	152	1	3	727
5:15 PM	101	18	28	0	16	19	55	0	55	121	97	0	31	149	4	3	697
5:30 PM	95	11	30	0	13	14	62	0	47	110	74	0	28	109	3	2	598
5:45 PM	95	16	33	0	11	10	59	0	41	96	85	0	14	104	2	3	569
6:00 PM	81	9	24	0	16	7	46	0	36	95	67	0	30	86	3	2	502
6:15 PM	68	16	27	0	5	13	39	0	39	87	67	0	14	88	2	3	468
6:30 PM	67	17	28	0	9	9	35	0	27	70	53	0	20	68	3	1	407
6:45 PM	51	10	21	0	12	9	39	0	20	74	64	0	15	63	4	0	382
7:00 PM	67	10	20	0	4	8	34	0	27	59	62	0	17	57	0	3	368
7:15 PM	47	12	20	0	4	8	31	0	22	64	49	0	14	53	1	0	325
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	1471	274	437	0	235	206	924	0	782	1656	1333	0	401	1761	69	41	9590
APPROACH %'s :	67.42%	12.56%	20.03%	0.00%	17.22%	15.09%	67.69%	0.00%	20.74%	43.91%	35.35%	0.00%	17.65%	77.51%	3.04%	1.80%	
PEAK HR :	03:45 PM - 04:45 PM																TOTAL
PEAK HR VOL :	458	88	118	0	92	73	322	0	257	525	427	0	129	566	33	16	3104
PEAK HR FACTOR :	0.854	0.786	0.756	0.000	0.821	0.869	0.925	0.000	0.845	0.938	0.912	0.000	0.849	0.907	0.635	0.667	0.977
	0.897				0.929				0.960				0.877				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Sutton Way & Brunswick Rd
City: Grass Valley
Control: Signalized

Project ID: 19-07290-010
Date: 8/28/2019

Cars

NS/EW Streets:	Sutton Way				Sutton Way				Brunswick Rd				Brunswick Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	9	2	6	0	0	0	17	0	11	51	9	0	6	38	0	1	150
6:45 AM	17	2	1	0	5	3	24	0	25	79	18	0	6	66	3	1	250
7:00 AM	12	4	6	0	2	1	17	0	17	62	15	0	6	68	0	1	211
7:15 AM	15	3	7	0	6	1	12	0	28	84	23	0	7	63	3	2	254
7:30 AM	25	2	11	0	6	6	35	0	28	80	32	0	9	101	6	7	348
7:45 AM	39	5	12	0	8	7	28	0	41	119	37	0	10	113	8	2	429
8:00 AM	29	7	4	0	11	6	29	0	48	102	54	0	25	117	4	2	438
8:15 AM	41	15	11	0	11	17	43	0	50	120	68	0	19	110	5	2	512
8:30 AM	42	11	15	0	11	11	30	0	46	119	56	0	22	109	10	0	482
8:45 AM	45	18	10	0	12	10	44	0	50	134	86	0	25	102	9	1	546
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	274	69	83	0	72	62	279	0	344	950	398	0	135	887	48	19	3620
APPROACH %'s :	64.32%	16.20%	19.48%	0.00%	17.43%	15.01%	67.55%	0.00%	20.33%	56.15%	23.52%	0.00%	12.40%	81.45%	4.41%	1.74%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	157	51	40	0	45	44	146	0	194	475	264	0	91	438	28	5	1978
PEAK HR FACTOR :	0.87	0.708	0.667	0.000	0.938	0.647	0.830	0.000	0.970	0.886	0.767	0.000	0.910	0.936	0.700	0.625	0.906
		0.849				0.827				0.864				0.949			

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	112	35	28	0	16	13	60	0	73	120	104	0	26	129	6	2	724
3:45 PM	111	27	19	0	19	16	76	0	54	126	102	0	30	131	8	3	722
4:00 PM	134	18	33	0	27	17	76	0	57	134	115	0	25	132	8	6	782
4:15 PM	90	20	39	0	21	19	79	0	72	133	88	0	37	156	13	5	772
4:30 PM	119	22	27	0	23	21	87	0	68	114	115	0	35	138	3	2	774
4:45 PM	109	10	33	0	21	10	67	0	75	106	85	0	38	134	7	3	698
5:00 PM	116	21	27	0	15	13	75	0	60	122	95	0	22	150	1	3	720
5:15 PM	100	18	28	0	16	18	55	0	54	120	97	0	31	146	4	3	690
5:30 PM	95	11	30	0	13	14	62	0	47	109	73	0	28	106	3	2	593
5:45 PM	95	15	33	0	10	10	59	0	40	96	85	0	14	103	2	3	565
6:00 PM	81	9	24	0	16	7	46	0	36	93	65	0	30	86	3	2	498
6:15 PM	68	16	27	0	5	13	38	0	39	87	66	0	14	88	2	3	466
6:30 PM	67	17	28	0	9	9	34	0	27	69	53	0	20	68	3	1	405
6:45 PM	51	9	21	0	11	9	39	0	19	73	62	0	15	63	4	0	376
7:00 PM	65	10	20	0	4	8	34	0	25	55	60	0	17	56	0	3	357
7:15 PM	47	12	20	0	4	7	31	0	22	61	49	0	14	53	1	0	321
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	1460	270	437	0	230	204	918	0	768	1618	1314	0	396	1739	68	41	9463
APPROACH %'s :	67.37%	12.46%	20.17%	0.00%	17.01%	15.09%	67.90%	0.00%	20.76%	43.73%	35.51%	0.00%	17.65%	77.50%	3.03%	1.83%	
PEAK HR :	03:45 PM - 04:45 PM																TOTAL
PEAK HR VOL :	454	87	118	0	90	73	318	0	251	507	420	0	127	557	32	16	3050
PEAK HR FACTOR :	0.85	0.806	0.756	0.000	0.833	0.869	0.914	0.000	0.872	0.946	0.913	0.000	0.858	0.893	0.615	0.667	0.975
		0.891				0.918				0.962				0.867			

National Data & Surveying Services

Intersection Turning Movement Count

Location: Sutton Way & Brunswick Rd
City: Grass Valley
Control: Signalized

Project ID: 19-07290-010
Date: 8/28/2019

HT

NS/EW Streets:	Sutton Way				Sutton Way				Brunswick Rd				Brunswick Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	3	0	2	0	0	0	0	2	0	0	7
6:45 AM	0	1	0	0	1	0	0	0	1	1	1	0	0	9	0	0	14
7:00 AM	1	0	0	0	0	1	2	0	1	5	1	0	0	3	2	0	16
7:15 AM	0	0	0	0	1	0	2	0	0	1	0	0	0	2	0	0	6
7:30 AM	0	0	0	0	0	0	3	0	1	3	1	0	0	3	0	0	11
7:45 AM	1	1	0	0	1	0	2	0	0	2	1	0	2	5	1	0	16
8:00 AM	1	0	1	0	0	0	1	0	1	4	3	0	2	4	0	0	17
8:15 AM	1	0	0	0	0	1	0	0	0	8	3	0	0	5	0	0	18
8:30 AM	2	1	0	0	1	0	2	0	0	2	1	0	0	5	0	0	14
8:45 AM	1	1	0	0	1	0	1	0	0	0	2	0	0	1	0	0	7
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	7	4	1	0	5	2	16	0	6	26	13	0	4	39	3	0	126
APPROACH %'s :	58.33%	33.33%	8.33%	0.00%	21.74%	8.70%	69.57%	0.00%	13.33%	57.78%	28.89%	0.00%	8.70%	84.78%	6.52%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	5	2	1	0	2	1	4	0	1	14	9	0	2	15	0	0	56
PEAK HR FACTOR :	0.625	0.500	0.250	0.000	0.500	0.250	0.500	0.000	0.250	0.438	0.750	0.000	0.250	0.750	0.000	0.000	0.778
	0.667				0.583				0.545				0.708				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	3	0	0	0	0	0	0	0	2	4	1	0	2	3	0	0	15
3:45 PM	0	1	0	0	1	0	1	0	0	8	2	0	0	3	1	0	17
4:00 PM	0	0	0	0	1	0	0	0	1	6	2	0	0	2	0	0	12
4:15 PM	0	0	0	0	0	0	3	0	4	3	2	0	1	0	0	0	13
4:30 PM	4	0	0	0	0	0	0	0	1	1	1	0	1	4	0	0	12
4:45 PM	0	1	0	0	0	0	0	0	1	1	2	0	1	0	0	0	6
5:00 PM	1	0	0	0	1	0	0	0	0	2	1	0	0	2	0	0	7
5:15 PM	1	0	0	0	0	1	0	0	1	1	0	0	0	3	0	0	7
5:30 PM	0	0	0	0	0	0	0	0	0	1	1	0	0	3	0	0	5
5:45 PM	0	1	0	0	1	0	0	0	1	0	0	0	0	1	0	0	4
6:00 PM	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	4
6:15 PM	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2
6:30 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
6:45 PM	0	1	0	0	1	0	0	0	1	1	2	0	0	0	0	0	6
7:00 PM	2	0	0	0	0	0	0	0	2	4	2	0	0	1	0	0	11
7:15 PM	0	0	0	0	0	1	0	0	0	3	0	0	0	0	0	0	4
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	11	4	0	0	5	2	6	0	14	38	19	0	5	22	1	0	127
APPROACH %'s :	73.33%	26.67%	0.00%	0.00%	38.46%	15.38%	46.15%	0.00%	19.72%	53.52%	26.76%	0.00%	17.86%	78.57%	3.57%	0.00%	
PEAK HR :	03:45 PM - 04:45 PM																TOTAL
PEAK HR VOL :	4	1	0	0	2	0	4	0	6	18	7	0	2	9	1	0	54
PEAK HR FACTOR :	0.25	0.250	0.000	0.000	0.500	0.000	0.333	0.000	0.375	0.563	0.875	0.000	0.500	0.563	0.250	0.000	0.794
	0.313				0.500				0.775				0.600				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Sutton Way & Brunswick Rd
City: Grass Valley
Control: Signalized

Project ID: 19-07290-010
Date: 8/28/2019

Bikes

NS/EW Streets:	Sutton Way				Sutton Way				Brunswick Rd				Brunswick Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
7:30 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	3
APPROACH %'s :					0.00%	100.00%	0.00%	0.00%	0.00%	50.00%	50.00%	0.00%					
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6:15 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
7:00 PM	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	3
7:15 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	1	3	1	0	0	0	4	0	0	0	2	0	0	0	0	0	11
APPROACH %'s :	20.00%	60.00%	20.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%					
PEAK HR :	03:45 PM - 04:45 PM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

National Data & Surveying Services

Intersection Turning Movement Count

Location: Sutton Way & Brunswick Rd
City: Grass Valley

Project ID: 19-07290-010
Date: 8/28/2019

Pedestrians (Crosswalks)

NS/EW Streets:	Sutton Way		Sutton Way		Brunswick Rd		Brunswick Rd		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
6:30 AM	0	0	0	1	0	0	0	0	1
6:45 AM	0	0	0	1	0	2	0	0	3
7:00 AM	0	0	0	2	0	4	0	0	6
7:15 AM	0	0	0	0	0	1	0	0	1
7:30 AM	0	0	0	2	2	2	0	0	6
7:45 AM	0	0	1	0	2	1	0	0	4
8:00 AM	0	0	1	0	2	0	0	0	3
8:15 AM	0	0	0	1	1	0	0	0	2
8:30 AM	0	0	0	1	0	1	0	0	2
8:45 AM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	2	8	7	11	0	0	28
APPROACH %'s :			20.00%	80.00%	38.89%	61.11%			
PEAK HR :	**08:00 AM - 09:00 AM**								TOTAL
PEAK HR VOL :	0	0	1	2	3	1	0	0	7
PEAK HR FACTOR :			0.250	0.500	0.375	0.250			0.583
			0.750		0.500				

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
3:30 PM	0	0	0	2	0	2	0	0	4
3:45 PM	3	1	2	0	1	3	0	0	10
4:00 PM	0	0	1	0	2	4	0	0	7
4:15 PM	0	0	2	0	2	2	0	0	6
4:30 PM	1	0	6	0	1	1	0	0	9
4:45 PM	0	0	0	1	2	0	0	0	3
5:00 PM	0	0	0	2	2	2	0	0	6
5:15 PM	0	0	0	2	2	1	0	0	5
5:30 PM	0	0	2	0	3	1	0	0	6
5:45 PM	1	0	0	0	0	1	0	0	2
6:00 PM	1	0	0	0	0	0	0	0	1
6:15 PM	0	0	1	0	1	2	0	0	4
6:30 PM	0	0	4	1	4	1	0	0	10
6:45 PM	0	0	0	0	0	2	0	0	2
7:00 PM	0	0	0	0	1	1	0	0	2
7:15 PM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	6	1	18	8	21	23	0	0	77
APPROACH %'s :	85.71%	14.29%	69.23%	30.77%	47.73%	52.27%			
PEAK HR :	**03:45 PM - 04:45 PM**								TOTAL
PEAK HR VOL :	4	1	11	0	6	10	0	0	32
PEAK HR FACTOR :	0.333	0.250	0.458		0.750	0.625			0.800
	0.313		0.458		0.667				

Prepared by National Data & Surveying Services

Brunswick Rd & Idaho Maryland Rd

Peak Hour Turning Movement Count

ID: 19-07290-011
City: Grass Valley

Day: Wednesday
Date: 08/28/2019

PEAK HOURS

AM: 07:45 AM - 08:45 AM
NOON: NONE
PM: 04:30 PM - 05:30 PM

COUNT PERIODS

AM: 06:30 AM - 09:30 AM
NOON: NONE
PM: 03:30 PM - 07:30 PM

Brunswick Rd — SOUTHBOUND

AM	8	311	37	0	553	AM
NOON	0	0	0	0	0	NOON
PM	14	445	90	0	532	PM

Idaho Maryland Rd — EASTBOUND

AM	NOON	PM	
227	0	253	
0	0	0	0
1	0	0	0
3	0	1	0
154	0	195	0
AM	NOON	PM	

Idaho Maryland Rd — WESTBOUND

PM	NOON	AM	
72	0	103	0
5	0	11	0
18	0	50	0
0	0	0	0
143	0	58	
PM	NOON	AM	

CONTROL

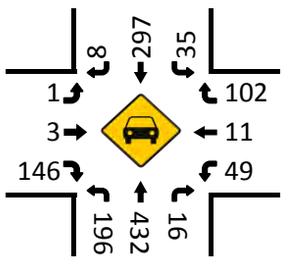
0

TEV	1354 AM	0 NOON	1586 PM
PHF	0.94		0.97

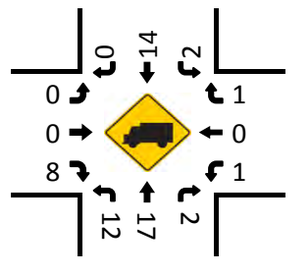
Brunswick Rd — NORTHBOUND

PM	658	0	234	460	52	PM
NOON	0	0	0	0	0	NOON
AM	516	1	208	449	18	AM

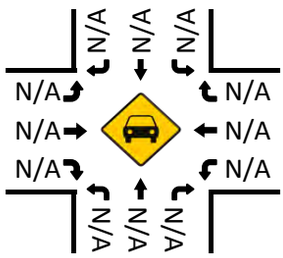
Cars (AM)



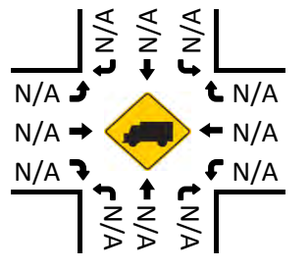
HT (AM)



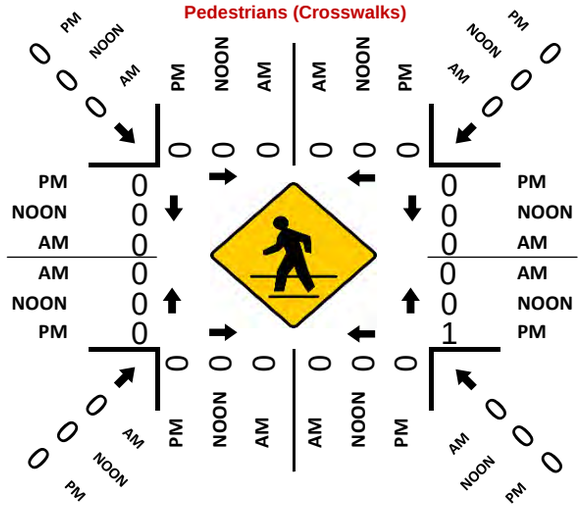
Cars (NOON)



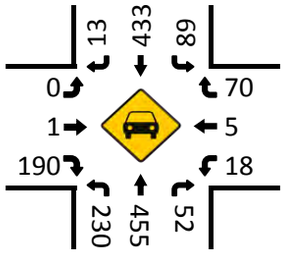
HT (NOON)



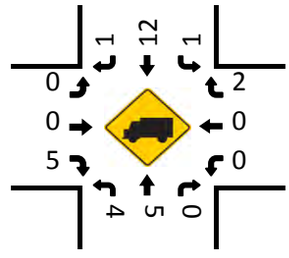
Pedestrians (Crosswalks)



Cars (PM)



HT (PM)



National Data & Surveying Services

Intersection Turning Movement Count

Location: Brunswick Rd & Idaho Maryland Rd
City: Grass Valley
Control:

Project ID: 19-07290-011
Date: 8/28/2019

Total

NS/EW Streets:	Brunswick Rd				Brunswick Rd				Idaho Maryland Rd				Idaho Maryland Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	18	35	1	0	6	35	0	0	0	1	20	0	2	2	10	0	130
6:45 AM	28	65	5	0	4	65	2	0	0	0	36	0	11	1	6	0	223
7:00 AM	22	63	2	0	1	42	0	0	0	2	21	0	14	1	15	0	183
7:15 AM	28	47	2	0	7	55	1	0	0	0	26	0	10	4	22	0	202
7:30 AM	45	102	4	0	5	60	2	0	1	0	24	0	11	0	21	0	275
7:45 AM	59	118	7	1	6	67	2	0	0	1	46	0	10	2	38	0	357
8:00 AM	49	112	3	0	5	70	2	0	1	2	30	0	15	7	29	0	325
8:15 AM	52	120	2	0	10	95	2	0	0	0	44	0	14	2	18	0	359
8:30 AM	48	99	6	0	16	79	2	0	0	0	34	0	11	0	18	0	313
8:45 AM	57	88	4	0	5	89	1	0	0	1	28	0	9	3	24	0	309
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	406	849	36	1	65	657	14	0	2	7	309	0	107	22	201	0	2676
APPROACH %'s :	31.42%	65.71%	2.79%	0.08%	8.83%	89.27%	1.90%	0.00%	0.63%	2.20%	97.17%	0.00%	32.42%	6.67%	60.91%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	208	449	18	1	37	311	8	0	1	3	154	0	50	11	103	0	1354
PEAK HR FACTOR :	0.881	0.935	0.643	0.250	0.578	0.818	1.000	0.000	0.250	0.375	0.837	0.000	0.833	0.393	0.678	0.000	0.943
	0.914				0.832				0.840				0.804				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	60	125	9	0	24	98	5	0	0	0	46	0	4	2	13	0	386
3:45 PM	42	103	15	0	16	97	2	0	0	0	54	0	8	1	15	0	353
4:00 PM	46	120	8	0	21	112	4	0	1	0	40	0	6	0	8	0	366
4:15 PM	33	104	15	0	23	110	2	0	0	1	49	0	4	1	11	0	353
4:30 PM	67	122	9	0	22	112	4	0	0	0	39	0	3	2	19	0	399
4:45 PM	50	117	10	0	28	111	5	0	0	0	66	0	6	1	13	0	407
5:00 PM	59	121	18	0	18	104	4	0	0	1	56	0	3	0	17	0	401
5:15 PM	58	100	15	0	22	118	1	0	0	0	34	0	6	2	23	0	379
5:30 PM	31	70	7	0	29	88	2	0	0	0	46	0	4	2	10	0	289
5:45 PM	33	60	5	0	28	83	2	0	1	0	37	0	5	1	10	0	265
6:00 PM	14	64	9	0	24	88	0	0	0	2	37	0	5	2	12	0	257
6:15 PM	20	63	2	0	27	73	0	0	1	1	24	0	5	4	8	0	228
6:30 PM	10	48	7	0	14	78	0	0	1	0	26	0	7	0	14	0	205
6:45 PM	14	52	9	0	17	64	0	0	0	1	21	0	5	1	5	0	189
7:00 PM	27	52	3	0	21	42	1	0	0	1	23	0	4	0	9	0	183
7:15 PM	13	30	5	0	9	68	0	0	0	0	28	0	3	1	6	0	163
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	577	1351	146	0	343	1446	32	0	4	7	626	0	78	20	193	0	4823
APPROACH %'s :	27.82%	65.14%	7.04%	0.00%	18.84%	79.41%	1.76%	0.00%	0.63%	1.10%	98.27%	0.00%	26.80%	6.87%	66.32%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	234	460	52	0	90	445	14	0	0	1	195	0	18	5	72	0	1586
PEAK HR FACTOR :	0.873	0.943	0.722	0.000	0.804	0.943	0.700	0.000	0.000	0.250	0.739	0.000	0.750	0.625	0.783	0.000	0.974
	0.942				0.953				0.742				0.766				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Brunswick Rd & Idaho Maryland Rd
City: Grass Valley
Control: 0

Project ID: 19-07290-011
Date: 8/28/2019

Cars

NS/EW Streets:	Brunswick Rd				Brunswick Rd				Idaho Maryland Rd				Idaho Maryland Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	17	32	1	0	6	35	0	0	0	1	19	0	2	2	10	0	125
6:45 AM	25	55	5	0	4	64	2	0	0	0	35	0	11	1	6	0	208
7:00 AM	20	54	2	0	1	39	0	0	0	2	20	0	13	0	15	0	166
7:15 AM	28	44	2	0	7	54	1	0	0	0	24	0	10	4	22	0	196
7:30 AM	45	98	3	0	5	56	2	0	1	0	24	0	10	0	21	0	265
7:45 AM	57	113	6	1	5	66	2	0	0	1	44	0	10	2	38	0	345
8:00 AM	45	107	3	0	5	66	2	0	1	2	28	0	14	7	28	0	308
8:15 AM	49	117	2	0	9	88	2	0	0	0	42	0	14	2	18	0	343
8:30 AM	45	95	5	0	16	77	2	0	0	0	32	0	11	0	18	0	301
8:45 AM	55	86	4	0	5	88	1	0	0	1	26	0	9	2	24	0	301
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	386	801	33	1	63	633	14	0	2	7	294	0	104	20	200	0	2558
APPROACH %'s :	31.61%	65.60%	2.70%	0.08%	8.87%	89.15%	1.97%	0.00%	0.66%	2.31%	97.03%	0.00%	32.10%	6.17%	61.73%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	196	432	16	1	35	297	8	0	1	3	146	0	49	11	102	0	1297
PEAK HR FACTOR :	0.86	0.923	0.667	0.250	0.547	0.844	1.000	0.000	0.250	0.375	0.830	0.000	0.875	0.393	0.671	0.000	0.940
		0.911				0.859				0.833				0.810			

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	59	122	9	0	24	94	5	0	0	0	45	0	4	2	12	0	376
3:45 PM	42	99	15	0	16	94	2	0	0	0	54	0	8	1	15	0	346
4:00 PM	46	118	8	0	20	104	4	0	1	0	40	0	5	0	8	0	354
4:15 PM	31	101	15	0	23	105	2	0	0	1	48	0	4	1	11	0	342
4:30 PM	66	121	9	0	22	106	4	0	0	0	38	0	3	2	19	0	390
4:45 PM	49	116	10	0	27	107	4	0	0	0	64	0	6	1	12	0	396
5:00 PM	58	119	18	0	18	103	4	0	0	1	54	0	3	0	17	0	395
5:15 PM	57	99	15	0	22	117	1	0	0	0	34	0	6	2	22	0	375
5:30 PM	31	67	7	0	29	88	2	0	0	0	44	0	4	2	10	0	284
5:45 PM	33	58	5	0	28	81	2	0	1	0	36	0	5	1	10	0	260
6:00 PM	14	64	9	0	24	86	0	0	0	2	35	0	5	2	12	0	253
6:15 PM	19	63	2	0	27	73	0	0	1	1	24	0	5	4	8	0	227
6:30 PM	10	47	7	0	14	78	0	0	1	0	25	0	7	0	14	0	203
6:45 PM	14	51	9	0	17	62	0	0	0	1	21	0	5	1	5	0	186
7:00 PM	27	50	3	0	21	41	1	0	0	1	21	0	4	0	9	0	178
7:15 PM	13	29	5	0	9	66	0	0	0	0	27	0	3	1	6	0	159
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	569	1324	146	0	341	1405	31	0	4	7	610	0	77	20	190	0	4724
APPROACH %'s :	27.91%	64.93%	7.16%	0.00%	19.19%	79.07%	1.74%	0.00%	0.64%	1.13%	98.23%	0.00%	26.83%	6.97%	66.20%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	230	455	52	0	89	433	13	0	0	1	190	0	18	5	70	0	1556
PEAK HR FACTOR :	0.87	0.940	0.722	0.000	0.824	0.925	0.813	0.000	0.000	0.250	0.742	0.000	0.750	0.625	0.795	0.000	0.982
		0.940				0.955				0.746				0.775			

National Data & Surveying Services

Intersection Turning Movement Count

Location: Brunswick Rd & Idaho Maryland Rd
City: Grass Valley
Control: 0

Project ID: 19-07290-011
Date: 8/28/2019

HT

NS/EW Streets:	Brunswick Rd				Brunswick Rd				Idaho Maryland Rd				Idaho Maryland Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	1	3	0	0	0	0	0	0	0	0	1	0	0	0	0	0	5
6:45 AM	3	10	0	0	0	1	0	0	0	0	1	0	0	0	0	0	15
7:00 AM	2	9	0	0	0	3	0	0	0	0	1	0	1	1	0	0	17
7:15 AM	0	3	0	0	0	1	0	0	0	0	2	0	0	0	0	0	6
7:30 AM	0	4	1	0	0	4	0	0	0	0	0	0	1	0	0	0	10
7:45 AM	2	5	1	0	1	1	0	0	0	0	2	0	0	0	0	0	12
8:00 AM	4	5	0	0	0	4	0	0	0	0	2	0	1	0	1	0	17
8:15 AM	3	3	0	0	1	7	0	0	0	0	2	0	0	0	0	0	16
8:30 AM	3	4	1	0	0	2	0	0	0	0	2	0	0	0	0	0	12
8:45 AM	2	2	0	0	0	1	0	0	0	0	2	0	0	1	0	0	8
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	20	48	3	0	2	24	0	0	0	0	15	0	3	2	1	0	118
APPROACH %'s :	28.17%	67.61%	4.23%	0.00%	7.69%	92.31%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	50.00%	33.33%	16.67%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	12	17	2	0	2	14	0	0	0	0	8	0	1	0	1	0	57
PEAK HR FACTOR :	0.750	0.850	0.500	0.000	0.500	0.500	0.000	0.000	0.000	0.000	1.000	0.000	0.250	0.000	0.250	0.000	0.838
		0.861				0.500				1.000				0.250			

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	1	3	0	0	0	4	0	0	0	0	1	0	0	0	1	0	10
3:45 PM	0	4	0	0	0	3	0	0	0	0	0	0	0	0	0	0	7
4:00 PM	0	2	0	0	1	8	0	0	0	0	0	0	1	0	0	0	12
4:15 PM	2	3	0	0	0	5	0	0	0	0	1	0	0	0	0	0	11
4:30 PM	1	1	0	0	0	6	0	0	0	0	1	0	0	0	0	0	9
4:45 PM	1	1	0	0	1	4	1	0	0	0	2	0	0	0	1	0	11
5:00 PM	1	2	0	0	0	1	0	0	0	0	2	0	0	0	0	0	6
5:15 PM	1	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	4
5:30 PM	0	3	0	0	0	0	0	0	0	0	2	0	0	0	0	0	5
5:45 PM	0	2	0	0	0	2	0	0	0	0	1	0	0	0	0	0	5
6:00 PM	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	4
6:15 PM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6:30 PM	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2
6:45 PM	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	3
7:00 PM	0	2	0	0	0	1	0	0	0	0	2	0	0	0	0	0	5
7:15 PM	0	1	0	0	0	2	0	0	0	0	1	0	0	0	0	0	4
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	8	27	0	0	2	41	1	0	0	0	16	0	1	0	3	0	99
APPROACH %'s :	22.86%	77.14%	0.00%	0.00%	4.55%	93.18%	2.27%	0.00%	0.00%	0.00%	100.00%	0.00%	25.00%	0.00%	75.00%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	4	5	0	0	1	12	1	0	0	0	5	0	0	0	2	0	30
PEAK HR FACTOR :	1.00	0.625	0.000	0.000	0.250	0.500	0.250	0.000	0.000	0.000	0.625	0.000	0.000	0.000	0.500	0.000	0.682
		0.750				0.583				0.625				0.500			

National Data & Surveying Services

Intersection Turning Movement Count

Location: Brunswick Rd & Idaho Maryland Rd
City: Grass Valley
Control: 0

Project ID: 19-07290-011
Date: 8/28/2019

Bikes

NS/EW Streets:	Brunswick Rd				Brunswick Rd				Idaho Maryland Rd				Idaho Maryland Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	1	0	0	0	0	0	0	1	1	0	0	1	1	0	0	5
APPROACH %'s :	0.00%	100.00%	0.00%	0.00%					50.00%	50.00%	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	0	1	0	0	0	0	0	0	1	1	0	0	1	0	0	0	4
PEAK HR FACTOR :	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.250	0.000	0.000	0.250	0.000	0.000	0.000	0.500
		0.250								0.250				0.250			

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5:00 PM	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	3
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	1	2	1	1	0	0	0	0	0	0	1	0	0	0	0	0	6
APPROACH %'s :	20.00%	40.00%	20.00%	20.00%					0.00%	0.00%	100.00%	0.00%					
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	0	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	4
PEAK HR FACTOR :	0.00	0.250	0.250	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.333
		0.375									0.250						

National Data & Surveying Services

Intersection Turning Movement Count

Location: Brunswick Rd & Idaho Maryland Rd
City: Grass Valley

Project ID: 19-07290-011
Date: 8/28/2019

Pedestrians (Crosswalks)

NS/EW Streets:	Brunswick Rd		Brunswick Rd		Idaho Maryland Rd		Idaho Maryland Rd		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	0
APPROACH %'s :									
PEAK HR :	07:45 AM - 08:45 AM								TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :									

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	1	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	0	0	1	0	0	0	1
APPROACH %'s :					100.00%	0.00%			
PEAK HR :	04:30 PM - 05:30 PM								TOTAL
PEAK HR VOL :	0	0	0	0	1	0	0	0	1
PEAK HR FACTOR :					0.250				0.250
					0.250				

Prepared by National Data & Surveying Services

Brunswick Rd & Whispering Pines Ln

Peak Hour Turning Movement Count

ID: 19-07290-012
City: Grass Valley

Day: Wednesday
Date: 08/28/2019

PEAK HOURS

AM: 07:45 AM - 08:45 AM
NOON: NONE
PM: 04:30 PM - 05:30 PM

COUNT PERIODS

AM: 06:30 AM - 09:00 AM
NOON: NONE
PM: 03:30 PM - 07:30 PM

Brunswick Rd — SOUTHBOUND

AM	86	426	0	1	679	AM
NOON	0	0	0	0	0	NOON
PM	40	618	0	0	743	PM

Whispering Pines Ln — EASTBOUND

AM	NOON	PM	
149	0	63	
0	0	0	0
21	0	85	0
0	0	0	0
44	0	53	0
AM	NOON	PM	

Whispering Pines Ln — WESTBOUND

PM	NOON	AM	
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	
PM	NOON	AM	

CONTROL

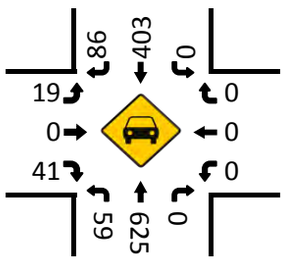
1 Way Stop Sign - EB

TEV	1299 AM	0 NOON	1477 PM
PHF	0.90		0.95

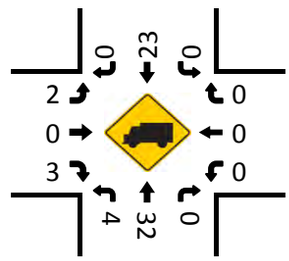
Brunswick Rd — NORTHBOUND

PM	671	0	23	658	0	PM
NOON	0	0	0	0	0	NOON
AM	471	1	63	657	0	AM

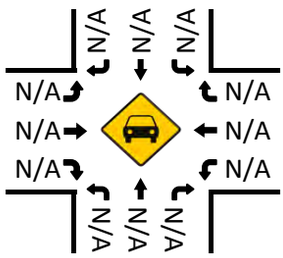
Cars (AM)



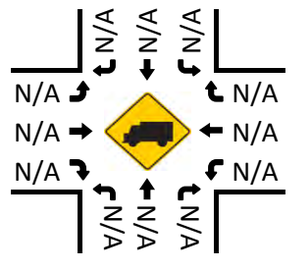
HT (AM)



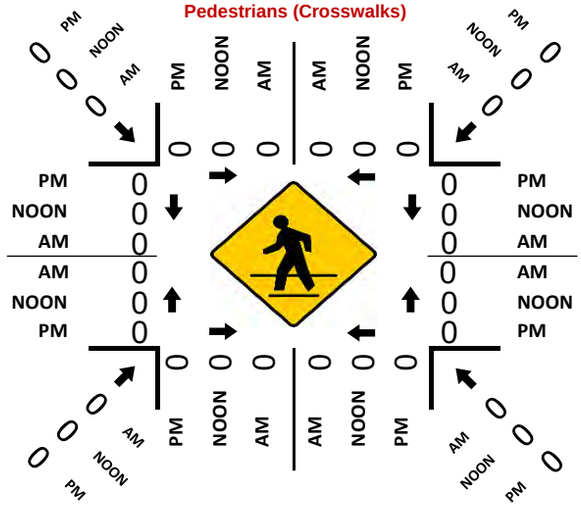
Cars (NOON)



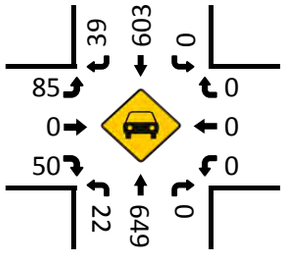
HT (NOON)



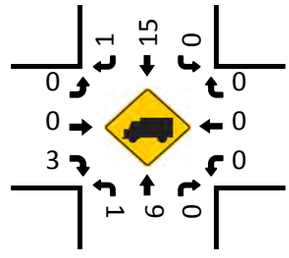
Pedestrians (Crosswalks)



Cars (PM)



HT (PM)



National Data & Surveying Services

Intersection Turning Movement Count

Location: Brunswick Rd & Whispering Pines Ln
City: Grass Valley
Control: 1 Way Stop Sign - EB

Project ID: 19-07290-012
Date: 8/28/2019

Total

NS/EW Streets:	Brunswick Rd				Brunswick Rd				Whispering Pines Ln				Whispering Pines Ln				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	5	53	0	1	0	50	3	0	0	0	2	0	0	0	0	0	114
6:45 AM	13	91	0	0	0	98	15	0	4	0	13	0	0	0	0	0	234
7:00 AM	7	81	0	0	0	69	10	0	6	0	7	0	0	0	0	0	180
7:15 AM	7	77	0	1	0	73	15	0	3	0	6	0	0	0	0	0	182
7:30 AM	14	149	0	0	0	81	15	0	0	0	8	0	0	0	0	0	267
7:45 AM	10	183	0	0	0	101	21	1	5	0	5	0	0	0	0	0	326
8:00 AM	18	159	0	0	0	100	12	0	3	0	13	0	0	0	0	0	305
8:15 AM	19	172	0	0	0	118	32	0	5	0	14	0	0	0	0	0	360
8:30 AM	16	143	0	1	0	107	21	0	8	0	12	0	0	0	0	0	308
8:45 AM	7	146	0	0	0	107	21	0	8	0	13	0	0	0	0	0	302
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	116	1254	0	3	0	904	165	1	42	0	93	0	0	0	0	0	2578
APPROACH %'s :	8.45%	91.33%	0.00%	0.22%	0.00%	84.49%	15.42%	0.09%	31.11%	0.00%	68.89%	0.00%					
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	63	657	0	1	0	426	86	1	21	0	44	0	0	0	0	0	1299
PEAK HR FACTOR :	0.829	0.898	0.000	0.250	0.000	0.903	0.672	0.250	0.656	0.000	0.786	0.000	0.000	0.000	0.000	0.000	0.902
		0.934				0.855				0.813							

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	9	180	0	0	0	137	6	0	15	0	16	0	0	0	0	0	363
3:45 PM	11	144	0	0	0	147	10	0	16	0	22	0	0	0	0	0	350
4:00 PM	13	155	0	0	0	155	10	0	17	0	14	0	0	0	0	0	364
4:15 PM	6	142	0	0	0	153	6	0	14	0	15	0	0	0	0	0	336
4:30 PM	9	180	0	0	0	138	11	0	14	0	17	0	0	0	0	0	369
4:45 PM	8	156	0	0	0	178	13	0	23	0	9	0	0	0	0	0	387
5:00 PM	0	170	0	0	0	145	10	0	27	0	18	0	0	0	0	0	370
5:15 PM	6	152	0	0	0	157	6	0	21	0	9	0	0	0	0	0	351
5:30 PM	4	100	0	0	0	128	5	0	10	0	12	0	0	0	0	0	259
5:45 PM	4	95	0	0	0	118	3	0	4	0	9	0	0	0	0	0	233
6:00 PM	2	76	0	0	0	118	4	0	10	0	8	0	0	0	0	0	218
6:15 PM	2	83	0	0	0	103	1	0	5	0	9	0	0	0	0	0	203
6:30 PM	3	80	0	0	0	103	1	0	4	0	11	0	0	0	0	0	202
6:45 PM	0	60	0	0	0	100	4	0	2	0	9	0	0	0	0	0	175
7:00 PM	2	63	0	0	0	77	6	0	5	0	5	0	0	0	0	0	158
7:15 PM	3	50	0	0	0	91	2	0	4	0	8	0	0	0	0	0	158
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	82	1886	0	0	0	2048	98	0	191	0	191	0	0	0	0	0	4496
APPROACH %'s :	4.17%	95.83%	0.00%	0.00%	0.00%	95.43%	4.57%	0.00%	50.00%	0.00%	50.00%	0.00%					
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	23	658	0	0	0	618	40	0	85	0	53	0	0	0	0	0	1477
PEAK HR FACTOR :	0.639	0.914	0.000	0.000	0.000	0.868	0.769	0.000	0.787	0.000	0.736	0.000	0.000	0.000	0.000	0.000	0.954
		0.901				0.861				0.767							

National Data & Surveying Services

Intersection Turning Movement Count

Location: Brunswick Rd & Whispering Pines Ln
City: Grass Valley
Control: 1 Way Stop Sign - EB

Project ID: 19-07290-012
Date: 8/28/2019

Cars

NS/EW Streets:	Brunswick Rd				Brunswick Rd				Whispering Pines Ln				Whispering Pines Ln				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	5	49	0	1	0	49	3	0	0	0	2	0	0	0	0	0	109
6:45 AM	13	78	0	0	0	97	15	0	4	0	12	0	0	0	0	0	219
7:00 AM	7	72	0	0	0	64	10	0	6	0	7	0	0	0	0	0	166
7:15 AM	7	74	0	1	0	70	15	0	3	0	6	0	0	0	0	0	176
7:30 AM	14	144	0	0	0	76	15	0	0	0	6	0	0	0	0	0	255
7:45 AM	9	176	0	0	0	98	21	1	4	0	5	0	0	0	0	0	314
8:00 AM	17	149	0	0	0	94	12	0	3	0	11	0	0	0	0	0	286
8:15 AM	18	165	0	0	0	108	32	0	5	0	14	0	0	0	0	0	342
8:30 AM	15	135	0	0	0	103	21	0	7	0	11	0	0	0	0	0	292
8:45 AM	6	142	0	0	0	104	21	0	8	0	12	0	0	0	0	0	293
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	111	1184	0	2	0	863	165	1	40	0	86	0	0	0	0	0	2452
APPROACH %'s :	8.56%	91.29%	0.00%	0.15%	0.00%	83.87%	16.03%	0.10%	31.75%	0.00%	68.25%	0.00%					
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	59	625	0	0	0	403	86	1	19	0	41	0	0	0	0	0	1234
PEAK HR FACTOR :	0.82	0.888	0.000	0.000	0.000	0.933	0.672	0.250	0.679	0.000	0.732	0.000	0.000	0.000	0.000	0.000	0.902
		0.924				0.875				0.789							

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	8	176	0	0	0	132	6	0	15	0	15	0	0	0	0	0	352
3:45 PM	10	141	0	0	0	144	10	0	15	0	20	0	0	0	0	0	340
4:00 PM	12	153	0	0	0	146	10	0	17	0	14	0	0	0	0	0	352
4:15 PM	6	137	0	0	0	146	6	0	14	0	15	0	0	0	0	0	324
4:30 PM	9	178	0	0	0	132	11	0	14	0	16	0	0	0	0	0	360
4:45 PM	8	154	0	0	0	173	12	0	23	0	9	0	0	0	0	0	379
5:00 PM	0	166	0	0	0	142	10	0	27	0	16	0	0	0	0	0	361
5:15 PM	5	151	0	0	0	156	6	0	21	0	9	0	0	0	0	0	348
5:30 PM	4	97	0	0	0	126	5	0	10	0	10	0	0	0	0	0	252
5:45 PM	2	93	0	0	0	114	3	0	4	0	9	0	0	0	0	0	225
6:00 PM	2	75	0	0	0	115	4	0	10	0	8	0	0	0	0	0	214
6:15 PM	2	82	0	0	0	103	1	0	5	0	8	0	0	0	0	0	201
6:30 PM	3	79	0	0	0	102	1	0	4	0	11	0	0	0	0	0	200
6:45 PM	0	60	0	0	0	98	4	0	2	0	9	0	0	0	0	0	173
7:00 PM	2	60	0	0	0	75	5	0	5	0	4	0	0	0	0	0	151
7:15 PM	3	50	0	0	0	89	2	0	4	0	8	0	0	0	0	0	156
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	76	1852	0	0	0	1993	96	0	190	0	181	0	0	0	0	0	4388
APPROACH %'s :	3.94%	96.06%	0.00%	0.00%	0.00%	95.40%	4.60%	0.00%	51.21%	0.00%	48.79%	0.00%					
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	22	649	0	0	0	603	39	0	85	0	50	0	0	0	0	0	1448
PEAK HR FACTOR :	0.61	0.912	0.000	0.000	0.000	0.871	0.813	0.000	0.787	0.000	0.781	0.000	0.000	0.000	0.000	0.000	0.955
		0.897				0.868				0.785							

National Data & Surveying Services

Intersection Turning Movement Count

Location: Brunswick Rd & Whispering Pines Ln
City: Grass Valley
Control: 1 Way Stop Sign - EB

Project ID: 19-07290-012
Date: 8/28/2019

HT

NS/EW Streets:	Brunswick Rd				Brunswick Rd				Whispering Pines Ln				Whispering Pines Ln				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	5
6:45 AM	0	13	0	0	0	1	0	0	0	0	1	0	0	0	0	0	15
7:00 AM	0	9	0	0	0	5	0	0	0	0	0	0	0	0	0	0	14
7:15 AM	0	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	6
7:30 AM	0	5	0	0	0	5	0	0	0	0	2	0	0	0	0	0	12
7:45 AM	1	7	0	0	0	3	0	0	1	0	0	0	0	0	0	0	12
8:00 AM	1	10	0	0	0	6	0	0	0	0	2	0	0	0	0	0	19
8:15 AM	1	7	0	0	0	10	0	0	0	0	0	0	0	0	0	0	18
8:30 AM	1	8	0	1	0	4	0	0	1	0	1	0	0	0	0	0	16
8:45 AM	1	4	0	0	0	3	0	0	0	0	1	0	0	0	0	0	9
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	5	70	0	1	0	41	0	0	2	0	7	0	0	0	0	0	126
APPROACH %'s :	6.58%	92.11%	0.00%	1.32%	0.00%	100.00%	0.00%	0.00%	22.22%	0.00%	77.78%	0.00%					
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	4	32	0	1	0	23	0	0	2	0	3	0	0	0	0	0	65
PEAK HR FACTOR :	1.000	0.800	0.000	0.250	0.000	0.575	0.000	0.000	0.500	0.000	0.375	0.000	0.000	0.000	0.000	0.000	0.855
	0.841				0.575				0.625								

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	1	4	0	0	0	5	0	0	0	0	1	0	0	0	0	0	11
3:45 PM	1	3	0	0	0	3	0	0	1	0	2	0	0	0	0	0	10
4:00 PM	1	2	0	0	0	9	0	0	0	0	0	0	0	0	0	0	12
4:15 PM	0	5	0	0	0	7	0	0	0	0	0	0	0	0	0	0	12
4:30 PM	0	2	0	0	0	6	0	0	0	0	1	0	0	0	0	0	9
4:45 PM	0	2	0	0	0	5	1	0	0	0	0	0	0	0	0	0	8
5:00 PM	0	4	0	0	0	3	0	0	0	0	2	0	0	0	0	0	9
5:15 PM	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3
5:30 PM	0	3	0	0	0	2	0	0	0	0	2	0	0	0	0	0	7
5:45 PM	2	2	0	0	0	4	0	0	0	0	0	0	0	0	0	0	8
6:00 PM	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	0	4
6:15 PM	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2
6:30 PM	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
6:45 PM	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
7:00 PM	0	3	0	0	0	2	1	0	0	0	1	0	0	0	0	0	7
7:15 PM	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	6	34	0	0	0	55	2	0	1	0	10	0	0	0	0	0	108
APPROACH %'s :	15.00%	85.00%	0.00%	0.00%	0.00%	96.49%	3.51%	0.00%	9.09%	0.00%	90.91%	0.00%					
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	1	9	0	0	0	15	1	0	0	0	3	0	0	0	0	0	29
PEAK HR FACTOR :	0.25	0.563	0.000	0.000	0.000	0.625	0.250	0.000	0.000	0.000	0.375	0.000	0.000	0.000	0.000	0.000	0.806
	0.625				0.667				0.375								

National Data & Surveying Services

Intersection Turning Movement Count

Location: Brunswick Rd & Whispering Pines Ln
City: Grass Valley
Control: 1 Way Stop Sign - EB

Project ID: 19-07290-012
Date: 8/28/2019

Bikes

NS/EW Streets:	Brunswick Rd				Brunswick Rd				Whispering Pines Ln				Whispering Pines Ln				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
APPROACH %'s :	100.00%	0.00%	0.00%	0.00%													
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
PEAK HR FACTOR :	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250
	0.250																

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2
4:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5:00 PM	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
5:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	4	0	0	0	2	0	0	1	0	2	0	0	0	0	0	9
APPROACH %'s :	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	33.33%	0.00%	66.67%	0.00%					
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	0	3	0	0	0	2	0	0	0	0	1	0	0	0	0	0	6
PEAK HR FACTOR :	0.00	0.750	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.750
	0.750				0.250				0.250								

National Data & Surveying Services

Intersection Turning Movement Count

Location: Brunswick Rd & Whispering Pines Ln
City: Grass Valley

Project ID: 19-07290-012
Date: 8/28/2019

Pedestrians (Crosswalks)

NS/EW Streets:	Brunswick Rd		Brunswick Rd		Whispering Pines Ln		Whispering Pines Ln		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	0
APPROACH %'s :									
PEAK HR :	07:45 AM - 08:45 AM								TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :									

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	1	1
7:00 PM	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	1	1
APPROACH %'s :							0.00%	100.00%	
PEAK HR :	04:30 PM - 05:30 PM								TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :									

Prepared by National Data & Surveying Services

Brunswick Rd & E Bennett Rd/Greenhorn Rd

Peak Hour Turning Movement Count

ID: 19-07290-013
City: Grass Valley

Day: Wednesday
Date: 08/28/2019

PEAK HOURS

AM: 07:45 AM - 08:45 AM
NOON: NONE
PM: 04:30 PM - 05:30 PM

COUNT PERIODS

AM: 06:30 AM - 09:30 AM
NOON: NONE
PM: 03:30 PM - 07:30 PM

SOUTHBOUND (Brunswick Rd)

AM	26	191	51	0	675	AM
NOON	0	0	0	0	0	NOON
PM	30	483	138	0	404	PM

EASTBOUND (E Bennett Rd/Greenhorn Rd)

AM	NOON	PM	
91	0	76	⇦
0	0	0	↶ 0
29	0	18	↱ 0
21	0	21	→ 0
12	0	19	↴ 0
AM	NOON	PM	

WESTBOUND (E Bennett Rd/Greenhorn Rd)

PM	NOON	AM	
75	0	171	0 ↰
37	0	45	0 ←
23	0	25	0 ↙
1	0	0	0 ↲
194	0	84	⇨
PM	NOON	AM	

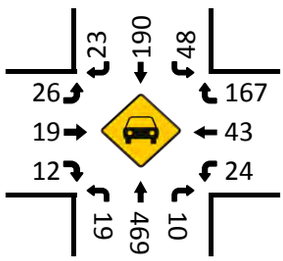
CONTROL: 0

TEV	1078 AM	0 NOON	1199 PM
PHF	0.93		0.99

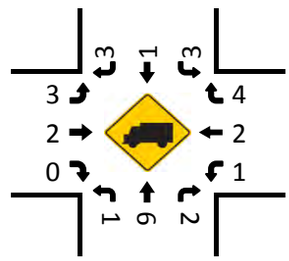
NORTHBOUND (Brunswick Rd)

PM	525	0	9	311	34	PM
NOON	0	0	0	0	0	NOON
AM	228	0	20	475	12	AM

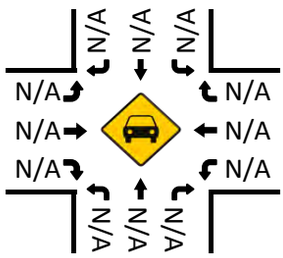
Cars (AM)



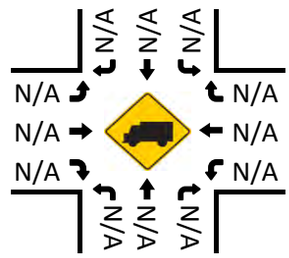
HT (AM)



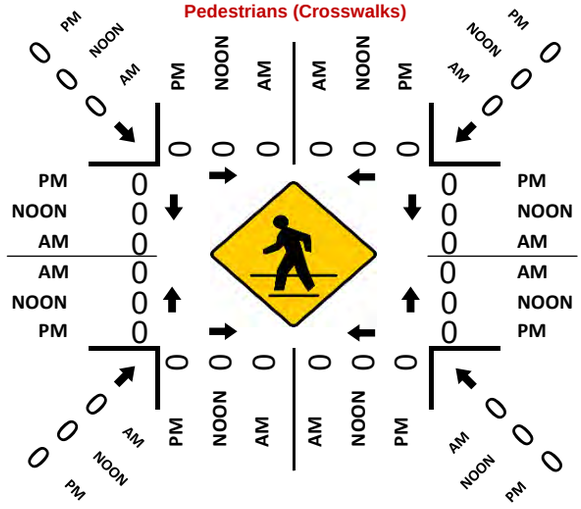
Cars (NOON)



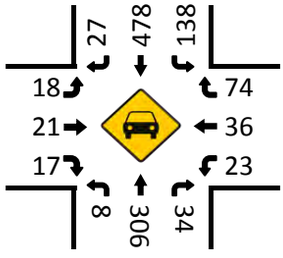
HT (NOON)



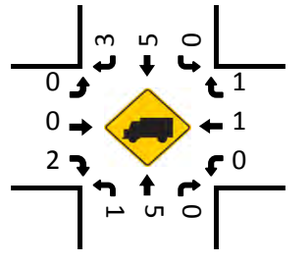
Pedestrians (Crosswalks)



Cars (PM)



HT (PM)



National Data & Surveying Services

Intersection Turning Movement Count

Location: Brunswick Rd & E Bennett Rd/Greenhorn Rd
City: Grass Valley
Control:

Project ID: 19-07290-013
Date: 8/28/2019

Total

NS/EW Streets:	Brunswick Rd				Brunswick Rd				E Bennett Rd/Greenhorn Rd				E Bennett Rd/Greenhorn Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	7	53	1	0	3	23	2	0	2	9	1	0	9	6	12	0	128
6:45 AM	3	86	3	0	4	23	2	0	4	0	0	0	6	5	19	0	155
7:00 AM	3	65	2	0	8	21	6	0	1	0	5	0	4	1	28	0	144
7:15 AM	3	77	0	0	10	30	1	0	3	1	2	0	9	11	17	0	164
7:30 AM	3	123	1	0	7	34	2	0	6	3	3	0	7	11	32	0	232
7:45 AM	5	132	2	0	14	37	6	0	8	8	4	0	4	13	55	0	288
8:00 AM	4	127	1	0	10	48	6	0	9	4	4	0	14	16	48	0	291
8:15 AM	3	120	4	0	11	58	6	0	11	4	1	0	3	5	32	0	258
8:30 AM	8	96	5	0	16	48	8	0	1	5	3	0	4	11	36	0	241
8:45 AM	6	97	0	0	22	55	2	0	9	8	0	0	8	12	29	0	248
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	45	976	19	0	105	377	41	0	54	42	23	0	68	91	308	0	2149
APPROACH %'s :	4.33%	93.85%	1.83%	0.00%	20.08%	72.08%	7.84%	0.00%	45.38%	35.29%	19.33%	0.00%	14.56%	19.49%	65.95%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	20	475	12	0	51	191	26	0	29	21	12	0	25	45	171	0	1078
PEAK HR FACTOR :	0.625	0.900	0.600	0.000	0.797	0.823	0.813	0.000	0.659	0.656	0.750	0.000	0.446	0.703	0.777	0.000	0.926
	0.912				0.893				0.775				0.772				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	1	74	3	0	25	116	7	0	5	8	4	0	3	7	20	0	273
3:45 PM	1	81	7	0	24	110	11	0	8	6	2	0	8	10	23	0	291
4:00 PM	3	84	7	0	36	106	5	0	2	9	3	0	1	3	16	0	275
4:15 PM	2	87	6	0	33	93	1	0	7	6	1	0	5	3	14	0	258
4:30 PM	4	81	7	0	29	129	6	0	6	4	5	0	6	6	20	0	303
4:45 PM	3	80	6	0	36	116	6	0	4	5	6	0	9	12	20	1	304
5:00 PM	1	70	12	0	32	130	5	0	4	10	6	0	4	7	12	0	293
5:15 PM	1	80	9	0	41	108	13	0	4	2	2	0	4	12	23	0	299
5:30 PM	4	55	11	0	26	100	8	0	2	4	3	0	4	5	18	0	240
5:45 PM	3	56	2	0	37	84	1	0	4	6	1	0	5	8	18	0	225
6:00 PM	2	47	6	0	26	81	2	0	2	7	2	0	3	4	10	0	192
6:15 PM	2	52	4	0	27	76	4	0	3	6	1	0	3	3	15	0	196
6:30 PM	1	53	2	0	23	76	3	0	1	4	2	0	2	7	12	0	186
6:45 PM	0	44	2	0	18	80	6	0	3	6	0	0	4	3	7	0	173
7:00 PM	1	39	3	0	17	64	4	0	5	8	0	0	1	2	6	0	150
7:15 PM	1	34	4	0	24	48	3	0	2	4	0	0	4	2	13	0	139
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	30	1017	91	0	454	1517	85	0	62	95	38	0	66	94	247	1	3797
APPROACH %'s :	2.64%	89.37%	8.00%	0.00%	22.08%	73.78%	4.13%	0.00%	31.79%	48.72%	19.49%	0.00%	16.18%	23.04%	60.54%	0.25%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	9	311	34	0	138	483	30	0	18	21	19	0	23	37	75	1	1199
PEAK HR FACTOR :	0.563	0.960	0.708	0.000	0.841	0.929	0.577	0.000	0.750	0.525	0.792	0.000	0.639	0.771	0.815	0.250	0.986
	0.962				0.975				0.725				0.810				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Brunswick Rd & E Bennett Rd/Greenhorn Rd
City: Grass Valley
Control: 0

Project ID: 19-07290-013
Date: 8/28/2019

Cars

NS/EW Streets:	Brunswick Rd				Brunswick Rd				E Bennett Rd/Greenhorn Rd				E Bennett Rd/Greenhorn Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	7	50	1	0	3	22	2	0	2	9	1	0	8	6	12	0	123
6:45 AM	3	82	3	0	4	20	2	0	4	0	0	0	6	5	17	0	146
7:00 AM	3	57	1	0	7	20	6	0	1	0	4	0	4	1	28	0	132
7:15 AM	3	77	0	0	9	30	0	0	2	1	2	0	9	10	15	0	158
7:30 AM	3	122	1	0	7	32	2	0	6	3	1	0	7	11	31	0	226
7:45 AM	4	130	2	0	13	36	6	0	7	6	4	0	4	13	53	0	278
8:00 AM	4	123	0	0	9	48	6	0	7	4	4	0	14	14	47	0	280
8:15 AM	3	120	3	0	11	58	5	0	11	4	1	0	3	5	31	0	255
8:30 AM	8	96	5	0	15	48	6	0	1	5	3	0	3	11	36	0	237
8:45 AM	6	95	0	0	22	53	2	0	7	8	0	0	8	12	29	0	242
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	44	952	16	0	100	367	37	0	48	40	20	0	66	88	299	0	2077
APPROACH %'s :	4.35%	94.07%	1.58%	0.00%	19.84%	72.82%	7.34%	0.00%	44.44%	37.04%	18.52%	0.00%	14.57%	19.43%	66.00%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	19	469	10	0	48	190	23	0	26	19	12	0	24	43	167	0	1050
PEAK HR FACTOR :	0.59	0.902	0.500	0.000	0.800	0.819	0.958	0.000	0.591	0.792	0.750	0.000	0.429	0.768	0.788	0.000	0.938
		0.915				0.882				0.838				0.780			

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	72	2	0	24	115	7	0	4	7	3	0	2	7	20	0	263
3:45 PM	1	78	7	0	24	108	11	0	8	6	1	0	8	9	23	0	284
4:00 PM	2	81	7	0	35	104	5	0	2	9	3	0	1	3	16	0	268
4:15 PM	1	86	5	0	33	91	1	0	6	6	1	0	4	3	14	0	251
4:30 PM	3	81	7	0	29	125	4	0	6	4	5	0	6	6	20	0	296
4:45 PM	3	78	6	0	36	116	6	0	4	5	5	0	9	11	19	1	299
5:00 PM	1	68	12	0	32	129	4	0	4	10	5	0	4	7	12	0	288
5:15 PM	1	79	9	0	41	108	13	0	4	2	2	0	4	12	23	0	298
5:30 PM	3	54	11	0	26	100	8	0	2	4	3	0	4	5	17	0	237
5:45 PM	3	56	2	0	35	84	1	0	4	6	1	0	5	8	18	0	223
6:00 PM	2	47	6	0	26	81	2	0	2	7	2	0	3	4	10	0	192
6:15 PM	2	51	4	0	27	76	4	0	3	6	1	0	3	3	15	0	195
6:30 PM	1	53	2	0	22	76	3	0	1	4	2	0	2	7	12	0	185
6:45 PM	0	44	2	0	18	79	6	0	3	6	0	0	4	3	7	0	172
7:00 PM	1	39	3	0	17	62	4	0	5	8	0	0	1	2	6	0	148
7:15 PM	1	32	4	0	24	48	3	0	2	4	0	0	4	2	13	0	137
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	25	999	89	0	449	1502	82	0	60	94	34	0	64	92	245	1	3736
APPROACH %'s :	2.25%	89.76%	8.00%	0.00%	22.09%	73.88%	4.03%	0.00%	31.91%	50.00%	18.09%	0.00%	15.92%	22.89%	60.95%	0.25%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	8	306	34	0	138	478	27	0	18	21	17	0	23	36	74	1	1181
PEAK HR FACTOR :	0.67	0.944	0.708	0.000	0.841	0.926	0.519	0.000	0.750	0.525	0.850	0.000	0.639	0.750	0.804	0.250	0.987
		0.956				0.974				0.737				0.838			

National Data & Surveying Services

Intersection Turning Movement Count

Location: Brunswick Rd & E Bennett Rd/Greenhorn Rd
City: Grass Valley
Control: 0

Project ID: 19-07290-013
Date: 8/28/2019

HT

NS/EW Streets:	Brunswick Rd				Brunswick Rd				E Bennett Rd/Greenhorn Rd				E Bennett Rd/Greenhorn Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	3	0	0	0	1	0	0	0	0	0	0	1	0	0	0	5
6:45 AM	0	4	0	0	0	3	0	0	0	0	0	0	0	0	2	0	9
7:00 AM	0	8	1	0	1	1	0	0	0	0	1	0	0	0	0	0	12
7:15 AM	0	0	0	0	1	0	1	0	1	0	0	0	0	1	2	0	6
7:30 AM	0	1	0	0	0	2	0	0	0	0	2	0	0	0	1	0	6
7:45 AM	1	2	0	0	1	1	0	0	1	2	0	0	0	0	2	0	10
8:00 AM	0	4	1	0	1	0	0	0	2	0	0	0	0	2	1	0	11
8:15 AM	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	3
8:30 AM	0	0	0	0	1	0	2	0	0	0	0	0	1	0	0	0	4
8:45 AM	0	2	0	0	0	2	0	0	2	0	0	0	0	0	0	0	6
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	1	24	3	0	5	10	4	0	6	2	3	0	2	3	9	0	72
APPROACH %'s :	3.57%	85.71%	10.71%	0.00%	26.32%	52.63%	21.05%	0.00%	54.55%	18.18%	27.27%	0.00%	14.29%	21.43%	64.29%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	1	6	2	0	3	1	3	0	3	2	0	0	1	2	4	0	28
PEAK HR FACTOR :	0.250	0.375	0.500	0.000	0.750	0.250	0.375	0.000	0.375	0.250	0.000	0.000	0.250	0.250	0.500	0.000	0.636
		0.450				0.583				0.417				0.583			

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	1	2	1	0	1	1	0	0	1	1	1	0	1	0	0	0	10
3:45 PM	0	3	0	0	0	2	0	0	0	0	1	0	0	1	0	0	7
4:00 PM	1	3	0	0	1	2	0	0	0	0	0	0	0	0	0	0	7
4:15 PM	1	1	1	0	0	2	0	0	1	0	0	0	1	0	0	0	7
4:30 PM	1	0	0	0	0	4	2	0	0	0	0	0	0	0	0	0	7
4:45 PM	0	2	0	0	0	0	0	0	0	0	1	0	0	1	1	0	5
5:00 PM	0	2	0	0	0	1	1	0	0	0	1	0	0	0	0	0	5
5:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5:30 PM	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3
5:45 PM	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6:30 PM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
6:45 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
7:00 PM	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
7:15 PM	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	5	18	2	0	5	15	3	0	2	1	4	0	2	2	2	0	61
APPROACH %'s :	20.00%	72.00%	8.00%	0.00%	21.74%	65.22%	13.04%	0.00%	28.57%	14.29%	57.14%	0.00%	33.33%	33.33%	33.33%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	1	5	0	0	0	5	3	0	0	0	2	0	0	1	1	0	18
PEAK HR FACTOR :	0.25	0.625	0.000	0.000	0.000	0.313	0.375	0.000	0.000	0.000	0.500	0.000	0.000	0.250	0.250	0.000	0.643
		0.750				0.333				0.500				0.250			

National Data & Surveying Services

Intersection Turning Movement Count

Location: Brunswick Rd & E Bennett Rd/Greenhorn Rd
City: Grass Valley
Control: 0

Project ID: 19-07290-013
Date: 8/28/2019

Bikes

NS/EW Streets:	Brunswick Rd				Brunswick Rd				E Bennett Rd/Greenhorn Rd				E Bennett Rd/Greenhorn Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2
APPROACH %'s :	0.00%	100.00%	0.00%	0.00%					0.00%	0.00%	100.00%	0.00%					
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	3
APPROACH %'s :	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%					0.00%	0.00%	100.00%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

National Data & Surveying Services

Intersection Turning Movement Count

Location: Brunswick Rd & E Bennett Rd/Greenhorn Rd
City: Grass Valley

Project ID: 19-07290-013
Date: 8/28/2019

Pedestrians (Crosswalks)

NS/EW Streets:	Brunswick Rd		Brunswick Rd		E Bennett Rd/Greenhorn Rd		E Bennett Rd/Greenhorn Rd		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	0
APPROACH %'s :									
PEAK HR :	07:45 AM - 08:45 AM								TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :									

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	0
APPROACH %'s :									
PEAK HR :	04:30 PM - 05:30 PM								TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :									

5875-02

Prepared by National Data & Surveying Services

SR 174 & Brunswick Rd

Peak Hour Turning Movement Count

ID: 19-07290-014
City: Grass Valley

Day: Wednesday
Date: 08/28/2019

PEAK HOURS

AM: 07:45 AM - 08:45 AM
NOON: NONE
PM: 04:30 PM - 05:30 PM

COUNT PERIODS

AM: 06:30 AM - 09:30 AM
NOON: NONE
PM: 03:30 PM - 07:30 PM

SR 174 — SOUTHBOUND

AM	95	140	1	0	480	AM
NOON	0	0	0	0	0	NOON
PM	107	385	2	0	331	PM

EASTBOUND (Brunswick Rd)

AM	NOON	PM	
360	0	346	
0	0	0	0
101	0	72	0
9	0	0	0
160	0	226	0

WESTBOUND (Brunswick Rd)

PM	NOON	AM	
5	0	4	0
0	0	2	0
0	0	1	0
0	0	0	0
2	0	16	

CONTROL

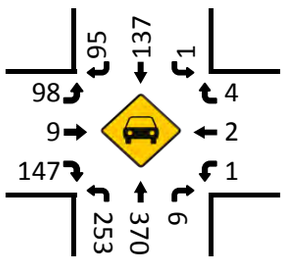
0

	AM	NOON	PM
TEV	1157	0	1290
PHF	0.94		0.92

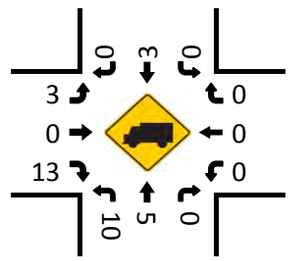
NORTHBOUND — SR 174

PM	611	0	239	254	0	PM
NOON	0	0	0	0	0	NOON
AM	301	0	263	375	6	AM

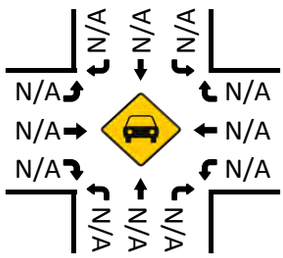
Cars (AM)



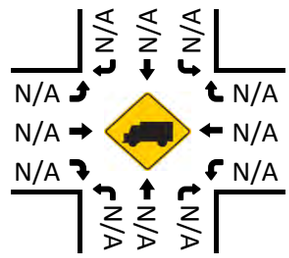
HT (AM)



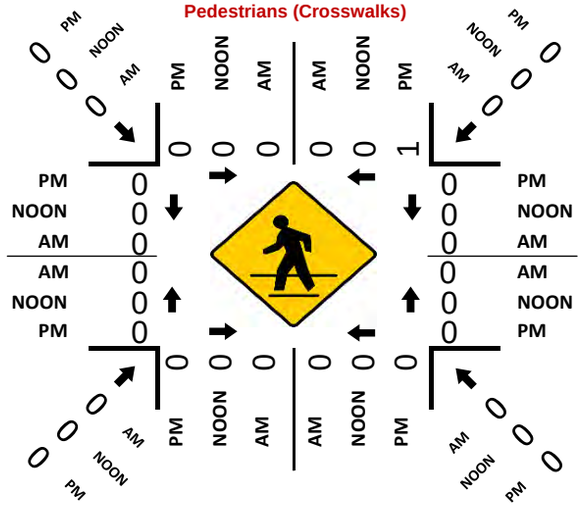
Cars (NOON)



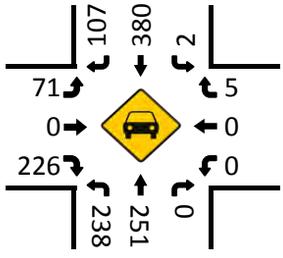
HT (NOON)



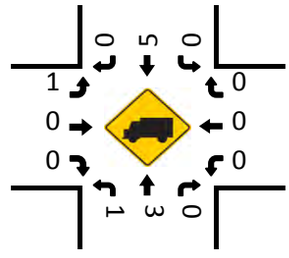
Pedestrians (Crosswalks)



Cars (PM)



HT (PM)



National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 174 & Brunswick Rd
City: Grass Valley
Control:

Project ID: 19-07290-014
Date: 8/28/2019

Total

NS/EW Streets:	SR 174				SR 174				Brunswick Rd				Brunswick Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	20	60	0	0	0	29	7	0	8	0	27	0	0	0	0	0	151
6:45 AM	30	60	0	0	0	27	14	0	14	0	25	0	0	0	0	0	170
7:00 AM	36	40	0	0	0	26	5	0	11	0	26	0	0	0	0	0	144
7:15 AM	41	67	0	0	1	31	15	0	12	0	45	0	0	0	0	0	212
7:30 AM	61	88	0	0	1	24	18	0	29	0	29	0	0	0	0	0	250
7:45 AM	63	113	0	0	0	29	15	0	31	3	39	0	0	1	0	0	294
8:00 AM	81	86	2	0	0	34	34	0	25	1	44	0	0	0	2	0	309
8:15 AM	81	94	3	0	0	40	31	0	21	1	31	0	0	0	1	0	303
8:30 AM	38	82	1	0	1	37	15	0	24	4	46	0	1	1	1	0	251
8:45 AM	48	81	2	0	1	40	8	0	18	2	33	0	0	0	1	0	234
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	499	771	8	0	4	317	162	0	193	11	345	0	1	2	5	0	2318
APPROACH %'s :	39.05%	60.33%	0.63%	0.00%	0.83%	65.63%	33.54%	0.00%	35.15%	2.00%	62.84%	0.00%	12.50%	25.00%	62.50%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	263	375	6	0	1	140	95	0	101	9	160	0	1	2	4	0	1157
PEAK HR FACTOR :	0.812	0.830	0.500	0.000	0.250	0.875	0.699	0.000	0.815	0.563	0.870	0.000	0.250	0.500	0.500	0.000	0.936
	0.904				0.831				0.912				0.583				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	43	57	0	0	2	81	28	0	13	0	48	0	0	0	0	0	272
3:45 PM	61	65	1	0	1	88	28	0	20	3	52	0	0	0	1	0	320
4:00 PM	45	80	1	0	0	90	20	0	22	1	61	0	0	1	4	0	325
4:15 PM	37	68	0	0	1	68	27	0	20	0	44	0	0	0	1	0	266
4:30 PM	47	70	0	0	1	105	22	0	18	0	53	0	0	0	1	0	317
4:45 PM	71	58	0	0	0	94	30	0	16	0	60	0	0	0	1	0	330
5:00 PM	66	68	0	0	1	84	39	0	21	0	70	0	0	0	3	0	352
5:15 PM	55	58	0	0	0	102	16	0	17	0	43	0	0	0	0	0	291
5:30 PM	45	51	0	0	0	79	12	0	20	1	42	0	0	1	0	0	251
5:45 PM	36	51	0	0	0	74	15	0	8	0	43	0	0	0	0	0	227
6:00 PM	32	40	0	0	0	67	13	0	15	0	36	0	0	0	0	0	203
6:15 PM	27	40	1	0	0	64	14	0	15	1	35	0	0	0	1	0	198
6:30 PM	20	42	1	0	1	58	11	0	7	0	27	0	0	1	0	0	168
6:45 PM	20	38	0	0	0	73	12	0	6	0	36	0	0	0	0	0	185
7:00 PM	20	46	0	0	0	53	11	0	4	0	30	0	0	0	0	0	164
7:15 PM	19	30	0	0	0	41	8	0	5	0	41	0	0	0	0	0	144
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	644	862	4	0	7	1221	306	0	227	6	721	0	0	3	12	0	4013
APPROACH %'s :	42.65%	57.09%	0.26%	0.00%	0.46%	79.60%	19.95%	0.00%	23.79%	0.63%	75.58%	0.00%	0.00%	20.00%	80.00%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	239	254	0	0	2	385	107	0	72	0	226	0	0	0	5	0	1290
PEAK HR FACTOR :	0.842	0.907	0.000	0.000	0.500	0.917	0.686	0.000	0.857	0.000	0.807	0.000	0.000	0.000	0.417	0.000	0.916
	0.920				0.965				0.819				0.417				

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 174 & Brunswick Rd
City: Grass Valley
Control: 0

Project ID: 19-07290-014
Date: 8/28/2019

Cars

NS/EW Streets:	SR 174				SR 174				Brunswick Rd				Brunswick Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	20	58	0	0	0	29	6	0	8	0	26	0	0	0	0	0	147
6:45 AM	30	60	0	0	0	21	14	0	13	0	23	0	0	0	0	0	161
7:00 AM	34	40	0	0	0	23	4	0	10	0	26	0	0	0	0	0	137
7:15 AM	39	67	0	0	1	31	15	0	12	0	41	0	0	0	0	0	206
7:30 AM	59	88	0	0	1	20	18	0	29	0	28	0	0	0	0	0	243
7:45 AM	61	111	0	0	0	27	15	0	30	3	37	0	0	1	0	0	285
8:00 AM	78	83	2	0	0	34	34	0	24	1	41	0	0	0	2	0	299
8:15 AM	77	94	3	0	0	39	31	0	20	1	28	0	0	0	1	0	294
8:30 AM	37	82	1	0	1	37	15	0	24	4	41	0	1	1	1	0	245
8:45 AM	48	79	2	0	1	38	8	0	18	2	33	0	0	0	1	0	230
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	483	762	8	0	4	299	160	0	188	11	324	0	1	2	5	0	2247
APPROACH %'s :	38.55%	60.81%	0.64%	0.00%	0.86%	64.58%	34.56%	0.00%	35.95%	2.10%	61.95%	0.00%	12.50%	25.00%	62.50%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	253	370	6	0	1	137	95	0	98	9	147	0	1	2	4	0	1123
PEAK HR FACTOR :	0.81	0.833	0.500	0.000	0.250	0.878	0.699	0.000	0.817	0.563	0.896	0.000	0.250	0.500	0.500	0.000	0.939
		0.904				0.832				0.907				0.583			

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	40	56	0	0	1	80	28	0	11	0	46	0	0	0	0	0	262
3:45 PM	61	62	1	0	1	86	28	0	18	3	48	0	0	0	1	0	309
4:00 PM	43	76	1	0	0	88	19	0	22	1	59	0	0	1	4	0	314
4:15 PM	35	67	0	0	1	65	27	0	20	0	43	0	0	0	1	0	259
4:30 PM	46	69	0	0	1	101	22	0	18	0	53	0	0	0	1	0	311
4:45 PM	71	58	0	0	0	94	30	0	16	0	60	0	0	0	1	0	330
5:00 PM	66	66	0	0	1	83	39	0	20	0	70	0	0	0	3	0	348
5:15 PM	55	58	0	0	0	102	16	0	17	0	43	0	0	0	0	0	291
5:30 PM	45	48	0	0	0	79	12	0	20	1	42	0	0	1	0	0	248
5:45 PM	35	51	0	0	0	74	15	0	8	0	42	0	0	0	0	0	225
6:00 PM	32	40	0	0	0	67	13	0	14	0	36	0	0	0	0	0	202
6:15 PM	26	40	1	0	0	64	14	0	15	1	35	0	0	0	1	0	197
6:30 PM	19	42	1	0	1	58	11	0	7	0	26	0	0	1	0	0	166
6:45 PM	20	37	0	0	0	72	12	0	6	0	36	0	0	0	0	0	183
7:00 PM	20	46	0	0	0	52	11	0	4	0	30	0	0	0	0	0	163
7:15 PM	19	27	0	0	0	41	8	0	5	0	41	0	0	0	0	0	141
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	633	843	4	0	6	1206	305	0	221	6	710	0	0	3	12	0	3949
APPROACH %'s :	42.77%	56.96%	0.27%	0.00%	0.40%	79.50%	20.11%	0.00%	23.59%	0.64%	75.77%	0.00%	0.00%	20.00%	80.00%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	238	251	0	0	2	380	107	0	71	0	226	0	0	0	5	0	1280
PEAK HR FACTOR :	0.84	0.909	0.000	0.000	0.500	0.931	0.686	0.000	0.888	0.000	0.807	0.000	0.000	0.000	0.417	0.000	0.920
		0.926				0.986				0.825				0.417			

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 174 & Brunswick Rd
City: Grass Valley
Control: 0

Project ID: 19-07290-014
Date: 8/28/2019

HT

NS/EW Streets:	SR 174				SR 174				Brunswick Rd				Brunswick Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	2	0	0	0	0	1	0	0	0	1	0	0	0	0	0	4
6:45 AM	0	0	0	0	0	6	0	0	1	0	2	0	0	0	0	0	9
7:00 AM	2	0	0	0	0	3	1	0	1	0	0	0	0	0	0	0	7
7:15 AM	2	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	6
7:30 AM	2	0	0	0	0	4	0	0	0	0	1	0	0	0	0	0	7
7:45 AM	2	2	0	0	0	2	0	0	1	0	2	0	0	0	0	0	9
8:00 AM	3	3	0	0	0	0	0	0	1	0	3	0	0	0	0	0	10
8:15 AM	4	0	0	0	0	1	0	0	1	0	3	0	0	0	0	0	9
8:30 AM	1	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	6
8:45 AM	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	4
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	16	9	0	0	0	18	2	0	5	0	21	0	0	0	0	0	71
APPROACH %'s :	64.00%	36.00%	0.00%	0.00%	0.00%	90.00%	10.00%	0.00%	19.23%	0.00%	80.77%	0.00%					
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	10	5	0	0	0	3	0	0	3	0	13	0	0	0	0	0	34
PEAK HR FACTOR :	0.625	0.417	0.000	0.000	0.000	0.375	0.000	0.000	0.750	0.000	0.650	0.000	0.000	0.000	0.000	0.000	0.850
	0.625				0.375				0.800								

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	3	1	0	0	1	1	0	0	2	0	2	0	0	0	0	0	10
3:45 PM	0	3	0	0	0	2	0	0	2	0	4	0	0	0	0	0	11
4:00 PM	2	4	0	0	0	2	1	0	0	0	2	0	0	0	0	0	11
4:15 PM	2	1	0	0	0	3	0	0	0	0	1	0	0	0	0	0	7
4:30 PM	1	1	0	0	0	4	0	0	0	0	0	0	0	0	0	0	6
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	2	0	0	0	1	0	0	1	0	0	0	0	0	0	0	4
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
5:45 PM	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2
6:00 PM	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
6:15 PM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6:30 PM	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2
6:45 PM	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
7:00 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
7:15 PM	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	11	19	0	0	1	15	1	0	6	0	11	0	0	0	0	0	64
APPROACH %'s :	36.67%	63.33%	0.00%	0.00%	5.88%	88.24%	5.88%	0.00%	35.29%	0.00%	64.71%	0.00%					
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	1	3	0	0	0	5	0	0	1	0	0	0	0	0	0	0	10
PEAK HR FACTOR :	0.25	0.375	0.000	0.000	0.000	0.313	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.417
	0.500				0.313				0.250								

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 174 & Brunswick Rd
City: Grass Valley
Control: 0

Project ID: 19-07290-014
Date: 8/28/2019

Bikes

NS/EW Streets:	SR 174				SR 174				Brunswick Rd				Brunswick Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2
APPROACH %'s :	0.00%	100.00%	0.00%	0.00%					100.00%	0.00%	0.00%	0.00%					
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250
									0.250								

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
APPROACH %'s :					100.00%	0.00%	0.00%	0.00%									
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 174 & Brunswick Rd
City: Grass Valley

Project ID: 19-07290-014
Date: 8/28/2019

Pedestrians (Crosswalks)

NS/EW Streets:	SR 174		SR 174		Brunswick Rd		Brunswick Rd		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	0
APPROACH %'s :									
PEAK HR :	07:45 AM - 08:45 AM								TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :									

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0
4:30 PM	0	1	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0
6:15 PM	0	2	0	0	0	0	1	1	4
6:30 PM	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	3	0	0	0	0	1	1	5
APPROACH %'s :	0.00%	100.00%					50.00%	50.00%	
PEAK HR :	04:30 PM - 05:30 PM								TOTAL
PEAK HR VOL :	0	1	0	0	0	0	0	0	1
PEAK HR FACTOR :		0.250							0.250
	0.250								

Prepared by National Data & Surveying Services

Brunswick Rd & Project Dwy

Peak Hour Turning Movement Count

ID: 19-07290-015
City: Grass Valley

Day: Wednesday
Date: 08/28/2019

PEAK HOURS

AM: 07:30 AM - 08:30 AM
NOON: NONE
PM: 04:30 PM - 05:30 PM

COUNT PERIODS

AM: 06:30 AM - 09:30 AM
NOON: NONE
PM: 03:30 PM - 07:30 PM

Brunswick Rd

SOUTHBOUND

AM	4	213	0	0	520	AM
NOON	0	0	0	0	0	NOON
PM	0	515	0	0	344	PM

Project Dwy — EASTBOUND

AM	NOON	PM	
7	0	1	
0	0	0	0
4	0	3	0
0	0	0	0
3	0	1	0
AM	NOON	PM	

WESTBOUND — Project Dwy

PM	NOON	AM	
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	
PM	NOON	AM	

CONTROL

0

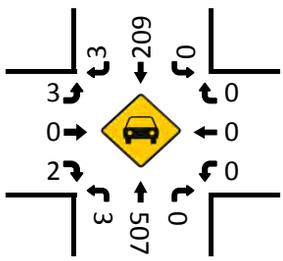
TEV	743	0	861
	AM	NOON	PM
PHF	0.96		0.92

NORTHBOUND

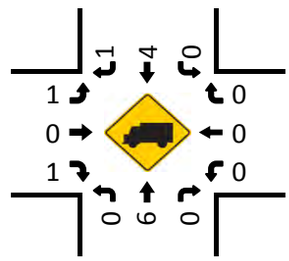
PM	516	0	1	341	0	PM
NOON	0	0	0	0	0	NOON
AM	216	0	3	516	0	AM

Brunswick Rd

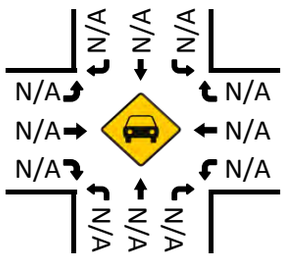
Cars (AM)



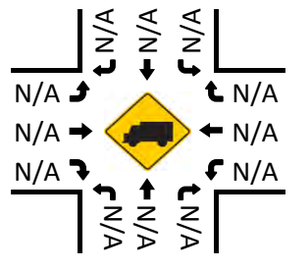
HT (AM)



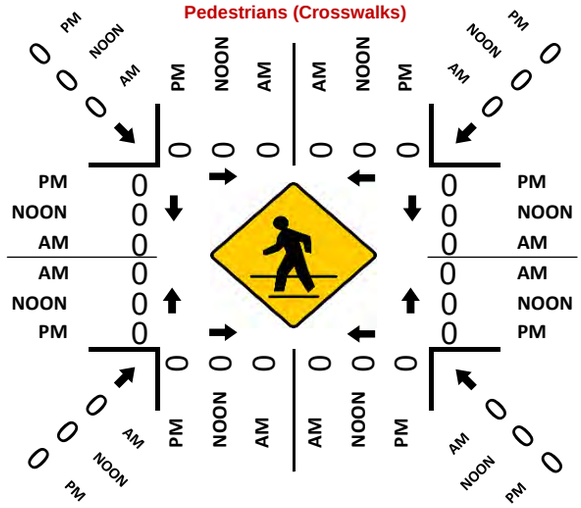
Cars (NOON)



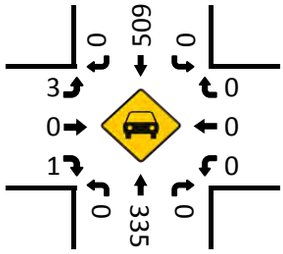
HT (NOON)



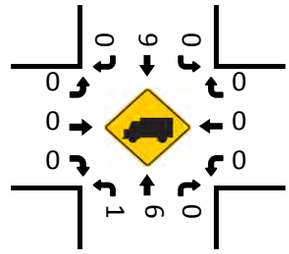
Pedestrians (Crosswalks)



Cars (PM)



HT (PM)



National Data & Surveying Services

Intersection Turning Movement Count

Location: Brunswick Rd & Project Dwy
City: Grass Valley
Control:

Project ID: 19-07290-015
Date: 8/28/2019

Total

NS/EW Streets:	Brunswick Rd				Brunswick Rd				Project Dwy				Project Dwy				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	1	62	0	0	0	34	0	0	3	0	3	0	0	0	0	0	103
6:45 AM	1	85	0	0	0	27	0	0	10	0	7	0	0	0	0	0	130
7:00 AM	0	50	0	0	0	31	0	0	14	0	2	0	0	0	0	0	97
7:15 AM	0	87	0	0	0	40	0	0	1	0	0	0	0	0	0	0	128
7:30 AM	0	126	0	0	0	39	1	0	3	0	1	0	0	0	0	0	170
7:45 AM	2	145	0	0	0	44	2	0	0	0	0	0	0	0	0	0	193
8:00 AM	1	125	0	0	0	65	1	0	0	0	2	0	0	0	0	0	194
8:15 AM	0	120	0	0	0	65	0	0	1	0	0	0	0	0	0	0	186
8:30 AM	0	112	0	0	0	51	2	0	0	0	1	0	0	0	0	0	166
8:45 AM	0	99	0	0	0	63	1	0	0	0	0	0	0	0	0	0	163
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	5	1011	0	0	0	459	7	0	32	0	16	0	0	0	0	0	1530
APPROACH %'s :	0.49%	99.51%	0.00%	0.00%	0.00%	98.50%	1.50%	0.00%	66.67%	0.00%	33.33%	0.00%					
PEAK HR :	07:30 AM - 08:30 AM																TOTAL
PEAK HR VOL :	3	516	0	0	0	213	4	0	4	0	3	0	0	0	0	0	743
PEAK HR FACTOR :	0.375	0.890	0.000	0.000	0.000	0.819	0.500	0.000	0.333	0.000	0.375	0.000	0.000	0.000	0.000	0.000	0.957
		0.883				0.822				0.438							

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	75	0	0	0	121	0	0	0	0	1	0	0	0	0	0	197
3:45 PM	1	84	0	0	0	117	1	0	7	0	4	0	0	0	0	0	214
4:00 PM	0	91	0	0	0	112	0	0	5	0	2	0	0	0	0	0	210
4:15 PM	0	89	0	1	0	98	1	0	0	0	1	0	0	0	0	0	190
4:30 PM	1	94	0	0	0	138	0	0	0	0	0	0	0	0	0	0	233
4:45 PM	0	83	0	0	0	131	0	0	2	0	1	0	0	0	0	0	217
5:00 PM	0	79	0	0	0	137	0	0	0	0	0	0	0	0	0	0	216
5:15 PM	0	85	0	0	0	109	0	0	1	0	0	0	0	0	0	0	195
5:30 PM	0	72	0	0	0	111	0	0	0	0	0	0	0	0	0	0	183
5:45 PM	1	63	0	0	0	89	0	0	1	0	0	0	0	0	0	0	154
6:00 PM	0	51	0	0	0	85	0	0	0	0	0	0	0	0	0	0	136
6:15 PM	0	60	0	0	0	79	0	1	0	0	0	0	0	0	0	0	140
6:30 PM	0	51	0	0	0	77	0	0	0	0	0	0	0	0	0	0	128
6:45 PM	0	46	0	0	0	89	0	0	0	0	0	0	0	0	0	0	135
7:00 PM	0	44	0	0	0	64	0	0	0	0	0	0	0	0	0	0	108
7:15 PM	0	36	0	0	0	56	0	0	0	0	0	0	0	0	0	0	92
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	3	1103	0	1	0	1613	2	1	16	0	9	0	0	0	0	0	2748
APPROACH %'s :	0.27%	99.64%	0.00%	0.09%	0.00%	99.81%	0.12%	0.06%	64.00%	0.00%	36.00%	0.00%					
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	1	341	0	0	0	515	0	0	3	0	1	0	0	0	0	0	861
PEAK HR FACTOR :	0.250	0.907	0.000	0.000	0.000	0.933	0.000	0.000	0.375	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.924
		0.900				0.933				0.333							

National Data & Surveying Services

Intersection Turning Movement Count

Location: Brunswick Rd & Project Dwy
City: Grass Valley
Control: 0

Project ID: 19-07290-015
Date: 8/28/2019

Cars

NS/EW Streets:	Brunswick Rd				Brunswick Rd				Project Dwy				Project Dwy				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0 NL	0 NT	0 NR	0 NU	0 SL	0 ST	0 SR	0 SU	0 EL	0 ET	0 ER	0 EU	0 WL	0 WT	0 WR	0 WU	TOTAL
6:30 AM	1	60	0	0	0	32	0	0	2	0	2	0	0	0	0	0	97
6:45 AM	1	84	0	0	0	24	0	0	7	0	3	0	0	0	0	0	119
7:00 AM	0	48	0	0	0	29	0	0	7	0	1	0	0	0	0	0	85
7:15 AM	0	87	0	0	0	40	0	0	1	0	0	0	0	0	0	0	128
7:30 AM	0	126	0	0	0	37	0	0	2	0	0	0	0	0	0	0	165
7:45 AM	2	141	0	0	0	42	2	0	0	0	0	0	0	0	0	0	187
8:00 AM	1	121	0	0	0	65	1	0	0	0	2	0	0	0	0	0	190
8:15 AM	0	119	0	0	0	65	0	0	1	0	0	0	0	0	0	0	185
8:30 AM	0	112	0	0	0	50	2	0	0	0	1	0	0	0	0	0	165
8:45 AM	0	97	0	0	0	61	1	0	0	0	0	0	0	0	0	0	159
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	5	995	0	0	0	445	6	0	20	0	9	0	0	0	0	0	1480
APPROACH %'s :	0.50%	99.50%	0.00%	0.00%	0.00%	98.67%	1.33%	0.00%	68.97%	0.00%	31.03%	0.00%					
PEAK HR :	**07:30 AM - 08:30 AM**																TOTAL
PEAK HR VOL :	3	507	0	0	0	209	3	0	3	0	2	0	0	0	0	0	727
PEAK HR FACTOR :	0.38	0.899	0.000	0.000	0.000	0.804	0.375	0.000	0.375	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.957
		0.892				0.803				0.625							

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0 NL	0 NT	0 NR	0 NU	0 SL	0 ST	0 SR	0 SU	0 EL	0 ET	0 ER	0 EU	0 WL	0 WT	0 WR	0 WU	TOTAL
3:30 PM	0	71	0	0	0	118	0	0	0	0	1	0	0	0	0	0	190
3:45 PM	0	81	0	0	0	114	1	0	7	0	4	0	0	0	0	0	207
4:00 PM	0	87	0	0	0	110	0	0	5	0	2	0	0	0	0	0	204
4:15 PM	0	86	0	1	0	94	1	0	0	0	1	0	0	0	0	0	183
4:30 PM	0	93	0	0	0	135	0	0	0	0	0	0	0	0	0	0	228
4:45 PM	0	82	0	0	0	130	0	0	2	0	1	0	0	0	0	0	215
5:00 PM	0	76	0	0	0	135	0	0	0	0	0	0	0	0	0	0	211
5:15 PM	0	84	0	0	0	109	0	0	1	0	0	0	0	0	0	0	194
5:30 PM	0	70	0	0	0	111	0	0	0	0	0	0	0	0	0	0	181
5:45 PM	1	63	0	0	0	89	0	0	1	0	0	0	0	0	0	0	154
6:00 PM	0	51	0	0	0	85	0	0	0	0	0	0	0	0	0	0	136
6:15 PM	0	59	0	0	0	79	0	1	0	0	0	0	0	0	0	0	139
6:30 PM	0	51	0	0	0	77	0	0	0	0	0	0	0	0	0	0	128
6:45 PM	0	46	0	0	0	88	0	0	0	0	0	0	0	0	0	0	134
7:00 PM	0	44	0	0	0	62	0	0	0	0	0	0	0	0	0	0	106
7:15 PM	0	34	0	0	0	56	0	0	0	0	0	0	0	0	0	0	90
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	1	1078	0	1	0	1592	2	1	16	0	9	0	0	0	0	0	2700
APPROACH %'s :	0.09%	99.81%	0.00%	0.09%	0.00%	99.81%	0.13%	0.06%	64.00%	0.00%	36.00%	0.00%					
PEAK HR :	**04:30 PM - 05:30 PM**																TOTAL
PEAK HR VOL :	0	335	0	0	0	509	0	0	3	0	1	0	0	0	0	0	848
PEAK HR FACTOR :	0.00	0.901	0.000	0.000	0.000	0.943	0.000	0.000	0.375	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.930
		0.901				0.943				0.333							

National Data & Surveying Services

Intersection Turning Movement Count

Location: Brunswick Rd & Project Dwy
City: Grass Valley
Control: 0

Project ID: 19-07290-015
Date: 8/28/2019

HT

NS/EW Streets:	Brunswick Rd				Brunswick Rd				Project Dwy				Project Dwy				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	2	0	0	0	2	0	0	1	0	1	0	0	0	0	0	6
6:45 AM	0	1	0	0	0	3	0	0	3	0	4	0	0	0	0	0	11
7:00 AM	0	2	0	0	0	2	0	0	7	0	1	0	0	0	0	0	12
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	2	1	0	1	0	1	0	0	0	0	0	5
7:45 AM	0	4	0	0	0	2	0	0	0	0	0	0	0	0	0	0	6
8:00 AM	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
8:15 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
8:30 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
8:45 AM	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	4
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	16	0	0	0	14	1	0	12	0	7	0	0	0	0	0	50
APPROACH %'s :	0.00%	100.00%	0.00%	0.00%	0.00%	93.33%	6.67%	0.00%	63.16%	0.00%	36.84%	0.00%					
PEAK HR :	07:30 AM - 08:30 AM																TOTAL
PEAK HR VOL :	0	9	0	0	0	4	1	0	1	0	1	0	0	0	0	0	16
PEAK HR FACTOR :	0.000	0.563	0.000	0.000	0.000	0.500	0.250	0.000	0.250	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.667
		0.563				0.417				0.250							

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	4	0	0	0	3	0	0	0	0	0	0	0	0	0	0	7
3:45 PM	1	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	7
4:00 PM	0	4	0	0	0	2	0	0	0	0	0	0	0	0	0	0	6
4:15 PM	0	3	0	0	0	4	0	0	0	0	0	0	0	0	0	0	7
4:30 PM	1	1	0	0	0	3	0	0	0	0	0	0	0	0	0	0	5
4:45 PM	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
5:00 PM	0	3	0	0	0	2	0	0	0	0	0	0	0	0	0	0	5
5:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5:30 PM	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
7:00 PM	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
7:15 PM	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	2	25	0	0	0	21	0	0	0	0	0	0	0	0	0	0	48
APPROACH %'s :	7.41%	92.59%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%									
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	1	6	0	0	0	6	0	0	0	0	0	0	0	0	0	0	13
PEAK HR FACTOR :	0.25	0.500	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.650
		0.583				0.500											

National Data & Surveying Services

Intersection Turning Movement Count

Location: Brunswick Rd & Project Dwy
City: Grass Valley
Control: 0

Project ID: 19-07290-015
Date: 8/28/2019

Bikes

NS/EW Streets:	Brunswick Rd				Brunswick Rd				Project Dwy				Project Dwy				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
APPROACH %'s :	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%									
PEAK HR :	07:30 AM - 08:30 AM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
5:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	2	0	0	0	4	0	0	0	0	0	0	0	0	0	0	6
APPROACH %'s :	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%									
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	0	4
PEAK HR FACTOR :	0.00	0.250	0.000	0.000	0.000	0.375	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500
		0.250				0.375											

National Data & Surveying Services

Intersection Turning Movement Count

Location: Brunswick Rd & Project Dwy
City: Grass Valley

Project ID: 19-07290-015
Date: 8/28/2019

Pedestrians (Crosswalks)

NS/EW Streets:	Brunswick Rd		Brunswick Rd		Project Dwy		Project Dwy		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	0
APPROACH %'s :									
PEAK HR :	07:30 AM - 08:30 AM								TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :									

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	0
APPROACH %'s :									
PEAK HR :	04:30 PM - 05:30 PM								TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :									

Prepared by National Data & Surveying Services

Whispering Pines Ln & Project Access/Foster & Son Dwy/E/O Centennial Dr

Peak Hour Turning Movement Count

ID: 19-07290-016
City: Grass Valley

Day: Wednesday
Date: 08/28/2019

PEAK HOURS

AM: 07:45 AM - 08:45 AM
NOON: NONE
PM: 04:30 PM - 05:30 PM

COUNT PERIODS

AM: 06:30 AM - 09:30 AM
NOON: NONE
PM: 03:30 PM - 07:30 PM

Whispering Pines Ln — SOUTHBOUND

AM	0	103	0	0	308	AM
NOON	0	0	0	0	0	NOON
PM	0	261	0	0	114	PM

EASTBOUND — Project Access/Foster & Son Dwy

AM	NOON	PM	
0	0	1	
0	0	0	0
2	0	0	0
0	0	0	0
0	0	0	0
AM	NOON	PM	

WESTBOUND — Project Access/Foster & Son Dwy

PM	NOON	AM	
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
			0
PM	NOON	AM	

CONTROL

0

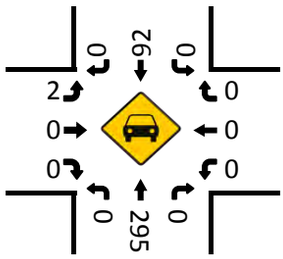
TEV	411	0	376
	AM	NOON	PM
PHF	0.84		0.75

Project Access/Foster & Son Dwy — NORTHBOUND

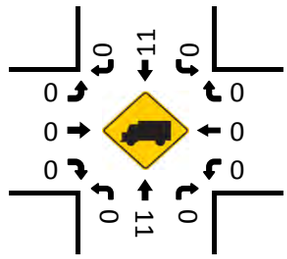
PM	261	0	1	114	0	PM
NOON	0	0	0	0	0	NOON
AM	103	0	0	306	0	AM

Whispering Pines Ln

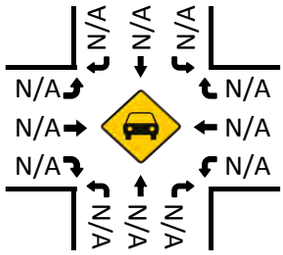
Cars (AM)



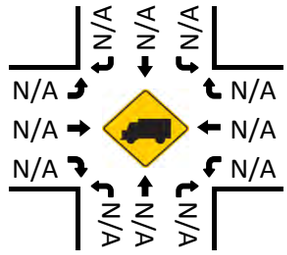
HT (AM)



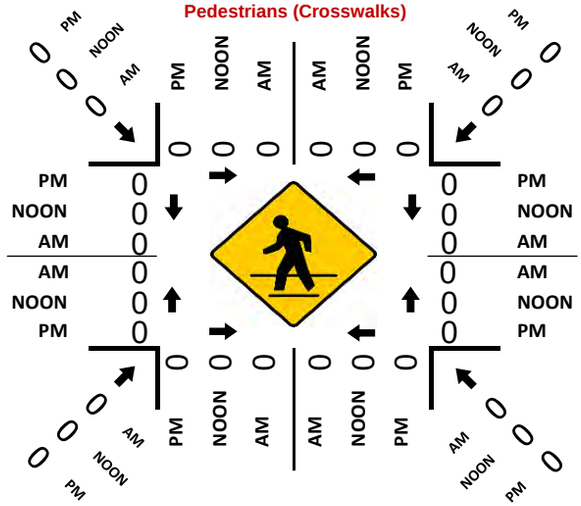
Cars (NOON)



HT (NOON)



Pedestrians (Crosswalks)


PM
NOON
AM
0
0
0
0
0
0
0

National Data & Surveying Services

Intersection Turning Movement Count

Location: Whispering Pines Ln & Project Access/Foster & Son Dwy/E/O Centennial Dr
City: Grass Valley
Control:

Project ID: 19-07290-016
Date: 8/28/2019

Total

NS/EW Streets:	Whispering Pines Ln				Whispering Pines Ln				Project Access/Foster & Son Dwy/E/O Centennial Dr				Project Access/Foster & Son Dwy/E/O Centennial Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	38	0	0	0	13	0	0	1	0	1	0	0	0	0	0	53
6:45 AM	0	68	0	0	0	18	0	0	0	0	0	0	0	0	0	0	86
7:00 AM	0	34	0	0	0	27	0	0	0	0	0	0	0	0	0	0	61
7:15 AM	0	36	0	0	0	8	0	0	0	0	0	0	0	0	0	0	44
7:30 AM	1	36	0	0	0	18	1	0	1	0	1	0	0	0	0	0	58
7:45 AM	0	87	0	0	0	36	0	0	0	0	0	0	0	0	0	0	123
8:00 AM	0	77	0	0	0	19	0	0	2	0	0	0	0	0	0	0	98
8:15 AM	0	80	0	0	0	25	0	0	0	0	0	0	0	0	0	0	105
8:30 AM	0	62	0	0	0	23	0	0	0	0	0	0	0	0	0	0	85
8:45 AM	0	54	0	0	0	21	0	0	0	0	0	0	0	0	0	0	75
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	1	572	0	0	0	208	1	0	4	0	2	0	0	0	0	0	788
APPROACH %'s :	0.17%	99.83%	0.00%	0.00%	0.00%	99.52%	0.48%	0.00%	66.67%	0.00%	33.33%	0.00%					
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	0	306	0	0	0	103	0	0	2	0	0	0	0	0	0	0	411
PEAK HR FACTOR :	0.000	0.879	0.000	0.000	0.000	0.715	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.835
		0.879				0.715				0.250							

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	1	26	0	0	0	66	0	0	1	0	0	0	0	0	0	0	94
3:45 PM	1	38	0	0	0	29	0	0	0	0	0	0	0	0	0	0	68
4:00 PM	1	22	0	0	0	41	0	0	0	0	0	0	0	0	0	0	64
4:15 PM	2	19	0	0	0	38	0	0	0	0	0	0	0	0	0	0	59
4:30 PM	0	25	0	0	0	63	0	0	0	0	0	0	0	0	0	0	88
4:45 PM	0	27	0	0	0	57	0	0	0	0	0	0	0	0	0	0	84
5:00 PM	1	34	0	0	0	90	0	0	0	0	0	0	0	0	0	0	125
5:15 PM	0	28	0	0	0	51	0	0	0	0	0	0	0	0	0	0	79
5:30 PM	0	16	0	0	0	64	0	0	0	0	0	0	0	0	0	0	80
5:45 PM	0	10	0	0	0	27	0	0	0	0	0	0	0	0	0	0	37
6:00 PM	0	16	0	0	0	26	0	0	0	0	0	0	0	0	0	0	42
6:15 PM	0	12	0	0	0	12	0	0	0	0	1	0	0	0	0	0	25
6:30 PM	0	11	0	0	0	24	1	0	0	0	0	0	0	0	0	0	36
6:45 PM	0	13	0	0	0	20	0	0	0	0	0	0	0	0	0	0	33
7:00 PM	0	14	0	0	0	6	0	0	0	0	0	0	0	0	0	0	20
7:15 PM	0	18	0	0	0	5	0	0	0	0	0	0	0	0	0	0	23
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	6	329	0	0	0	619	1	0	1	0	1	0	0	0	0	0	957
APPROACH %'s :	1.79%	98.21%	0.00%	0.00%	0.00%	99.84%	0.16%	0.00%	50.00%	0.00%	50.00%	0.00%					
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	1	114	0	0	0	261	0	0	0	0	0	0	0	0	0	0	376
PEAK HR FACTOR :	0.250	0.838	0.000	0.000	0.000	0.725	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.752
		0.821				0.725											

National Data & Surveying Services

Intersection Turning Movement Count

Location: Whispering Pines Ln & Project Access/Foster & Son Dwy/E/O Centennial Dr
City: Grass Valley
Control: 0

Project ID: 19-07290-016
Date: 8/28/2019

Cars

NS/EW Streets:	Whispering Pines Ln				Whispering Pines Ln				Project Access/Foster & Son Dwy/E/O Centennial Dr				Project Access/Foster & Son Dwy/E/O Centennial Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	38	0	0	0	11	0	0	0	0	0	0	0	0	0	0	49
6:45 AM	0	67	0	0	0	15	0	0	0	0	0	0	0	0	0	0	82
7:00 AM	0	32	0	0	0	25	0	0	0	0	0	0	0	0	0	0	57
7:15 AM	0	36	0	0	0	7	0	0	0	0	0	0	0	0	0	0	43
7:30 AM	1	35	0	0	0	15	1	0	1	0	1	0	0	0	0	0	54
7:45 AM	0	85	0	0	0	31	0	0	0	0	0	0	0	0	0	0	116
8:00 AM	0	76	0	0	0	16	0	0	2	0	0	0	0	0	0	0	94
8:15 AM	0	78	0	0	0	23	0	0	0	0	0	0	0	0	0	0	101
8:30 AM	0	56	0	0	0	22	0	0	0	0	0	0	0	0	0	0	78
8:45 AM	0	53	0	0	0	19	0	0	0	0	0	0	0	0	0	0	72
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	1	556	0	0	0	184	1	0	3	0	1	0	0	0	0	0	746
APPROACH %'s :	0.18%	99.82%	0.00%	0.00%	0.00%	99.46%	0.54%	0.00%	75.00%	0.00%	25.00%	0.00%					
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	0	295	0	0	0	92	0	0	2	0	0	0	0	0	0	0	389
PEAK HR FACTOR :	0.00	0.868	0.000	0.000	0.000	0.742	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.838
		0.868				0.742				0.250							

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	1	24	0	0	0	62	0	0	1	0	0	0	0	0	0	0	88
3:45 PM	0	35	0	0	0	28	0	0	0	0	0	0	0	0	0	0	63
4:00 PM	0	20	0	0	0	40	0	0	0	0	0	0	0	0	0	0	60
4:15 PM	0	18	0	0	0	35	0	0	0	0	0	0	0	0	0	0	53
4:30 PM	0	25	0	0	0	63	0	0	0	0	0	0	0	0	0	0	88
4:45 PM	0	21	0	0	0	57	0	0	0	0	0	0	0	0	0	0	78
5:00 PM	0	26	0	0	0	90	0	0	0	0	0	0	0	0	0	0	116
5:15 PM	0	27	0	0	0	49	0	0	0	0	0	0	0	0	0	0	76
5:30 PM	0	14	0	0	0	64	0	0	0	0	0	0	0	0	0	0	78
5:45 PM	0	10	0	0	0	25	0	0	0	0	0	0	0	0	0	0	35
6:00 PM	0	15	0	0	0	26	0	0	0	0	0	0	0	0	0	0	41
6:15 PM	0	9	0	0	0	12	0	0	0	0	1	0	0	0	0	0	22
6:30 PM	0	10	0	0	0	24	0	0	0	0	0	0	0	0	0	0	34
6:45 PM	0	13	0	0	0	20	0	0	0	0	0	0	0	0	0	0	33
7:00 PM	0	13	0	0	0	6	0	0	0	0	0	0	0	0	0	0	19
7:15 PM	0	18	0	0	0	5	0	0	0	0	0	0	0	0	0	0	23
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	1	298	0	0	0	606	0	0	1	0	1	0	0	0	0	0	907
APPROACH %'s :	0.33%	99.67%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	50.00%	0.00%	50.00%	0.00%					
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	0	99	0	0	0	259	0	0	0	0	0	0	0	0	0	0	358
PEAK HR FACTOR :	0.00	0.917	0.000	0.000	0.000	0.719	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.772
		0.917				0.719											

National Data & Surveying Services

Intersection Turning Movement Count

Location: Whispering Pines Ln & Project Access/Foster & Son Dwy/E/O Centennial Dr
City: Grass Valley
Control: 0

Project ID: 19-07290-016
Date: 8/28/2019

HT

NS/EW Streets:	Whispering Pines Ln				Whispering Pines Ln				Project Access/Foster & Son Dwy/E/O Centennial Dr				Project Access/Foster & Son Dwy/E/O Centennial Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	2	0	0	1	0	1	0	0	0	0	0	4
6:45 AM	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	0	4
7:00 AM	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	4
7:15 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
7:30 AM	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	0	4
7:45 AM	0	2	0	0	0	5	0	0	0	0	0	0	0	0	0	0	7
8:00 AM	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	0	4
8:15 AM	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	4
8:30 AM	0	6	0	0	0	1	0	0	0	0	0	0	0	0	0	0	7
8:45 AM	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	3
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	16	0	0	0	24	0	0	1	0	1	0	0	0	0	0	42
APPROACH %'s :	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	50.00%	0.00%	50.00%	0.00%					
PEAK HR :	**07:45 AM - 08:45 AM**																TOTAL
PEAK HR VOL :	0	11	0	0	0	11	0	0	0	0	0	0	0	0	0	0	22
PEAK HR FACTOR :	0.000	0.458	0.000	0.000	0.000	0.550	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.786
		0.458				0.550											

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	2	0	0	0	4	0	0	0	0	0	0	0	0	0	0	6
3:45 PM	1	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	5
4:00 PM	1	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	4
4:15 PM	2	1	0	0	0	3	0	0	0	0	0	0	0	0	0	0	6
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
5:00 PM	1	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
5:15 PM	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	3
5:30 PM	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
5:45 PM	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
6:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6:15 PM	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
6:30 PM	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	5	31	0	0	0	13	1	0	0	0	0	0	0	0	0	0	50
APPROACH %'s :	13.89%	86.11%	0.00%	0.00%	0.00%	92.86%	7.14%	0.00%									
PEAK HR :	**04:30 PM - 05:30 PM**																TOTAL
PEAK HR VOL :	1	15	0	0	0	2	0	0	0	0	0	0	0	0	0	0	18
PEAK HR FACTOR :	0.25	0.469	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500
		0.444				0.250											

National Data & Surveying Services

Intersection Turning Movement Count

Location: Whispering Pines Ln & Project Access/Foster & Son Dwy/E/O Centennial Dr
City: Grass Valley
Control: 0

Project ID: 19-07290-016
Date: 8/28/2019

Bikes

NS/EW Streets:	Whispering Pines Ln				Whispering Pines Ln				Project Access/Foster & Son Dwy/E/O Centennial Dr				Project Access/Foster & Son Dwy/E/O Centennial Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
APPROACH %'s :																	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
APPROACH %'s :					0.00%	100.00%	0.00%	0.00%									
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

National Data & Surveying Services

Intersection Turning Movement Count

Location: Whispering Pines Ln & Project Access/Foster & Son Dwy/E/O Center **Project ID:** 19-07290-016
City: Grass Valley **Date:** 8/28/2019

Pedestrians (Crosswalks)

NS/EW Streets:	Whispering Pines Ln		Whispering Pines Ln		Project Access/Foster & Son Dwy/E/O Centennial		Project Access/Foster & Son Dwy/E/O Centennial		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	0
APPROACH %'s :									
PEAK HR :	**07:45 AM - 08:45 AM**								TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :									

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	0
APPROACH %'s :									
PEAK HR :	**04:30 PM - 05:30 PM**								TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :									

Prepared by National Data & Surveying Services

Railroad Ave & Idaho Maryland Rd

Peak Hour Turning Movement Count

ID: 19-07290-017
City: Grass Valley

Day: Wednesday
Date: 08/28/2019

PEAK HOURS

AM	08:00 AM - 09:00 AM
NOON	NONE
PM	04:30 PM - 05:30 PM

COUNT PERIODS

AM	06:30 AM - 09:30 AM
NOON	NONE
PM	03:30 PM - 07:30 PM

Railroad Ave — SOUTHBOUND

AM	0	0	0	0	0	AM
NOON	0	0	0	0	0	NOON
PM	0	0	0	0	0	PM

Idaho Maryland Rd — EASTBOUND

AM	NOON	PM	
368	0	722	
0	0	0	0
0	0	0	0
552	0	365	0
122	0	72	0
AM	NOON	PM	

Idaho Maryland Rd — WESTBOUND

PM	NOON	AM	
0	0	0	0
629	0	286	0
22	0	22	0
1	0	0	0
396	0	582	
PM	NOON	AM	

CONTROL

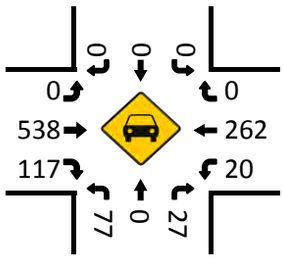
0

TEV	1094	0	1212
	AM	NOON	PM
PHF	0.95		0.87

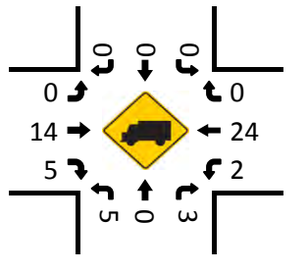
Railroad Ave — NORTHBOUND

PM	94	0	93	0	30	PM
NOON	0	0	0	0	0	NOON
AM	144	0	82	0	30	AM

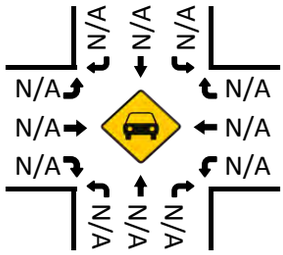
Cars (AM)



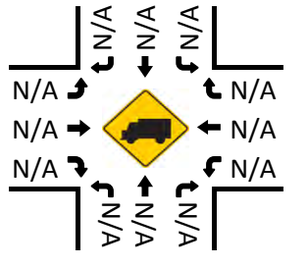
HT (AM)



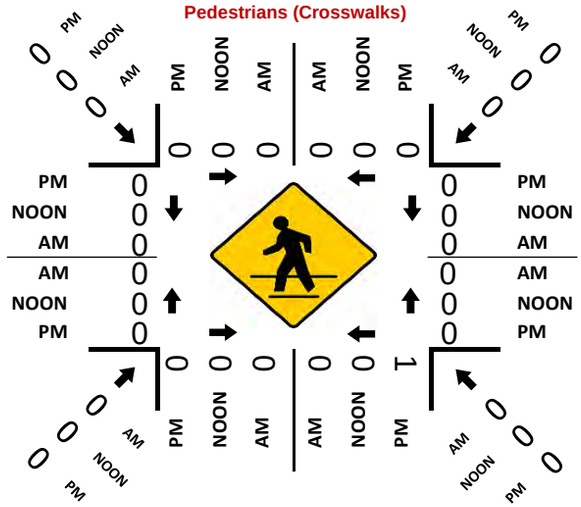
Cars (NOON)



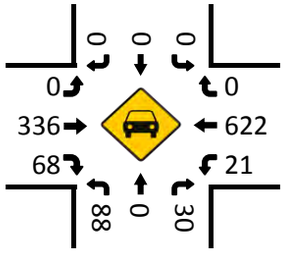
HT (NOON)



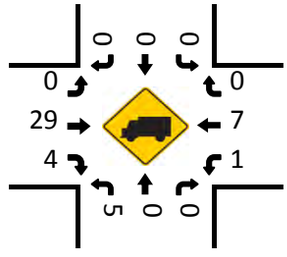
Pedestrians (Crosswalks)



Cars (PM)



HT (PM)



National Data & Surveying Services

Intersection Turning Movement Count

Location: Railroad Ave & Idaho Maryland Rd
City: Grass Valley
Control:

Project ID: 19-07290-017
Date: 8/28/2019

Total

NS/EW Streets:	Railroad Ave				Railroad Ave				Idaho Maryland Rd				Idaho Maryland Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	1	0	3	0	0	0	0	0	0	106	7	0	4	27	0	0	148
6:45 AM	8	0	3	0	0	0	0	0	0	149	24	0	5	40	0	0	229
7:00 AM	14	0	1	0	0	0	0	0	0	73	16	0	5	42	0	0	151
7:15 AM	21	0	0	0	0	0	0	0	0	105	21	0	6	32	0	0	185
7:30 AM	12	0	4	0	0	0	0	0	0	103	20	0	4	59	0	0	202
7:45 AM	10	0	5	0	0	0	0	0	0	150	35	0	6	70	0	0	276
8:00 AM	17	0	3	0	0	0	0	0	0	127	27	0	9	69	0	0	252
8:15 AM	20	0	10	0	0	0	0	0	0	160	32	0	3	64	0	0	289
8:30 AM	17	0	7	0	0	0	0	0	0	131	25	0	5	87	0	0	272
8:45 AM	28	0	10	0	0	0	0	0	0	134	38	0	5	66	0	0	281
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	148	0	46	0	0	0	0	0	0	1238	245	0	52	556	0	0	2285
APPROACH %'s :	76.29%	0.00%	23.71%	0.00%					0.00%	83.48%	16.52%	0.00%	8.55%	91.45%	0.00%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	82	0	30	0	0	0	0	0	0	552	122	0	22	286	0	0	1094
PEAK HR FACTOR :	0.732	0.000	0.750	0.000	0.000	0.000	0.000	0.000	0.000	0.863	0.803	0.000	0.611	0.822	0.000	0.000	0.946
	0.737								0.878				0.837				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	26	0	7	0	0	0	0	0	0	87	26	0	8	148	0	0	302
3:45 PM	25	0	16	0	0	0	0	0	0	95	24	0	12	133	0	0	305
4:00 PM	25	0	13	0	0	0	0	0	0	99	23	0	5	134	0	0	299
4:15 PM	31	0	13	0	0	0	0	0	0	94	15	0	6	108	0	0	267
4:30 PM	19	0	9	0	0	0	0	0	0	91	18	0	3	149	0	0	289
4:45 PM	24	0	6	0	0	0	0	0	0	95	18	0	8	139	0	1	291
5:00 PM	30	0	8	0	0	0	0	0	0	89	17	0	9	195	0	0	348
5:15 PM	20	0	7	0	0	0	0	0	0	90	19	0	2	146	0	0	284
5:30 PM	22	0	3	0	0	0	0	0	0	63	9	0	1	145	0	0	243
5:45 PM	14	0	1	0	0	0	0	0	0	68	7	0	1	98	0	0	189
6:00 PM	13	0	3	0	0	0	0	0	0	54	9	0	3	87	0	0	169
6:15 PM	9	0	3	0	0	0	0	0	0	51	11	0	0	68	0	0	142
6:30 PM	8	0	3	0	0	0	0	0	0	50	6	0	1	63	0	0	131
6:45 PM	6	0	3	0	0	0	0	0	0	45	1	0	0	59	0	0	114
7:00 PM	9	0	5	0	0	0	0	0	0	38	1	0	0	58	0	0	111
7:15 PM	4	0	1	0	0	0	0	0	0	32	0	0	1	37	0	0	75
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	285	0	101	0	0	0	0	0	0	1141	204	0	60	1767	0	1	3559
APPROACH %'s :	73.83%	0.00%	26.17%	0.00%					0.00%	84.83%	15.17%	0.00%	3.28%	96.66%	0.00%	0.05%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	93	0	30	0	0	0	0	0	0	365	72	0	22	629	0	1	1212
PEAK HR FACTOR :	0.775	0.000	0.833	0.000	0.000	0.000	0.000	0.000	0.000	0.961	0.947	0.000	0.611	0.806	0.000	0.250	0.871
	0.809								0.967				0.799				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Railroad Ave & Idaho Maryland Rd
City: Grass Valley
Control: 0

Project ID: 19-07290-017
Date: 8/28/2019

Cars

NS/EW Streets:	Railroad Ave				Railroad Ave				Idaho Maryland Rd				Idaho Maryland Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	1	0	2	0	0	0	0	0	0	103	6	0	3	21	0	0	136
6:45 AM	6	0	3	0	0	0	0	0	0	148	23	0	4	35	0	0	219
7:00 AM	11	0	1	0	0	0	0	0	0	69	16	0	5	38	0	0	140
7:15 AM	18	0	0	0	0	0	0	0	0	103	20	0	6	28	0	0	175
7:30 AM	11	0	4	0	0	0	0	0	0	102	19	0	4	49	0	0	189
7:45 AM	10	0	5	0	0	0	0	0	0	149	34	0	6	56	0	0	260
8:00 AM	15	0	3	0	0	0	0	0	0	125	27	0	9	65	0	0	244
8:15 AM	19	0	9	0	0	0	0	0	0	158	29	0	3	60	0	0	278
8:30 AM	16	0	6	0	0	0	0	0	0	123	24	0	3	78	0	0	250
8:45 AM	27	0	9	0	0	0	0	0	0	132	37	0	5	59	0	0	269
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	134	0	42	0	0	0	0	0	0	1212	235	0	48	489	0	0	2160
APPROACH %'s :	76.14%	0.00%	23.86%	0.00%					0.00%	83.76%	16.24%	0.00%	8.94%	91.06%	0.00%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	77	0	27	0	0	0	0	0	0	538	117	0	20	262	0	0	1041
PEAK HR FACTOR :	0.71	0.000	0.750	0.000	0.000	0.000	0.000	0.000	0.000	0.851	0.791	0.000	0.556	0.840	0.000	0.000	0.936
	0.722								0.876				0.870				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	25	0	7	0	0	0	0	0	0	83	26	0	8	146	0	0	295
3:45 PM	24	0	15	0	0	0	0	0	0	90	23	0	12	128	0	0	292
4:00 PM	25	0	13	0	0	0	0	0	0	94	22	0	4	133	0	0	291
4:15 PM	29	0	13	0	0	0	0	0	0	87	13	0	6	106	0	0	254
4:30 PM	18	0	9	0	0	0	0	0	0	85	18	0	3	144	0	0	277
4:45 PM	22	0	6	0	0	0	0	0	0	90	15	0	7	137	0	1	278
5:00 PM	29	0	8	0	0	0	0	0	0	79	16	0	9	195	0	0	336
5:15 PM	19	0	7	0	0	0	0	0	0	82	19	0	2	146	0	0	275
5:30 PM	22	0	3	0	0	0	0	0	0	59	8	0	1	142	0	0	235
5:45 PM	14	0	1	0	0	0	0	0	0	68	7	0	1	95	0	0	186
6:00 PM	13	0	3	0	0	0	0	0	0	53	8	0	3	85	0	0	165
6:15 PM	9	0	2	0	0	0	0	0	0	50	11	0	0	68	0	0	140
6:30 PM	8	0	3	0	0	0	0	0	0	47	6	0	1	63	0	0	128
6:45 PM	6	0	3	0	0	0	0	0	0	45	1	0	0	59	0	0	114
7:00 PM	9	0	5	0	0	0	0	0	0	36	1	0	0	57	0	0	108
7:15 PM	4	0	1	0	0	0	0	0	0	31	0	0	1	37	0	0	74
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	276	0	99	0	0	0	0	0	0	1079	194	0	58	1741	0	1	3448
APPROACH %'s :	73.60%	0.00%	26.40%	0.00%					0.00%	84.76%	15.24%	0.00%	3.22%	96.72%	0.00%	0.06%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	88	0	30	0	0	0	0	0	0	336	68	0	21	622	0	1	1166
PEAK HR FACTOR :	0.76	0.000	0.833	0.000	0.000	0.000	0.000	0.000	0.000	0.933	0.895	0.000	0.583	0.797	0.000	0.250	0.868
	0.797								0.962				0.789				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Railroad Ave & Idaho Maryland Rd
City: Grass Valley
Control: 0

Project ID: 19-07290-017
Date: 8/28/2019

HT

NS/EW Streets:	Railroad Ave				Railroad Ave				Idaho Maryland Rd				Idaho Maryland Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	1	0	0	0	0	0	0	3	1	0	1	6	0	0	12
6:45 AM	2	0	0	0	0	0	0	0	0	1	1	0	1	5	0	0	10
7:00 AM	3	0	0	0	0	0	0	0	0	4	0	0	0	4	0	0	11
7:15 AM	3	0	0	0	0	0	0	0	0	2	1	0	0	4	0	0	10
7:30 AM	1	0	0	0	0	0	0	0	0	1	1	0	0	10	0	0	13
7:45 AM	0	0	0	0	0	0	0	0	0	1	1	0	0	14	0	0	16
8:00 AM	2	0	0	0	0	0	0	0	0	2	0	0	0	4	0	0	8
8:15 AM	1	0	1	0	0	0	0	0	0	2	3	0	0	4	0	0	11
8:30 AM	1	0	1	0	0	0	0	0	0	8	1	0	2	9	0	0	22
8:45 AM	1	0	1	0	0	0	0	0	0	2	1	0	0	7	0	0	12
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	14	0	4	0	0	0	0	0	0	26	10	0	4	67	0	0	125
APPROACH %'s :	77.78%	0.00%	22.22%	0.00%					0.00%	72.22%	27.78%	0.00%	5.63%	94.37%	0.00%	0.00%	
PEAK HR :	**08:00 AM - 09:00 AM**																TOTAL
PEAK HR VOL :	5	0	3	0	0	0	0	0	0	14	5	0	2	24	0	0	53
PEAK HR FACTOR :	0.625	0.000	0.750	0.000	0.000	0.000	0.000	0.000	0.000	0.438	0.417	0.000	0.250	0.667	0.000	0.000	0.602
	1.000								0.528				0.591				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	1	0	0	0	0	0	0	0	0	4	0	0	0	2	0	0	7
3:45 PM	1	0	1	0	0	0	0	0	0	5	1	0	0	5	0	0	13
4:00 PM	0	0	0	0	0	0	0	0	0	5	1	0	1	1	0	0	8
4:15 PM	2	0	0	0	0	0	0	0	0	7	2	0	0	2	0	0	13
4:30 PM	1	0	0	0	0	0	0	0	0	6	0	0	0	5	0	0	12
4:45 PM	2	0	0	0	0	0	0	0	0	5	3	0	1	2	0	0	13
5:00 PM	1	0	0	0	0	0	0	0	0	10	1	0	0	0	0	0	12
5:15 PM	1	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	9
5:30 PM	0	0	0	0	0	0	0	0	0	4	1	0	0	3	0	0	8
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3
6:00 PM	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	0	4
6:15 PM	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	2
6:30 PM	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	3
7:15 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	9	0	2	0	0	0	0	0	0	62	10	0	2	26	0	0	111
APPROACH %'s :	81.82%	0.00%	18.18%	0.00%					0.00%	86.11%	13.89%	0.00%	7.14%	92.86%	0.00%	0.00%	
PEAK HR :	**04:30 PM - 05:30 PM**																TOTAL
PEAK HR VOL :	5	0	0	0	0	0	0	0	0	29	4	0	1	7	0	0	46
PEAK HR FACTOR :	0.63	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.725	0.333	0.000	0.250	0.350	0.000	0.000	0.885
	0.625								0.750				0.400				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Railroad Ave & Idaho Maryland Rd
City: Grass Valley
Control: 0

Project ID: 19-07290-017
Date: 8/28/2019

Bikes

NS/EW Streets:	Railroad Ave				Railroad Ave				Idaho Maryland Rd				Idaho Maryland Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
8:30 AM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	5
APPROACH %'s :									0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	4
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.375	0.000	0.000	0.000	0.250	0.000	0.000	0.500
										0.375				0.250			

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
3:45 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2
5:45 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
6:30 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	3
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	0	5	0	0	0	10	0	0	15
APPROACH %'s :									0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
PEAK HR FACTOR :	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.250
														0.250			

National Data & Surveying Services

Intersection Turning Movement Count

Location: Railroad Ave & Idaho Maryland Rd
City: Grass Valley

Project ID: 19-07290-017
Date: 8/28/2019

Pedestrians (Crosswalks)

NS/EW Streets:	Railroad Ave		Railroad Ave		Idaho Maryland Rd		Idaho Maryland Rd		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	1	0	0	0	0	1
7:00 AM	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	0	1	0	0	0	0	1
APPROACH %'s :			0.00%	100.00%					
PEAK HR :	08:00 AM - 09:00 AM								TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :									

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	1	0	0	0	0	1
5:15 PM	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	0	1	0	0	0	0	1
APPROACH %'s :			0.00%	100.00%					
PEAK HR :	04:30 PM - 05:30 PM								TOTAL
PEAK HR VOL :	0	0	0	1	0	0	0	0	1
PEAK HR FACTOR :				0.250					0.250
			0.250						

Prepared by National Data & Surveying Services

Centennial Dr & Idaho Maryland Rd

Peak Hour Turning Movement Count

ID: 19-07390-001
City: Grass Valley

Day: Wednesday
Date: 10/23/2019

PEAK HOURS

AM: 08:00 AM - 09:00 AM
NOON: NONE
PM: 03:30 PM - 04:30 PM

COUNT PERIODS

AM: 06:30 AM - 09:00 AM
NOON: NONE
PM: 03:30 PM - 07:30 PM

Centennial Dr — SOUTHBOUND

AM	0	0	0	0	0	AM
NOON	0	0	0	0	0	NOON
PM	0	0	0	0	0	PM

Idaho Maryland Rd — EASTBOUND

AM	NOON	PM	
251	0	597	⇦
0	0	0	↶ 0
0	0	0	↱ 0
200	0	260	→ 0
232	0	117	↴ 0
AM	NOON	PM	

Idaho Maryland Rd — WESTBOUND

PM	NOON	AM	
0	0	0	0 ↰
357	0	180	0 ←
9	0	21	0 ↰
0	0	0	0 ↰
292	0	211	⇨
PM	NOON	AM	

CONTROL

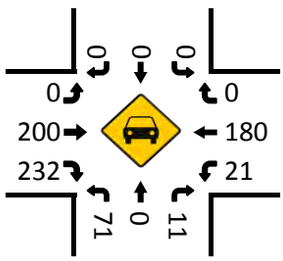
1-Way Stop (NB)

TEV	715 AM	0 NOON	1015 PM
PHF	0.97		0.80

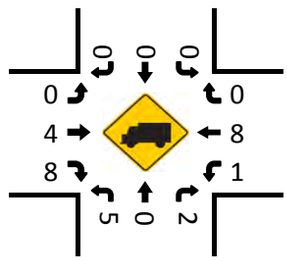
Centennial Dr — NORTHBOUND

PM	126	0	240	0	32	PM
NOON	0	0	0	0	0	NOON
AM	253	0	71	0	11	AM

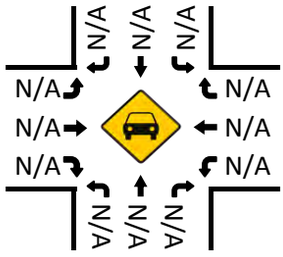
Total Vehicles (AM)



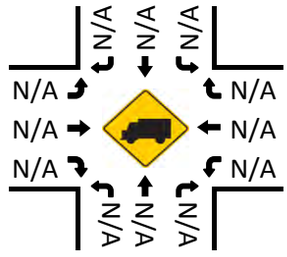
HT (AM)



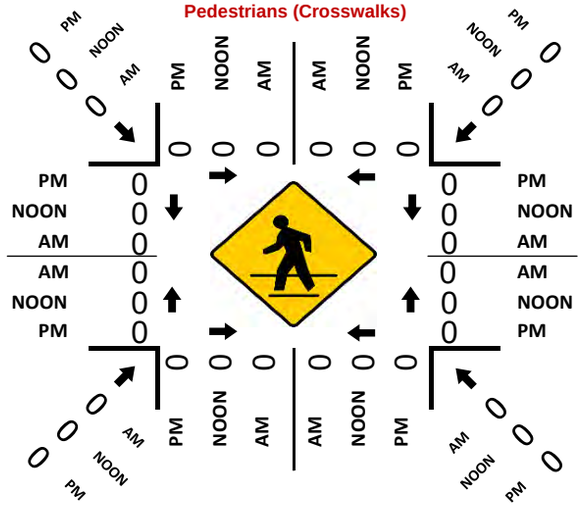
Total Vehicles (Noon)



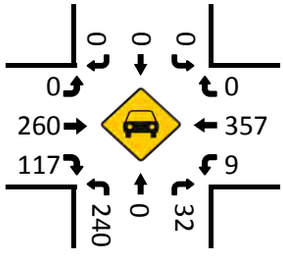
HT (NOON)



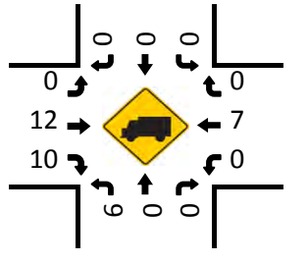
Pedestrians (Crosswalks)



Total Vehicles (PM)



HT (PM)



National Data & Surveying Services

Intersection Turning Movement Count

Location: Centennial Dr & Idaho Maryland Rd
City: Grass Valley
Control: 1-Way Stop (NB)

Project ID: 19-07390-001
Date: 10/23/2019

Total

NS/EW Streets:	Centennial Dr				Centennial Dr				Idaho Maryland Rd				Idaho Maryland Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	5	0	0	0	0	0	0	0	0	23	30	0	2	20	0	0	80
6:45 AM	7	0	0	0	0	0	0	0	0	50	71	0	1	21	0	0	150
7:00 AM	12	0	3	0	0	0	0	0	0	32	35	0	3	27	0	0	112
7:15 AM	13	0	2	0	0	0	0	0	0	29	34	0	0	31	0	0	109
7:30 AM	24	0	1	0	0	0	0	0	0	51	36	0	3	35	0	0	150
7:45 AM	6	0	3	0	0	0	0	0	0	54	52	0	9	37	0	0	161
8:00 AM	13	0	4	0	0	0	0	0	0	51	62	0	9	39	0	0	178
8:15 AM	15	0	1	0	0	0	0	0	0	51	65	0	2	44	0	0	178
8:30 AM	24	0	3	0	0	0	0	0	0	46	61	0	3	47	0	0	184
8:45 AM	19	0	3	0	0	0	0	0	0	52	44	0	7	50	0	0	175
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	138	0	20	0	0	0	0	0	0	439	490	0	39	351	0	0	1477
APPROACH %'s :	87.34%	0.00%	12.66%	0.00%					0.00%	47.26%	52.74%	0.00%	10.00%	90.00%	0.00%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	71	0	11	0	0	0	0	0	0	200	232	0	21	180	0	0	715
PEAK HR FACTOR :	0.740	0.000	0.688	0.000	0.000	0.000	0.000	0.000	0.000	0.962	0.892	0.000	0.583	0.900	0.000	0.000	0.971
	0.759								0.931				0.882				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	62	0	10	0	0	0	0	0	0	70	22	0	1	100	0	0	265
3:45 PM	98	0	11	0	0	0	0	0	0	61	40	0	3	105	0	0	318
4:00 PM	37	0	7	0	0	0	0	0	0	73	31	0	3	85	0	0	236
4:15 PM	43	0	4	0	0	0	0	0	0	56	24	0	2	67	0	0	196
4:30 PM	27	0	3	0	0	0	0	0	0	35	20	0	0	71	0	0	156
4:45 PM	33	0	5	0	0	0	0	0	0	61	20	0	4	52	0	0	175
5:00 PM	34	0	6	0	0	0	0	0	0	38	11	0	3	54	0	0	146
5:15 PM	19	0	0	0	0	0	0	0	0	39	40	0	7	44	0	0	149
5:30 PM	35	0	2	0	0	0	0	0	0	35	15	0	8	36	0	0	131
5:45 PM	33	0	2	0	0	0	0	0	0	34	11	0	3	46	0	0	129
6:00 PM	17	0	0	0	0	0	0	0	0	29	11	0	0	34	0	0	91
6:15 PM	11	0	1	0	0	0	0	0	0	19	13	0	0	25	0	0	69
6:30 PM	8	0	3	0	0	0	0	0	0	30	15	0	0	33	0	0	89
6:45 PM	7	0	2	0	0	0	0	0	0	21	5	0	1	19	0	0	55
7:00 PM	12	0	2	0	0	0	0	0	0	10	8	0	1	14	0	0	47
7:15 PM	7	0	3	0	0	0	0	0	0	24	5	0	0	21	0	0	60
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	483	0	61	0	0	0	0	0	0	635	291	0	36	806	0	0	2312
APPROACH %'s :	88.79%	0.00%	11.21%	0.00%					0.00%	68.57%	31.43%	0.00%	4.28%	95.72%	0.00%	0.00%	
PEAK HR :	03:30 PM - 04:30 PM																TOTAL
PEAK HR VOL :	240	0	32	0	0	0	0	0	0	260	117	0	9	357	0	0	1015
PEAK HR FACTOR :	0.612	0.000	0.727	0.000	0.000	0.000	0.000	0.000	0.000	0.890	0.731	0.000	0.750	0.850	0.000	0.000	0.798
	0.624								0.906				0.847				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Centennial Dr & Idaho Maryland Rd
City: Grass Valley
Control: 1-Way Stop (NB)

Project ID: 19-07390-001
Date: 10/23/2019

Cars

NS/EW Streets:	Centennial Dr				Centennial Dr				Idaho Maryland Rd				Idaho Maryland Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	3	0	0	0	0	0	0	0	0	21	29	0	2	19	0	0	74
6:45 AM	7	0	0	0	0	0	0	0	0	50	71	0	1	19	0	0	148
7:00 AM	11	0	2	0	0	0	0	0	0	32	34	0	3	24	0	0	106
7:15 AM	12	0	2	0	0	0	0	0	0	24	34	0	0	27	0	0	99
7:30 AM	15	0	1	0	0	0	0	0	0	49	36	0	2	30	0	0	133
7:45 AM	5	0	3	0	0	0	0	0	0	52	51	0	9	32	0	0	152
8:00 AM	12	0	4	0	0	0	0	0	0	49	60	0	9	38	0	0	172
8:15 AM	14	0	1	0	0	0	0	0	0	51	64	0	2	41	0	0	173
8:30 AM	22	0	1	0	0	0	0	0	0	45	58	0	3	44	0	0	173
8:45 AM	18	0	3	0	0	0	0	0	0	51	42	0	6	49	0	0	169
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	119	0	17	0	0	0	0	0	0	424	479	0	37	323	0	0	1399
APPROACH %'s :	87.50%	0.00%	12.50%	0.00%					0.00%	46.95%	53.05%	0.00%	10.28%	89.72%	0.00%	0.00%	
PEAK HR :	**08:00 AM - 09:00 AM**																TOTAL
PEAK HR VOL :	66	0	9	0	0	0	0	0	0	196	224	0	20	172	0	0	687
PEAK HR FACTOR :	0.75	0.000	0.563	0.000	0.000	0.000	0.000	0.000	0.000	0.961	0.875	0.000	0.556	0.878	0.000	0.000	0.993
	0.815								0.913				0.873				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	60	0	10	0	0	0	0	0	0	65	20	0	1	99	0	0	255
3:45 PM	97	0	11	0	0	0	0	0	0	59	39	0	3	103	0	0	312
4:00 PM	32	0	7	0	0	0	0	0	0	71	27	0	3	82	0	0	222
4:15 PM	42	0	4	0	0	0	0	0	0	53	21	0	2	66	0	0	188
4:30 PM	26	0	3	0	0	0	0	0	0	34	17	0	0	69	0	0	149
4:45 PM	33	0	5	0	0	0	0	0	0	61	17	0	4	50	0	0	170
5:00 PM	33	0	6	0	0	0	0	0	0	37	11	0	3	53	0	0	143
5:15 PM	18	0	0	0	0	0	0	0	0	38	34	0	3	44	0	0	137
5:30 PM	34	0	2	0	0	0	0	0	0	35	13	0	7	35	0	0	126
5:45 PM	33	0	2	0	0	0	0	0	0	34	11	0	3	46	0	0	129
6:00 PM	17	0	0	0	0	0	0	0	0	29	11	0	0	34	0	0	91
6:15 PM	11	0	1	0	0	0	0	0	0	18	13	0	0	24	0	0	67
6:30 PM	8	0	3	0	0	0	0	0	0	30	15	0	0	33	0	0	89
6:45 PM	7	0	2	0	0	0	0	0	0	19	5	0	1	19	0	0	53
7:00 PM	12	0	2	0	0	0	0	0	0	10	8	0	1	14	0	0	47
7:15 PM	7	0	3	0	0	0	0	0	0	24	5	0	0	21	0	0	60
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	470	0	61	0	0	0	0	0	0	617	267	0	31	792	0	0	2238
APPROACH %'s :	88.51%	0.00%	11.49%	0.00%					0.00%	69.80%	30.20%	0.00%	3.77%	96.23%	0.00%	0.00%	
PEAK HR :	**03:30 PM - 04:30 PM**																TOTAL
PEAK HR VOL :	231	0	32	0	0	0	0	0	0	248	107	0	9	350	0	0	977
PEAK HR FACTOR :	0.60	0.000	0.727	0.000	0.000	0.000	0.000	0.000	0.000	0.873	0.686	0.000	0.750	0.850	0.000	0.000	0.783
	0.609								0.906				0.847				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Centennial Dr & Idaho Maryland Rd
City: Grass Valley
Control: 1-Way Stop (NB)

Project ID: 19-07390-001
Date: 10/23/2019

HT

NS/EW Streets:	Centennial Dr				Centennial Dr				Idaho Maryland Rd				Idaho Maryland Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	2	0	0	0	0	0	0	0	0	2	1	0	0	1	0	0	6
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
7:00 AM	1	0	1	0	0	0	0	0	0	0	1	0	0	3	0	0	6
7:15 AM	1	0	0	0	0	0	0	0	0	5	0	0	0	4	0	0	10
7:30 AM	9	0	0	0	0	0	0	0	0	2	0	0	1	5	0	0	17
7:45 AM	1	0	0	0	0	0	0	0	0	2	1	0	0	5	0	0	9
8:00 AM	1	0	0	0	0	0	0	0	0	2	2	0	0	1	0	0	6
8:15 AM	1	0	0	0	0	0	0	0	0	0	1	0	0	3	0	0	5
8:30 AM	2	0	2	0	0	0	0	0	0	1	3	0	0	3	0	0	11
8:45 AM	1	0	0	0	0	0	0	0	0	1	2	0	1	1	0	0	6
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	19	0	3	0	0	0	0	0	0	15	11	0	2	28	0	0	78
APPROACH %'s :	86.36%	0.00%	13.64%	0.00%					0.00%	57.69%	42.31%	0.00%	6.67%	93.33%	0.00%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	5	0	2	0	0	0	0	0	0	4	8	0	1	8	0	0	28
PEAK HR FACTOR :	0.625	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.667	0.000	0.250	0.667	0.000	0.000	0.636
	0.438								0.750				0.750				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	2	0	0	0	0	0	0	0	0	5	2	0	0	1	0	0	10
3:45 PM	1	0	0	0	0	0	0	0	0	2	1	0	0	2	0	0	6
4:00 PM	5	0	0	0	0	0	0	0	0	2	4	0	0	3	0	0	14
4:15 PM	1	0	0	0	0	0	0	0	0	3	3	0	0	1	0	0	8
4:30 PM	1	0	0	0	0	0	0	0	0	1	3	0	0	2	0	0	7
4:45 PM	0	0	0	0	0	0	0	0	0	0	3	0	0	2	0	0	5
5:00 PM	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	3
5:15 PM	1	0	0	0	0	0	0	0	0	1	6	0	4	0	0	0	12
5:30 PM	1	0	0	0	0	0	0	0	0	0	2	0	1	1	0	0	5
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	13	0	0	0	0	0	0	0	0	18	24	0	5	14	0	0	74
APPROACH %'s :	100.00%	0.00%	0.00%	0.00%					0.00%	42.86%	57.14%	0.00%	26.32%	73.68%	0.00%	0.00%	
PEAK HR :	03:30 PM - 04:30 PM																TOTAL
PEAK HR VOL :	9	0	0	0	0	0	0	0	0	12	10	0	0	7	0	0	38
PEAK HR FACTOR :	0.45	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.600	0.625	0.000	0.000	0.583	0.000	0.000	0.679
	0.450								0.786				0.583				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Centennial Dr & Idaho Maryland Rd
City: Grass Valley
Control: 1-Way Stop (NB)

Project ID: 19-07390-001
Date: 10/23/2019

Bikes

NS/EW Streets:	Centennial Dr				Centennial Dr				Idaho Maryland Rd				Idaho Maryland Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
APPROACH %'s :													0.00%	100.00%	0.00%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.500
														0.500			

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
4:30 PM	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	3
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
5:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	1	0	0	0	0	0	0	0	0	1	1	0	3	4	0	0	10
APPROACH %'s :	100.00%	0.00%	0.00%	0.00%					0.00%	50.00%	50.00%	0.00%	42.86%	57.14%	0.00%	0.00%	
PEAK HR :	03:30 PM - 04:30 PM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
PEAK HR FACTOR :	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.250	0.000	0.000	0.500
														0.500			

National Data & Surveying Services

Intersection Turning Movement Count

Location: Centennial Dr & Idaho Maryland Rd **Project ID:** 19-07390-001
City: Grass Valley **Date:** 10/23/2019

Pedestrians (Crosswalks)

NS/EW Streets:	Centennial Dr		Centennial Dr		Idaho Maryland Rd		Idaho Maryland Rd		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	0
APPROACH %'s :									
PEAK HR :	08:00 AM - 09:00 AM								TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :									

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	1	0	0	0	1
6:30 PM	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	0	0	1	0	0	0	1
APPROACH %'s :					100.00%	0.00%			
PEAK HR :	03:30 PM - 04:30 PM								TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :									

Prepared by National Data & Surveying Services

Sutton Way & Idaho Maryland Rd

Peak Hour Turning Movement Count

ID: 19-07390-002
City: Grass Valley

Day: Wednesday
Date: 10/23/2019

PEAK HOURS

AM: 08:00 AM - 09:00 AM
NOON: NONE
PM: 03:30 PM - 04:30 PM

COUNT PERIODS

AM: 06:30 AM - 09:00 AM
NOON: NONE
PM: 03:30 PM - 07:30 PM

Sutton Way — SOUTHBOUND

AM	94	0	38	0	188	AM
NOON	0	0	0	0	0	NOON
PM	190	0	107	0	248	PM

Idaho Maryland Rd — EASTBOUND

AM	NOON	PM	
195	0	376	⇦
0	0	0	↰ 0
100	0	181	↱ 0
101	0	102	→ 0
0	0	0	↳ 0

Idaho Maryland Rd — WESTBOUND

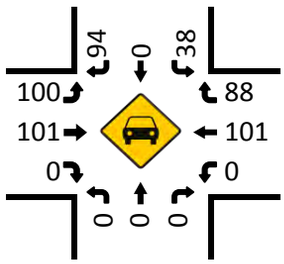
PM	NOON	AM	
67	0	88	0 ↱
186	0	101	0 ←
0	0	0	0 ↰
0	0	0	0 ↲
209	0	139	⇨

Sutton Way — NORTHBOUND

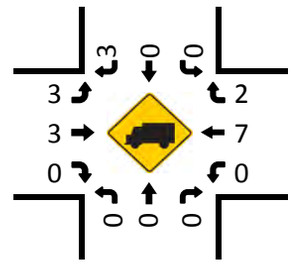
PM	0	0	0	0	0	PM
NOON	0	0	0	0	0	NOON
AM	0	0	0	0	0	AM

CONTROL			
3-Way Stop (SB/EB/WB)			
TEV	522 AM	0 NOON	833 PM
PHF	0.85		0.85

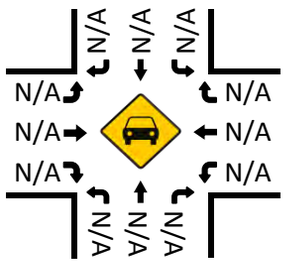
Total Vehicles (AM)



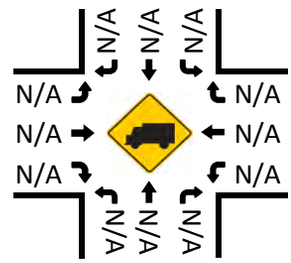
HT (AM)



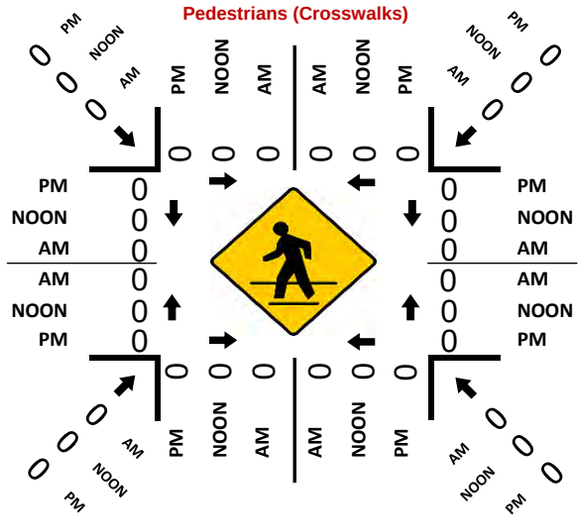
Total Vehicles (Noon)



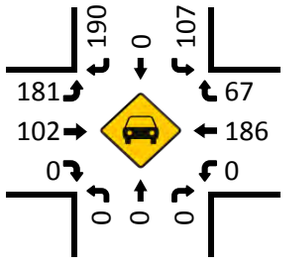
HT (NOON)



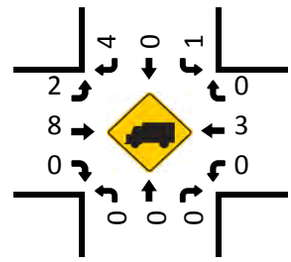
Pedestrians (Crosswalks)



Total Vehicles (PM)



HT (PM)



National Data & Surveying Services

Intersection Turning Movement Count

Location: Sutton Way & Idaho Maryland Rd
City: Grass Valley
Control: 3-Way Stop (SB/EB/WB)

Project ID: 19-07390-002
Date: 10/23/2019

Total

NS/EW Streets:	Sutton Way				Sutton Way				Idaho Maryland Rd				Idaho Maryland Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0 NL	0 NT	0 NR	0 NU	0 SL	0 ST	0 SR	0 SU	0 EL	0 ET	0 ER	0 EU	0 WL	0 WT	0 WR	0 WU	TOTAL
6:30 AM	0	0	0	0	5	0	4	0	3	23	0	0	0	12	7	0	54
6:45 AM	0	0	0	0	5	0	14	0	15	34	0	0	0	15	7	0	90
7:00 AM	0	0	0	0	6	0	9	0	12	18	0	0	0	17	17	0	79
7:15 AM	0	0	0	0	6	0	15	0	13	19	0	0	0	18	11	0	82
7:30 AM	0	0	0	0	12	0	16	0	27	19	0	0	0	29	17	0	120
7:45 AM	0	0	0	0	12	0	30	0	24	38	0	0	0	16	26	0	146
8:00 AM	0	0	0	0	6	0	18	0	22	26	0	0	0	19	18	0	109
8:15 AM	0	0	0	0	7	0	26	0	28	29	0	0	0	28	22	0	140
8:30 AM	0	0	0	0	12	0	19	0	20	23	0	0	0	26	20	0	120
8:45 AM	0	0	0	0	13	0	31	0	30	23	0	0	0	28	28	0	153
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	84	0	182	0	194	252	0	0	0	208	173	0	1093
APPROACH %'s :					31.58%	0.00%	68.42%	0.00%	43.50%	56.50%	0.00%	0.00%	0.00%	54.59%	45.41%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	0	0	0	0	38	0	94	0	100	101	0	0	0	101	88	0	522
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.731	0.000	0.758	0.000	0.833	0.871	0.000	0.000	0.000	0.902	0.786	0.000	0.853
					0.750				0.882				0.844				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0 NL	0 NT	0 NR	0 NU	0 SL	0 ST	0 SR	0 SU	0 EL	0 ET	0 ER	0 EU	0 WL	0 WT	0 WR	0 WU	TOTAL
3:30 PM	0	0	0	0	24	0	58	0	58	23	0	0	0	60	22	0	245
3:45 PM	0	0	0	0	26	0	52	0	50	25	0	0	0	46	15	0	214
4:00 PM	0	0	0	0	35	0	53	0	42	29	0	0	0	44	18	0	221
4:15 PM	0	0	0	0	22	0	27	0	31	25	0	0	0	36	12	0	153
4:30 PM	0	0	0	0	15	0	21	0	26	18	0	0	0	40	13	0	133
4:45 PM	0	0	0	0	21	0	40	0	42	21	0	0	0	22	9	0	155
5:00 PM	0	0	0	0	18	0	24	0	29	13	0	0	0	28	16	0	128
5:15 PM	0	0	0	0	18	0	26	0	19	26	0	0	0	21	10	0	120
5:30 PM	0	0	0	0	14	0	17	0	23	9	0	0	0	26	8	0	97
5:45 PM	0	0	0	0	17	0	24	0	17	14	0	0	0	25	5	0	102
6:00 PM	0	0	0	0	6	0	14	0	21	8	0	1	0	13	6	0	69
6:15 PM	0	0	0	0	8	0	14	0	14	9	0	0	0	10	11	0	66
6:30 PM	0	0	0	0	4	0	26	0	25	12	0	0	0	7	11	0	85
6:45 PM	0	0	0	0	6	0	12	0	12	5	0	0	0	4	3	0	42
7:00 PM	0	0	0	0	7	0	10	0	9	7	0	0	0	5	3	0	41
7:15 PM	0	0	0	0	7	0	13	0	14	9	0	0	0	9	3	0	55
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	248	0	431	0	432	253	0	1	0	396	165	0	1926
APPROACH %'s :					36.52%	0.00%	63.48%	0.00%	62.97%	36.88%	0.00%	0.15%	0.00%	70.59%	29.41%	0.00%	
PEAK HR :	03:30 PM - 04:30 PM																TOTAL
PEAK HR VOL :	0	0	0	0	107	0	190	0	181	102	0	0	0	186	67	0	833
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.764	0.000	0.819	0.000	0.780	0.879	0.000	0.000	0.000	0.775	0.761	0.000	0.850
					0.844				0.873				0.771				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Sutton Way & Idaho Maryland Rd
City: Grass Valley
Control: 3-Way Stop (SB/EB/WB)

Project ID: 19-07390-002
Date: 10/23/2019

Cars

NS/EW Streets:	Sutton Way				Sutton Way				Idaho Maryland Rd				Idaho Maryland Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	5	0	4	0	3	20	0	0	0	12	7	0	51
6:45 AM	0	0	0	0	5	0	13	0	15	34	0	0	0	13	7	0	87
7:00 AM	0	0	0	0	6	0	9	0	12	18	0	0	0	15	17	0	77
7:15 AM	0	0	0	0	6	0	13	0	10	16	0	0	0	16	10	0	71
7:30 AM	0	0	0	0	12	0	15	0	27	18	0	0	0	23	15	0	110
7:45 AM	0	0	0	0	12	0	27	0	23	36	0	0	0	14	26	0	138
8:00 AM	0	0	0	0	6	0	18	0	21	26	0	0	0	18	17	0	106
8:15 AM	0	0	0	0	7	0	25	0	28	29	0	0	0	25	22	0	136
8:30 AM	0	0	0	0	12	0	18	0	18	22	0	0	0	23	19	0	112
8:45 AM	0	0	0	0	13	0	30	0	30	21	0	0	0	28	28	0	150
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	84	0	172	0	187	240	0	0	0	187	168	0	1038
APPROACH %'s :					32.81%	0.00%	67.19%	0.00%	43.79%	56.21%	0.00%	0.00%	0.00%	52.68%	47.32%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	0	0	0	0	38	0	91	0	97	98	0	0	0	94	86	0	504
PEAK HR FACTOR :	0.00	0.000	0.000	0.000	0.731	0.000	0.758	0.000	0.808	0.845	0.000	0.000	0.000	0.839	0.768	0.000	0.840
							0.750				0.855				0.804		

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	0	0	0	24	0	58	0	58	20	0	0	0	60	22	0	242
3:45 PM	0	0	0	0	26	0	50	0	48	25	0	0	0	45	15	0	209
4:00 PM	0	0	0	0	34	0	51	0	42	26	0	0	0	43	18	0	214
4:15 PM	0	0	0	0	22	0	27	0	31	23	0	0	0	35	12	0	150
4:30 PM	0	0	0	0	15	0	21	0	25	18	0	0	0	38	13	0	130
4:45 PM	0	0	0	0	21	0	40	0	41	21	0	0	0	20	9	0	152
5:00 PM	0	0	0	0	16	0	22	0	28	13	0	0	0	28	16	0	123
5:15 PM	0	0	0	0	17	0	23	0	19	25	0	0	0	21	10	0	115
5:30 PM	0	0	0	0	14	0	16	0	23	9	0	0	0	25	8	0	95
5:45 PM	0	0	0	0	17	0	24	0	17	14	0	0	0	24	5	0	101
6:00 PM	0	0	0	0	6	0	14	0	21	8	0	0	0	13	6	0	68
6:15 PM	0	0	0	0	8	0	14	0	14	7	0	0	0	10	11	0	64
6:30 PM	0	0	0	0	4	0	26	0	25	10	0	0	0	7	11	0	83
6:45 PM	0	0	0	0	6	0	12	0	12	5	0	0	0	4	3	0	42
7:00 PM	0	0	0	0	7	0	10	0	9	7	0	0	0	5	3	0	41
7:15 PM	0	0	0	0	7	0	13	0	14	9	0	0	0	9	3	0	55
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	244	0	421	0	427	240	0	0	0	387	165	0	1884
APPROACH %'s :					36.69%	0.00%	63.31%	0.00%	64.02%	35.98%	0.00%	0.00%	0.00%	70.11%	29.89%	0.00%	
PEAK HR :	03:30 PM - 04:30 PM																TOTAL
PEAK HR VOL :	0	0	0	0	106	0	186	0	179	94	0	0	0	183	67	0	815
PEAK HR FACTOR :	0.00	0.000	0.000	0.000	0.779	0.000	0.802	0.000	0.772	0.904	0.000	0.000	0.000	0.763	0.761	0.000	0.842
							0.859				0.875				0.762		

National Data & Surveying Services

Intersection Turning Movement Count

Location: Sutton Way & Idaho Maryland Rd
City: Grass Valley
Control: 3-Way Stop (SB/EB/WB)

Project ID: 19-07390-002
Date: 10/23/2019

HT

NS/EW Streets:	Sutton Way				Sutton Way				Idaho Maryland Rd				Idaho Maryland Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3
6:45 AM	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	3
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
7:15 AM	0	0	0	0	0	0	2	0	3	3	0	0	0	2	1	0	11
7:30 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	6	2	0	10
7:45 AM	0	0	0	0	0	0	3	0	1	2	0	0	0	2	0	0	8
8:00 AM	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	3
8:15 AM	0	0	0	0	0	0	1	0	0	0	0	0	0	3	0	0	4
8:30 AM	0	0	0	0	0	0	1	0	2	1	0	0	0	3	1	0	8
8:45 AM	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	3
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	10	0	7	12	0	0	0	21	5	0	55
APPROACH %'s :					0.00%	0.00%	100.00%	0.00%	36.84%	63.16%	0.00%	0.00%	0.00%	80.77%	19.23%	0.00%	
PEAK HR :	**08:00 AM - 09:00 AM**																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	3	0	3	3	0	0	0	7	2	0	18
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.000	0.000	0.750	0.000	0.375	0.375	0.000	0.000	0.000	0.583	0.500	0.000	0.563
							0.750				0.500				0.563		

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3
3:45 PM	0	0	0	0	0	0	2	0	2	0	0	0	0	1	0	0	5
4:00 PM	0	0	0	0	1	0	2	0	0	3	0	0	0	1	0	0	7
4:15 PM	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	3
4:30 PM	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0	3
4:45 PM	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0	3
5:00 PM	0	0	0	0	2	0	2	0	1	0	0	0	0	0	0	0	5
5:15 PM	0	0	0	0	1	0	3	0	0	1	0	0	0	0	0	0	5
5:30 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	2
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
6:15 PM	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
6:30 PM	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	4	0	10	0	5	13	0	1	0	9	0	0	42
APPROACH %'s :					28.57%	0.00%	71.43%	0.00%	26.32%	68.42%	0.00%	5.26%	0.00%	100.00%	0.00%	0.00%	
PEAK HR :	**03:30 PM - 04:30 PM**																TOTAL
PEAK HR VOL :	0	0	0	0	1	0	4	0	2	8	0	0	0	3	0	0	18
PEAK HR FACTOR :	0.00	0.000	0.000	0.000	0.250	0.000	0.500	0.000	0.250	0.667	0.000	0.000	0.000	0.750	0.000	0.000	0.643
							0.417				0.833				0.750		

National Data & Surveying Services

Intersection Turning Movement Count

Location: Sutton Way & Idaho Maryland Rd
City: Grass Valley
Control: 3-Way Stop (SB/EB/WB)

Project ID: 19-07390-002
Date: 10/23/2019

Bikes

NS/EW Streets:	Sutton Way				Sutton Way				Idaho Maryland Rd				Idaho Maryland Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	2
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	3
APPROACH %'s :					0.00%	0.00%	100.00%	0.00%					0.00%	50.00%	50.00%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	3
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.250	0.000	0.375
							0.250								0.500		

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
4:15 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
4:45 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	2
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	5	0	1	0	0	0	0	2	0	0	8
APPROACH %'s :					0.00%	0.00%	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	
PEAK HR :	03:30 PM - 04:30 PM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
PEAK HR FACTOR :	0.00	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500
							0.500										

National Data & Surveying Services

Intersection Turning Movement Count

Location: Sutton Way & Idaho Maryland Rd
City: Grass Valley

Project ID: 19-07390-002
Date: 10/23/2019

Pedestrians (Crosswalks)

NS/EW Streets:	Sutton Way		Sutton Way		Idaho Maryland Rd		Idaho Maryland Rd		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	0
APPROACH %'s :									
PEAK HR :	**08:00 AM - 09:00 AM**								TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :									

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0
4:30 PM	1	1	0	0	0	0	0	0	2
4:45 PM	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0
6:15 PM	1	0	0	0	0	0	0	0	1
6:30 PM	0	0	0	0	1	0	0	0	1
6:45 PM	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	2	1	0	0	1	0	0	0	4
APPROACH %'s :	66.67%	33.33%			100.00%	0.00%			
PEAK HR :	**03:30 PM - 04:30 PM**								TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :									

Prepared by National Data & Surveying Services

Sutton Way & Dorsey Dr

Peak Hour Turning Movement Count

ID: 19-07390-003
City: Grass Valley

Day: Wednesday
Date: 10/23/2019

PEAK HOURS

AM: 07:45 AM - 08:45 AM
NOON: NONE
PM: 03:30 PM - 04:30 PM

COUNT PERIODS

AM: 06:30 AM - 09:00 AM
NOON: NONE
PM: 03:30 PM - 07:30 PM

SOUTHBOUND (Sutton Way)

AM	71	84	0	0	175	AM
NOON	0	0	0	0	0	NOON
PM	168	171	0	0	299	PM

EASTBOUND (Dorsey Dr)

AM	NOON	PM	
155	0	240	⇦
0	0	0	↰ 0
91	0	133	↱ 0
0	0	0	→ 0
52	0	100	↳ 0
AM	NOON	PM	

WESTBOUND (Dorsey Dr)

PM	NOON	AM	
0	0	0	↱ 0
0	0	0	← 0
0	0	0	↰ 0
0	0	0	↳ 0
0	0	0	⇨
PM	NOON	AM	

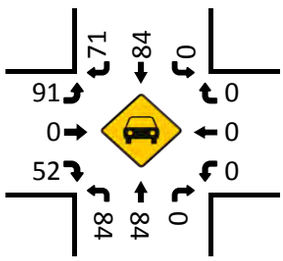
NORTHBOUND (Sutton Way)

PM	271	0	72	166	0	PM
NOON	0	0	0	0	0	NOON
AM	136	0	84	84	0	AM

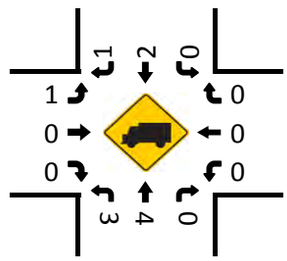
CONTROL: 3-Way Stop (NB/SB/EB)

TEV	466 AM	0 NOON	810 PM
PHF	0.90		0.83

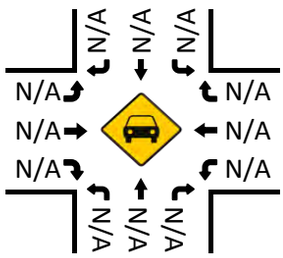
Total Vehicles (AM)



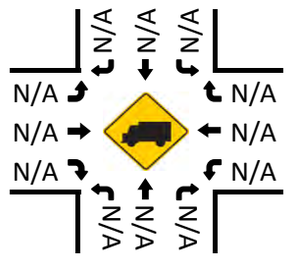
HT (AM)



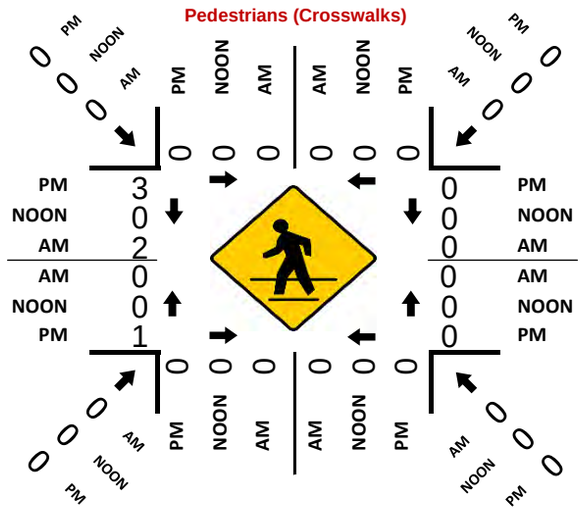
Total Vehicles (Noon)



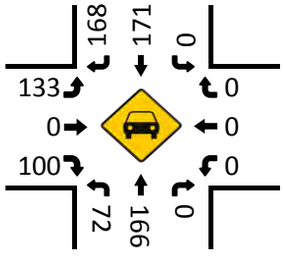
HT (NOON)



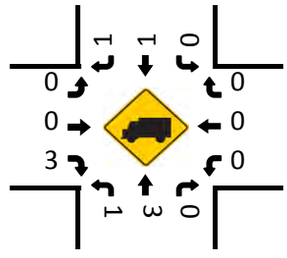
Pedestrians (Crosswalks)



Total Vehicles (PM)



HT (PM)



National Data & Surveying Services

Intersection Turning Movement Count

Location: Sutton Way & Dorsey Dr
City: Grass Valley
Control: 3-Way Stop (NB/SB/EB)

Project ID: 19-07390-003
Date: 10/23/2019

Total

NS/EW Streets:	Sutton Way				Sutton Way				Dorsey Dr				Dorsey Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	5	4	0	0	0	6	4	0	3	0	4	0	0	0	0	0	26
6:45 AM	12	8	0	0	0	11	11	0	5	0	9	0	0	0	0	0	56
7:00 AM	19	12	0	0	0	10	10	0	10	0	8	0	0	0	0	0	69
7:15 AM	12	8	0	0	0	14	17	0	11	0	9	0	0	0	0	0	71
7:30 AM	16	23	0	0	0	15	21	0	16	0	12	0	0	0	0	0	103
7:45 AM	32	19	0	0	0	26	17	0	22	0	13	0	0	0	0	0	129
8:00 AM	15	18	0	0	0	14	16	0	16	0	15	0	0	0	0	0	94
8:15 AM	19	23	0	0	0	25	16	0	37	0	7	0	0	0	0	0	127
8:30 AM	18	24	0	0	0	19	22	0	16	0	17	0	0	0	0	0	116
8:45 AM	27	30	0	0	0	17	16	0	20	0	18	0	0	0	0	0	128
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	175	169	0	0	0	157	150	0	156	0	112	0	0	0	0	0	919
APPROACH %'s :	50.87%	49.13%	0.00%	0.00%	0.00%	51.14%	48.86%	0.00%	58.21%	0.00%	41.79%	0.00%					
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	84	84	0	0	0	84	71	0	91	0	52	0	0	0	0	0	466
PEAK HR FACTOR :	0.656	0.875	0.000	0.000	0.000	0.808	0.807	0.000	0.615	0.000	0.765	0.000	0.000	0.000	0.000	0.000	0.903
	0.824				0.901				0.813								

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	18	53	0	0	0	59	65	0	31	0	18	0	0	0	0	0	244
3:45 PM	24	43	0	0	0	48	35	0	48	0	32	0	0	0	0	0	230
4:00 PM	17	44	0	0	0	43	49	0	34	0	34	0	0	0	0	0	221
4:15 PM	13	26	0	0	0	21	19	0	20	0	16	0	0	0	0	0	115
4:30 PM	13	22	0	0	0	22	21	0	51	0	20	0	0	0	0	0	149
4:45 PM	16	40	0	0	0	27	18	1	33	0	19	0	0	0	0	0	154
5:00 PM	14	27	0	0	0	16	26	0	28	0	26	1	0	0	0	0	138
5:15 PM	13	21	0	0	0	24	21	0	24	0	13	0	0	0	0	0	116
5:30 PM	9	21	0	0	0	15	33	0	25	0	14	0	0	0	0	0	117
5:45 PM	5	21	0	0	0	29	18	0	34	0	17	0	0	0	0	0	124
6:00 PM	6	15	0	0	0	15	13	0	17	0	4	0	0	0	0	0	70
6:15 PM	8	13	0	0	0	20	16	0	25	0	9	0	0	0	0	0	91
6:30 PM	16	24	0	0	0	17	20	0	18	0	5	0	0	0	0	0	100
6:45 PM	4	16	0	0	0	7	16	0	18	0	6	0	0	0	0	0	67
7:00 PM	1	6	0	0	0	10	16	0	22	0	7	0	0	0	0	0	62
7:15 PM	4	14	0	0	0	13	8	0	24	0	8	0	0	0	0	0	71
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	181	406	0	0	0	386	394	1	452	0	248	1	0	0	0	0	2069
APPROACH %'s :	30.83%	69.17%	0.00%	0.00%	0.00%	49.42%	50.45%	0.13%	64.48%	0.00%	35.38%	0.14%					
PEAK HR :	03:30 PM - 04:30 PM																TOTAL
PEAK HR VOL :	72	166	0	0	0	171	168	0	133	0	100	0	0	0	0	0	810
PEAK HR FACTOR :	0.750	0.783	0.000	0.000	0.000	0.725	0.646	0.000	0.693	0.000	0.735	0.000	0.000	0.000	0.000	0.000	0.830
	0.838				0.683				0.728								

National Data & Surveying Services

Intersection Turning Movement Count

Location: Sutton Way & Dorsey Dr
City: Grass Valley
Control: 3-Way Stop (NB/SB/EB)

Project ID: 19-07390-003
Date: 10/23/2019

Cars

NS/EW Streets:	Sutton Way				Sutton Way				Dorsey Dr				Dorsey Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	5	4	0	0	0	6	4	0	3	0	4	0	0	0	0	0	26
6:45 AM	12	7	0	0	0	11	10	0	3	0	9	0	0	0	0	0	52
7:00 AM	17	12	0	0	0	10	10	0	10	0	8	0	0	0	0	0	67
7:15 AM	11	8	0	0	0	14	16	0	11	0	9	0	0	0	0	0	69
7:30 AM	15	22	0	0	0	13	21	0	16	0	12	0	0	0	0	0	99
7:45 AM	31	19	0	0	0	25	17	0	21	0	13	0	0	0	0	0	126
8:00 AM	13	17	0	0	0	14	15	0	16	0	15	0	0	0	0	0	90
8:15 AM	19	23	0	0	0	25	16	0	37	0	7	0	0	0	0	0	127
8:30 AM	18	21	0	0	0	18	22	0	16	0	17	0	0	0	0	0	112
8:45 AM	26	30	0	0	0	17	16	0	19	0	17	0	0	0	0	0	125
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	167	163	0	0	0	153	147	0	152	0	111	0	0	0	0	0	893
APPROACH %'s :	50.61%	49.39%	0.00%	0.00%	0.00%	51.00%	49.00%	0.00%	57.79%	0.00%	42.21%	0.00%					
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	81	80	0	0	0	82	70	0	90	0	52	0	0	0	0	0	455
PEAK HR FACTOR :	0.65	0.870	0.000	0.000	0.000	0.820	0.795	0.000	0.608	0.000	0.765	0.000	0.000	0.000	0.000	0.000	0.896
	0.805				0.905				0.807								

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	18	52	0	0	0	59	64	0	31	0	18	0	0	0	0	0	242
3:45 PM	23	43	0	0	0	47	35	0	48	0	30	0	0	0	0	0	226
4:00 PM	17	43	0	0	0	43	49	0	34	0	33	0	0	0	0	0	219
4:15 PM	13	25	0	0	0	21	19	0	20	0	16	0	0	0	0	0	114
4:30 PM	13	21	0	0	0	22	21	0	50	0	20	0	0	0	0	0	147
4:45 PM	16	40	0	0	0	27	18	1	33	0	19	0	0	0	0	0	154
5:00 PM	14	27	0	0	0	15	25	0	27	0	23	1	0	0	0	0	132
5:15 PM	13	21	0	0	0	23	21	0	23	0	9	0	0	0	0	0	110
5:30 PM	9	20	0	0	0	15	32	0	24	0	14	0	0	0	0	0	114
5:45 PM	5	21	0	0	0	29	18	0	34	0	17	0	0	0	0	0	124
6:00 PM	6	15	0	0	0	15	12	0	17	0	3	0	0	0	0	0	68
6:15 PM	8	13	0	0	0	20	16	0	24	0	9	0	0	0	0	0	90
6:30 PM	16	24	0	0	0	17	20	0	18	0	5	0	0	0	0	0	100
6:45 PM	4	16	0	0	0	7	16	0	17	0	6	0	0	0	0	0	66
7:00 PM	1	6	0	0	0	10	15	0	21	0	7	0	0	0	0	0	60
7:15 PM	4	14	0	0	0	13	8	0	23	0	8	0	0	0	0	0	70
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	180	401	0	0	0	383	389	1	444	0	237	1	0	0	0	0	2036
APPROACH %'s :	30.98%	69.02%	0.00%	0.00%	0.00%	49.55%	50.32%	0.13%	65.10%	0.00%	34.75%	0.15%					
PEAK HR :	03:30 PM - 04:30 PM																TOTAL
PEAK HR VOL :	71	163	0	0	0	170	167	0	133	0	97	0	0	0	0	0	801
PEAK HR FACTOR :	0.77	0.784	0.000	0.000	0.000	0.720	0.652	0.000	0.693	0.000	0.735	0.000	0.000	0.000	0.000	0.000	0.827
	0.836				0.685				0.737								

National Data & Surveying Services

Intersection Turning Movement Count

Location: Sutton Way & Dorsey Dr
City: Grass Valley
Control: 3-Way Stop (NB/SB/EB)

Project ID: 19-07390-003
Date: 10/23/2019

HT

NS/EW Streets:	Sutton Way				Sutton Way				Dorsey Dr				Dorsey Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	1	0	0	0	0	1	0	2	0	0	0	0	0	0	0	4
7:00 AM	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
7:15 AM	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
7:30 AM	1	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	4
7:45 AM	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	3
8:00 AM	2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	4
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	4
8:45 AM	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	3
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	8	6	0	0	0	4	3	0	4	0	1	0	0	0	0	0	26
APPROACH %'s :	57.14%	42.86%	0.00%	0.00%	0.00%	57.14%	42.86%	0.00%	80.00%	0.00%	20.00%	0.00%					
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	3	4	0	0	0	2	1	0	1	0	0	0	0	0	0	0	11
PEAK HR FACTOR :	0.375	0.333	0.000	0.000	0.000	0.500	0.250	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.688
	0.583				0.750				0.250								

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
3:45 PM	1	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	4
4:00 PM	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2
4:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4:30 PM	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	1	1	0	1	0	3	0	0	0	0	0	6
5:15 PM	0	0	0	0	0	1	0	0	1	0	4	0	0	0	0	0	6
5:30 PM	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	3
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2
6:15 PM	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
7:00 PM	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
7:15 PM	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	1	5	0	0	0	3	5	0	8	0	11	0	0	0	0	0	33
APPROACH %'s :	16.67%	83.33%	0.00%	0.00%	0.00%	37.50%	62.50%	0.00%	42.11%	0.00%	57.89%	0.00%					
PEAK HR :	03:30 PM - 04:30 PM																TOTAL
PEAK HR VOL :	1	3	0	0	0	1	1	0	0	0	3	0	0	0	0	0	9
PEAK HR FACTOR :	0.25	0.750	0.000	0.000	0.000	0.250	0.250	0.000	0.000	0.000	0.375	0.000	0.000	0.000	0.000	0.000	0.563
	1.000				0.500				0.375								

National Data & Surveying Services

Intersection Turning Movement Count

Location: Sutton Way & Dorsey Dr
City: Grass Valley
Control: 3-Way Stop (NB/SB/EB)

Project ID: 19-07390-003
Date: 10/23/2019

Bikes

NS/EW Streets:	Sutton Way				Sutton Way				Dorsey Dr				Dorsey Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
8:15 AM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	4
APPROACH %'s :	66.67%	33.33%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%									
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3
PEAK HR FACTOR :	0.500	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.375
	0.500				0.250												

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	3
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	1	0	0	0	4	0	0	2	0	1	0	0	0	0	0	8
APPROACH %'s :	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	66.67%	0.00%	33.33%	0.00%					
PEAK HR :	03:30 PM - 04:30 PM																TOTAL
PEAK HR VOL :	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
PEAK HR FACTOR :	0.00	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250
					0.250												

National Data & Surveying Services

Intersection Turning Movement Count

Location: Sutton Way & Dorsey Dr
City: Grass Valley
Project ID: 19-07390-003
Date: 10/23/2019

Pedestrians (Crosswalks)

NS/EW Streets:	Sutton Way		Sutton Way		Dorsey Dr		Dorsey Dr		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	1	1
7:30 AM	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	2	2
8:45 AM	0	0	0	0	0	0	1	0	1
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	1	3	4
APPROACH %'s :							25.00%	75.00%	
PEAK HR :	07:45 AM - 08:45 AM								TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	2	2
PEAK HR FACTOR :								0.250	0.250
							0.250		

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
3:30 PM	0	0	0	0	0	0	0	1	1
3:45 PM	0	0	0	0	0	0	0	1	1
4:00 PM	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	1	1	2
4:30 PM	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	1	1
6:15 PM	0	0	0	0	0	0	0	1	1
6:30 PM	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	1	0	1
7:00 PM	0	0	0	0	0	0	1	0	1
7:15 PM	0	0	0	0	0	0	1	0	1
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	4	5	9
APPROACH %'s :							44.44%	55.56%	
PEAK HR :	03:30 PM - 04:30 PM								TOTAL
PEAK HR VOL :	0	0	0	0	0	0	1	3	4
PEAK HR FACTOR :							0.250	0.750	0.500
							0.500		

Prepared by National Data & Surveying Services

SR 49-20 EB Ramps & Dorsey Dr

Peak Hour Turning Movement Count

ID: 19-07390-004
City: Grass Valley

Day: Wednesday
Date: 10/23/2019

SR 49-20 EB Ramps

SOUTHBOUND

PEAK HOURS		COUNT PERIODS
AM	07:45 AM - 08:45 AM	06:30 AM - 09:00 AM
NOON	NONE	NONE
PM	03:30 PM - 04:30 PM	03:30 PM - 07:30 PM

AM	0	0	0	0	105	AM
NOON	0	0	0	0	0	NOON
PM	0	0	0	0	199	PM

EASTBOUND (Dorsey Dr)

AM	NOON	PM	
619	0	446	⇦
1	0	0	↶ 0
90	0	172	↱ 0
105	0	210	→ 0
0	0	0	↷ 0
AM	NOON	PM	

WESTBOUND (Dorsey Dr)

PM	NOON	AM	
26	0	11	0 ↰
240	0	149	0 ←
0	0	0	0 ↰
0	0	0	0 ↶
265	0	149	⇨
PM	NOON	AM	

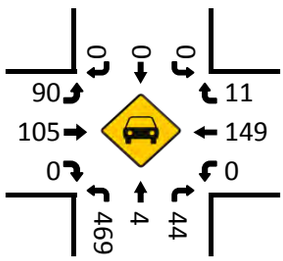
CONTROL			
Signalized			
TEV	873 AM	0 NOON	910 PM
PHF	0.81		0.92

PM	0	0	206	1	55	PM
NOON	0	0	0	0	0	NOON
AM	0	0	469	4	44	AM

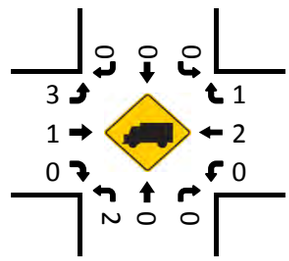
NORTHBOUND

SR 49-20 EB Ramps

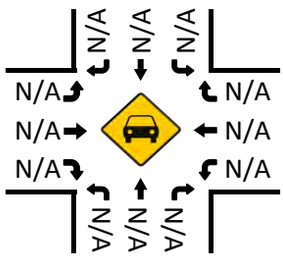
Total Vehicles (AM)



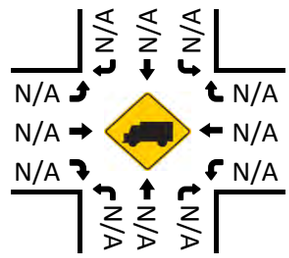
HT (AM)



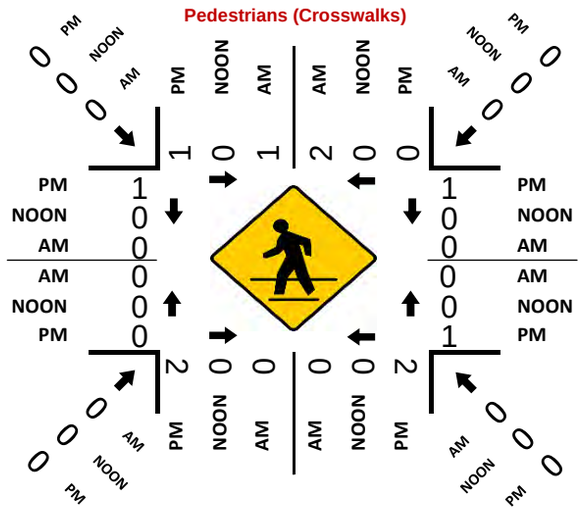
Total Vehicles (Noon)



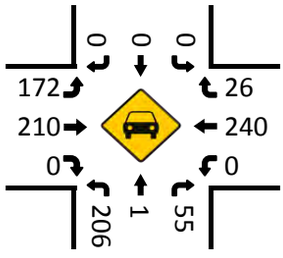
HT (NOON)



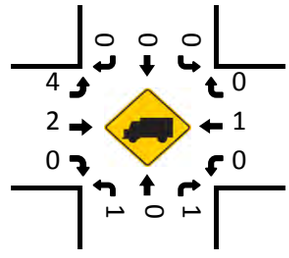
Pedestrians (Crosswalks)



Total Vehicles (PM)



HT (PM)



National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49-20 EB Ramps & Dorsey Dr
City: Grass Valley
Control: Signalized

Project ID: 19-07390-004
Date: 10/23/2019

Total

NS/EW Streets:	SR 49-20 EB Ramps				SR 49-20 EB Ramps				Dorsey Dr				Dorsey Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0 NL	0 NT	0 NR	0 NU	0 SL	0 ST	0 SR	0 SU	0 EL	0 ET	0 ER	0 EU	0 WL	0 WT	0 WR	0 WU	TOTAL
6:30 AM	55	0	8	0	0	0	0	0	9	6	0	0	0	10	1	0	89
6:45 AM	79	0	4	0	0	0	0	0	10	11	0	1	0	18	2	0	125
7:00 AM	46	0	9	0	0	0	0	0	13	12	0	0	0	30	3	0	113
7:15 AM	95	0	5	0	0	0	0	0	16	15	0	0	0	23	4	0	158
7:30 AM	99	0	10	0	0	0	0	0	23	18	0	0	0	42	3	0	195
7:45 AM	163	0	14	0	0	0	0	0	20	27	0	0	0	43	2	0	269
8:00 AM	89	1	3	0	0	0	0	0	24	25	0	0	0	32	0	0	174
8:15 AM	117	0	22	0	0	0	0	0	22	28	0	0	0	38	4	0	231
8:30 AM	100	3	5	0	0	0	0	0	24	25	0	1	0	36	5	0	199
8:45 AM	128	1	15	0	0	0	0	0	33	26	0	0	0	46	5	0	254
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	971	5	95	0	0	0	0	0	194	193	0	2	0	318	29	0	1807
APPROACH %'s :	90.66%	0.47%	8.87%	0.00%					49.87%	49.61%	0.00%	0.51%	0.00%	91.64%	8.36%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	469	4	44	0	0	0	0	0	90	105	0	1	0	149	11	0	873
PEAK HR FACTOR :	0.719	0.333	0.500	0.000	0.000	0.000	0.000	0.000	0.938	0.938	0.000	0.250	0.000	0.866	0.550	0.000	0.811
	0.730								0.980				0.889				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0 NL	0 NT	0 NR	0 NU	0 SL	0 ST	0 SR	0 SU	0 EL	0 ET	0 ER	0 EU	0 WL	0 WT	0 WR	0 WU	TOTAL
3:30 PM	54	1	15	0	0	0	0	0	46	47	0	0	0	65	10	0	238
3:45 PM	53	0	19	0	0	0	0	0	51	57	0	0	0	61	7	0	248
4:00 PM	38	0	6	0	0	0	0	0	46	70	0	0	0	77	3	0	240
4:15 PM	61	0	15	0	0	0	0	0	29	36	0	0	0	37	6	0	184
4:30 PM	32	1	15	0	0	0	0	0	35	47	0	1	0	39	2	0	172
4:45 PM	34	0	17	0	0	0	0	0	29	39	0	1	0	40	4	0	164
5:00 PM	42	0	16	0	0	0	0	0	30	36	0	0	0	31	2	0	157
5:15 PM	29	2	17	0	0	0	0	0	23	39	0	0	0	42	6	0	158
5:30 PM	44	1	19	0	0	0	0	0	23	29	0	0	0	29	8	0	153
5:45 PM	41	1	12	0	0	0	0	0	23	33	0	0	0	31	4	0	145
6:00 PM	39	1	10	0	0	0	0	0	27	16	0	0	0	22	5	0	120
6:15 PM	22	0	11	0	0	0	0	0	17	20	0	0	0	27	6	0	103
6:30 PM	30	0	9	0	0	0	0	0	18	19	0	2	0	26	5	0	109
6:45 PM	34	1	11	0	0	0	0	0	16	13	0	0	0	21	3	0	99
7:00 PM	28	1	11	0	0	0	0	0	12	24	0	0	0	17	4	0	97
7:15 PM	16	0	15	0	0	0	0	0	13	23	0	0	0	13	0	0	80
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	597	9	218	0	0	0	0	0	438	548	0	4	0	578	75	0	2467
APPROACH %'s :	72.45%	1.09%	26.46%	0.00%					44.24%	55.35%	0.00%	0.40%	0.00%	88.51%	11.49%	0.00%	
PEAK HR :	03:30 PM - 04:30 PM																TOTAL
PEAK HR VOL :	206	1	55	0	0	0	0	0	172	210	0	0	0	240	26	0	910
PEAK HR FACTOR :	0.844	0.250	0.724	0.000	0.000	0.000	0.000	0.000	0.843	0.750	0.000	0.000	0.000	0.779	0.650	0.000	0.917
	0.862								0.823				0.831				

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49-20 EB Ramps & Dorsey Dr
City: Grass Valley
Control: Signalized

Project ID: 19-07390-004
Date: 10/23/2019

Cars

NS/EW Streets:	SR 49-20 EB Ramps				SR 49-20 EB Ramps				Dorsey Dr				Dorsey Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	55	0	8	0	0	0	0	0	8	5	0	0	0	10	1	0	87
6:45 AM	79	0	3	0	0	0	0	0	10	10	0	1	0	16	2	0	121
7:00 AM	46	0	9	0	0	0	0	0	13	12	0	0	0	28	3	0	111
7:15 AM	92	0	5	0	0	0	0	0	16	15	0	0	0	21	4	0	153
7:30 AM	93	0	10	0	0	0	0	0	23	18	0	0	0	42	2	0	188
7:45 AM	163	0	14	0	0	0	0	0	20	27	0	0	0	43	1	0	268
8:00 AM	88	1	3	0	0	0	0	0	23	25	0	0	0	30	0	0	170
8:15 AM	117	0	22	0	0	0	0	0	22	28	0	0	0	38	4	0	231
8:30 AM	99	3	5	0	0	0	0	0	22	24	0	1	0	36	5	0	195
8:45 AM	124	1	15	0	0	0	0	0	32	25	0	0	0	45	5	0	247
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	956	5	94	0	0	0	0	0	189	189	0	2	0	309	27	0	1771
APPROACH %'s :	90.62%	0.47%	8.91%	0.00%					49.74%	49.74%	0.00%	0.53%	0.00%	91.96%	8.04%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	467	4	44	0	0	0	0	0	87	104	0	1	0	147	10	0	864
PEAK HR FACTOR :	0.72	0.333	0.500	0.000	0.000	0.000	0.000	0.000	0.946	0.929	0.000	0.250	0.000	0.855	0.500	0.000	0.806
	0.727								0.960				0.892				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	53	1	14	0	0	0	0	0	45	46	0	0	0	65	10	0	234
3:45 PM	53	0	19	0	0	0	0	0	51	57	0	0	0	60	7	0	247
4:00 PM	38	0	6	0	0	0	0	0	44	69	0	0	0	77	3	0	237
4:15 PM	61	0	15	0	0	0	0	0	28	36	0	0	0	37	6	0	183
4:30 PM	32	1	15	0	0	0	0	0	35	46	0	1	0	39	2	0	171
4:45 PM	34	0	17	0	0	0	0	0	29	39	0	1	0	40	4	0	164
5:00 PM	41	0	16	0	0	0	0	0	30	31	0	0	0	31	2	0	151
5:15 PM	29	2	17	0	0	0	0	0	22	36	0	0	0	41	6	0	153
5:30 PM	44	1	19	0	0	0	0	0	23	29	0	0	0	29	8	0	153
5:45 PM	41	1	12	0	0	0	0	0	23	33	0	0	0	31	4	0	145
6:00 PM	39	1	10	0	0	0	0	0	26	14	0	0	0	22	5	0	117
6:15 PM	21	0	11	0	0	0	0	0	17	19	0	0	0	27	6	0	101
6:30 PM	30	0	9	0	0	0	0	0	18	18	0	2	0	25	5	0	107
6:45 PM	34	1	11	0	0	0	0	0	16	13	0	0	0	21	3	0	99
7:00 PM	28	1	11	0	0	0	0	0	12	24	0	0	0	17	4	0	97
7:15 PM	15	0	15	0	0	0	0	0	13	23	0	0	0	13	0	0	79
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	593	9	217	0	0	0	0	0	432	533	0	4	0	575	75	0	2438
APPROACH %'s :	72.41%	1.10%	26.50%	0.00%					44.58%	55.01%	0.00%	0.41%	0.00%	88.46%	11.54%	0.00%	
PEAK HR :	03:30 PM - 04:30 PM																TOTAL
PEAK HR VOL :	205	1	54	0	0	0	0	0	168	208	0	0	0	239	26	0	901
PEAK HR FACTOR :	0.84	0.250	0.711	0.000	0.000	0.000	0.000	0.000	0.824	0.754	0.000	0.000	0.000	0.776	0.650	0.000	0.912
	0.855								0.832				0.828				

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49-20 EB Ramps & Dorsey Dr
City: Grass Valley
Control: Signalized

Project ID: 19-07390-004
Date: 10/23/2019

HT

NS/EW Streets:	SR 49-20 EB Ramps				SR 49-20 EB Ramps				Dorsey Dr				Dorsey Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
6:45 AM	0	0	1	0	0	0	0	0	0	1	0	0	0	2	0	0	4
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
7:15 AM	3	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	5
7:30 AM	6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	7
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
8:00 AM	1	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0	4
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	1	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	4
8:45 AM	4	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	7
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	15	0	1	0	0	0	0	0	5	4	0	0	0	9	2	0	36
APPROACH %'s :	93.75%	0.00%	6.25%	0.00%					55.56%	44.44%	0.00%	0.00%	0.00%	81.82%	18.18%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	2	0	0	0	0	0	0	0	3	1	0	0	0	2	1	0	9
PEAK HR FACTOR :	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.375	0.250	0.000	0.000	0.000	0.250	0.250	0.000	0.563
	0.500								0.333				0.375				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	1	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	4
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
4:00 PM	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	3
4:15 PM	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
4:30 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	1	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	6
5:15 PM	0	0	0	0	0	0	0	0	1	3	0	0	0	1	0	0	5
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	3
6:15 PM	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2
6:30 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 PM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	4	0	1	0	0	0	0	0	6	15	0	0	0	3	0	0	29
APPROACH %'s :	80.00%	0.00%	20.00%	0.00%					28.57%	71.43%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	
PEAK HR :	03:30 PM - 04:30 PM																TOTAL
PEAK HR VOL :	1	0	1	0	0	0	0	0	4	2	0	0	0	1	0	0	9
PEAK HR FACTOR :	0.25	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.000	0.000	0.250	0.000	0.000	0.563
	0.250								0.500				0.250				

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49-20 EB Ramps & Dorsey Dr
City: Grass Valley
Control: Signalized

Project ID: 19-07390-004
Date: 10/23/2019

Bikes

NS/EW Streets:	SR 49-20 EB Ramps				SR 49-20 EB Ramps				Dorsey Dr				Dorsey Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
APPROACH %'s :													0.00%	100.00%	0.00%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.500
														0.500			

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
APPROACH %'s :									0.00%	100.00%	0.00%	0.00%					
PEAK HR :	03:30 PM - 04:30 PM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :	0.00	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49-20 EB Ramps & Dorsey Dr
City: Grass Valley

Project ID: 19-07390-004
Date: 10/23/2019

Pedestrians (Crosswalks)

NS/EW Streets:	SR 49-20 EB Ramps		SR 49-20 EB Ramps		Dorsey Dr		Dorsey Dr		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
6:30 AM	0	1	0	0	0	0	0	0	1
6:45 AM	0	1	0	0	0	0	0	0	1
7:00 AM	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0
8:00 AM	1	1	0	0	0	0	0	0	2
8:15 AM	0	0	0	0	0	0	0	0	0
8:30 AM	0	1	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	1	4	0	0	0	0	0	0	5
APPROACH %'s :	20.00%	80.00%							
PEAK HR :	07:45 AM - 08:45 AM								TOTAL
PEAK HR VOL :	1	2	0	0	0	0	0	0	3
PEAK HR FACTOR :	0.250	0.500							
	0.375								0.375

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0
3:45 PM	1	0	2	2	1	1	0	1	8
4:00 PM	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0
4:30 PM	0	1	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	0	0	0	0	0
5:00 PM	1	0	3	0	0	0	0	0	4
5:15 PM	1	0	0	0	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0
6:15 PM	1	0	0	0	0	0	0	0	1
6:30 PM	2	1	0	0	0	0	0	1	4
6:45 PM	0	1	0	0	0	0	0	0	1
7:00 PM	0	2	0	0	0	0	0	0	2
7:15 PM	1	0	0	0	0	0	0	0	1
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	7	5	5	2	1	1	0	2	23
APPROACH %'s :	58.33%	41.67%	71.43%	28.57%	50.00%	50.00%	0.00%	100.00%	
PEAK HR :	03:30 PM - 04:30 PM								TOTAL
PEAK HR VOL :	1	0	2	2	1	1	0	1	8
PEAK HR FACTOR :	0.250		0.250	0.250	0.250	0.250		0.250	
	0.250		0.250		0.250		0.250		0.250

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49-20 WB Ramps & Dorsey Dr
City: Grass Valley
Control: Signalized

Project ID: 19-07390-005
Date: 10/23/2019

Total

NS/EW Streets:	SR 49-20 WB Ramps				SR 49-20 WB Ramps				Dorsey Dr				Dorsey Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0 NL	0 NT	0 NR	0 NU	0 SL	0 ST	0 SR	0 SU	0 EL	0 ET	0 ER	0 EU	0 WL	0 WT	0 WR	0 WU	TOTAL
6:30 AM	0	0	0	0	1	1	16	0	0	14	2	0	3	69	0	0	106
6:45 AM	0	0	0	0	0	1	11	0	0	18	19	0	6	79	0	0	134
7:00 AM	0	0	0	0	3	0	20	0	0	27	18	0	7	89	0	0	164
7:15 AM	0	0	0	0	1	1	22	0	0	23	31	0	11	91	0	0	180
7:30 AM	0	0	0	0	6	2	25	0	0	43	20	0	10	130	0	0	236
7:45 AM	0	0	0	0	6	0	41	0	0	33	30	0	13	175	0	0	298
8:00 AM	0	0	0	0	5	2	41	0	0	48	29	0	6	154	0	0	285
8:15 AM	0	0	0	0	10	6	28	0	0	40	19	0	10	133	0	0	246
8:30 AM	0	0	0	0	7	7	34	0	0	47	30	0	8	139	0	0	272
8:45 AM	0	0	0	0	6	3	33	0	0	46	31	0	15	150	0	0	284
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	45	23	271	0	0	339	229	0	89	1209	0	0	2205
APPROACH %'s :					13.27%	6.78%	79.94%	0.00%	0.00%	59.68%	40.32%	0.00%	6.86%	93.14%	0.00%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	0	0	0	0	28	15	144	0	0	168	108	0	37	601	0	0	1101
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.700	0.536	0.878	0.000	0.000	0.875	0.900	0.000	0.712	0.859	0.000	0.000	0.924
					0.974				0.896				0.848				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0 NL	0 NT	0 NR	0 NU	0 SL	0 ST	0 SR	0 SU	0 EL	0 ET	0 ER	0 EU	0 WL	0 WT	0 WR	0 WU	TOTAL
3:30 PM	0	0	0	0	10	12	37	0	0	59	68	0	20	88	0	0	294
3:45 PM	0	0	0	0	14	15	27	0	0	104	117	0	35	86	0	0	398
4:00 PM	0	0	0	0	15	13	21	0	0	110	99	0	31	93	0	0	382
4:15 PM	0	0	0	0	8	13	31	0	0	71	77	0	23	66	0	0	289
4:30 PM	0	0	0	0	18	10	18	0	0	55	87	0	12	65	0	0	265
4:45 PM	0	0	0	0	12	3	22	0	0	70	65	0	19	65	0	0	256
5:00 PM	0	0	0	0	8	19	14	0	0	48	87	0	15	50	0	0	241
5:15 PM	0	0	0	0	15	8	17	0	0	53	73	0	15	56	0	0	237
5:30 PM	0	0	0	0	10	8	14	0	0	54	36	0	25	56	0	0	203
5:45 PM	0	0	0	0	7	5	13	0	0	38	39	0	14	51	0	0	167
6:00 PM	0	0	0	0	2	4	12	0	0	47	35	0	6	47	0	0	153
6:15 PM	0	0	0	0	8	13	10	0	0	21	30	0	9	49	0	0	140
6:30 PM	0	0	0	0	3	4	22	0	0	35	26	0	12	40	0	0	142
6:45 PM	0	0	0	0	7	6	23	0	0	26	24	0	12	44	0	0	142
7:00 PM	0	0	0	0	6	2	18	0	0	27	18	0	9	35	0	0	115
7:15 PM	0	0	0	0	4	4	8	0	0	22	17	0	8	27	0	0	90
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	147	139	307	0	0	840	898	0	265	918	0	0	3514
APPROACH %'s :					24.79%	23.44%	51.77%	0.00%	0.00%	48.33%	51.67%	0.00%	22.40%	77.60%	0.00%	0.00%	
PEAK HR :	03:30 PM - 04:30 PM																TOTAL
PEAK HR VOL :	0	0	0	0	47	53	116	0	0	344	361	0	109	333	0	0	1363
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.783	0.883	0.784	0.000	0.000	0.782	0.771	0.000	0.779	0.895	0.000	0.000	0.856
					0.915				0.798				0.891				

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49-20 WB Ramps & Dorsey Dr
City: Grass Valley
Control: Signalized

Project ID: 19-07390-005
Date: 10/23/2019

Cars

NS/EW Streets:	SR 49-20 WB Ramps				SR 49-20 WB Ramps				Dorsey Dr				Dorsey Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	1	1	16	0	0	13	2	0	3	68	0	0	104
6:45 AM	0	0	0	0	0	1	11	0	0	17	19	0	6	78	0	0	132
7:00 AM	0	0	0	0	3	0	19	0	0	26	17	0	7	87	0	0	159
7:15 AM	0	0	0	0	1	1	22	0	0	23	31	0	9	89	0	0	176
7:30 AM	0	0	0	0	6	2	24	0	0	43	18	0	10	124	0	0	227
7:45 AM	0	0	0	0	6	0	41	0	0	33	29	0	13	171	0	0	293
8:00 AM	0	0	0	0	5	2	41	0	0	48	29	0	6	154	0	0	285
8:15 AM	0	0	0	0	10	6	28	0	0	39	19	0	9	131	0	0	242
8:30 AM	0	0	0	0	7	7	34	0	0	46	29	0	8	139	0	0	270
8:45 AM	0	0	0	0	6	3	32	0	0	42	30	0	15	148	0	0	276
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	45	23	268	0	0	330	223	0	86	1189	0	0	2164
APPROACH %'s :					13.39%	6.85%	79.76%	0.00%	0.00%	59.67%	40.33%	0.00%	6.75%	93.25%	0.00%	0.00%	
PEAK HR :	**07:45 AM - 08:45 AM**																TOTAL
PEAK HR VOL :	0	0	0	0	28	15	144	0	0	166	106	0	36	595	0	0	1090
PEAK HR FACTOR :	0.00	0.000	0.000	0.000	0.700	0.536	0.878	0.000	0.000	0.865	0.914	0.000	0.692	0.870	0.000	0.000	0.930
							0.974				0.883				0.857		

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	0	0	0	10	12	36	0	0	59	68	0	20	88	0	0	293
3:45 PM	0	0	0	0	13	14	27	0	0	103	117	0	35	85	0	0	394
4:00 PM	0	0	0	0	15	12	21	0	0	107	99	0	30	93	0	0	377
4:15 PM	0	0	0	0	8	13	30	0	0	70	77	0	23	66	0	0	287
4:30 PM	0	0	0	0	18	10	18	0	0	54	86	0	12	65	0	0	263
4:45 PM	0	0	0	0	12	3	22	0	0	70	64	0	19	65	0	0	255
5:00 PM	0	0	0	0	8	19	14	0	0	47	86	0	15	50	0	0	239
5:15 PM	0	0	0	0	9	8	17	0	0	52	73	0	15	54	0	0	228
5:30 PM	0	0	0	0	9	8	13	0	0	54	33	0	25	55	0	0	197
5:45 PM	0	0	0	0	7	5	13	0	0	38	38	0	14	51	0	0	166
6:00 PM	0	0	0	0	2	4	12	0	0	46	35	0	6	47	0	0	152
6:15 PM	0	0	0	0	7	13	10	0	0	20	30	0	9	48	0	0	137
6:30 PM	0	0	0	0	3	4	22	0	0	34	25	0	12	39	0	0	139
6:45 PM	0	0	0	0	6	6	23	0	0	26	24	0	12	44	0	0	141
7:00 PM	0	0	0	0	6	2	18	0	0	27	18	0	9	35	0	0	115
7:15 PM	0	0	0	0	4	4	8	0	0	22	17	0	8	27	0	0	90
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	137	137	304	0	0	829	890	0	264	912	0	0	3473
APPROACH %'s :					23.70%	23.70%	52.60%	0.00%	0.00%	48.23%	51.77%	0.00%	22.45%	77.55%	0.00%	0.00%	
PEAK HR :	**03:30 PM - 04:30 PM**																TOTAL
PEAK HR VOL :	0	0	0	0	46	51	114	0	0	339	361	0	108	332	0	0	1351
PEAK HR FACTOR :	0.00	0.000	0.000	0.000	0.767	0.911	0.792	0.000	0.000	0.792	0.771	0.000	0.771	0.892	0.000	0.000	0.857
							0.909				0.795				0.894		

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49-20 WB Ramps & Dorsey Dr
City: Grass Valley
Control: Signalized

Project ID: 19-07390-005
Date: 10/23/2019

HT

NS/EW Streets:	SR 49-20 WB Ramps				SR 49-20 WB Ramps				Dorsey Dr				Dorsey Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2
6:45 AM	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2
7:00 AM	0	0	0	0	0	0	1	0	0	1	1	0	0	2	0	0	5
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	4
7:30 AM	0	0	0	0	0	0	1	0	0	0	2	0	0	6	0	0	9
7:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0	0	5
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	1	0	0	1	2	0	0	4
8:30 AM	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
8:45 AM	0	0	0	0	0	0	1	0	0	4	1	0	0	2	0	0	8
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	3	0	0	9	6	0	3	20	0	0	41
APPROACH %'s :					0.00%	0.00%	100.00%	0.00%	0.00%	60.00%	40.00%	0.00%	13.04%	86.96%	0.00%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0	2	2	0	1	6	0	0	11
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.500	0.000	0.250	0.375	0.000	0.000	0.550
									0.500				0.438				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
3:45 PM	0	0	0	0	1	1	0	0	0	1	0	0	0	1	0	0	4
4:00 PM	0	0	0	0	0	1	0	0	0	3	0	0	1	0	0	0	5
4:15 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
4:30 PM	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
4:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
5:00 PM	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
5:15 PM	0	0	0	0	6	0	0	0	0	1	0	0	0	2	0	0	9
5:30 PM	0	0	0	0	1	0	1	0	0	0	3	0	0	1	0	0	6
5:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
6:00 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
6:15 PM	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0	3
6:30 PM	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	3
6:45 PM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	10	2	3	0	0	11	8	0	1	6	0	0	41
APPROACH %'s :					66.67%	13.33%	20.00%	0.00%	0.00%	57.89%	42.11%	0.00%	14.29%	85.71%	0.00%	0.00%	
PEAK HR :	03:30 PM - 04:30 PM																TOTAL
PEAK HR VOL :	0	0	0	0	1	2	2	0	0	5	0	0	1	1	0	0	12
PEAK HR FACTOR :	0.00	0.000	0.000	0.000	0.250	0.500	0.500	0.000	0.000	0.417	0.000	0.000	0.250	0.250	0.000	0.000	0.600
						0.625				0.417				0.500			

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49-20 WB Ramps & Dorsey Dr
City: Grass Valley
Control: Signalized

Project ID: 19-07390-005
Date: 10/23/2019

Bikes

NS/EW Streets:	SR 49-20 WB Ramps				SR 49-20 WB Ramps				Dorsey Dr				Dorsey Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
APPROACH %'s :													0.00%	100.00%	0.00%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.250
														0.250			

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	2
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	3
APPROACH %'s :					0.00%	100.00%	0.00%	0.00%	50.00%	50.00%	0.00%	0.00%					
PEAK HR :	03:30 PM - 04:30 PM																TOTAL
PEAK HR VOL :	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	2
PEAK HR FACTOR :	0.00	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250
						0.250				0.250							

National Data & Surveying Services

Intersection Turning Movement Count

Location: SR 49-20 WB Ramps & Dorsey Dr
City: Grass Valley
Project ID: 19-07390-005
Date: 10/23/2019

Pedestrians (Crosswalks)

NS/EW Streets:	SR 49-20 WB Ramps		SR 49-20 WB Ramps		Dorsey Dr		Dorsey Dr		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
6:30 AM	0	1	0	0	0	0	0	0	1
6:45 AM	0	1	0	0	0	0	0	1	2
7:00 AM	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0
8:15 AM	1	1	0	0	0	0	0	0	2
8:30 AM	0	0	0	0	0	0	0	0	0
8:45 AM	0	1	0	0	0	0	0	0	1
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	1	4	0	0	0	0	0	1	6
APPROACH %'s :	20.00%	80.00%					0.00%	100.00%	
PEAK HR :	**07:45 AM - 08:45 AM**								TOTAL
PEAK HR VOL :	1	1	0	0	0	0	0	0	2
PEAK HR FACTOR :	0.250	0.250							0.250
	0.250								

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
3:30 PM	1	0	0	0	0	0	0	0	1
3:45 PM	1	0	1	2	0	0	2	2	8
4:00 PM	1	0	0	0	0	0	0	0	1
4:15 PM	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0
4:45 PM	0	1	0	0	0	0	0	0	1
5:00 PM	0	0	1	0	0	0	0	0	1
5:15 PM	1	0	3	0	0	0	0	0	4
5:30 PM	1	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0
6:15 PM	1	0	0	0	0	0	0	0	1
6:30 PM	2	1	0	0	0	0	1	1	5
6:45 PM	1	3	0	0	2	0	0	0	6
7:00 PM	0	1	0	0	0	0	0	0	1
7:15 PM	1	1	0	0	0	0	0	0	2
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	10	7	5	2	2	0	3	3	32
APPROACH %'s :	58.82%	41.18%	71.43%	28.57%	100.00%	0.00%	50.00%	50.00%	
PEAK HR :	**03:30 PM - 04:30 PM**								TOTAL
PEAK HR VOL :	3	0	1	2	0	0	2	2	10
PEAK HR FACTOR :	0.750		0.250	0.250			0.250	0.250	0.313
	0.750		0.250				0.250		

Prepared by National Data & Surveying Services

SR 49-20 WB Ramps & Dorsey Dr

Peak Hour Turning Movement Count

ID: 19-07390-005
City: Grass Valley

Day: Wednesday
Date: 10/23/2019

PEAK HOURS

AM: 07:45 AM - 08:45 AM
NOON: NONE
PM: 03:30 PM - 04:30 PM

COUNT PERIODS

AM: 06:30 AM - 09:00 AM
NOON: NONE
PM: 03:30 PM - 07:30 PM

SR 49-20 WB Ramps — SOUTHBOUND

AM	144	15	28	0	0	AM
NOON	0	0	0	0	0	NOON
PM	116	53	47	0	0	PM

EASTBOUND — Dorsey Dr

AM	NOON	PM	
745	0	449	
0	0	0	0
0	0	0	0
168	0	344	0
108	0	361	0

WESTBOUND — Dorsey Dr

PM	NOON	AM	
0	0	0	0
333	0	601	0
109	0	37	0
0	0	0	0
391	0	196	

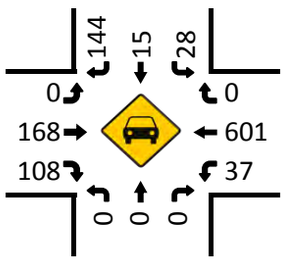
CONTROL: Signalized

	AM	NOON	PM
TEV	1101	0	1363
PHF	0.92		0.86

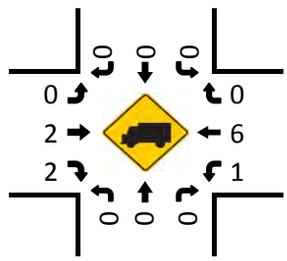
NORTHBOUND — SR 49-20 WB Ramps

PM	523	0	0	0	0	PM
NOON	0	0	0	0	0	NOON
AM	160	0	0	0	0	AM

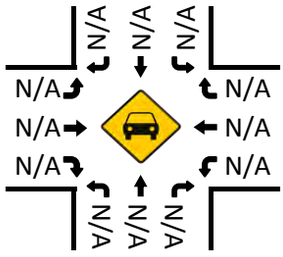
Total Vehicles (AM)



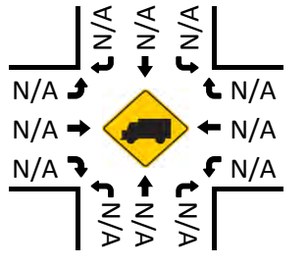
HT (AM)



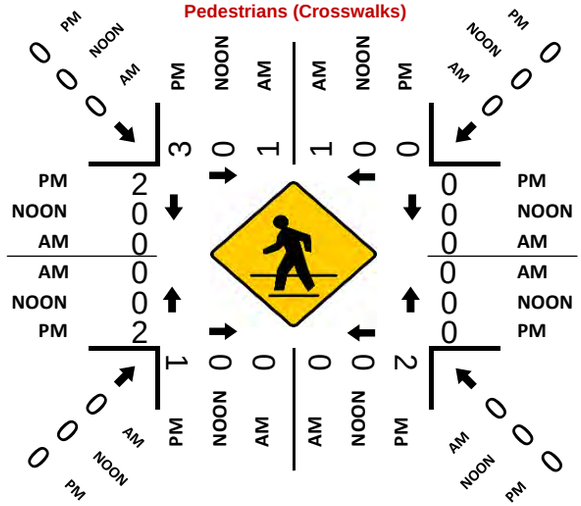
Total Vehicles (Noon)



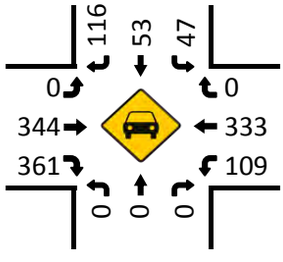
HT (NOON)



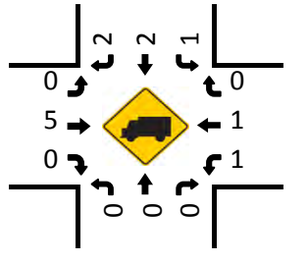
Pedestrians (Crosswalks)



Total Vehicles (PM)



HT (PM)



Day Type

1: Weekday (Tu-Th)

BRUNSWICK / LOMA RICA TURNING MOVEMENT COUNTS MIDWEEK AM / PM 2019

	0			Loma Rica East Leg WB IN			Brunswick South Leg NB IN			Brunswick North Leg SB IN			
	EB Left	EB Thru	EB Right	WB Left	WB Thru	WB Right	NB Left	NB Thru	NB Right	SB Left	SB Thru	SB Right	
Day Part													Total
0: All Day (12am-12am)	-	-	-	792	-	2,045	-	3,134	894	2,171	3,277	-	12,313
1: 6am (6am-7am)	-	-	-	4	-	13	-	123	89	110	54	-	393
2: 7am (7am-8am)	-	-	-	19	-	79	-	346	123	154	88	-	809
3: 8am (8am-9am)	-	-	-	30	-	140	-	347	87	153	119	-	876
4: 3pm (3pm-4pm)	-	-	-	86	-	208	-	230	49	152	322	-	1,047
5: 4pm (4pm-5pm)	-	-	-	97	-	228	-	196	38	124	362	-	1,045
6: 5pm (5pm-6pm)	-	-	-	103	-	154	-	242	30	104	451	-	1,084
7: 6pm (6pm-7pm)	-	-	-	39	-	108	-	177	20	48	264	-	656
8: 7pm (7pm-8pm)	-	-	-	33	-	55	-	94	10	63	197	-	452
	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-
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TURNING MOVEMENT PERCENTAGE

	0			Loma Rica East Leg WB IN			Brunswick South Leg NB IN			Brunswick North Leg SB IN		
	EB Left	EB Thru	EB Right	WB Left	WB Thru	WB Right	NB Left	NB Thru	NB Right	SB Left	SB Thru	SB Right
Day Part												
0: All Day (12am-12am)	-	-	-	28%	0%	72%	0%	78%	22%	40%	60%	0%
1: 6am (6am-7am)	-	-	-	24%	0%	76%	0%	58%	42%	67%	33%	0%
2: 7am (7am-8am)	-	-	-	19%	0%	81%	0%	74%	26%	64%	36%	0%
3: 8am (8am-9am)	-	-	-	18%	0%	82%	0%	80%	20%	56%	44%	0%
4: 3pm (3pm-4pm)	-	-	-	29%	0%	71%	0%	82%	18%	32%	68%	0%
5: 4pm (4pm-5pm)	-	-	-	30%	0%	70%	0%	84%	16%	26%	74%	0%
6: 5pm (5pm-6pm)	-	-	-	40%	0%	60%	0%	89%	11%	19%	81%	0%
7: 6pm (6pm-7pm)	-	-	-	27%	0%	73%	0%	90%	10%	15%	85%	0%
8: 7pm (7pm-8pm)	-	-	-	38%	0%	63%	0%	90%	10%	24%	76%	0%
	-	-	-	-	-	-	-	-	-	-	-	-
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Prepared by National Data & Surveying Services

Lanes Count

Location: Tinloy St & Neal St
City: Grass Valley

Date: 8/28/2019
Day: Wednesday

TIME	Cars	
	STL	STR
6:30 AM	8	12
6:45 AM	12	13
7:00 AM	10	10
7:15 AM	17	19
7:30 AM	16	13
7:45 AM	48	29
8:00 AM	46	11
8:15 AM	69	23
8:30 AM	34	22
8:45 AM	36	37
Totals	*296*	*189*
3:30 PM	34	34
3:45 PM	42	54
4:00 PM	35	47
4:15 PM	29	49
4:30 PM	31	62
4:45 PM	44	44
5:00 PM	43	59
5:15 PM	33	52
5:30 PM	30	45
5:45 PM	39	41
6:00 PM	18	35
6:15 PM	16	23
6:30 PM	21	33
6:45 PM	25	31
7:00 PM	19	42
7:15 PM	17	19
Totals	*476*	*670*
Grand Totals	*772*	*859*

TIME	HT	
	STL	STR
6:30 AM	2	2
6:45 AM	2	1
7:00 AM	1	5
7:15 AM	0	1
7:30 AM	1	2
7:45 AM	3	2
8:00 AM	2	4
8:15 AM	2	1
8:30 AM	0	1
8:45 AM	3	1
Totals	*16*	*20*
3:30 PM	2	2
3:45 PM	2	0
4:00 PM	0	4
4:15 PM	1	2
4:30 PM	1	2
4:45 PM	0	2
5:00 PM	0	4
5:15 PM	1	1
5:30 PM	0	2
5:45 PM	0	0
6:00 PM	0	2
6:15 PM	0	1
6:30 PM	1	2
6:45 PM	2	1
7:00 PM	1	3
7:15 PM	1	0
Totals	*12*	*28*
Grand Totals	*28*	*48*

TIME	Bikes	
	STL	STR
6:30 AM	0	0
6:45 AM	0	0
7:00 AM	0	0
7:15 AM	0	0
7:30 AM	1	0
7:45 AM	0	0
8:00 AM	0	0
8:15 AM	0	0
8:30 AM	0	0
8:45 AM	0	0
Totals	*1*	*0*
3:30 PM	0	0
3:45 PM	1	0
4:00 PM	0	0
4:15 PM	0	0
4:30 PM	0	1
4:45 PM	0	0
5:00 PM	1	0
5:15 PM	0	1
5:30 PM	0	0
5:45 PM	0	0
6:00 PM	0	0
6:15 PM	0	0
6:30 PM	0	0
6:45 PM	0	0
7:00 PM	0	0
7:15 PM	0	0
Totals	*2*	*2*
Grand Totals	*3*	*2*

TIME	Peds	
	NEB	NWB
6:30 AM	0	2
6:45 AM	0	2
7:00 AM	1	1
7:15 AM	0	1
7:30 AM	2	0
7:45 AM	0	1
8:00 AM	2	1
8:15 AM	0	0
8:30 AM	2	2
8:45 AM	0	0
Totals	*7*	*10*
3:30 PM	2	0
3:45 PM	1	1
4:00 PM	3	0
4:15 PM	1	0
4:30 PM	0	1
4:45 PM	1	3
5:00 PM	3	2
5:15 PM	1	1
5:30 PM	0	0
5:45 PM	0	0
6:00 PM	0	0
6:15 PM	0	0
6:30 PM	0	0
6:45 PM	0	0
7:00 PM	0	0
7:15 PM	0	0
Totals	*12*	*8*
Grand Totals	*19*	*18*

Prepared by National Data & Surveying Services

Lanes Count

Location: Auburn St & Tinloy St/SR 49 On-Ramps
City: Grass Valley

Date: 8/28/2019
Day: Wednesday

TIME	Cars			
	NLT	NT	WLT	WT
6:30 AM	10	16	15	14
6:45 AM	17	36	18	12
7:00 AM	8	34	18	9
7:15 AM	16	32	31	11
7:30 AM	12	44	25	12
7:45 AM	24	52	52	18
8:00 AM	28	70	41	17
8:15 AM	53	71	34	19
8:30 AM	29	64	44	26
8:45 AM	25	73	46	19
Totals	***222***	***492***	***324***	***157***
3:30 PM	28	53	36	37
3:45 PM	29	57	45	33
4:00 PM	35	43	35	27
4:15 PM	31	55	32	34
4:30 PM	26	60	42	45
4:45 PM	28	60	49	32
5:00 PM	26	57	37	35
5:15 PM	40	63	34	26
5:30 PM	22	62	32	30
5:45 PM	27	45	25	21
6:00 PM	26	34	22	19
6:15 PM	19	47	23	20
6:30 PM	24	32	23	19
6:45 PM	22	32	28	15
7:00 PM	17	28	14	23
7:15 PM	14	31	20	21
Totals	***414***	***759***	***497***	***437***
Grand Totals	***636***	***1251***	***821***	***594***

TIME	HT			
	NLT	NT	WLT	WT
6:30 AM	1	1	0	2
6:45 AM	0	2	5	2
7:00 AM	1	1	4	8
7:15 AM	1	2	3	5
7:30 AM	0	0	2	4
7:45 AM	0	3	4	2
8:00 AM	1	0	1	4
8:15 AM	1	1	4	3
8:30 AM	0	1	0	3
8:45 AM	0	1	2	0
Totals	***5***	***12***	***25***	***33***
3:30 PM	1	0	2	2
3:45 PM	0	0	1	1
4:00 PM	0	1	0	2
4:15 PM	0	2	0	3
4:30 PM	0	2	0	1
4:45 PM	0	0	2	3
5:00 PM	0	0	0	3
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	1	0
6:00 PM	0	2	0	0
6:15 PM	0	0	1	0
6:30 PM	0	0	1	0
6:45 PM	0	1	2	1
7:00 PM	0	1	1	0
7:15 PM	0	0	1	0
Totals	***1***	***9***	***12***	***16***
Grand Totals	***6***	***21***	***37***	***49***

TIME	Bikes			
	NLT	NT	WLT	WT
6:30 AM	0	0	0	0
6:45 AM	0	0	0	0
7:00 AM	0	0	0	0
7:15 AM	0	0	0	0
7:30 AM	0	0	0	0
7:45 AM	0	0	0	0
8:00 AM	0	0	0	0
8:15 AM	0	0	0	0
8:30 AM	0	0	0	0
8:45 AM	0	0	0	0
Totals	***0***	***0***	***0***	***0***
3:30 PM	0	0	0	0
3:45 PM	0	0	0	0
4:00 PM	0	0	0	0
4:15 PM	0	0	0	0
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	1	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0
7:00 PM	0	0	0	0
7:15 PM	0	0	0	0
Totals	***0***	***1***	***0***	***0***
Grand Totals	***0***	***1***	***0***	***0***

TIME	Peds			
	NEB	NWB	ENB	ESB
6:30 AM	0	0	0	0
6:45 AM	0	0	1	0
7:00 AM	0	0	0	0
7:15 AM	0	0	1	0
7:30 AM	0	0	1	1
7:45 AM	0	0	1	0
8:00 AM	0	0	0	0
8:15 AM	0	0	2	10
8:30 AM	0	0	1	2
8:45 AM	0	0	1	0
Totals	***0***	***0***	***8***	***13***
3:30 PM	0	0	0	0
3:45 PM	0	0	0	0
4:00 PM	0	0	1	0
4:15 PM	0	0	0	1
4:30 PM	0	0	0	0
4:45 PM	0	0	0	3
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	1
7:00 PM	0	0	0	0
7:15 PM	0	0	0	0
Totals	***0***	***0***	***1***	***5***
Grand Totals	***0***	***0***	***9***	***18***

Prepared by National Data & Surveying Services

Lanes Count

Location: Bennett St & SR 49 WB Off Ramps/Tinloy St
City: Grass Valley

Date: 8/28/2019
Day: Wednesday

TIME	Cars	
	WTL	WTR
6:30 AM	13	15
6:45 AM	16	19
7:00 AM	25	15
7:15 AM	26	19
7:30 AM	36	35
7:45 AM	64	57
8:00 AM	66	69
8:15 AM	80	62
8:30 AM	53	54
8:45 AM	49	53
Totals	*428*	*398*
3:30 PM	61	47
3:45 PM	63	65
4:00 PM	71	71
4:15 PM	48	65
4:30 PM	46	65
4:45 PM	56	78
5:00 PM	75	73
5:15 PM	61	89
5:30 PM	56	65
5:45 PM	56	61
6:00 PM	35	62
6:15 PM	48	36
6:30 PM	34	40
6:45 PM	50	30
7:00 PM	24	35
7:15 PM	39	27
Totals	*823*	*909*
Grand Totals	*1251*	*1307*

TIME	HT	
	WTL	WTR
6:30 AM	0	1
6:45 AM	0	2
7:00 AM	0	2
7:15 AM	1	0
7:30 AM	0	0
7:45 AM	5	1
8:00 AM	5	0
8:15 AM	12	0
8:30 AM	10	1
8:45 AM	4	1
Totals	*37*	*8*
3:30 PM	2	1
3:45 PM	2	0
4:00 PM	1	0
4:15 PM	2	1
4:30 PM	2	1
4:45 PM	1	0
5:00 PM	0	1
5:15 PM	4	1
5:30 PM	0	2
5:45 PM	0	0
6:00 PM	0	0
6:15 PM	0	0
6:30 PM	0	0
6:45 PM	1	0
7:00 PM	0	0
7:15 PM	0	0
Totals	*15*	*7*
Grand Totals	*52*	*15*

TIME	Bikes	
	WTL	WTR
6:30 AM	0	0
6:45 AM	0	0
7:00 AM	0	0
7:15 AM	0	0
7:30 AM	0	0
7:45 AM	0	0
8:00 AM	0	0
8:15 AM	0	0
8:30 AM	0	0
8:45 AM	0	0
Totals	*0*	*0*
3:30 PM	0	0
3:45 PM	0	0
4:00 PM	0	0
4:15 PM	0	0
4:30 PM	0	0
4:45 PM	0	0
5:00 PM	0	0
5:15 PM	0	0
5:30 PM	0	0
5:45 PM	0	0
6:00 PM	0	0
6:15 PM	0	0
6:30 PM	0	0
6:45 PM	0	0
7:00 PM	0	0
7:15 PM	0	0
Totals	*0*	*0*
Grand Totals	*0*	*0*

TIME	Peds	
	ENB	ESB
6:30 AM	0	0
6:45 AM	0	0
7:00 AM	0	0
7:15 AM	0	0
7:30 AM	0	0
7:45 AM	0	0
8:00 AM	0	0
8:15 AM	0	0
8:30 AM	0	0
8:45 AM	0	0
Totals	*0*	*0*
3:30 PM	2	0
3:45 PM	0	0
4:00 PM	0	0
4:15 PM	0	0
4:30 PM	0	0
4:45 PM	0	0
5:00 PM	0	0
5:15 PM	0	0
5:30 PM	0	0
5:45 PM	0	1
6:00 PM	0	0
6:15 PM	0	0
6:30 PM	0	1
6:45 PM	1	2
7:00 PM	0	1
7:15 PM	0	2
Totals	*3*	*7*
Grand Totals	*3*	*7*

Prepared by National Data & Surveying Services

Lanes Count

Location: Bennett St & Hansen Way/SR 49 EB Ramps
City: Grass Valley

Date: 8/28/2019
Day: Wednesday

TIME	Cars	
	NTL	NTR
6:30 AM	15	9
6:45 AM	17	11
7:00 AM	15	14
7:15 AM	14	11
7:30 AM	29	19
7:45 AM	46	20
8:00 AM	42	21
8:15 AM	46	49
8:30 AM	63	41
8:45 AM	54	41
Totals	*341*	*236*
3:30 PM	62	36
3:45 PM	61	38
4:00 PM	58	38
4:15 PM	42	31
4:30 PM	49	20
4:45 PM	64	22
5:00 PM	61	29
5:15 PM	65	31
5:30 PM	41	27
5:45 PM	48	25
6:00 PM	38	27
6:15 PM	34	16
6:30 PM	34	15
6:45 PM	31	13
7:00 PM	34	18
7:15 PM	43	19
Totals	*765*	*405*
Grand Totals	*1106*	*641*

TIME	HT	
	NTL	NTR
6:30 AM	0	0
6:45 AM	0	0
7:00 AM	2	0
7:15 AM	1	1
7:30 AM	1	1
7:45 AM	4	1
8:00 AM	5	2
8:15 AM	5	1
8:30 AM	0	4
8:45 AM	0	0
Totals	*18*	*10*
3:30 PM	2	0
3:45 PM	0	2
4:00 PM	0	0
4:15 PM	3	3
4:30 PM	0	0
4:45 PM	1	0
5:00 PM	0	0
5:15 PM	2	1
5:30 PM	1	2
5:45 PM	0	0
6:00 PM	0	0
6:15 PM	2	1
6:30 PM	1	0
6:45 PM	1	0
7:00 PM	1	0
7:15 PM	2	2
Totals	*16*	*11*
Grand Totals	*34*	*21*

TIME	Bikes	
	NTL	NTR
6:30 AM	0	0
6:45 AM	0	0
7:00 AM	0	0
7:15 AM	0	0
7:30 AM	0	0
7:45 AM	1	0
8:00 AM	0	0
8:15 AM	0	0
8:30 AM	0	0
8:45 AM	0	0
Totals	*1*	*0*
3:30 PM	0	0
3:45 PM	0	0
4:00 PM	0	0
4:15 PM	0	0
4:30 PM	0	0
4:45 PM	0	0
5:00 PM	0	0
5:15 PM	0	0
5:30 PM	0	0
5:45 PM	0	0
6:00 PM	0	0
6:15 PM	0	0
6:30 PM	0	0
6:45 PM	0	0
7:00 PM	0	0
7:15 PM	0	0
Totals	*0*	*0*
Grand Totals	*1*	*0*

TIME	Peds	
	SEB	SWB
6:30 AM	0	1
6:45 AM	0	0
7:00 AM	0	1
7:15 AM	1	0
7:30 AM	0	0
7:45 AM	0	0
8:00 AM	1	0
8:15 AM	0	1
8:30 AM	2	0
8:45 AM	4	1
Totals	*8*	*4*
3:30 PM	0	1
3:45 PM	0	1
4:00 PM	1	0
4:15 PM	0	0
4:30 PM	0	0
4:45 PM	0	1
5:00 PM	1	0
5:15 PM	1	0
5:30 PM	0	0
5:45 PM	0	3
6:00 PM	1	0
6:15 PM	0	2
6:30 PM	0	2
6:45 PM	0	0
7:00 PM	2	0
7:15 PM	0	0
Totals	*6*	*10*
Grand Totals	*14*	*14*

Prepared by National Data & Surveying Services

Lanes Count

Location: SR 49 NB Ramps & Idaho Maryland Rd
City: Grass Valley

Date: 8/28/2019
Day: Wednesday

TIME	Cars	
	WTL	WT
6:30 AM	34	4
6:45 AM	28	6
7:00 AM	38	5
7:15 AM	41	6
7:30 AM	52	18
7:45 AM	51	18
8:00 AM	69	26
8:15 AM	62	37
8:30 AM	76	21
8:45 AM	68	19
Totals	***519***	***160***
3:30 PM	121	63
3:45 PM	99	50
4:00 PM	106	49
4:15 PM	84	47
4:30 PM	124	57
4:45 PM	105	55
5:00 PM	156	87
5:15 PM	121	48
5:30 PM	125	49
5:45 PM	88	24
6:00 PM	78	22
6:15 PM	46	17
6:30 PM	36	15
6:45 PM	33	9
7:00 PM	40	7
7:15 PM	21	11
Totals	***1383***	***610***
Grand Totals	***1902***	***770***

TIME	HT	
	WTL	WT
6:30 AM	3	0
6:45 AM	7	1
7:00 AM	6	1
7:15 AM	6	0
7:30 AM	12	0
7:45 AM	13	2
8:00 AM	12	1
8:15 AM	12	1
8:30 AM	4	1
8:45 AM	3	2
Totals	***78***	***9***
3:30 PM	3	1
3:45 PM	3	1
4:00 PM	0	0
4:15 PM	3	2
4:30 PM	2	1
4:45 PM	2	0
5:00 PM	2	1
5:15 PM	0	1
5:30 PM	0	1
5:45 PM	3	0
6:00 PM	0	0
6:15 PM	0	0
6:30 PM	1	1
6:45 PM	0	0
7:00 PM	0	0
7:15 PM	0	0
Totals	***19***	***9***
Grand Totals	***97***	***18***

TIME	Bikes	
	WTL	WT
6:30 AM	0	0
6:45 AM	0	0
7:00 AM	0	0
7:15 AM	0	0
7:30 AM	0	0
7:45 AM	0	0
8:00 AM	0	0
8:15 AM	0	0
8:30 AM	0	0
8:45 AM	0	1
Totals	***0***	***1***
3:30 PM	0	0
3:45 PM	0	1
4:00 PM	0	1
4:15 PM	0	0
4:30 PM	0	1
4:45 PM	0	0
5:00 PM	0	0
5:15 PM	0	1
5:30 PM	0	0
5:45 PM	0	1
6:00 PM	0	0
6:15 PM	0	0
6:30 PM	0	1
6:45 PM	0	2
7:00 PM	0	0
7:15 PM	0	0
Totals	***0***	***8***
Grand Totals	***0***	***9***

TIME	Peds	
	ENB	ESB
6:30 AM	0	0
6:45 AM	0	0
7:00 AM	0	0
7:15 AM	0	0
7:30 AM	0	0
7:45 AM	0	0
8:00 AM	0	0
8:15 AM	0	0
8:30 AM	0	0
8:45 AM	0	0
Totals	***0***	***0***
3:30 PM	0	0
3:45 PM	0	0
4:00 PM	0	0
4:15 PM	0	0
4:30 PM	0	0
4:45 PM	0	0
5:00 PM	0	0
5:15 PM	0	0
5:30 PM	0	0
5:45 PM	0	0
6:00 PM	0	0
6:15 PM	0	0
6:30 PM	0	0
6:45 PM	0	0
7:00 PM	0	0
7:15 PM	0	0
Totals	***0***	***0***
Grand Totals	***0***	***0***

Prepared by National Data & Surveying Services

Lanes Count

Location: E Main St/Nevada City Hwy & Brunswick Rd
City: Grass Valley

Date: 8/28/2019
Day: Wednesday

TIME	Cars			
	SL1	SL2	WL	WTL
6:30 AM	21	6	9	6
6:45 AM	23	7	21	7
7:00 AM	26	9	8	4
7:15 AM	33	9	20	6
7:30 AM	26	4	25	12
7:45 AM	26	8	37	25
8:00 AM	35	14	45	29
8:15 AM	54	16	34	23
8:30 AM	59	24	46	12
8:45 AM	56	21	35	16
Totals	*359*	*118*	*280*	*140*
3:30 PM	89	40	29	22
3:45 PM	84	33	37	15
4:00 PM	82	50	30	22
4:15 PM	82	29	31	22
4:30 PM	88	27	39	24
4:45 PM	81	31	29	23
5:00 PM	81	36	30	25
5:15 PM	75	28	29	21
5:30 PM	70	29	32	19
5:45 PM	67	25	29	16
6:00 PM	82	29	21	17
6:15 PM	88	16	18	13
6:30 PM	55	18	21	16
6:45 PM	53	21	14	16
7:00 PM	64	19	18	15
7:15 PM	42	8	12	13
Totals	*1183*	*439*	*419*	*299*
Grand Totals	*1542*	*557*	*699*	*439*

TIME	HT			
	SL1	SL2	WL	WTL
6:30 AM	0	0	0	0
6:45 AM	0	0	0	0
7:00 AM	0	0	0	0
7:15 AM	3	0	0	0
7:30 AM	1	0	1	0
7:45 AM	2	0	0	0
8:00 AM	2	0	1	1
8:15 AM	3	0	1	1
8:30 AM	1	0	1	0
8:45 AM	2	0	0	0
Totals	*14*	*0*	*4*	*2*
3:30 PM	0	0	0	1
3:45 PM	0	0	0	0
4:00 PM	3	1	0	0
4:15 PM	1	0	0	0
4:30 PM	1	0	0	0
4:45 PM	0	0	0	0
5:00 PM	2	0	0	0
5:15 PM	0	0	1	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	2	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	2	0
6:45 PM	1	0	0	1
7:00 PM	1	0	0	0
7:15 PM	0	0	0	0
Totals	*11*	*1*	*3*	*2*
Grand Totals	*25*	*1*	*7*	*4*

TIME	Bikes			
	SL1	SL2	WL	WTL
6:30 AM	0	0	0	0
6:45 AM	0	0	0	0
7:00 AM	0	0	0	0
7:15 AM	0	0	0	0
7:30 AM	0	0	0	0
7:45 AM	0	0	0	0
8:00 AM	0	0	0	0
8:15 AM	0	0	0	0
8:30 AM	0	0	0	0
8:45 AM	0	0	0	0
Totals	*0*	*0*	*0*	*0*
3:30 PM	0	0	0	0
3:45 PM	0	0	0	0
4:00 PM	0	0	0	0
4:15 PM	0	0	0	0
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0
7:00 PM	0	0	0	1
7:15 PM	0	0	0	0
Totals	*0*	*0*	*0*	*1*
Grand Totals	*0*	*0*	*0*	*1*

TIME	Peds			
	NEB	NWB	ENB	ESB
6:30 AM	0	0	0	0
6:45 AM	0	0	0	0
7:00 AM	0	0	0	0
7:15 AM	1	0	0	0
7:30 AM	1	0	0	0
7:45 AM	0	0	0	0
8:00 AM	0	0	0	0
8:15 AM	0	0	0	0
8:30 AM	0	0	0	0
8:45 AM	0	0	0	0
Totals	*2*	*0*	*0*	*0*
3:30 PM	1	0	0	0
3:45 PM	2	0	0	0
4:00 PM	1	0	0	0
4:15 PM	0	0	0	0
4:30 PM	1	0	0	0
4:45 PM	1	0	0	0
5:00 PM	1	0	0	0
5:15 PM	2	0	0	0
5:30 PM	0	0	0	0
5:45 PM	1	0	0	0
6:00 PM	1	0	0	0
6:15 PM	0	0	0	0
6:30 PM	1	1	0	0
6:45 PM	0	0	0	0
7:00 PM	0	0	0	0
7:15 PM	0	0	0	0
Totals	*12*	*1*	*0*	*0*
Grand Totals	*14*	*1*	*0*	*0*

Prepared by National Data & Surveying Services

Lanes Count

Location: SR 49 SB Ramps & Brunswick Rd
City: Grass Valley

Date: 8/28/2019
Day: Wednesday

TIME	Cars					
	SL1	SL2	ET	ETR	WT1	WT2
6:30 AM	13	4	11	22	8	24
6:45 AM	28	13	10	27	25	31
7:00 AM	18	11	15	31	9	44
7:15 AM	22	18	18	33	15	44
7:30 AM	23	14	12	38	30	51
7:45 AM	34	15	24	45	38	57
8:00 AM	38	31	20	50	57	51
8:15 AM	38	34	30	60	46	58
8:30 AM	26	26	40	73	40	87
8:45 AM	43	39	36	74	37	87
Totals	*283*	*205*	*216*	*453*	*305*	*534*
3:30 PM	38	36	46	111	37	105
3:45 PM	33	31	45	107	35	93
4:00 PM	52	39	64	114	46	119
4:15 PM	41	40	49	124	45	97
4:30 PM	41	39	41	117	45	86
4:45 PM	37	38	49	111	42	106
5:00 PM	54	57	48	106	38	94
5:15 PM	33	30	47	106	33	85
5:30 PM	23	22	41	104	37	72
5:45 PM	24	27	39	84	34	66
6:00 PM	30	24	43	107	33	62
6:15 PM	28	26	28	103	20	59
6:30 PM	25	20	29	62	27	40
6:45 PM	23	20	32	70	19	45
7:00 PM	16	21	26	74	25	55
7:15 PM	17	24	27	59	17	36
Totals	*515*	*494*	*654*	*1559*	*533*	*1220*
Grand Totals	*798*	*699*	*870*	*2012*	*838*	*1754*

TIME	HT					
	SL1	SL2	ET	ETR	WT1	WT2
6:30 AM	0	0	0	0	0	3
6:45 AM	0	1	1	1	0	2
7:00 AM	1	2	0	1	0	2
7:15 AM	0	0	0	3	0	2
7:30 AM	1	1	0	1	1	2
7:45 AM	0	0	0	2	0	2
8:00 AM	0	1	3	3	2	0
8:15 AM	0	2	1	3	2	2
8:30 AM	0	0	0	1	1	1
8:45 AM	0	0	1	2	0	0
Totals	*2*	*7*	*6*	*17*	*6*	*16*
3:30 PM	0	1	0	1	1	1
3:45 PM	0	2	0	0	0	1
4:00 PM	1	3	1	3	0	1
4:15 PM	0	4	0	0	0	0
4:30 PM	0	1	0	1	0	0
4:45 PM	1	1	0	0	0	0
5:00 PM	0	1	0	2	0	0
5:15 PM	0	2	0	0	1	1
5:30 PM	0	1	0	2	0	0
5:45 PM	0	0	0	0	0	0
6:00 PM	0	0	0	2	0	0
6:15 PM	0	1	0	0	0	0
6:30 PM	0	1	0	0	2	0
6:45 PM	1	1	0	0	0	0
7:00 PM	0	2	2	3	0	1
7:15 PM	0	1	0	0	0	0
Totals	*3*	*22*	*3*	*14*	*4*	*5*
Grand Totals	*5*	*29*	*9*	*31*	*10*	*21*

TIME	Bikes					
	SL1	SL2	ET	ETR	WT1	WT2
6:30 AM	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0
7:45 AM	0	0	0	1	0	0
8:00 AM	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0
Totals	*0*	*0*	*0*	*1*	*0*	*0*
3:30 PM	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	2
6:30 PM	0	0	0	0	0	0
6:45 PM	0	0	0	1	0	0
7:00 PM	0	0	0	0	0	1
7:15 PM	0	0	0	0	0	0
Totals	*0*	*0*	*0*	*1*	*0*	*3*
Grand Totals	*0*	*0*	*0*	*2*	*0*	*3*

TIME	Peds					
	NEB	NWB	ENB	ESB	WNB	WSB
6:30 AM	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0
Totals	*0*	*0*	*0*	*0*	*0*	*0*
3:30 PM	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0
Totals	*0*	*0*	*0*	*0*	*0*	*0*
Grand Totals	*0*	*0*	*0*	*0*	*0*	*0*

Prepared by National Data & Surveying Services

Lanes Count

Location: SR 49 NB Ramps & Brunswick Rd
City: Grass Valley

Date: 8/28/2019
Day: Wednesday

TIME	Cars			
	ET1	ET2	WT1	WT2
6:30 AM	24	13	11	31
6:45 AM	36	24	18	38
7:00 AM	33	17	6	60
7:15 AM	40	27	26	36
7:30 AM	37	32	36	80
7:45 AM	56	36	39	76
8:00 AM	54	57	56	57
8:15 AM	70	58	54	82
8:30 AM	66	59	46	87
8:45 AM	87	78	45	91
Totals	*503*	*401*	*337*	*638*
3:30 PM	81	87	58	142
3:45 PM	79	68	52	154
4:00 PM	102	95	66	146
4:15 PM	93	94	69	163
4:30 PM	78	87	77	146
4:45 PM	75	95	57	161
5:00 PM	93	108	72	181
5:15 PM	82	75	54	161
5:30 PM	62	71	53	129
5:45 PM	55	68	55	125
6:00 PM	64	66	44	107
6:15 PM	55	67	38	87
6:30 PM	56	45	35	75
6:45 PM	43	55	23	72
7:00 PM	41	53	39	75
7:15 PM	42	48	29	61
Totals	*1101*	*1182*	*821*	*1985*
Grand Totals	*1604*	*1583*	*1158*	*2623*

TIME	HT			
	ET1	ET2	WT1	WT2
6:30 AM	0	0	0	3
6:45 AM	0	2	0	7
7:00 AM	0	4	0	5
7:15 AM	0	1	0	3
7:30 AM	2	1	0	6
7:45 AM	0	0	0	2
8:00 AM	3	3	2	2
8:15 AM	2	2	1	3
8:30 AM	0	1	1	3
8:45 AM	0	1	0	1
Totals	*7*	*15*	*4*	*35*
3:30 PM	0	3	0	4
3:45 PM	0	2	0	2
4:00 PM	1	6	0	2
4:15 PM	0	4	0	2
4:30 PM	0	4	0	3
4:45 PM	2	1	0	0
5:00 PM	0	2	0	0
5:15 PM	1	1	0	2
5:30 PM	0	2	1	0
5:45 PM	1	0	0	1
6:00 PM	0	4	0	0
6:15 PM	0	1	0	1
6:30 PM	0	1	1	0
6:45 PM	1	2	0	0
7:00 PM	2	4	0	0
7:15 PM	0	1	0	0
Totals	*8*	*38*	*2*	*17*
Grand Totals	*15*	*53*	*6*	*52*

TIME	Bikes			
	ET1	ET2	WT1	WT2
6:30 AM	0	0	0	0
6:45 AM	0	0	0	0
7:00 AM	0	0	0	0
7:15 AM	0	0	0	0
7:30 AM	0	1	0	0
7:45 AM	0	1	0	0
8:00 AM	0	0	0	0
8:15 AM	0	0	0	0
8:30 AM	0	0	0	0
8:45 AM	0	1	0	0
Totals	*0*	*3*	*0*	*0*
3:30 PM	0	0	0	0
3:45 PM	0	0	0	0
4:00 PM	0	0	0	0
4:15 PM	0	0	0	0
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	1
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	1	0	0
7:00 PM	0	0	0	1
7:15 PM	0	0	0	0
Totals	*0*	*1*	*0*	*2*
Grand Totals	*0*	*4*	*0*	*2*

TIME	Peds			
	ENB	ESB	WNB	WSB
6:30 AM	0	0	0	0
6:45 AM	0	0	0	0
7:00 AM	0	0	0	0
7:15 AM	0	0	0	0
7:30 AM	0	0	0	0
7:45 AM	0	0	0	0
8:00 AM	0	0	0	0
8:15 AM	0	0	0	0
8:30 AM	0	0	0	0
8:45 AM	0	0	0	0
Totals	*0*	*0*	*0*	*0*
3:30 PM	0	0	0	0
3:45 PM	0	0	0	0
4:00 PM	0	0	0	0
4:15 PM	0	0	0	0
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0
7:00 PM	0	0	0	0
7:15 PM	0	0	0	0
Totals	*0*	*0*	*0*	*0*
Grand Totals	*0*	*0*	*0*	*0*

Prepared by National Data & Surveying Services

Lanes Count

Location: Sutton Way & Brunswick Rd
City: Grass Valley

Date: 8/28/2019
Day: Wednesday

TIME	Cars							
	NL1	NL2	EL1	EL2	ET1	ET2	WT	WTR
6:30 AM	9	2	2	9	34	17	6	33
6:45 AM	17	2	11	15	47	34	21	49
7:00 AM	12	4	7	10	42	19	9	59
7:15 AM	15	4	11	17	56	28	24	42
7:30 AM	25	2	10	19	43	32	32	72
7:45 AM	38	5	18	23	73	44	29	89
8:00 AM	29	7	17	28	64	41	41	83
8:15 AM	41	15	21	24	71	46	42	74
8:30 AM	42	11	18	21	63	47	37	80
8:45 AM	45	19	23	27	79	49	24	85
Totals	***273***	***71***	***138***	***193***	***572***	***357***	***265***	***666***
3:30 PM	35	76	33	45	84	44	55	103
3:45 PM	30	111	29	31	76	44	33	98
4:00 PM	31	89	34	47	78	52	52	114
4:15 PM	18	113	28	23	88	39	37	121
4:30 PM	26	104	25	26	66	50	47	108
4:45 PM	24	82	24	29	80	46	38	112
5:00 PM	29	115	27	33	76	35	57	106
5:15 PM	31	87	22	32	75	49	38	111
5:30 PM	28	69	17	36	57	44	31	80
5:45 PM	24	71	12	34	60	36	26	77
6:00 PM	20	61	15	26	62	35	27	64
6:15 PM	17	55	15	24	53	34	27	64
6:30 PM	21	48	12	17	56	15	17	54
6:45 PM	15	36	5	18	41	26	14	52
7:00 PM	15	50	16	15	32	16	20	37
7:15 PM	15	33	14	12	44	18	11	43
Totals	***379***	***1200***	***328***	***448***	***1028***	***583***	***530***	***1344***
Grand Totals	***652***	***1271***	***466***	***641***	***1600***	***940***	***795***	***2010***

TIME	HT							
	NL1	NL2	EL1	EL2	ET1	ET2	WT	WTR
6:30 AM	0	0	0	2	0	0	0	2
6:45 AM	0	1	0	1	0	1	1	8
7:00 AM	1	0	0	1	1	4	0	6
7:15 AM	0	0	0	0	0	1	0	3
7:30 AM	0	0	0	1	2	1	1	3
7:45 AM	1	2	0	0	0	2	0	6
8:00 AM	1	0	0	1	3	0	2	2
8:15 AM	1	0	0	0	2	5	2	4
8:30 AM	2	1	0	1	0	0	1	5
8:45 AM	1	1	0	0	0	0	0	2
Totals	***7***	***5***	***0***	***7***	***8***	***14***	***7***	***41***
3:30 PM	0	1	0	0	0	4	0	3
3:45 PM	0	1	0	0	2	3	1	3
4:00 PM	0	1	3	0	2	6	1	2
4:15 PM	0	0	0	0	0	5	0	0
4:30 PM	0	4	0	0	1	3	0	3
4:45 PM	0	1	0	0	2	2	0	0
5:00 PM	0	0	0	0	1	1	0	2
5:15 PM	0	1	0	1	0	1	1	2
5:30 PM	0	0	0	0	0	1	1	1
5:45 PM	0	0	1	0	0	0	0	2
6:00 PM	0	0	0	0	0	2	0	0
6:15 PM	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	1	0	0
6:45 PM	0	0	0	1	0	0	0	0
7:00 PM	0	1	1	1	0	4	0	1
7:15 PM	0	0	0	0	2	1	0	0
Totals	***0***	***10***	***5***	***3***	***10***	***34***	***4***	***19***
Grand Totals	***7***	***15***	***5***	***10***	***18***	***48***	***11***	***60***

TIME	Bikes							
	NL1	NL2	EL1	EL2	ET1	ET2	WT	WTR
6:30 AM	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	1	0	0
8:00 AM	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0
Totals	***0***	***0***	***0***	***0***	***0***	***1***	***0***	***0***
3:30 PM	0	0	0	0	0	0	0	0
3:45 PM	0	1	0	0	0	0	0	0
4:00 PM	0	1	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0
4:45 PM	0	1	0	0	0	0	0	0
5:00 PM	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0
6:00 PM	0	1	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0
Totals	***0***	***4***	***0***	***0***	***0***	***0***	***0***	***0***
Grand Totals	***0***	***4***	***0***	***0***	***0***	***1***	***0***	***0***

TIME	Peds					
	SEB	SWB	ENB	ESB	WNB	WSB
6:30 AM	0	1				
6:45 AM	0	1				
7:00 AM	0	2				
7:15 AM	0	0				
7:30 AM	0	1				
7:45 AM	1	0				
8:00 AM	2	0				
8:15 AM	0	2				
8:30 AM	0	1				
8:45 AM	0	0				
Totals	***3***	***8***	***0***	***0***	***0***	***0***
3:30 PM	0	0				
3:45 PM	0	0				
4:00 PM	0	0				
4:15 PM	0	0				
4:30 PM	0	0				
4:45 PM	0	0				
5:00 PM	0	0				
5:15 PM	0	0				
5:30 PM	0	0				
5:45 PM	0	0				
6:00 PM	0	0				
6:15 PM	0	0				
6:30 PM	0	0				
6:45 PM	0	0				
7:00 PM	0	0				
7:15 PM	0	0				
Totals	***0***	***0***	***0***	***0***	***0***	***0***
Grand Totals	***3***	***8***	***0***	***0***	***0***	***0***

Prepared by National Data & Surveying Services

Lanes Count

Location: Brunswick Rd & Whispering Pines Ln
City: Grass Valley

Date: 8/28/2019
Day: Wednesday

TIME	Cars	
	ST	STR
6:30 AM	37	16
6:45 AM	73	39
7:00 AM	52	21
7:15 AM	53	32
7:30 AM	54	38
7:45 AM	79	42
8:00 AM	72	36
8:15 AM	78	63
8:30 AM	82	41
8:45 AM	90	35
Totals	*670*	*363*
3:30 PM	103	40
3:45 PM	105	48
4:00 PM	105	43
4:15 PM	105	47
4:30 PM	100	43
4:45 PM	126	59
5:00 PM	106	50
5:15 PM	121	39
5:30 PM	117	24
5:45 PM	97	18
6:00 PM	106	14
6:15 PM	94	11
6:30 PM	84	12
6:45 PM	76	27
7:00 PM	46	30
7:15 PM	50	20
Totals	*1541*	*525*
Grand Totals	*2211*	*888*

TIME	HT	
	ST	STR
6:30 AM	0	1
6:45 AM	1	0
7:00 AM	3	1
7:15 AM	2	1
7:30 AM	4	0
7:45 AM	2	0
8:00 AM	5	0
8:15 AM	3	6
8:30 AM	2	2
8:45 AM	0	1
Totals	*22*	*12*
3:30 PM	4	3
3:45 PM	3	1
4:00 PM	9	0
4:15 PM	5	2
4:30 PM	6	1
4:45 PM	4	2
5:00 PM	1	1
5:15 PM	1	0
5:30 PM	2	0
5:45 PM	2	1
6:00 PM	3	1
6:15 PM	0	0
6:30 PM	1	0
6:45 PM	1	1
7:00 PM	3	1
7:15 PM	3	0
Totals	*48*	*14*
Grand Totals	*70*	*26*

TIME	Bikes	
	ST	STR
6:30 AM	0	0
6:45 AM	0	0
7:00 AM	0	0
7:15 AM	0	0
7:30 AM	0	0
7:45 AM	0	0
8:00 AM	0	0
8:15 AM	0	1
8:30 AM	0	0
8:45 AM	0	0
Totals	*0*	*1*
3:30 PM	0	0
3:45 PM	0	0
4:00 PM	0	0
4:15 PM	0	0
4:30 PM	0	0
4:45 PM	0	0
5:00 PM	0	0
5:15 PM	0	0
5:30 PM	0	0
5:45 PM	0	0
6:00 PM	0	0
6:15 PM	0	0
6:30 PM	0	0
6:45 PM	0	0
7:00 PM	0	0
7:15 PM	0	0
Totals	*0*	*0*
Grand Totals	*0*	*1*

TIME	Peds	
	NEB	NWB
6:30 AM	0	0
6:45 AM	0	0
7:00 AM	0	0
7:15 AM	0	0
7:30 AM	0	0
7:45 AM	0	0
8:00 AM	0	0
8:15 AM	0	0
8:30 AM	0	0
8:45 AM	0	0
Totals	*0*	*0*
3:30 PM	0	0
3:45 PM	0	0
4:00 PM	0	0
4:15 PM	0	0
4:30 PM	0	0
4:45 PM	0	0
5:00 PM	0	0
5:15 PM	0	0
5:30 PM	0	0
5:45 PM	0	0
6:00 PM	0	0
6:15 PM	0	0
6:30 PM	0	0
6:45 PM	0	0
7:00 PM	0	0
7:15 PM	0	0
Totals	*0*	*0*
Grand Totals	*0*	*0*

Prepared by National Data & Surveying Services

Lanes Count

Location: Railroad Ave & Idaho Maryland Rd
City: Grass Valley

Date: 9/4/2019
Day: Wednesday

TIME	Cars			
	ET	ETR	WLT	WT
6:30 AM	46	60	22	1
6:45 AM	64	97	29	9
7:00 AM	35	52	37	6
7:15 AM	53	68	25	9
7:30 AM	52	68	35	17
7:45 AM	70	105	44	18
8:00 AM	70	77	57	17
8:15 AM	84	97	43	19
8:30 AM	60	80	66	16
8:45 AM	75	87	44	19
Totals	*609*	*791*	*402*	*131*
3:30 PM	44	64	96	54
3:45 PM	53	59	91	48
4:00 PM	52	70	96	43
4:15 PM	52	44	72	40
4:30 PM	52	45	96	51
4:45 PM	55	50	95	49
5:00 PM	40	50	127	74
5:15 PM	48	50	100	49
5:30 PM	40	26	96	48
5:45 PM	41	34	61	35
6:00 PM	36	25	65	21
6:15 PM	33	27	50	18
6:30 PM	29	20	52	13
6:45 PM	27	19	37	22
7:00 PM	26	11	40	19
7:15 PM	18	12	23	12
Totals	*646*	*606*	*1197*	*596*
Grand Totals	*1255*	*1397*	*1599*	*727*

TIME	HT			
	ET	ETR	WLT	WT
6:30 AM	2	3	7	1
6:45 AM	0	2	6	1
7:00 AM	4	0	3	1
7:15 AM	2	1	3	1
7:30 AM	1	1	8	2
7:45 AM	2	1	12	2
8:00 AM	1	4	3	1
8:15 AM	1	5	5	0
8:30 AM	0	8	8	3
8:45 AM	1	3	5	3
Totals	*14*	*28*	*60*	*15*
3:30 PM	1	3	3	0
3:45 PM	3	4	3	2
4:00 PM	5	2	1	1
4:15 PM	6	5	1	1
4:30 PM	8	2	2	3
4:45 PM	1	6	4	0
5:00 PM	10	4	0	0
5:15 PM	7	5	0	0
5:30 PM	2	6	2	1
5:45 PM	0	0	3	0
6:00 PM	1	2	1	1
6:15 PM	0	1	0	0
6:30 PM	2	3	0	0
6:45 PM	0	0	0	0
7:00 PM	0	2	1	0
7:15 PM	0	1	0	0
Totals	*46*	*46*	*21*	*9*
Grand Totals	*60*	*74*	*81*	*24*

TIME	Bikes			
	ET	ETR	WLT	WT
6:30 AM	0	0	0	0
6:45 AM	0	0	0	0
7:00 AM	0	0	0	0
7:15 AM	0	0	0	0
7:30 AM	0	0	0	0
7:45 AM	0	0	0	0
8:00 AM	0	0	0	0
8:15 AM	0	0	0	0
8:30 AM	0	0	0	0
8:45 AM	0	0	0	1
Totals	*0*	*0*	*0*	*1*
3:30 PM	0	0	0	1
3:45 PM	0	1	0	0
4:00 PM	0	0	0	0
4:15 PM	0	0	0	1
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	2
5:15 PM	0	0	0	0
5:30 PM	0	0	0	1
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	1
6:30 PM	0	0	0	1
6:45 PM	0	0	0	0
7:00 PM	0	0	0	2
7:15 PM	0	0	0	1
Totals	*0*	*1*	*0*	*10*
Grand Totals	*0*	*1*	*0*	*11*

TIME	Peds			
	NEB	NWB	ENB	ESB
6:30 AM	0	0	0	0
6:45 AM	0	0	0	0
7:00 AM	0	0	0	0
7:15 AM	0	0	0	0
7:30 AM	0	0	0	0
7:45 AM	0	0	0	0
8:00 AM	0	0	0	0
8:15 AM	0	0	0	0
8:30 AM	0	0	0	0
8:45 AM	0	0	0	0
Totals	*0*	*0*	*0*	*0*
3:30 PM	0	0	0	0
3:45 PM	0	0	0	0
4:00 PM	0	0	0	0
4:15 PM	0	0	0	0
4:30 PM	0	0	0	0
4:45 PM	0	0	0	0
5:00 PM	0	0	0	0
5:15 PM	0	0	0	0
5:30 PM	0	0	0	0
5:45 PM	0	0	0	0
6:00 PM	0	0	0	0
6:15 PM	0	0	0	0
6:30 PM	0	0	0	0
6:45 PM	0	0	0	0
7:00 PM	0	0	0	0
7:15 PM	0	0	0	0
Totals	*0*	*0*	*0*	*0*
Grand Totals	*0*	*0*	*0*	*0*

TECHNICAL LOS APPENDIX II

FOR

IDAHO-MARYLAND MINE PROJECT
TRAFFIC IMPACT ANALYSIS

Nevada County, CA

CLASS AND VOLUME ADT's

Prepared For:

Rise Grass Valley Inc.

Prepared By:

KD Anderson & Associates, Inc.
3853 Taylor Road, Suite G
Loomis, CA 95650
(916) 660-1555

April 26, 2022

CLASS AND VOLUME ADT's

DAILY VEHICLE CLASSIFICATION COUNTS

OVERALL DAILY VOLUME COUNTS

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Brunswick Rd Bet. Project Dwy & E Bennett Rd

Day: Wednesday
Date: 9/4/2019

City: Grass Valley
Project #: CA19_7288_001

DAILY TOTALS	NB	SB	EB	WB	Total
	4,669	4,783	0	0	9,452

AM Period	NB		SB		EB	WB	TOTAL		PM Period	NB		SB		EB	WB	TOTAL	
00:00	3		2		0	0	5		**12:00**	95		69		0	0	164	
00:15	2		4		0	0	6		**12:15**	68		97		0	0	165	
00:30	0		4		0	0	4		**12:30**	95		91		0	0	186	
00:45	1	6	0	10	0	0	1	16	**12:45**	85	343	99	356	0	0	184	699
01:00	2		3		0	0	5		**13:00**	83		84		0	0	167	
01:15	2		2		0	0	4		**13:15**	72		74		0	0	146	
01:30	1		3		0	0	4		**13:30**	62		87		0	0	149	
01:45	1	6	3	11	0	0	4	17	**13:45**	86	303	94	339	0	0	180	642
02:00	2		3		0	0	5		**14:00**	89		93		0	0	182	
02:15	2		2		0	0	4		**14:15**	71		92		0	0	163	
02:30	0		2		0	0	2		**14:30**	64		98		0	0	162	
02:45	2	6	2	9	0	0	4	15	**14:45**	78	302	101	384	0	0	179	686
03:00	1		0		0	0	1		**15:00**	77		100		0	0	177	
03:15	2		0		0	0	2		**15:15**	105		102		0	0	207	
03:30	2		2		0	0	4		**15:30**	90		121		0	0	211	
03:45	5	10	0	2	0	0	5	12	**15:45**	85	357	123	446	0	0	208	803
04:00	0		1		0	0	1		**16:00**	83		103		0	0	186	
04:15	6		1		0	0	7		**16:15**	84		92		0	0	176	
04:30	8		1		0	0	9		**16:30**	71		125		0	0	196	
04:45	8	22	2	5	0	0	10	27	**16:45**	84	322	132	452	0	0	216	774
05:00	13		10		0	0	23		**17:00**	78		149		0	0	227	
05:15	7		18		0	0	25		**17:15**	78		121		0	0	199	
05:30	23		16		0	0	39		**17:30**	72		91		0	0	163	
05:45	35	78	34	78	0	0	69	156	**17:45**	85	313	82	443	0	0	167	756
06:00	29		11		0	0	40		**18:00**	64		96		0	0	160	
06:15	42		21		0	0	63		**18:15**	50		82		0	0	132	
06:30	60		24		0	0	84		**18:30**	58		80		0	0	138	
06:45	88	219	25	81	0	0	113	300	**18:45**	36	208	72	330	0	0	108	538
07:00	65		39		0	0	104		**19:00**	31		69		0	0	100	
07:15	102		49		0	0	151		**19:15**	26		56		0	0	82	
07:30	122		51		0	0	173		**19:30**	39		52		0	0	91	
07:45	141	430	44	183	0	0	185	613	**19:45**	18	114	37	214	0	0	55	328
08:00	108		62		0	0	170		**20:00**	33		50		0	0	83	
08:15	126		82		0	0	208		**20:15**	25		45		0	0	70	
08:30	114		60		0	0	174		**20:30**	19		33		0	0	52	
08:45	113	461	64	268	0	0	177	729	**20:45**	19	96	26	154	0	0	45	250
09:00	86		60		0	0	146		**21:00**	11		31		0	0	42	
09:15	70		82		0	0	152		**21:15**	14		22		0	0	36	
09:30	89		65		0	0	154		**21:30**	7		21		0	0	28	
09:45	84	329	69	276	0	0	153	605	**21:45**	9	41	17	91	0	0	26	132
10:00	88		60		0	0	148		**22:00**	9		20		0	0	29	
10:15	82		56		0	0	138		**22:15**	10		19		0	0	29	
10:30	82		54		0	0	136		**22:30**	10		12		0	0	22	
10:45	82	334	66	236	0	0	148	570	**22:45**	7	36	7	58	0	0	14	94
11:00	82		92		0	0	174		**23:00**	4		6		0	0	10	
11:15	81		80		0	0	161		**23:15**	5		5		0	0	10	
11:30	71		79		0	0	150		**23:30**	1		7		0	0	8	
11:45	88	322	84	335	0	0	172	657	**23:45**	1	11	4	22	0	0	5	33
TOTALS		2223		1494				**3717**	**TOTALS**		2446		3289				**5735**
SPLIT %		59.8%		40.2%				**39.3%**	**SPLIT %**		42.7%		57.3%				**60.7%**

DAILY TOTALS	NB	SB	EB	WB	Total
	4,669	4,783	0	0	9,452

AM Peak Hour	07:30		11:45					**07:45**	**PM Peak Hour**	15:15		16:30					**16:30**
AM Pk Volume	497		341					**737**	**PM Pk Volume**	363		527					**838**
Pk Hr Factor	0.881		0.879					**0.886**	**Pk Hr Factor**	0.864		0.884					**0.923**
7 - 9 Volume	891		451		0		0	**1342**	**4 - 6 Volume**	635		895		0		0	**1530**
7 - 9 Peak Hour	07:30		08:00					**07:45**	**4 - 6 Peak Hour**	16:00		16:30					**16:30**
7 - 9 Pk Volume	497		268		0		0	**737**	**4 - 6 Pk Volume**	322		527		0		0	**838**
Pk Hr Factor	0.881		0.817		0.000		0.000	**0.886**	**Pk Hr Factor**	0.958		0.884		0.000		0.000	**0.923**

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Project Dwy & E Bennett Rd

Day: Wednesday
Date: 9/4/2019

City: Grass Valley
Project #: CA19_7288_001n

North Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	5	1	0	0	0	0	0	0	0	0	0	0	6
01:00	0	6	0	0	0	0	0	0	0	0	0	0	0	6
02:00	0	6	0	0	0	0	0	0	0	0	0	0	0	6
03:00	0	7	2	0	1	0	0	0	0	0	0	0	0	10
04:00	1	13	6	0	2	0	0	0	0	0	0	0	0	22
05:00	0	41	30	0	7	0	0	0	0	0	0	0	0	78
06:00	3	123	64	0	29	0	0	0	0	0	0	0	0	219
07:00	3	287	98	2	35	1	0	2	0	0	2	0	0	430
08:00	4	321	103	2	27	0	0	3	1	0	0	0	0	461
09:00	0	233	73	2	18	1	0	0	0	0	2	0	0	329
10:00	2	221	84	2	17	5	0	2	0	0	1	0	0	334
11:00	5	215	79	0	19	2	0	0	2	0	0	0	0	322
12:00 PM	3	242	79	1	14	0	0	2	0	0	2	0	0	343
13:00	1	201	76	3	20	1	0	0	0	0	1	0	0	303
14:00	2	200	75	3	17	4	0	1	0	0	0	0	0	302
15:00	1	252	78	2	20	1	0	0	2	0	1	0	0	357
16:00	3	223	72	0	20	2	0	1	0	0	1	0	0	322
17:00	6	220	68	0	18	1	0	0	0	0	0	0	0	313
18:00	1	143	47	0	14	0	0	1	1	0	1	0	0	208
19:00	1	74	31	0	6	1	0	0	1	0	0	0	0	114
20:00	2	69	21	0	3	0	0	1	0	0	0	0	0	96
21:00	1	28	8	0	3	0	0	1	0	0	0	0	0	41
22:00	0	29	6	0	1	0	0	0	0	0	0	0	0	36
23:00	0	7	4	0	0	0	0	0	0	0	0	0	0	11
Totals	**39**	**3166**	**1105**	**17**	**291**	**19**		**14**	**7**		**11**			**4669**
% of Totals	1%	68%	24%	0%	6%	0%		0%	0%		0%			100%

AM Volumes	18	1478	540	8	155	9	0	7	3	0	5	0	0	2223
% AM	0%	32%	12%	0%	3%	0%		0%	0%		0%			48%
AM Peak Hour	11:00	08:00	08:00	07:00	07:00	10:00		08:00	11:00		07:00			08:00
Volume	5	321	103	2	35	5		3	2		2			461
PM Volumes	21	1688	565	9	136	10	0	7	4	0	6	0	0	2446
% PM	0%	36%	12%	0%	3%	0%		0%	0%		0%			52%
PM Peak Hour	17:00	15:00	12:00	13:00	13:00	14:00		12:00	15:00		12:00			15:00
Volume	6	252	79	3	20	4		2	2		2			357

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	891		19%	646		14%	635		14%	2497		53%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Project Dwy & E Bennett Rd

Day: Wednesday
Date: 9/4/2019

City: Grass Valley
Project #: CA19_7288_001s

South Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	10	0	0	0	0	0	0	0	0	0	0	0	10
01:00	0	9	2	0	0	0	0	0	0	0	0	0	0	11
02:00	0	7	1	0	1	0	0	0	0	0	0	0	0	9
03:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
04:00	1	3	0	0	0	0	0	0	1	0	0	0	0	5
05:00	0	27	37	0	10	3	0	0	0	0	1	0	0	78
06:00	0	44	30	1	2	1	0	0	1	0	2	0	0	81
07:00	1	126	41	3	5	3	0	2	2	0	0	0	0	183
08:00	1	199	55	0	10	0	0	1	1	0	1	0	0	268
09:00	0	178	87	0	7	1	0	1	1	0	1	0	0	276
10:00	3	167	50	3	10	0	0	1	0	0	2	0	0	236
11:00	0	233	84	2	8	4	0	1	1	0	2	0	0	335
12:00 PM	3	250	87	1	9	3	1	0	1	0	1	0	0	356
13:00	2	230	88	0	13	3	0	1	1	0	1	0	0	339
14:00	0	279	86	1	16	1	0	1	0	0	0	0	0	384
15:00	5	319	104	0	15	2	0	1	0	0	0	0	0	446
16:00	2	320	112	0	17	1	0	0	0	0	0	0	0	452
17:00	4	338	90	0	10	0	0	1	0	0	0	0	0	443
18:00	2	252	67	0	8	1	0	0	0	0	0	0	0	330
19:00	2	168	39	0	3	1	0	1	0	0	0	0	0	214
20:00	0	125	25	0	3	1	0	0	0	0	0	0	0	154
21:00	0	69	21	0	0	1	0	0	0	0	0	0	0	91
22:00	0	44	10	0	2	0	0	1	1	0	0	0	0	58
23:00	0	20	2	0	0	0	0	0	0	0	0	0	0	22
Totals	**26**	**3418**	**1119**	**11**	**149**	**26**	**1**	**12**	**10**		**11**			**4783**
% of Totals	1%	71%	23%	0%	3%	1%	0%	0%	0%		0%			100%

AM Volumes	6	1004	388	9	53	12	0	6	7	0	9	0	0	1494
% AM	0%	21%	8%	0%	1%	0%		0%	0%		0%			31%
AM Peak Hour	10:00	11:00	09:00	07:00	05:00	11:00		07:00	07:00		06:00			11:00
Volume	3	233	87	3	10	4		2	2		2			335
PM Volumes	20	2414	731	2	96	14	1	6	3	0	2	0	0	3289
% PM	0%	50%	15%	0%	2%	0%	0%	0%	0%		0%			69%
PM Peak Hour	15:00	17:00	16:00	12:00	16:00	12:00	12:00	13:00	12:00		12:00			16:00
Volume	5	338	112	1	17	3	1	1	1		1			452

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	451		9%	695		15%	895		19%	2742		57%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Project Dwy & E Bennett Rd

Day: Wednesday
Date: 9/4/2019

City: Grass Valley
Project #: CA19_7288_001

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	15	1	0	0	0	0	0	0	0	0	0	0	16
01:00	0	15	2	0	0	0	0	0	0	0	0	0	0	17
02:00	0	13	1	0	1	0	0	0	0	0	0	0	0	15
03:00	0	8	3	0	1	0	0	0	0	0	0	0	0	12
04:00	2	16	6	0	2	0	0	0	1	0	0	0	0	27
05:00	0	68	67	0	17	3	0	0	0	0	1	0	0	156
06:00	3	167	94	1	31	1	0	0	1	0	2	0	0	300
07:00	4	413	139	5	40	4	0	4	2	0	2	0	0	613
08:00	5	520	158	2	37	0	0	4	2	0	1	0	0	729
09:00	0	411	160	2	25	2	0	1	1	0	3	0	0	605
10:00	5	388	134	5	27	5	0	3	0	0	3	0	0	570
11:00	5	448	163	2	27	6	0	1	3	0	2	0	0	657
12:00 PM	6	492	166	2	23	3	1	2	1	0	3	0	0	699
13:00	3	431	164	3	33	4	0	1	1	0	2	0	0	642
14:00	2	479	161	4	33	5	0	2	0	0	0	0	0	686
15:00	6	571	182	2	35	3	0	1	2	0	1	0	0	803
16:00	5	543	184	0	37	3	0	1	0	0	1	0	0	774
17:00	10	558	158	0	28	1	0	1	0	0	0	0	0	756
18:00	3	395	114	0	22	1	0	1	1	0	1	0	0	538
19:00	3	242	70	0	9	2	0	1	1	0	0	0	0	328
20:00	2	194	46	0	6	1	0	1	0	0	0	0	0	250
21:00	1	97	29	0	3	1	0	1	0	0	0	0	0	132
22:00	0	73	16	0	3	0	0	1	1	0	0	0	0	94
23:00	0	27	6	0	0	0	0	0	0	0	0	0	0	33
Totals	65	6584	2224	28	440	45	1	26	17		22			9452
% of Totals	1%	70%	24%	0%	5%	0%	0%	0%	0%		0%			100%
AM Volumes	24	2482	928	17	208	21	0	13	10	0	14	0	0	3717
% AM	0%	26%	10%	0%	2%	0%		0%	0%		0%			39%
AM Peak Hour	08:00	08:00	11:00	07:00	07:00	11:00		07:00	11:00		09:00			08:00
Volume	5	520	163	5	40	6		4	3		3			729
PM Volumes	41	4102	1296	11	232	24	1	13	7	0	8	0	0	5735
% PM	0%	43%	14%	0%	2%	0%	0%	0%	0%		0%			61%
PM Peak Hour	17:00	15:00	16:00	14:00	16:00	14:00	12:00	12:00	15:00		12:00			15:00
Volume	10	571	184	4	37	5	1	2	2		3			803

Directional Peak Periods All Classes	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
	Volume	%	Volume	%	Volume	%	Volume	%
	1342	14%	1341	14%	1530	16%	5239	55%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Brunswick Rd Bet. Project Dwy & E Bennett Rd

Day: Thursday
Date: 9/5/2019

City: Grass Valley
Project #: CA19_7288_001

DAILY TOTALS	NB	SB	EB	WB	Total
	4,872	4,901	0	0	9,773

AM Period	NB		SB		EB	WB	TOTAL		PM Period	NB		SB		EB	WB	TOTAL	
00:00	4		4		0	0	8		**12:00**	78		69		0	0	147	
00:15	1		5		0	0	6		**12:15**	64		91		0	0	155	
00:30	1		2		0	0	3		**12:30**	82		90		0	0	172	
00:45	2	8	2	13	0	0	4	21	**12:45**	53	277	78	328	0	0	131	605
01:00	1		2		0	0	3		**13:00**	84		92		0	0	176	
01:15	3		2		0	0	5		**13:15**	81		70		0	0	151	
01:30	1		2		0	0	3		**13:30**	78		90		0	0	168	
01:45	0	5	1	7	0	0	1	12	**13:45**	75	318	85	337	0	0	160	655
02:00	1		4		0	0	5		**14:00**	77		90		0	0	167	
02:15	1		1		0	0	2		**14:15**	87		95		0	0	182	
02:30	0		2		0	0	2		**14:30**	97		102		0	0	199	
02:45	2	4	1	8	0	0	3	12	**14:45**	100	361	116	403	0	0	216	764
03:00	1		2		0	0	3		**15:00**	95		98		0	0	193	
03:15	2		1		0	0	3		**15:15**	107		104		0	0	211	
03:30	2		1		0	0	3		**15:30**	78		120		0	0	198	
03:45	2	7	0	4	0	0	2	11	**15:45**	116	396	131	453	0	0	247	849
04:00	3		2		0	0	5		**16:00**	91		123		0	0	214	
04:15	2		0		0	0	2		**16:15**	103		119		0	0	222	
04:30	10		3		0	0	13		**16:30**	66		157		0	0	223	
04:45	12	27	2	7	0	0	14	34	**16:45**	107	367	150	549	0	0	257	916
05:00	7		6		0	0	13		**17:00**	88		165		0	0	253	
05:15	13		11		0	0	24		**17:15**	93		142		0	0	235	
05:30	20		16		0	0	36		**17:30**	65		119		0	0	184	
05:45	34	74	29	62	0	0	63	136	**17:45**	68	314	102	528	0	0	170	842
06:00	25		10		0	0	35		**18:00**	57		82		0	0	139	
06:15	39		24		0	0	63		**18:15**	52		64		0	0	116	
06:30	47		26		0	0	73		**18:30**	42		61		0	0	103	
06:45	80	191	20	80	0	0	100	271	**18:45**	59	210	64	271	0	0	123	481
07:00	67		39		0	0	106		**19:00**	31		81		0	0	112	
07:15	85		37		0	0	122		**19:15**	26		66		0	0	92	
07:30	150		54		0	0	204		**19:30**	41		36		0	0	77	
07:45	165	467	47	177	0	0	212	644	**19:45**	28	126	41	224	0	0	69	350
08:00	137		71		0	0	208		**20:00**	34		41		0	0	75	
08:15	122		72		0	0	194		**20:15**	36		58		0	0	94	
08:30	120		79		0	0	199		**20:30**	28		50		0	0	78	
08:45	123	502	67	289	0	0	190	791	**20:45**	13	111	29	178	0	0	42	289
09:00	87		54		0	0	141		**21:00**	19		29		0	0	48	
09:15	85		74		0	0	159		**21:15**	25		23		0	0	48	
09:30	83		76		0	0	159		**21:30**	16		24		0	0	40	
09:45	79	334	71	275	0	0	150	609	**21:45**	25	85	22	98	0	0	47	183
10:00	79		54		0	0	133		**22:00**	3		14		0	0	17	
10:15	71		57		0	0	128		**22:15**	10		12		0	0	22	
10:30	85		66		0	0	151		**22:30**	8		15		0	0	23	
10:45	80	315	48	225	0	0	128	540	**22:45**	12	33	12	53	0	0	24	86
11:00	66		75		0	0	141		**23:00**	7		5		0	0	12	
11:15	94		75		0	0	169		**23:15**	5		8		0	0	13	
11:30	79		82		0	0	161		**23:30**	5		7		0	0	12	
11:45	84	323	75	307	0	0	159	630	**23:45**	0	17	5	25	0	0	5	42
TOTALS		2257		1454				**3711**	**TOTALS**		2615		3447				**6062**
SPLIT %		60.8%		39.2%				**38.0%**	**SPLIT %**		43.1%		56.9%				**62.0%**

DAILY TOTALS	NB	SB	EB	WB	Total
	4,872	4,901	0	0	9,773

AM Peak Hour	07:30		11:45					**07:30**	**PM Peak Hour**	14:30		16:30					**16:30**
AM Pk Volume	574		325					**818**	**PM Pk Volume**	399		614					**968**
Pk Hr Factor	0.870		0.893					**0.965**	**Pk Hr Factor**	0.932		0.930					**0.942**
7 - 9 Volume	969		466		0	0		**1435**	**4 - 6 Volume**	681		1077		0	0		**1758**
7 - 9 Peak Hour	07:30		08:00					**07:30**	**4 - 6 Peak Hour**	16:00		16:30					**16:30**
7 - 9 Pk Volume	574		289		0	0		**818**	**4 - 6 Pk Volume**	367		614		0	0		**968**
Pk Hr Factor	0.870		0.915		0.000	0.000		**0.965**	**Pk Hr Factor**	0.857		0.930		0.000	0.000		**0.942**

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Project Dwy & E Bennett Rd

Day: Thursday
Date: 9/5/2019

City: Grass Valley
Project #: CA19_7288_001n

North Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	8	0	0	0	0	0	0	0	0	0	0	0	8
01:00	0	5	0	0	0	0	0	0	0	0	0	0	0	5
02:00	0	3	0	0	1	0	0	0	0	0	0	0	0	4
03:00	0	3	4	0	0	0	0	0	0	0	0	0	0	7
04:00	0	19	7	0	1	0	0	0	0	0	0	0	0	27
05:00	0	46	24	0	4	0	0	0	0	0	0	0	0	74
06:00	1	105	61	2	20	2	0	0	0	0	0	0	0	191
07:00	3	313	110	2	32	1	0	2	0	0	4	0	0	467
08:00	4	361	112	1	23	1	0	0	0	0	0	0	0	502
09:00	0	238	75	1	17	1	0	0	0	0	2	0	0	334
10:00	2	230	64	1	14	1	0	2	0	0	1	0	0	315
11:00	1	215	85	0	19	2	0	1	0	0	0	0	0	323
12:00 PM	2	189	70	3	11	0	0	1	0	0	1	0	0	277
13:00	7	222	66	1	14	3	0	4	0	0	1	0	0	318
14:00	1	232	87	1	35	0	0	4	0	0	1	0	0	361
15:00	1	250	106	2	33	1	0	2	1	0	0	0	0	396
16:00	3	255	77	3	28	1	0	0	0	0	0	0	0	367
17:00	4	218	78	1	13	0	0	0	0	0	0	0	0	314
18:00	3	151	42	0	12	0	0	2	0	0	0	0	0	210
19:00	1	91	25	1	8	0	0	0	0	0	0	0	0	126
20:00	0	80	25	0	6	0	0	0	0	0	0	0	0	111
21:00	1	73	11	0	0	0	0	0	0	0	0	0	0	85
22:00	0	29	4	0	0	0	0	0	0	0	0	0	0	33
23:00	0	10	7	0	0	0	0	0	0	0	0	0	0	17
Totals	**34**	**3346**	**1140**	**19**	**291**	**13**		**18**	**1**		**10**			**4872**
% of Totals	1%	69%	23%	0%	6%	0%		0%	0%		0%			100%

AM Volumes	11	1546	542	7	131	8	0	5	0	0	7	0	0	2257
% AM	0%	32%	11%	0%	3%	0%		0%			0%			46%
AM Peak Hour	08:00	08:00	08:00	06:00	07:00	06:00		07:00			07:00			08:00
Volume	4	361	112	2	32	2		2			4			502
PM Volumes	23	1800	598	12	160	5	0	13	1	0	3	0	0	2615
% PM	0%	37%	12%	0%	3%	0%		0%	0%		0%			54%
PM Peak Hour	13:00	16:00	15:00	12:00	14:00	13:00		13:00	15:00		12:00			15:00
Volume	7	255	106	3	35	3		4	1		1			396

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	969		20%	595		12%	681		14%	2627		54%

Classification Definitions

1	Motorcycles	**4**	Buses	**7**	> =4-Axle Single Units	**10**	>=6-Axle Single Trailers	**13**	>=7-Axle Multi-Trailers
2	Passenger Cars	**5**	2-Axle, 6-Tire Single Units	**8**	<=4-Axle Single Trailers	**11**	<=5-Axle Multi-Trailers		
3	2-Axle, 4-Tire Single Units	**6**	3-Axle Single Units	**9**	5-Axle Single Trailers	**12**	6-Axle Multi-Trailers		

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Project Dwy & E Bennett Rd

Day: Thursday
Date: 9/5/2019

City: Grass Valley
Project #: CA19_7288_001s

South Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	11	2	0	0	0	0	0	0	0	0	0	0	13
01:00	0	6	0	0	1	0	0	0	0	0	0	0	0	7
02:00	0	6	2	0	0	0	0	0	0	0	0	0	0	8
03:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
04:00	1	4	1	0	1	0	0	0	0	0	0	0	0	7
05:00	0	20	33	1	8	0	0	0	0	0	0	0	0	62
06:00	0	44	23	0	6	2	0	0	0	0	5	0	0	80
07:00	0	108	58	2	6	1	0	0	2	0	0	0	0	177
08:00	2	215	63	1	7	0	0	1	0	0	0	0	0	289
09:00	0	200	61	1	9	0	0	1	1	0	2	0	0	275
10:00	5	161	51	0	7	0	0	0	1	0	0	0	0	225
11:00	1	218	78	0	7	1	0	0	0	0	2	0	0	307
12:00 PM	3	236	73	2	12	2	0	0	0	0	0	0	0	328
13:00	3	232	81	1	19	0	0	0	0	0	1	0	0	337
14:00	4	279	96	2	18	1	0	2	1	0	0	0	0	403
15:00	2	328	103	1	17	2	0	0	0	0	0	0	0	453
16:00	5	382	148	3	7	1	0	0	3	0	0	0	0	549
17:00	5	398	116	1	8	0	0	0	0	0	0	0	0	528
18:00	1	220	48	0	2	0	0	0	0	0	0	0	0	271
19:00	2	176	39	0	7	0	0	0	0	0	0	0	0	224
20:00	2	146	29	0	0	0	0	1	0	0	0	0	0	178
21:00	0	83	14	1	0	0	0	0	0	0	0	0	0	98
22:00	0	43	8	0	1	0	0	0	1	0	0	0	0	53
23:00	0	24	1	0	0	0	0	0	0	0	0	0	0	25
Totals	**36**	**3543**	**1129**	**16**	**143**	**10**		**5**	**9**		**10**			**4901**
% of Totals	1%	72%	23%	0%	3%	0%		0%	0%		0%			100%

AM Volumes	9	996	373	5	52	4	0	2	4	0	9	0	0	1454
% AM	0%	20%	8%	0%	1%	0%		0%	0%		0%			30%
AM Peak Hour	10:00	11:00	11:00	07:00	09:00	06:00		08:00	07:00		06:00			11:00
Volume	5	218	78	2	9	2		1	2		5			307
PM Volumes	27	2547	756	11	91	6	0	3	5	0	1	0	0	3447
% PM	1%	52%	15%	0%	2%	0%		0%	0%		0%			70%
PM Peak Hour	16:00	17:00	16:00	16:00	13:00	12:00		14:00	16:00		13:00			16:00
Volume	5	398	148	3	19	2		2	3		1			549

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	466		10%	665		14%	1077		22%	2693		55%

Classification Definitions

1	Motorcycles	**4**	Buses	**7**	> =4-Axle Single Units	**10**	>=6-Axle Single Trailers	**13**	>=7-Axle Multi-Trailers
2	Passenger Cars	**5**	2-Axle, 6-Tire Single Units	**8**	<=4-Axle Single Trailers	**11**	<=5-Axle Multi-Trailers		
3	2-Axle, 4-Tire Single Units	**6**	3-Axle Single Units	**9**	5-Axle Single Trailers	**12**	6-Axle Multi-Trailers		

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Project Dwy & E Bennett Rd

Day: Thursday
Date: 9/5/2019

City: Grass Valley
Project #: CA19_7288_001

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	19	2	0	0	0	0	0	0	0	0	0	0	21
01:00	0	11	0	0	1	0	0	0	0	0	0	0	0	12
02:00	0	9	2	0	1	0	0	0	0	0	0	0	0	12
03:00	0	6	5	0	0	0	0	0	0	0	0	0	0	11
04:00	1	23	8	0	2	0	0	0	0	0	0	0	0	34
05:00	0	66	57	1	12	0	0	0	0	0	0	0	0	136
06:00	1	149	84	2	26	4	0	0	0	0	5	0	0	271
07:00	3	421	168	4	38	2	0	2	2	0	4	0	0	644
08:00	6	576	175	2	30	1	0	1	0	0	0	0	0	791
09:00	0	438	136	2	26	1	0	1	1	0	4	0	0	609
10:00	7	391	115	1	21	1	0	2	1	0	1	0	0	540
11:00	2	433	163	0	26	3	0	1	0	0	2	0	0	630
12:00 PM	5	425	143	5	23	2	0	1	0	0	1	0	0	605
13:00	10	454	147	2	33	3	0	4	0	0	2	0	0	655
14:00	5	511	183	3	53	1	0	6	1	0	1	0	0	764
15:00	3	578	209	3	50	3	0	2	1	0	0	0	0	849
16:00	8	637	225	6	35	2	0	0	3	0	0	0	0	916
17:00	9	616	194	2	21	0	0	0	0	0	0	0	0	842
18:00	4	371	90	0	14	0	0	2	0	0	0	0	0	481
19:00	3	267	64	1	15	0	0	0	0	0	0	0	0	350
20:00	2	226	54	0	6	0	0	1	0	0	0	0	0	289
21:00	1	156	25	1	0	0	0	0	0	0	0	0	0	183
22:00	0	72	12	0	1	0	0	0	1	0	0	0	0	86
23:00	0	34	8	0	0	0	0	0	0	0	0	0	0	42
Totals	**70**	**6889**	**2269**	**35**	**434**	**23**		**23**	**10**		**20**			**9773**
% of Totals	1%	70%	23%	0%	4%	0%		0%	0%		0%			100%

AM Volumes	20	2542	915	12	183	12	0	7	4	0	16	0	0	3711
% AM	0%	26%	9%	0%	2%	0%		0%	0%		0%			38%
AM Peak Hour	10:00	08:00	08:00	07:00	07:00	06:00		07:00	07:00		06:00			08:00
Volume	7	576	175	4	38	4		2	2		5			791
PM Volumes	50	4347	1354	23	251	11	0	16	6	0	4	0	0	6062
% PM	1%	44%	14%	0%	3%	0%		0%	0%		0%			62%
PM Peak Hour	13:00	16:00	16:00	16:00	14:00	13:00		14:00	16:00		13:00			16:00
Volume	10	637	225	6	53	3		6	3		2			916

Directional Peak Periods	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	1435	15%	1260	13%	1758	18%	5320	54%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Brunswick Rd Bet. Project Dwy & E Bennett Rd

Day: Friday
Date: 9/6/2019

City: Grass Valley
Project #: CA19_7288_001

DAILY TOTALS	NB	SB	EB	WB	Total
	4,802	4,746	0	0	9,548

AM Period	NB		SB		EB	WB	TOTAL		PM Period	NB		SB		EB	WB	TOTAL	
00:00	0		6		0	0	6		**12:00**	87		83		0	0	170	
00:15	3		3		0	0	6		**12:15**	114		102		0	0	216	
00:30	2		3		0	0	5		**12:30**	86		91		0	0	177	
00:45	3	8	3	15	0	0	6	23	**12:45**	103	390	85	361	0	0	188	751
01:00	1		4		0	0	5		**13:00**	79		92		0	0	171	
01:15	3		0		0	0	3		**13:15**	83		88		0	0	171	
01:30	2		1		0	0	3		**13:30**	91		98		0	0	189	
01:45	1	7	0	5	0	0	1	12	**13:45**	79	332	91	369	0	0	170	701
02:00	1		1		0	0	2		**14:00**	86		91		0	0	177	
02:15	2		1		0	0	3		**14:15**	99		88		0	0	187	
02:30	0		1		0	0	1		**14:30**	99		109		0	0	208	
02:45	2	5	2	5	0	0	4	10	**14:45**	82	366	100	388	0	0	182	754
03:00	1		1		0	0	2		**15:00**	70		113		0	0	183	
03:15	1		2		0	0	3		**15:15**	97		121		0	0	218	
03:30	2		2		0	0	4		**15:30**	107		114		0	0	221	
03:45	1	5	1	6	0	0	2	11	**15:45**	82	356	113	461	0	0	195	817
04:00	4		0		0	0	4		**16:00**	91		119		0	0	210	
04:15	2		1		0	0	3		**16:15**	87		116		0	0	203	
04:30	6		2		0	0	8		**16:30**	99		125		0	0	224	
04:45	19	31	1	4	0	0	20	35	**16:45**	81	358	112	472	0	0	193	830
05:00	13		6		0	0	19		**17:00**	81		131		0	0	212	
05:15	10		11		0	0	21		**17:15**	77		119		0	0	196	
05:30	18		14		0	0	32		**17:30**	71		113		0	0	184	
05:45	26	67	28	59	0	0	54	126	**17:45**	74	303	82	445	0	0	156	748
06:00	21		9		0	0	30		**18:00**	56		83		0	0	139	
06:15	34		20		0	0	54		**18:15**	64		82		0	0	146	
06:30	59		22		0	0	81		**18:30**	52		62		0	0	114	
06:45	72	186	24	75	0	0	96	261	**18:45**	47	219	61	288	0	0	108	507
07:00	67		37		0	0	104		**19:00**	42		51		0	0	93	
07:15	92		31		0	0	123		**19:15**	34		42		0	0	76	
07:30	113		51		0	0	164		**19:30**	33		47		0	0	80	
07:45	129	401	52	171	0	0	181	572	**19:45**	33	142	47	187	0	0	80	329
08:00	109		66		0	0	175		**20:00**	32		43		0	0	75	
08:15	92		77		0	0	169		**20:15**	25		58		0	0	83	
08:30	116		59		0	0	175		**20:30**	23		32		0	0	55	
08:45	138	455	78	280	0	0	216	735	**20:45**	17	97	38	171	0	0	55	268
09:00	85		55		0	0	140		**21:00**	12		25		0	0	37	
09:15	82		65		0	0	147		**21:15**	16		19		0	0	35	
09:30	67		59		0	0	126		**21:30**	8		21		0	0	29	
09:45	86	320	72	251	0	0	158	571	**21:45**	16	52	18	83	0	0	34	135
10:00	88		52		0	0	140		**22:00**	17		16		0	0	33	
10:15	65		66		0	0	131		**22:15**	13		18		0	0	31	
10:30	56		54		0	0	110		**22:30**	12		19		0	0	31	
10:45	109	318	68	240	0	0	177	558	**22:45**	12	54	14	67	0	0	26	121
11:00	68		71		0	0	139		**23:00**	8		10		0	0	18	
11:15	70		79		0	0	149		**23:15**	9		14		0	0	23	
11:30	85		73		0	0	158		**23:30**	11		12		0	0	23	
11:45	77	300	73	296	0	0	150	596	**23:45**	2	30	11	47	0	0	13	77
TOTALS		2103		1407				**3510**	**TOTALS**		2699		3339				**6038**
SPLIT %		59.9%		40.1%				**36.8%**	**SPLIT %**		44.7%		55.3%				**63.2%**

DAILY TOTALS	NB	SB	EB	WB	Total
	4,802	4,746	0	0	9,548

AM Peak Hour	08:00	11:45					**08:00**		**PM Peak Hour**	12:00	16:30					**15:15**	
AM Pk Volume	455	349					**735**		**PM Pk Volume**	390	487					**844**	
Pk Hr Factor	0.824	0.855					**0.851**		**Pk Hr Factor**	0.855	0.929					**0.955**	
7 - 9 Volume	856	451	0	0			**1307**		**4 - 6 Volume**	661	917	0	0			**1578**	
7 - 9 Peak Hour	08:00	08:00					**08:00**		**4 - 6 Peak Hour**	16:00	16:30					**16:15**	
7 - 9 Pk Volume	455	280	0	0			**735**		**4 - 6 Pk Volume**	358	487	0	0			**832**	
Pk Hr Factor	0.824	0.897	0.000	0.000			**0.851**		**Pk Hr Factor**	0.904	0.929	0.000	0.000			**0.929**	

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Project Dwy & E Bennett Rd

Day: Friday
Date: 9/6/2019

City: Grass Valley
Project #: CA19_7288_001n

North Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	5	3	0	0	0	0	0	0	0	0	0	0	8
01:00	0	6	1	0	0	0	0	0	0	0	0	0	0	7
02:00	0	3	2	0	0	0	0	0	0	0	0	0	0	5
03:00	0	3	2	0	0	0	0	0	0	0	0	0	0	5
04:00	0	21	9	0	1	0	0	0	0	0	0	0	0	31
05:00	0	36	21	0	10	0	0	0	0	0	0	0	0	67
06:00	0	104	58	0	21	1	0	1	1	0	0	0	0	186
07:00	2	254	99	2	39	1	0	4	0	0	0	0	0	401
08:00	1	328	99	2	22	1	0	1	0	0	1	0	0	455
09:00	2	220	72	1	21	2	0	2	0	0	0	0	0	320
10:00	2	221	72	0	20	0	0	2	0	0	1	0	0	318
11:00	3	198	74	1	19	2	0	3	0	0	0	0	0	300
12:00 PM	4	264	86	3	29	0	0	4	0	0	0	0	0	390
13:00	3	231	81	2	12	0	0	1	1	0	1	0	0	332
14:00	0	250	89	2	20	2	1	1	0	0	1	0	0	366
15:00	3	232	89	4	27	1	0	0	0	0	0	0	0	356
16:00	4	233	86	1	33	0	0	1	0	0	0	0	0	358
17:00	3	216	66	1	17	0	0	0	0	0	0	0	0	303
18:00	0	169	37	0	12	0	0	1	0	0	0	0	0	219
19:00	2	115	23	0	2	0	0	0	0	0	0	0	0	142
20:00	0	78	16	0	3	0	0	0	0	0	0	0	0	97
21:00	0	36	16	0	0	0	0	0	0	0	0	0	0	52
22:00	0	41	12	0	1	0	0	0	0	0	0	0	0	54
23:00	1	24	4	0	1	0	0	0	0	0	0	0	0	30
Totals	**30**	**3288**	**1117**	**19**	**310**	**10**	**1**	**21**	**2**		**4**			**4802**
% of Totals	1%	68%	23%	0%	6%	0%	0%	0%	0%		0%			100%

AM Volumes	10	1399	512	6	153	7	0	13	1	0	2	0	0	2103
% AM	0%	29%	11%	0%	3%	0%		0%	0%		0%			44%
AM Peak Hour	11:00	08:00	07:00	07:00	07:00	09:00		07:00	06:00		08:00			08:00
Volume	3	328	99	2	39	2		4	1		1			455
PM Volumes	20	1889	605	13	157	3	1	8	1	0	2	0	0	2699
% PM	0%	39%	13%	0%	3%	0%	0%	0%	0%		0%			56%
PM Peak Hour	12:00	12:00	14:00	15:00	16:00	14:00	14:00	12:00	13:00		13:00			12:00
Volume	4	264	89	4	33	2	1	4	1		1			390

Directional Peak Periods	**AM 7-9**		**NOON 12-2**		**PM 4-6**		**Off Peak Volumes**	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	856	18%	722	15%	661	14%	2563	53%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Project Dwy & E Bennett Rd

Day: Friday
Date: 9/6/2019

City: Grass Valley
Project #: CA19_7288_001s

South Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	12	2	0	1	0	0	0	0	0	0	0	0	15
01:00	0	3	2	0	0	0	0	0	0	0	0	0	0	5
02:00	0	4	1	0	0	0	0	0	0	0	0	0	0	5
03:00	0	5	1	0	0	0	0	0	0	0	0	0	0	6
04:00	1	0	3	0	0	0	0	0	0	0	0	0	0	4
05:00	1	19	32	0	5	1	0	0	1	0	0	0	0	59
06:00	0	43	26	0	3	2	0	0	0	0	1	0	0	75
07:00	0	119	42	3	6	0	0	0	1	0	0	0	0	171
08:00	0	203	61	1	13	2	0	0	0	0	0	0	0	280
09:00	3	169	67	1	10	0	0	1	0	0	0	0	0	251
10:00	1	163	65	2	5	0	0	2	0	0	2	0	0	240
11:00	1	196	86	1	11	1	0	0	0	0	0	0	0	296
12:00 PM	5	255	89	0	8	1	0	2	1	0	0	0	0	361
13:00	7	274	75	0	10	1	0	1	1	0	0	0	0	369
14:00	1	272	101	2	10	0	0	0	1	0	1	0	0	388
15:00	2	330	106	2	19	1	0	1	0	0	0	0	0	461
16:00	2	334	116	2	13	2	0	1	2	0	0	0	0	472
17:00	0	339	90	0	15	0	0	0	1	0	0	0	0	445
18:00	1	232	51	0	4	0	0	0	0	0	0	0	0	288
19:00	2	147	36	0	2	0	0	0	0	0	0	0	0	187
20:00	1	141	27	0	2	0	0	0	0	0	0	0	0	171
21:00	0	67	15	0	1	0	0	0	0	0	0	0	0	83
22:00	0	53	13	0	0	0	0	0	1	0	0	0	0	67
23:00	0	38	8	0	1	0	0	0	0	0	0	0	0	47
Totals	**28**	**3418**	**1115**	**14**	**139**	**11**		**8**	**9**		**4**			**4746**
% of Totals	1%	72%	23%	0%	3%	0%		0%	0%		0%			100%

AM Volumes	7	936	388	8	54	6	0	3	2	0	3	0	0	1407
% AM	0%	20%	8%	0%	1%	0%		0%	0%		0%			30%
AM Peak Hour	09:00	08:00	11:00	07:00	08:00	06:00		10:00	05:00		10:00			11:00
Volume	3	203	86	3	13	2		2	1		2			296
PM Volumes	21	2482	727	6	85	5	0	5	7	0	1	0	0	3339
% PM	0%	52%	15%	0%	2%	0%		0%	0%		0%			70%
PM Peak Hour	13:00	17:00	16:00	14:00	15:00	16:00		12:00	16:00		14:00			16:00
Volume	7	339	116	2	19	2		2	2		1			472

Directional Peak Periods All Classes	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
	Volume	%	Volume	%	Volume	%	Volume	%
	451	10%	730	15%	917	19%	2648	56%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Project Dwy & E Bennett Rd

Day: Friday
Date: 9/6/2019

City: Grass Valley
Project #: CA19_7288_001

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	17	5	0	1	0	0	0	0	0	0	0	0	**23**
01:00	0	9	3	0	0	0	0	0	0	0	0	0	0	**12**
02:00	0	7	3	0	0	0	0	0	0	0	0	0	0	**10**
03:00	0	8	3	0	0	0	0	0	0	0	0	0	0	**11**
04:00	1	21	12	0	1	0	0	0	0	0	0	0	0	**35**
05:00	1	55	53	0	15	1	0	0	1	0	0	0	0	**126**
06:00	0	147	84	0	24	3	0	1	1	0	1	0	0	**261**
07:00	2	373	141	5	45	1	0	4	1	0	0	0	0	**572**
08:00	1	531	160	3	35	3	0	1	0	0	1	0	0	**735**
09:00	5	389	139	2	31	2	0	3	0	0	0	0	0	**571**
10:00	3	384	137	2	25	0	0	4	0	0	3	0	0	**558**
11:00	4	394	160	2	30	3	0	3	0	0	0	0	0	**596**
12:00 PM	9	519	175	3	37	1	0	6	1	0	0	0	0	**751**
13:00	10	505	156	2	22	1	0	2	2	0	1	0	0	**701**
14:00	1	522	190	4	30	2	1	1	1	0	2	0	0	**754**
15:00	5	562	195	6	46	2	0	1	0	0	0	0	0	**817**
16:00	6	567	202	3	46	2	0	2	2	0	0	0	0	**830**
17:00	3	555	156	1	32	0	0	0	1	0	0	0	0	**748**
18:00	1	401	88	0	16	0	0	1	0	0	0	0	0	**507**
19:00	4	262	59	0	4	0	0	0	0	0	0	0	0	**329**
20:00	1	219	43	0	5	0	0	0	0	0	0	0	0	**268**
21:00	0	103	31	0	1	0	0	0	0	0	0	0	0	**135**
22:00	0	94	25	0	1	0	0	0	1	0	0	0	0	**121**
23:00	1	62	12	0	2	0	0	0	0	0	0	0	0	**77**
Totals	**58**	**6706**	**2232**	**33**	**449**	**21**	**1**	**29**	**11**		**8**			**9548**
% of Totals	1%	70%	23%	0%	5%	0%	0%	0%	0%		0%			100%

AM Volumes	17	2335	900	14	207	13	0	16	3	0	5	0	0	3510
% AM	0%	24%	9%	0%	2%	0%		0%	0%		0%			37%
AM Peak Hour	09:00	08:00	08:00	07:00	07:00	06:00		07:00	05:00		10:00			08:00
Volume	5	531	160	5	45	3		4	1		3			735
PM Volumes	41	4371	1332	19	242	8	1	13	8	0	3	0	0	6038
% PM	0%	46%	14%	0%	3%	0%	0%	0%	0%		0%			63%
PM Peak Hour	13:00	16:00	16:00	15:00	15:00	14:00	14:00	12:00	13:00		14:00			16:00
Volume	10	567	202	6	46	2	1	6	2		2			830

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	1307		14%	1452		15%	1578		17%	5211		55%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Brunswick Rd Bet. Project Dwy & E Bennett Rd

Day: Saturday
Date: 9/7/2019

City: Grass Valley
Project #: CA19_7288_001

DAILY TOTALS	NB	SB	EB	WB	Total
	3,266	3,243	0	0	6,509

AM Period	NB		SB		EB	WB	TOTAL		PM Period	NB		SB		EB	WB	TOTAL	
00:00	4		6		0	0	10		**12:00**	59		66		0	0	125	
00:15	4		2		0	0	6		**12:15**	74		69		0	0	143	
00:30	1		9		0	0	10		**12:30**	86		64		0	0	150	
00:45	3	12	4	21	0	0	7	33	**12:45**	65	284	70	269	0	0	135	553
01:00	2		6		0	0	8		**13:00**	62		60		0	0	122	
01:15	2		5		0	0	7		**13:15**	69		75		0	0	144	
01:30	2		0		0	0	2		**13:30**	71		79		0	0	150	
01:45	0	6	3	14	0	0	3	20	**13:45**	57	259	67	281	0	0	124	540
02:00	2		6		0	0	8		**14:00**	57		68		0	0	125	
02:15	3		2		0	0	5		**14:15**	72		72		0	0	144	
02:30	0		3		0	0	3		**14:30**	77		69		0	0	146	
02:45	0	5	2	13	0	0	2	18	**14:45**	67	273	60	269	0	0	127	542
03:00	3		2		0	0	5		**15:00**	53		61		0	0	114	
03:15	2		1		0	0	3		**15:15**	73		66		0	0	139	
03:30	2		1		0	0	3		**15:30**	50		71		0	0	121	
03:45	2	9	0	4	0	0	2	13	**15:45**	64	240	50	248	0	0	114	488
04:00	0		2		0	0	2		**16:00**	46		61		0	0	107	
04:15	3		0		0	0	3		**16:15**	58		63		0	0	121	
04:30	2		2		0	0	4		**16:30**	61		74		0	0	135	
04:45	6	11	1	5	0	0	7	16	**16:45**	43	208	67	265	0	0	110	473
05:00	4		2		0	0	6		**17:00**	45		59		0	0	104	
05:15	7		6		0	0	13		**17:15**	51		65		0	0	116	
05:30	4		15		0	0	19		**17:30**	42		56		0	0	98	
05:45	8	23	26	49	0	0	34	72	**17:45**	54	192	46	226	0	0	100	418
06:00	14		7		0	0	21		**18:00**	40		50		0	0	90	
06:15	12		8		0	0	20		**18:15**	41		44		0	0	85	
06:30	23		10		0	0	33		**18:30**	50		49		0	0	99	
06:45	40	89	10	35	0	0	50	124	**18:45**	36	167	32	175	0	0	68	342
07:00	48		11		0	0	59		**19:00**	29		46		0	0	75	
07:15	38		16		0	0	54		**19:15**	31		35		0	0	66	
07:30	34		28		0	0	62		**19:30**	30		36		0	0	66	
07:45	46	166	25	80	0	0	71	246	**19:45**	16	106	42	159	0	0	58	265
08:00	36		25		0	0	61		**20:00**	30		25		0	0	55	
08:15	49		26		0	0	75		**20:15**	25		33		0	0	58	
08:30	57		28		0	0	85		**20:30**	27		36		0	0	63	
08:45	56	198	33	112	0	0	89	310	**20:45**	21	103	26	120	0	0	47	223
09:00	58		34		0	0	92		**21:00**	19		26		0	0	45	
09:15	52		54		0	0	106		**21:15**	17		36		0	0	53	
09:30	47		52		0	0	99		**21:30**	10		25		0	0	35	
09:45	75	232	61	201	0	0	136	433	**21:45**	11	57	13	100	0	0	24	157
10:00	70		41		0	0	111		**22:00**	8		18		0	0	26	
10:15	57		66		0	0	123		**22:15**	10		15		0	0	25	
10:30	80		64		0	0	144		**22:30**	11		13		0	0	24	
10:45	79	286	66	237	0	0	145	523	**22:45**	15	44	6	52	0	0	21	96
11:00	69		63		0	0	132		**23:00**	9		17		0	0	26	
11:15	80		62		0	0	142		**23:15**	2		12		0	0	14	
11:30	65		59		0	0	124		**23:30**	4		8		0	0	12	
11:45	61	275	76	260	0	0	137	535	**23:45**	6	21	11	48	0	0	17	69
TOTALS		1312		1031				**2343**	**TOTALS**		1954		2212				**4166**
SPLIT %		56.0%		44.0%				**36.0%**	**SPLIT %**		46.9%		53.1%				**64.0%**

DAILY TOTALS	NB	SB	EB	WB	Total
	3,266	3,243	0	0	6,509

AM Peak Hour	10:30		11:45					**10:30**	**PM Peak Hour**	12:15		13:15					**12:00**
AM Pk Volume	308		275					**563**	**PM Pk Volume**	287		289					**553**
Pk Hr Factor	0.963		0.905					**0.971**	**Pk Hr Factor**	0.834		0.915					**0.922**
7 - 9 Volume	364		192		0	0		**556**	**4 - 6 Volume**	400		491		0	0		**891**
7 - 9 Peak Hour	08:00		08:00					**08:00**	**4 - 6 Peak Hour**	16:00		16:00					**16:00**
7 - 9 Pk Volume	198		112		0	0		**310**	**4 - 6 Pk Volume**	208		265		0	0		**473**
Pk Hr Factor	0.868		0.848		0.000	0.000		**0.871**	**Pk Hr Factor**	0.852		0.895		0.000	0.000		**0.876**

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Project Dwy & E Bennett Rd

Day: Saturday
Date: 9/7/2019

City: Grass Valley
Project #: CA19_7288_001n

North Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	7	4	0	1	0	0	0	0	0	0	0	0	12
01:00	0	5	1	0	0	0	0	0	0	0	0	0	0	6
02:00	0	5	0	0	0	0	0	0	0	0	0	0	0	5
03:00	0	5	4	0	0	0	0	0	0	0	0	0	0	9
04:00	1	7	3	0	0	0	0	0	0	0	0	0	0	11
05:00	0	15	6	0	2	0	0	0	0	0	0	0	0	23
06:00	0	56	24	0	9	0	0	0	0	0	0	0	0	89
07:00	0	93	46	1	23	3	0	0	0	0	0	0	0	166
08:00	1	132	48	0	16	0	0	0	1	0	0	0	0	198
09:00	2	155	59	0	14	2	0	0	0	0	0	0	0	232
10:00	0	208	64	0	14	0	0	0	0	0	0	0	0	286
11:00	5	185	60	1	23	0	0	1	0	0	0	0	0	275
12:00 PM	7	207	57	0	13	0	0	0	0	0	0	0	0	284
13:00	5	183	59	1	9	1	0	1	0	0	0	0	0	259
14:00	2	192	63	0	16	0	0	0	0	0	0	0	0	273
15:00	2	176	47	0	14	0	0	1	0	0	0	0	0	240
16:00	1	148	48	0	10	0	0	1	0	0	0	0	0	208
17:00	1	139	39	1	10	0	0	2	0	0	0	0	0	192
18:00	2	122	35	0	8	0	0	0	0	0	0	0	0	167
19:00	0	81	22	0	3	0	0	0	0	0	0	0	0	106
20:00	1	83	15	0	3	0	0	1	0	0	0	0	0	103
21:00	1	45	9	0	2	0	0	0	0	0	0	0	0	57
22:00	0	33	10	0	1	0	0	0	0	0	0	0	0	44
23:00	0	16	5	0	0	0	0	0	0	0	0	0	0	21
Totals	**31**	**2298**	**728**	**4**	**191**	**6**		**7**	**1**					**3266**
% of Totals	1%	70%	22%	0%	6%	0%		0%	0%					100%

AM Volumes	9	873	319	2	102	5	0	1	1	0	0	0	0	1312
% AM	0%	27%	10%	0%	3%	0%		0%	0%					40%
AM Peak Hour	11:00	10:00	10:00	07:00	07:00	07:00		11:00	08:00					10:00
Volume	5	208	64	1	23	3		1	1					286
PM Volumes	22	1425	409	2	89	1	0	6	0	0	0	0	0	1954
% PM	1%	44%	13%	0%	3%	0%		0%						60%
PM Peak Hour	12:00	12:00	14:00	13:00	14:00	13:00		17:00						12:00
Volume	7	207	63	1	16	1		2						284

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	364		11%	543		17%	400		12%	1959		60%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Project Dwy & E Bennett Rd

Day: Saturday
Date: 9/7/2019

City: Grass Valley
Project #: CA19_7288_001s

South Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	16	5	0	0	0	0	0	0	0	0	0	0	21
01:00	0	13	1	0	0	0	0	0	0	0	0	0	0	14
02:00	0	12	1	0	0	0	0	0	0	0	0	0	0	13
03:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
04:00	1	1	2	0	1	0	0	0	0	0	0	0	0	5
05:00	0	13	32	0	4	0	0	0	0	0	0	0	0	49
06:00	0	18	13	1	2	1	0	0	0	0	0	0	0	35
07:00	1	47	22	2	6	1	0	1	0	0	0	0	0	80
08:00	0	76	28	0	7	1	0	0	0	0	0	0	0	112
09:00	0	141	54	1	4	1	0	0	0	0	0	0	0	201
10:00	4	172	54	0	7	0	0	0	0	0	0	0	0	237
11:00	1	188	59	0	9	0	1	2	0	0	0	0	0	260
12:00 PM	4	198	59	0	7	1	0	0	0	0	0	0	0	269
13:00	5	207	65	0	4	0	0	0	0	0	0	0	0	281
14:00	1	198	57	1	12	0	0	0	0	0	0	0	0	269
15:00	3	192	47	0	3	2	0	1	0	0	0	0	0	248
16:00	3	201	59	0	2	0	0	0	0	0	0	0	0	265
17:00	1	179	43	0	3	0	0	0	0	0	0	0	0	226
18:00	0	139	30	0	6	0	0	0	0	0	0	0	0	175
19:00	2	128	29	0	0	0	0	0	0	0	0	0	0	159
20:00	0	100	20	0	0	0	0	0	0	0	0	0	0	120
21:00	0	90	10	0	0	0	0	0	0	0	0	0	0	100
22:00	0	46	6	0	0	0	0	0	0	0	0	0	0	52
23:00	0	36	12	0	0	0	0	0	0	0	0	0	0	48
Totals	**26**	**2415**	**708**	**5**	**77**	**7**	**1**	**4**						**3243**
% of Totals	1%	74%	22%	0%	2%	0%	0%	0%						100%

AM Volumes	7	701	271	4	40	4	1	3	0	0	0	0	0	1031
% AM	0%	22%	8%	0%	1%	0%	0%	0%						32%
AM Peak Hour	10:00	11:00	11:00	07:00	11:00	06:00	11:00	11:00						11:00
Volume	4	188	59	2	9	1	1	2						260
PM Volumes	19	1714	437	1	37	3	0	1	0	0	0	0	0	2212
% PM	1%	53%	13%	0%	1%	0%		0%						68%
PM Peak Hour	13:00	13:00	13:00	14:00	14:00	15:00		15:00						13:00
Volume	5	207	65	1	12	2		1						281

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	192		6%	550		17%	491		15%	2010		62%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Project Dwy & E Bennett Rd

Day: Saturday
Date: 9/7/2019

City: Grass Valley
Project #: CA19_7288_001

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	23	9	0	1	0	0	0	0	0	0	0	0	**33**
01:00	0	18	2	0	0	0	0	0	0	0	0	0	0	**20**
02:00	0	17	1	0	0	0	0	0	0	0	0	0	0	**18**
03:00	0	9	4	0	0	0	0	0	0	0	0	0	0	**13**
04:00	2	8	5	0	1	0	0	0	0	0	0	0	0	**16**
05:00	0	28	38	0	6	0	0	0	0	0	0	0	0	**72**
06:00	0	74	37	1	11	1	0	0	0	0	0	0	0	**124**
07:00	1	140	68	3	29	4	0	1	0	0	0	0	0	**246**
08:00	1	208	76	0	23	1	0	0	1	0	0	0	0	**310**
09:00	2	296	113	1	18	3	0	0	0	0	0	0	0	**433**
10:00	4	380	118	0	21	0	0	0	0	0	0	0	0	**523**
11:00	6	373	119	1	32	0	1	3	0	0	0	0	0	**535**
12:00 PM	11	405	116	0	20	1	0	0	0	0	0	0	0	**553**
13:00	10	390	124	1	13	1	0	1	0	0	0	0	0	**540**
14:00	3	390	120	1	28	0	0	0	0	0	0	0	0	**542**
15:00	5	368	94	0	17	2	0	2	0	0	0	0	0	**488**
16:00	4	349	107	0	12	0	0	1	0	0	0	0	0	**473**
17:00	2	318	82	1	13	0	0	2	0	0	0	0	0	**418**
18:00	2	261	65	0	14	0	0	0	0	0	0	0	0	**342**
19:00	2	209	51	0	3	0	0	0	0	0	0	0	0	**265**
20:00	1	183	35	0	3	0	0	1	0	0	0	0	0	**223**
21:00	1	135	19	0	2	0	0	0	0	0	0	0	0	**157**
22:00	0	79	16	0	1	0	0	0	0	0	0	0	0	**96**
23:00	0	52	17	0	0	0	0	0	0	0	0	0	0	**69**
Totals	**57**	**4713**	**1436**	**9**	**268**	**13**	**1**	**11**	**1**					**6509**
% of Totals	1%	72%	22%	0%	4%	0%	0%	0%	0%					100%

AM Volumes	16	1574	590	6	142	9	1	4	1	0	0	0	0	2343
% AM	0%	24%	9%	0%	2%	0%	0%	0%	0%					36%
AM Peak Hour	11:00	10:00	11:00	07:00	11:00	07:00	11:00	11:00	08:00					11:00
Volume	6	380	119	3	32	4	1	3	1					535
PM Volumes	41	3139	846	3	126	4	0	7	0	0	0	0	0	4166
% PM	1%	48%	13%	0%	2%	0%		0%						64%
PM Peak Hour	12:00	12:00	13:00	13:00	14:00	15:00		15:00						12:00
Volume	11	405	124	1	28	2		2						553

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	556		9%	1093		17%	891		14%	3969		61%

Classification Definitions

1	Motorcycles	**4**	Buses	**7**	> =4-Axle Single Units	**10**	>=6-Axle Single Trailers	**13**	>=7-Axle Multi-Trailers
2	Passenger Cars	**5**	2-Axle, 6-Tire Single Units	**8**	<=4-Axle Single Trailers	**11**	<=5-Axle Multi-Trailers		
3	2-Axle, 4-Tire Single Units	**6**	3-Axle Single Units	**9**	5-Axle Single Trailers	**12**	6-Axle Multi-Trailers		

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Brunswick Rd Bet. Project Dwy & E Bennett Rd

Day: Sunday
Date: 9/8/2019

City: Grass Valley
Project #: CA19_7288_001

DAILY TOTALS	NB	SB	EB	WB	Total
	2,679	2,732	0	0	5,411

AM Period	NB		SB		EB	WB	TOTAL		PM Period	NB		SB		EB	WB	TOTAL	
00:00	2		4		0	0	6		**12:00**	78		48		0	0	126	
00:15	5		9		0	0	14		**12:15**	76		69		0	0	145	
00:30	6		5		0	0	11		**12:30**	61		67		0	0	128	
00:45	1	14	3	21	0	0	4	35	**12:45**	61	276	75	259	0	0	136	535
01:00	2		2		0	0	4		**13:00**	62		68		0	0	130	
01:15	0		3		0	0	3		**13:15**	56		53		0	0	109	
01:30	3		3		0	0	6		**13:30**	60		59		0	0	119	
01:45	3	8	2	10	0	0	5	18	**13:45**	57	235	73	253	0	0	130	488
02:00	3		1		0	0	4		**14:00**	42		57		0	0	99	
02:15	1		3		0	0	4		**14:15**	36		50		0	0	86	
02:30	0		4		0	0	4		**14:30**	51		55		0	0	106	
02:45	0	4	1	9	0	0	1	13	**14:45**	52	181	71	233	0	0	123	414
03:00	2		1		0	0	3		**15:00**	55		59		0	0	114	
03:15	4		2		0	0	6		**15:15**	73		57		0	0	130	
03:30	3		3		0	0	6		**15:30**	58		66		0	0	124	
03:45	0	9	1	7	0	0	1	16	**15:45**	53	239	57	239	0	0	110	478
04:00	1		3		0	0	4		**16:00**	60		58		0	0	118	
04:15	3		0		0	0	3		**16:15**	41		64		0	0	105	
04:30	0		2		0	0	2		**16:30**	44		59		0	0	103	
04:45	5	9	3	8	0	0	8	17	**16:45**	50	195	65	246	0	0	115	441
05:00	2		0		0	0	2		**17:00**	62		48		0	0	110	
05:15	2		0		0	0	2		**17:15**	45		58		0	0	103	
05:30	7		3		0	0	10		**17:30**	46		40		0	0	86	
05:45	3	14	1	4	0	0	4	18	**17:45**	35	188	49	195	0	0	84	383
06:00	5		3		0	0	8		**18:00**	49		35		0	0	84	
06:15	12		3		0	0	15		**18:15**	32		53		0	0	85	
06:30	6		9		0	0	15		**18:30**	40		36		0	0	76	
06:45	13	36	9	24	0	0	22	60	**18:45**	26	147	31	155	0	0	57	302
07:00	14		9		0	0	23		**19:00**	34		34		0	0	68	
07:15	24		12		0	0	36		**19:15**	31		49		0	0	80	
07:30	15		20		0	0	35		**19:30**	31		33		0	0	64	
07:45	27	80	10	51	0	0	37	131	**19:45**	28	124	31	147	0	0	59	271
08:00	31		21		0	0	52		**20:00**	25		36		0	0	61	
08:15	38		24		0	0	62		**20:15**	19		25		0	0	44	
08:30	35		20		0	0	55		**20:30**	9		26		0	0	35	
08:45	50	154	25	90	0	0	75	244	**20:45**	11	64	15	102	0	0	26	166
09:00	44		31		0	0	75		**21:00**	5		25		0	0	30	
09:15	48		22		0	0	70		**21:15**	17		16		0	0	33	
09:30	32		42		0	0	74		**21:30**	9		18		0	0	27	
09:45	36	160	46	141	0	0	82	301	**21:45**	7	38	12	71	0	0	19	109
10:00	56		53		0	0	109		**22:00**	5		9		0	0	14	
10:15	66		42		0	0	108		**22:15**	8		6		0	0	14	
10:30	56		48		0	0	104		**22:30**	6		13		0	0	19	
10:45	59	237	32	175	0	0	91	412	**22:45**	4	23	9	37	0	0	13	60
11:00	68		61		0	0	129		**23:00**	4		6		0	0	10	
11:15	50		57		0	0	107		**23:15**	5		3		0	0	8	
11:30	54		61		0	0	115		**23:30**	1		5		0	0	6	
11:45	59	231	60	239	0	0	119	470	**23:45**	3	13	2	16	0	0	5	29
TOTALS		956		779				**1735**	**TOTALS**		1723		1953				**3676**
SPLIT %		55.1%		44.9%				**32.1%**	**SPLIT %**		46.9%		53.1%				**67.9%**

DAILY TOTALS	NB	SB	EB	WB	Total
	2,679	2,732	0	0	5,411

AM Peak Hour	11:45	11:45				**11:45**	**PM Peak Hour**	12:00	12:15				**12:15**
AM Pk Volume	274	244				**518**	**PM Pk Volume**	276	279				**539**
Pk Hr Factor	0.878	0.884				**0.893**	**Pk Hr Factor**	0.885	0.930				**0.929**
7 - 9 Volume	234	141	0	0		**375**	**4 - 6 Volume**	383	441	0	0		**824**
7 - 9 Peak Hour	08:00	08:00				**08:00**	**4 - 6 Peak Hour**	16:45	16:00				**16:00**
7 - 9 Pk Volume	154	90	0	0		**244**	**4 - 6 Pk Volume**	203	246	0	0		**441**
Pk Hr Factor	0.770	0.900	0.000	0.000		**0.813**	**Pk Hr Factor**	0.819	0.946	0.000	0.000		**0.934**

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Project Dwy & E Bennett Rd

Day: Sunday
Date: 9/8/2019

City: Grass Valley
Project #: CA19_7288_001n

North Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	10	4	0	0	0	0	0	0	0	0	0	0	14
01:00	0	7	1	0	0	0	0	0	0	0	0	0	0	8
02:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
03:00	1	7	1	0	0	0	0	0	0	0	0	0	0	9
04:00	0	9	0	0	0	0	0	0	0	0	0	0	0	9
05:00	0	9	4	0	1	0	0	0	0	0	0	0	0	14
06:00	0	27	8	0	1	0	0	0	0	0	0	0	0	36
07:00	0	57	18	0	5	0	0	0	0	0	0	0	0	80
08:00	1	109	38	0	6	0	0	0	0	0	0	0	0	154
09:00	1	113	39	0	7	0	0	0	0	0	0	0	0	160
10:00	2	179	43	0	13	0	0	0	0	0	0	0	0	237
11:00	3	169	42	1	15	0	1	0	0	0	0	0	0	231
12:00 PM	5	210	48	2	9	0	0	2	0	0	0	0	0	276
13:00	3	182	38	2	9	0	0	1	0	0	0	0	0	235
14:00	0	132	38	0	11	0	0	0	0	0	0	0	0	181
15:00	4	185	35	1	14	0	0	0	0	0	0	0	0	239
16:00	0	138	47	0	10	0	0	0	0	0	0	0	0	195
17:00	2	144	34	0	7	0	0	1	0	0	0	0	0	188
18:00	1	99	36	0	10	0	0	1	0	0	0	0	0	147
19:00	0	94	26	2	2	0	0	0	0	0	0	0	0	124
20:00	0	48	13	0	3	0	0	0	0	0	0	0	0	64
21:00	0	26	9	0	3	0	0	0	0	0	0	0	0	38
22:00	0	20	3	0	0	0	0	0	0	0	0	0	0	23
23:00	0	11	1	0	1	0	0	0	0	0	0	0	0	13
Totals	**23**	**1989**	**526**	**8**	**127**		**1**	**5**						**2679**
% of Totals	1%	74%	20%	0%	5%		0%	0%						100%

AM Volumes	8	700	198	1	48	0	1	0	0	0	0	0	0	956
% AM	0%	26%	7%	0%	2%		0%							36%
AM Peak Hour	11:00	10:00	10:00	11:00	11:00		11:00							10:00
Volume	3	179	43	1	15		1							237
PM Volumes	15	1289	328	7	79	0	0	5	0	0	0	0	0	1723
% PM	1%	48%	12%	0%	3%			0%						64%
PM Peak Hour	12:00	12:00	12:00	12:00	15:00			12:00						12:00
Volume	5	210	48	2	14			2						276

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	234		9%	511		19%	383		14%	1551		58%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Project Dwy & E Bennett Rd

Day: Sunday
Date: 9/8/2019

City: Grass Valley
Project #: CA19_7288_001s

South Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	17	4	0	0	0	0	0	0	0	0	0	0	21
01:00	0	10	0	0	0	0	0	0	0	0	0	0	0	10
02:00	0	7	2	0	0	0	0	0	0	0	0	0	0	9
03:00	0	5	2	0	0	0	0	0	0	0	0	0	0	7
04:00	0	6	2	0	0	0	0	0	0	0	0	0	0	8
05:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
06:00	0	12	12	0	0	0	0	0	0	0	0	0	0	24
07:00	0	38	11	0	2	0	0	0	0	0	0	0	0	51
08:00	0	72	17	0	1	0	0	0	0	0	0	0	0	90
09:00	0	114	24	1	1	0	0	1	0	0	0	0	0	141
10:00	2	119	49	2	1	0	0	2	0	0	0	0	0	175
11:00	6	182	46	0	3	0	0	1	1	0	0	0	0	239
12:00 PM	2	200	53	0	4	0	0	0	0	0	0	0	0	259
13:00	1	202	46	1	3	0	0	0	0	0	0	0	0	253
14:00	0	199	33	0	1	0	0	0	0	0	0	0	0	233
15:00	3	187	43	1	4	0	0	1	0	0	0	0	0	239
16:00	1	183	57	2	3	0	0	0	0	0	0	0	0	246
17:00	3	148	39	0	3	0	1	1	0	0	0	0	0	195
18:00	0	119	33	0	3	0	0	0	0	0	0	0	0	155
19:00	0	117	25	0	5	0	0	0	0	0	0	0	0	147
20:00	0	81	20	0	1	0	0	0	0	0	0	0	0	102
21:00	0	59	12	0	0	0	0	0	0	0	0	0	0	71
22:00	0	34	3	0	0	0	0	0	0	0	0	0	0	37
23:00	0	13	2	0	1	0	0	0	0	0	0	0	0	16
Totals	**18**	**2128**	**535**	**7**	**36**		**1**	**6**	**1**					**2732**
% of Totals	1%	78%	20%	0%	1%		0%	0%	0%					100%

AM Volumes	8	586	169	3	8	0	0	4	1	0	0	0	0	779
% AM	0%	21%	6%	0%	0%			0%	0%					29%
AM Peak Hour	11:00	11:00	10:00	10:00	11:00			10:00	11:00					11:00
Volume	6	182	49	2	3			2	1					239
PM Volumes	10	1542	366	4	28	0	1	2	0	0	0	0	0	1953
% PM	0%	56%	13%	0%	1%		0%	0%						71%
PM Peak Hour	15:00	13:00	16:00	16:00	19:00		17:00	15:00						12:00
Volume	3	202	57	2	5		1	1						259

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	141		5%	512		19%	441		16%	1638		60%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Project Dwy & E Bennett Rd

Day: Sunday
Date: 9/8/2019

City: Grass Valley
Project #: CA19_7288_001

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	27	8	0	0	0	0	0	0	0	0	0	0	35
01:00	0	17	1	0	0	0	0	0	0	0	0	0	0	18
02:00	0	11	2	0	0	0	0	0	0	0	0	0	0	13
03:00	1	12	3	0	0	0	0	0	0	0	0	0	0	16
04:00	0	15	2	0	0	0	0	0	0	0	0	0	0	17
05:00	0	13	4	0	1	0	0	0	0	0	0	0	0	18
06:00	0	39	20	0	1	0	0	0	0	0	0	0	0	60
07:00	0	95	29	0	7	0	0	0	0	0	0	0	0	131
08:00	1	181	55	0	7	0	0	0	0	0	0	0	0	244
09:00	1	227	63	1	8	0	0	1	0	0	0	0	0	301
10:00	4	298	92	2	14	0	0	2	0	0	0	0	0	412
11:00	9	351	88	1	18	0	1	1	1	0	0	0	0	470
12:00 PM	7	410	101	2	13	0	0	2	0	0	0	0	0	535
13:00	4	384	84	3	12	0	0	1	0	0	0	0	0	488
14:00	0	331	71	0	12	0	0	0	0	0	0	0	0	414
15:00	7	372	78	2	18	0	0	1	0	0	0	0	0	478
16:00	1	321	104	2	13	0	0	0	0	0	0	0	0	441
17:00	5	292	73	0	10	0	1	2	0	0	0	0	0	383
18:00	1	218	69	0	13	0	0	1	0	0	0	0	0	302
19:00	0	211	51	2	7	0	0	0	0	0	0	0	0	271
20:00	0	129	33	0	4	0	0	0	0	0	0	0	0	166
21:00	0	85	21	0	3	0	0	0	0	0	0	0	0	109
22:00	0	54	6	0	0	0	0	0	0	0	0	0	0	60
23:00	0	24	3	0	2	0	0	0	0	0	0	0	0	29
Totals	**41**	**4117**	**1061**	**15**	**163**		**2**	**11**	**1**					**5411**
% of Totals	1%	76%	20%	0%	3%		0%	0%	0%					100%

AM Volumes	16	1286	367	4	56	0	1	4	1	0	0	0	0	1735
% AM	0%	24%	7%	0%	1%		0%	0%	0%					32%
AM Peak Hour	11:00	11:00	10:00	10:00	11:00		11:00	10:00	11:00					11:00
Volume	9	351	92	2	18		1	2	1					470
PM Volumes	25	2831	694	11	107	0	1	7	0	0	0	0	0	3676
% PM	0%	52%	13%	0%	2%		0%	0%						68%
PM Peak Hour	12:00	12:00	16:00	13:00	15:00		17:00	12:00						12:00
Volume	7	410	104	3	18		1	2						535

Directional Peak Periods	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	375	7%	1023	19%	824	15%	3189	59%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Brunswick Rd Bet. Project Dwy & E Bennett Rd

Day: Monday
Date: 9/9/2019

City: Grass Valley
Project #: CA19_7288_001

DAILY TOTALS	NB	SB	EB	WB	Total
	4,539	4,520	0	0	9,059

AM Period	NB		SB		EB	WB	TOTAL		PM Period	NB		SB		EB	WB	TOTAL	
00:00	1		1		0	0	2		**12:00**	81		67		0	0	148	
00:15	4		3		0	0	7		**12:15**	90		97		0	0	187	
00:30	3		1		0	0	4		**12:30**	71		78		0	0	149	
00:45	3	11	2	7	0	0	5	18	**12:45**	81	323	80	322	0	0	161	645
01:00	2		2		0	0	4		**13:00**	95		79		0	0	174	
01:15	0		4		0	0	4		**13:15**	70		62		0	0	132	
01:30	0		2		0	0	2		**13:30**	104		89		0	0	193	
01:45	1	3	2	10	0	0	3	13	**13:45**	78	347	93	323	0	0	171	670
02:00	1		1		0	0	2		**14:00**	77		88		0	0	165	
02:15	1		0		0	0	1		**14:15**	61		72		0	0	133	
02:30	1		2		0	0	3		**14:30**	85		111		0	0	196	
02:45	0	3	2	5	0	0	2	8	**14:45**	71	294	96	367	0	0	167	661
03:00	0		2		0	0	2		**15:00**	77		109		0	0	186	
03:15	2		0		0	0	2		**15:15**	115		96		0	0	211	
03:30	5		0		0	0	5		**15:30**	93		120		0	0	213	
03:45	2	9	1	3	0	0	3	12	**15:45**	99	384	115	440	0	0	214	824
04:00	3		0		0	0	3		**16:00**	85		92		0	0	177	
04:15	1		0		0	0	1		**16:15**	90		100		0	0	190	
04:30	5		4		0	0	9		**16:30**	74		128		0	0	202	
04:45	13	22	2	6	0	0	15	28	**16:45**	66	315	114	434	0	0	180	749
05:00	6		11		0	0	17		**17:00**	62		125		0	0	187	
05:15	7		11		0	0	18		**17:15**	73		135		0	0	208	
05:30	17		16		0	0	33		**17:30**	65		115		0	0	180	
05:45	30	60	26	64	0	0	56	124	**17:45**	46	246	83	458	0	0	129	704
06:00	29		14		0	0	43		**18:00**	55		57		0	0	112	
06:15	43		18		0	0	61		**18:15**	55		66		0	0	121	
06:30	49		26		0	0	75		**18:30**	37		84		0	0	121	
06:45	81	202	33	91	0	0	114	293	**18:45**	42	189	69	276	0	0	111	465
07:00	57		31		0	0	88		**19:00**	39		59		0	0	98	
07:15	101		33		0	0	134		**19:15**	31		62		0	0	93	
07:30	120		41		0	0	161		**19:30**	29		54		0	0	83	
07:45	136	414	54	159	0	0	190	573	**19:45**	26	125	32	207	0	0	58	332
08:00	123		62		0	0	185		**20:00**	27		29		0	0	56	
08:15	107		77		0	0	184		**20:15**	25		33		0	0	58	
08:30	128		68		0	0	196		**20:30**	6		37		0	0	43	
08:45	123	481	64	271	0	0	187	752	**20:45**	15	73	29	128	0	0	44	201
09:00	78		68		0	0	146		**21:00**	15		21		0	0	36	
09:15	94		55		0	0	149		**21:15**	8		16		0	0	24	
09:30	75		59		0	0	134		**21:30**	10		14		0	0	24	
09:45	86	333	70	252	0	0	156	585	**21:45**	5	38	13	64	0	0	18	102
10:00	73		73		0	0	146		**22:00**	9		18		0	0	27	
10:15	71		59		0	0	130		**22:15**	6		11		0	0	17	
10:30	80		67		0	0	147		**22:30**	15		9		0	0	24	
10:45	85	309	59	258	0	0	144	567	**22:45**	4	34	7	45	0	0	11	79
11:00	81		81		0	0	162		**23:00**	7		4		0	0	11	
11:15	75		79		0	0	154		**23:15**	2		11		0	0	13	
11:30	81		78		0	0	159		**23:30**	3		6		0	0	9	
11:45	72	309	66	304	0	0	138	613	**23:45**	3	15	5	26	0	0	8	41
TOTALS		2156		1430				**3586**	**TOTALS**		2383		3090				**5473**
SPLIT %		60.1%		39.9%				**39.6%**	**SPLIT %**		43.5%		56.5%				**60.4%**

DAILY TOTALS	NB	SB	EB	WB	Total
	4,539	4,520	0	0	9,059

AM Peak Hour	07:45	11:30				**07:45**	**PM Peak Hour**	15:15	16:30				**15:00**
AM Pk Volume	494	308				**755**	**PM Pk Volume**	392	502				**824**
Pk Hr Factor	0.908	0.794				**0.963**	**Pk Hr Factor**	0.852	0.930				**0.963**
7 - 9 Volume	895	430	0	0		**1325**	**4 - 6 Volume**	561	892	0	0		**1453**
7 - 9 Peak Hour	07:45	08:00				**07:45**	**4 - 6 Peak Hour**	16:00	16:30				**16:30**
7 - 9 Pk Volume	494	271	0	0		**755**	**4 - 6 Pk Volume**	315	502	0	0		**777**
Pk Hr Factor	0.908	0.880	0.000	0.000		**0.963**	**Pk Hr Factor**	0.875	0.930	0.000	0.000		**0.934**

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Project Dwy & E Bennett Rd

Day: Monday
Date: 9/9/2019

City: Grass Valley
Project #: CA19_7288_001n

North Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	9	2	0	0	0	0	0	0	0	0	0	0	11
01:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
02:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
03:00	0	7	2	0	0	0	0	0	0	0	0	0	0	9
04:00	0	12	8	0	2	0	0	0	0	0	0	0	0	22
05:00	0	31	21	0	7	1	0	0	0	0	0	0	0	60
06:00	3	114	56	1	27	0	0	1	0	0	0	0	0	202
07:00	0	277	92	1	42	2	0	0	0	0	0	0	0	414
08:00	2	337	115	1	23	1	0	1	0	0	1	0	0	481
09:00	1	233	76	0	23	0	0	0	0	0	0	0	0	333
10:00	2	212	63	1	26	1	0	2	2	0	0	0	0	309
11:00	1	209	77	1	20	0	0	1	0	0	0	0	0	309
12:00 PM	3	220	79	1	17	1	0	0	1	0	1	0	0	323
13:00	2	253	65	1	21	1	0	2	1	0	1	0	0	347
14:00	2	200	64	3	23	0	0	1	0	0	1	0	0	294
15:00	2	255	88	2	31	5	0	0	1	0	0	0	0	384
16:00	1	195	87	2	29	0	0	1	0	0	0	0	0	315
17:00	2	165	52	2	25	0	0	0	0	0	0	0	0	246
18:00	0	134	43	0	10	0	0	2	0	0	0	0	0	189
19:00	0	93	22	2	8	0	0	0	0	0	0	0	0	125
20:00	2	52	16	0	3	0	0	0	0	0	0	0	0	73
21:00	0	30	8	0	0	0	0	0	0	0	0	0	0	38
22:00	0	27	6	1	0	0	0	0	0	0	0	0	0	34
23:00	0	14	1	0	0	0	0	0	0	0	0	0	0	15
Totals	**23**	**3084**	**1044**	**19**	**337**	**12**		**11**	**5**		**4**			**4539**
% of Totals	1%	68%	23%	0%	7%	0%		0%	0%		0%			100%

AM Volumes	9	1446	513	5	170	5	0	5	2	0	1	0	0	2156
% AM	0%	32%	11%	0%	4%	0%		0%	0%		0%			47%
AM Peak Hour	06:00	08:00	08:00	06:00	07:00	07:00		10:00	10:00		08:00			08:00
Volume	3	337	115	1	42	2		2	2		1			481
PM Volumes	14	1638	531	14	167	7	0	6	3	0	3	0	0	2383
% PM	0%	36%	12%	0%	4%	0%		0%	0%		0%			53%
PM Peak Hour	12:00	15:00	15:00	14:00	15:00	15:00		13:00	12:00		12:00			15:00
Volume	3	255	88	3	31	5		2	1		1			384

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	895		20%	670		15%	561		12%	2413		53%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Project Dwy & E Bennett Rd

Day: Monday
Date: 9/9/2019

City: Grass Valley
Project #: CA19_7288_001s

South Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	4	3	0	0	0	0	0	0	0	0	0	0	7
01:00	0	8	1	0	0	0	0	0	0	0	1	0	0	10
02:00	0	5	0	0	0	0	0	0	0	0	0	0	0	5
03:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
04:00	0	3	3	0	0	0	0	0	0	0	0	0	0	6
05:00	0	21	33	1	8	1	0	0	0	0	0	0	0	64
06:00	0	59	23	0	2	2	0	0	2	0	3	0	0	91
07:00	0	101	44	2	12	0	0	0	0	0	0	0	0	159
08:00	0	183	65	0	18	2	0	2	0	0	1	0	0	271
09:00	1	174	63	0	13	1	0	0	0	0	0	0	0	252
10:00	0	179	66	1	7	1	0	1	1	0	2	0	0	258
11:00	1	214	73	1	11	4	0	0	0	0	0	0	0	304
12:00 PM	4	234	73	0	10	0	0	1	0	0	0	0	0	322
13:00	2	231	71	1	15	2	0	0	0	0	1	0	0	323
14:00	2	239	110	0	14	1	0	0	0	0	1	0	0	367
15:00	0	311	113	2	14	0	0	0	0	0	0	0	0	440
16:00	1	311	109	0	12	0	0	1	0	0	0	0	0	434
17:00	1	368	82	0	6	0	0	1	0	0	0	0	0	458
18:00	0	216	55	2	2	1	0	0	0	0	0	0	0	276
19:00	0	154	50	0	2	1	0	0	0	0	0	0	0	207
20:00	1	105	18	2	1	0	0	0	1	0	0	0	0	128
21:00	0	55	9	0	0	0	0	0	0	0	0	0	0	64
22:00	0	32	12	0	0	0	0	0	1	0	0	0	0	45
23:00	0	24	2	0	0	0	0	0	0	0	0	0	0	26
Totals	**13**	**3234**	**1078**	**12**	**147**	**16**		**6**	**5**		**9**			**4520**
% of Totals	0%	72%	24%	0%	3%	0%		0%	0%		0%			100%

AM Volumes	2	954	374	5	71	11	0	3	3	0	7	0	0	1430
% AM	0%	21%	8%	0%	2%	0%		0%	0%		0%			32%
AM Peak Hour	09:00	11:00	11:00	07:00	08:00	11:00		08:00	06:00		06:00			11:00
Volume	1	214	73	2	18	4		2	2		3			304
PM Volumes	11	2280	704	7	76	5	0	3	2	0	2	0	0	3090
% PM	0%	50%	16%	0%	2%	0%		0%	0%		0%			68%
PM Peak Hour	12:00	17:00	15:00	15:00	13:00	13:00		12:00	20:00		13:00			17:00
Volume	4	368	113	2	15	2		1	1		1			458

Directional Peak Periods	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	430	10%	645	14%	892	20%	2553	56%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Project Dwy & E Bennett Rd

Day: Monday
Date: 9/9/2019

City: Grass Valley
Project #: CA19_7288_001

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	13	5	0	0	0	0	0	0	0	0	0	0	**18**
01:00	0	10	2	0	0	0	0	0	0	0	1	0	0	**13**
02:00	0	8	0	0	0	0	0	0	0	0	0	0	0	**8**
03:00	0	10	2	0	0	0	0	0	0	0	0	0	0	**12**
04:00	0	15	11	0	2	0	0	0	0	0	0	0	0	**28**
05:00	0	52	54	1	15	2	0	0	0	0	0	0	0	**124**
06:00	3	173	79	1	29	2	0	1	2	0	3	0	0	**293**
07:00	0	378	136	3	54	2	0	0	0	0	0	0	0	**573**
08:00	2	520	180	1	41	3	0	3	0	0	2	0	0	**752**
09:00	2	407	139	0	36	1	0	0	0	0	0	0	0	**585**
10:00	2	391	129	2	33	2	0	3	3	0	2	0	0	**567**
11:00	2	423	150	2	31	4	0	1	0	0	0	0	0	**613**
12:00 PM	7	454	152	1	27	1	0	1	1	0	1	0	0	**645**
13:00	4	484	136	2	36	3	0	2	1	0	2	0	0	**670**
14:00	4	439	174	3	37	1	0	1	0	0	2	0	0	**661**
15:00	2	566	201	4	45	5	0	0	1	0	0	0	0	**824**
16:00	2	506	196	2	41	0	0	2	0	0	0	0	0	**749**
17:00	3	533	134	2	31	0	0	1	0	0	0	0	0	**704**
18:00	0	350	98	2	12	1	0	2	0	0	0	0	0	**465**
19:00	0	247	72	2	10	1	0	0	0	0	0	0	0	**332**
20:00	3	157	34	2	4	0	0	0	1	0	0	0	0	**201**
21:00	0	85	17	0	0	0	0	0	0	0	0	0	0	**102**
22:00	0	59	18	1	0	0	0	0	1	0	0	0	0	**79**
23:00	0	38	3	0	0	0	0	0	0	0	0	0	0	**41**
Totals	**36**	**6318**	**2122**	**31**	**484**	**28**		**17**	**10**		**13**			**9059**
% of Totals	0%	70%	23%	0%	5%	0%		0%	0%		0%			100%

AM Volumes	11	2400	887	10	241	16	0	8	5	0	8	0	0	3586
% AM	0%	26%	10%	0%	3%	0%		0%	0%		0%			40%
AM Peak Hour	06:00	08:00	08:00	07:00	07:00	11:00		08:00	10:00		06:00			08:00
Volume	3	520	180	3	54	4		3	3		3			752
PM Volumes	25	3918	1235	21	243	12	0	9	5	0	5	0	0	5473
% PM	0%	43%	14%	0%	3%	0%		0%	0%		0%			60%
PM Peak Hour	12:00	15:00	15:00	15:00	15:00	15:00		13:00	12:00		13:00			15:00
Volume	7	566	201	4	45	5		2	1		2			824

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	1325		15%	1315		15%	1453		16%	4966		55%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Brunswick Rd Bet. Project Dwy & E Bennett Rd

Day: Tuesday
Date: 9/10/2019

City: Grass Valley
Project #: CA19_7288_001

DAILY TOTALS	NB	SB	EB	WB	Total
	4,510	4,572	0	0	9,082

AM Period	NB		SB		EB	WB	TOTAL		PM Period	NB		SB		EB	WB	TOTAL	
00:00	0		2		0	0	2		**12:00**	86		65		0	0	151	
00:15	1		3		0	0	4		**12:15**	82		98		0	0	180	
00:30	2		0		0	0	2		**12:30**	75		79		0	0	154	
00:45	2	5	2	7	0	0	4	12	**12:45**	84	327	75	317	0	0	159	644
01:00	1		3		0	0	4		**13:00**	94		69		0	0	163	
01:15	0		3		0	0	3		**13:15**	72		67		0	0	139	
01:30	0		0		0	0			**13:30**	99		85		0	0	184	
01:45	2	3	0	6	0	0	2	9	**13:45**	69	334	86	307	0	0	155	641
02:00	2		2		0	0	4		**14:00**	85		93		0	0	178	
02:15	0		0		0	0			**14:15**	59		69		0	0	128	
02:30	1		1		0	0	2		**14:30**	81		113		0	0	194	
02:45	0	3	0	3	0	0		6	**14:45**	62	287	92	367	0	0	154	654
03:00	1		2		0	0	3		**15:00**	76		115		0	0	191	
03:15	0		2		0	0	2		**15:15**	114		95		0	0	209	
03:30	7		0		0	0	7		**15:30**	91		116		0	0	207	
03:45	1	9	0	4	0	0	1	13	**15:45**	99	380	122	448	0	0	221	828
04:00	1		1		0	0	2		**16:00**	86		93		0	0	179	
04:15	2		2		0	0	4		**16:15**	91		109		0	0	200	
04:30	4		1		0	0	5		**16:30**	79		123		0	0	202	
04:45	13	20	1	5	0	0	14	25	**16:45**	58	314	116	441	0	0	174	755
05:00	12		7		0	0	19		**17:00**	54		127		0	0	181	
05:15	7		9		0	0	16		**17:15**	67		137		0	0	204	
05:30	14		18		0	0	32		**17:30**	59		120		0	0	179	
05:45	24	57	30	64	0	0	54	121	**17:45**	45	225	85	469	0	0	130	694
06:00	30		14		0	0	44		**18:00**	52		61		0	0	113	
06:15	46		7		0	0	53		**18:15**	56		72		0	0	128	
06:30	53		21		0	0	74		**18:30**	37		86		0	0	123	
06:45	78	207	25	67	0	0	103	274	**18:45**	42	187	66	285	0	0	108	472
07:00	50		28		0	0	78		**19:00**	40		62		0	0	102	
07:15	102		33		0	0	135		**19:15**	32		60		0	0	92	
07:30	116		41		0	0	157		**19:30**	34		37		0	0	71	
07:45	136	404	59	161	0	0	195	565	**19:45**	30	136	58	217	0	0	88	353
08:00	121		66		0	0	187		**20:00**	28		32		0	0	60	
08:15	104		74		0	0	178		**20:15**	17		49		0	0	66	
08:30	125		62		0	0	187		**20:30**	21		36		0	0	57	
08:45	129	479	57	259	0	0	186	738	**20:45**	21	87	30	147	0	0	51	234
09:00	76		76		0	0	152		**21:00**	12		32		0	0	44	
09:15	97		68		0	0	165		**21:15**	9		28		0	0	37	
09:30	76		52		0	0	128		**21:30**	18		22		0	0	40	
09:45	89	338	73	269	0	0	162	607	**21:45**	14	53	19	101	0	0	33	154
10:00	79		67		0	0	146		**22:00**	8		17		0	0	25	
10:15	63		55		0	0	118		**22:15**	9		10		0	0	19	
10:30	71		67		0	0	138		**22:30**	2		13		0	0	15	
10:45	81	294	56	245	0	0	137	539	**22:45**	8	27	5	45	0	0	13	72
11:00	79		78		0	0	157		**23:00**	7		9		0	0	16	
11:15	81		85		0	0	166		**23:15**	6		6		0	0	12	
11:30	74		83		0	0	157		**23:30**	2		5		0	0	7	
11:45	83	317	67	313	0	0	150	630	**23:45**	2	17	5	25	0	0	7	42
TOTALS		2136		1403				**3539**	**TOTALS**		2374		3169				**5543**
SPLIT %		60.4%		39.6%				**39.0%**	**SPLIT %**		42.8%		57.2%				**61.0%**

DAILY TOTALS	NB	SB	EB	WB	Total
	4,510	4,572	0	0	9,082

AM Peak Hour	07:45	11:00				**07:45**	**PM Peak Hour**	15:15	16:30				**15:00**
AM Pk Volume	486	313				**747**	**PM Pk Volume**	390	503				**828**
Pk Hr Factor	0.893	0.921				**0.958**	**Pk Hr Factor**	0.855	0.918				**0.937**
7 - 9 Volume	883	420	0	0		**1303**	**4 - 6 Volume**	539	910	0	0		**1449**
7 - 9 Peak Hour	07:45	07:45				**07:45**	**4 - 6 Peak Hour**	16:00	16:30				**16:30**
7 - 9 Pk Volume	486	261	0	0		**747**	**4 - 6 Pk Volume**	314	503	0	0		**761**
Pk Hr Factor	0.893	0.882	0.000	0.000		**0.958**	**Pk Hr Factor**	0.863	0.918	0.000	0.000		**0.933**

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Project Dwy & E Bennett Rd

Day: Tuesday
Date: 9/10/2019

City: Grass Valley
Project #: CA19_7288_001n

North Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	4	1	0	0	0	0	0	0	0	0	0	0	5
01:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
02:00	0	2	0	0	0	1	0	0	0	0	0	0	0	3
03:00	0	7	2	0	0	0	0	0	0	0	0	0	0	9
04:00	0	10	8	0	2	0	0	0	0	0	0	0	0	20
05:00	0	26	23	0	8	0	0	0	0	0	0	0	0	57
06:00	4	124	51	2	26	0	0	0	0	0	0	0	0	207
07:00	2	272	85	2	42	0	0	1	0	0	0	0	0	404
08:00	1	344	107	2	25	0	0	0	0	0	0	0	0	479
09:00	3	243	63	2	25	1	0	1	0	0	0	0	0	338
10:00	2	204	57	2	25	1	0	1	2	0	0	0	0	294
11:00	3	217	75	1	20	0	0	0	1	0	0	0	0	317
12:00 PM	2	230	73	2	18	1	0	1	0	0	0	0	0	327
13:00	3	251	53	2	25	0	0	0	0	0	0	0	0	334
14:00	2	206	60	1	17	0	0	1	0	0	0	0	0	287
15:00	4	257	89	0	28	2	0	0	0	0	0	0	0	380
16:00	3	203	83	1	23	0	0	0	1	0	0	0	0	314
17:00	2	155	49	1	17	1	0	0	0	0	0	0	0	225
18:00	0	136	42	2	7	0	0	0	0	0	0	0	0	187
19:00	0	118	14	1	3	0	0	0	0	0	0	0	0	136
20:00	0	65	19	0	3	0	0	0	0	0	0	0	0	87
21:00	2	35	13	0	3	0	0	0	0	0	0	0	0	53
22:00	0	23	3	0	1	0	0	0	0	0	0	0	0	27
23:00	0	16	0	0	1	0	0	0	0	0	0	0	0	17
Totals	**33**	**3151**	**970**	**21**	**319**	**7**		**5**	**4**					**4510**
% of Totals	1%	70%	22%	0%	7%	0%		0%	0%					100%

AM Volumes	15	1456	472	11	173	3	0	3	3	0	0	0	0	2136
% AM	0%	32%	10%	0%	4%	0%		0%	0%					47%
AM Peak Hour	06:00	08:00	08:00	06:00	07:00	02:00		07:00	10:00					08:00
Volume	4	344	107	2	42	1		1	2					479
PM Volumes	18	1695	498	10	146	4	0	2	1	0	0	0	0	2374
% PM	0%	38%	11%	0%	3%	0%		0%	0%					53%
PM Peak Hour	15:00	15:00	15:00	12:00	15:00	15:00		12:00	16:00					15:00
Volume	4	257	89	2	28	2		1	1					380

Directional Peak Periods	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	883	20%	661	15%	539	12%	2427	54%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Project Dwy & E Bennett Rd

Day: Tuesday
Date: 9/10/2019

City: Grass Valley
Project #: CA19_7288_001s

South Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	7	0	0	0	0	0	0	0	0	0	0	0	7
01:00	0	6	0	0	0	0	0	0	0	0	0	0	0	6
02:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
03:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
04:00	0	5	0	0	0	0	0	0	0	0	0	0	0	5
05:00	0	23	31	0	10	0	0	0	0	0	0	0	0	64
06:00	0	51	14	0	2	0	0	0	0	0	0	0	0	67
07:00	1	95	48	0	16	1	0	0	0	0	0	0	0	161
08:00	2	184	53	1	18	1	0	0	0	0	0	0	0	259
09:00	4	186	64	2	12	0	0	1	0	0	0	0	0	269
10:00	0	180	51	3	9	2	0	0	0	0	0	0	0	245
11:00	4	219	71	4	14	0	0	1	0	0	0	0	0	313
12:00 PM	1	235	67	2	10	1	0	0	1	0	0	0	0	317
13:00	3	229	58	0	17	0	0	0	0	0	0	0	0	307
14:00	2	245	99	0	19	1	0	1	0	0	0	0	0	367
15:00	1	321	109	1	15	0	0	0	1	0	0	0	0	448
16:00	2	320	100	3	15	1	0	0	0	0	0	0	0	441
17:00	3	376	81	0	8	0	0	1	0	0	0	0	0	469
18:00	1	229	52	0	2	1	0	0	0	0	0	0	0	285
19:00	0	167	45	0	5	0	0	0	0	0	0	0	0	217
20:00	1	113	32	0	1	0	0	0	0	0	0	0	0	147
21:00	0	77	23	0	1	0	0	0	0	0	0	0	0	101
22:00	0	35	10	0	0	0	0	0	0	0	0	0	0	45
23:00	0	24	1	0	0	0	0	0	0	0	0	0	0	25
Totals	**25**	**3332**	**1011**	**16**	**174**	**8**		**4**	**2**					**4572**
% of Totals	1%	73%	22%	0%	4%	0%		0%	0%					100%

AM Volumes	11	961	334	10	81	4	0	2	0	0	0	0	0	1403
% AM	0%	21%	7%	0%	2%	0%		0%						31%
AM Peak Hour	09:00	11:00	11:00	11:00	08:00	10:00		09:00						11:00
Volume	4	219	71	4	18	2		1						313
PM Volumes	14	2371	677	6	93	4	0	2	2	0	0	0	0	3169
% PM	0%	52%	15%	0%	2%	0%		0%	0%					69%
PM Peak Hour	13:00	17:00	15:00	16:00	14:00	12:00		14:00	12:00					17:00
Volume	3	376	109	3	19	1		1	1					469

Directional Peak Periods	**AM 7-9**		**NOON 12-2**		**PM 4-6**		**Off Peak Volumes**	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	420	9%	624	14%	910	20%	2618	57%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Project Dwy & E Bennett Rd

Day: Tuesday
Date: 9/10/2019

City: Grass Valley
Project #: CA19_7288_001

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	11	1	0	0	0	0	0	0	0	0	0	0	12
01:00	0	9	0	0	0	0	0	0	0	0	0	0	0	9
02:00	0	4	1	0	0	1	0	0	0	0	0	0	0	6
03:00	0	10	3	0	0	0	0	0	0	0	0	0	0	13
04:00	0	15	8	0	2	0	0	0	0	0	0	0	0	25
05:00	0	49	54	0	18	0	0	0	0	0	0	0	0	121
06:00	4	175	65	2	28	0	0	0	0	0	0	0	0	274
07:00	3	367	133	2	58	1	0	1	0	0	0	0	0	565
08:00	3	528	160	3	43	1	0	0	0	0	0	0	0	738
09:00	7	429	127	4	37	1	0	2	0	0	0	0	0	607
10:00	2	384	108	5	34	3	0	1	2	0	0	0	0	539
11:00	7	436	146	5	34	0	0	1	1	0	0	0	0	630
12:00 PM	3	465	140	4	28	2	0	1	1	0	0	0	0	644
13:00	6	480	111	2	42	0	0	0	0	0	0	0	0	641
14:00	4	451	159	1	36	1	0	2	0	0	0	0	0	654
15:00	5	578	198	1	43	2	0	0	1	0	0	0	0	828
16:00	5	523	183	4	38	1	0	0	1	0	0	0	0	755
17:00	5	531	130	1	25	1	0	1	0	0	0	0	0	694
18:00	1	365	94	2	9	1	0	0	0	0	0	0	0	472
19:00	0	285	59	1	8	0	0	0	0	0	0	0	0	353
20:00	1	178	51	0	4	0	0	0	0	0	0	0	0	234
21:00	2	112	36	0	4	0	0	0	0	0	0	0	0	154
22:00	0	58	13	0	1	0	0	0	0	0	0	0	0	72
23:00	0	40	1	0	1	0	0	0	0	0	0	0	0	42
Totals	**58**	**6483**	**1981**	**37**	**493**	**15**		**9**	**6**					**9082**
% of Totals	1%	71%	22%	0%	5%	0%		0%	0%					100%

AM Volumes	26	2417	806	21	254	7	0	5	3	0	0	0	0	3539
% AM	0%	27%	9%	0%	3%	0%		0%	0%					39%
AM Peak Hour	09:00	08:00	08:00	10:00	07:00	10:00		09:00	10:00					08:00
Volume	7	528	160	5	58	3		2	2					738
PM Volumes	32	4066	1175	16	239	8	0	4	3	0	0	0	0	5543
% PM	0%	45%	13%	0%	3%	0%		0%	0%					61%
PM Peak Hour	13:00	15:00	15:00	12:00	15:00	12:00		14:00	12:00					15:00
Volume	6	578	198	4	43	2		2	1					828

Directional Peak Periods	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	1303	14%	1285	14%	1449	16%	5045	56%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Brunswick Rd Bet. E Bennett Rd & Whispering Pines Ln

Day: Wednesday
Date: 9/4/2019

City: Grass Valley
Project #: CA19_7288_002

DAILY TOTALS	NB	SB	EB	WB	Total
	7,860	7,742	0	0	15,602

AM Period	NB		SB		EB	WB	TOTAL		PM Period	NB		SB		EB	WB	TOTAL	
00:00	7		4		0	0	11		**12:00**	161		150		0	0	311	
00:15	4		7		0	0	11		**12:15**	131		168		0	0	299	
00:30	3		7		0	0	10		**12:30**	147		150		0	0	297	
00:45	2	16	3	21	0	0	5	37	**12:45**	150	589	168	636	0	0	318	1225
01:00	3		5		0	0	8		**13:00**	150		132		0	0	282	
01:15	4		3		0	0	7		**13:15**	133		146		0	0	279	
01:30	2		2		0	0	4		**13:30**	146		157		0	0	303	
01:45	1	10	2	12	0	0	3	22	**13:45**	137	566	158	593	0	0	295	1159
02:00	2		4		0	0	6		**14:00**	143		157		0	0	300	
02:15	1		2		0	0	3		**14:15**	142		134		0	0	276	
02:30	1		3		0	0	4		**14:30**	129		141		0	0	270	
02:45	3	7	3	12	0	0	6	19	**14:45**	165	579	167	599	0	0	332	1178
03:00	2		0		0	0	2		**15:00**	126		173		0	0	299	
03:15	1		0		0	0	1		**15:15**	163		149		0	0	312	
03:30	2		4		0	0	6		**15:30**	204		168		0	0	372	
03:45	6	11	7	11	0	0	13	22	**15:45**	175	668	160	650	0	0	335	1318
04:00	3		4		0	0	7		**16:00**	155		157		0	0	312	
04:15	6		12		0	0	18		**16:15**	154		147		0	0	301	
04:30	8		18		0	0	26		**16:30**	176		197		0	0	373	
04:45	11	28	6	40	0	0	17	68	**16:45**	173	658	166	667	0	0	339	1325
05:00	29		19		0	0	48		**17:00**	179		196		0	0	375	
05:15	18		32		0	0	50		**17:15**	138		164		0	0	302	
05:30	25		30		0	0	55		**17:30**	108		126		0	0	234	
05:45	46	118	55	136	0	0	101	254	**17:45**	125	550	119	605	0	0	244	1155
06:00	42		35		0	0	77		**18:00**	102		118		0	0	220	
06:15	62		31		0	0	93		**18:15**	84		122		0	0	206	
06:30	73		63		0	0	136		**18:30**	79		117		0	0	196	
06:45	102	279	98	227	0	0	200	506	**18:45**	71	336	91	448	0	0	162	784
07:00	88		79		0	0	167		**19:00**	67		91		0	0	158	
07:15	131		89		0	0	220		**19:15**	51		79		0	0	130	
07:30	175		98		0	0	273		**19:30**	49		77		0	0	126	
07:45	185	579	111	377	0	0	296	956	**19:45**	40	207	58	305	0	0	98	512
08:00	166		126		0	0	292		**20:00**	45		55		0	0	100	
08:15	160		127		0	0	287		**20:15**	45		70		0	0	115	
08:30	164		120		0	0	284		**20:30**	35		52		0	0	87	
08:45	161	651	117	490	0	0	278	1141	**20:45**	20	145	51	228	0	0	71	373
09:00	152		114		0	0	266		**21:00**	19		44		0	0	63	
09:15	140		114		0	0	254		**21:15**	35		41		0	0	76	
09:30	156		111		0	0	267		**21:30**	19		30		0	0	49	
09:45	162	610	125	464	0	0	287	1074	**21:45**	13	86	23	138	0	0	36	224
10:00	115		103		0	0	218		**22:00**	23		30		0	0	53	
10:15	147		107		0	0	254		**22:15**	11		27		0	0	38	
10:30	123		109		0	0	232		**22:30**	10		11		0	0	21	
10:45	131	516	114	433	0	0	245	949	**22:45**	11	55	12	80	0	0	23	135
11:00	144		142		0	0	286		**23:00**	8		8		0	0	16	
11:15	151		138		0	0	289		**23:15**	10		8		0	0	18	
11:30	126		125		0	0	251		**23:30**	2		6		0	0	8	
11:45	148	569	138	543	0	0	286	1112	**23:45**	7	27	5	27	0	0	12	54
TOTALS		3394		2766				**6160**	**TOTALS**		4466		4976				**9442**
SPLIT %		55.1%		44.9%				**39.5%**	**SPLIT %**		47.3%		52.7%				**60.5%**

DAILY TOTALS	NB	SB	EB	WB	Total
	7,860	7,742	0	0	15,602

AM Peak Hour	07:30	11:45					**11:45**	**PM Peak Hour**	15:15	16:30					**16:30**
AM Pk Volume	686	606					**1193**	**PM Pk Volume**	697	723					**1389**
Pk Hr Factor	0.927	0.902					**0.959**	**Pk Hr Factor**	0.854	0.918					**0.926**
7 - 9 Volume	1230	867	0	0			**2097**	**4 - 6 Volume**	1208	1272	0	0			**2480**
7 - 9 Peak Hour	07:30	08:00					**07:45**	**4 - 6 Peak Hour**	16:15	16:30					**16:30**
7 - 9 Pk Volume	686	490	0	0			**1159**	**4 - 6 Pk Volume**	682	723	0	0			**1389**
Pk Hr Factor	0.927	0.965	0.000	0.000			**0.979**	**Pk Hr Factor**	0.953	0.918	0.000	0.000			**0.926**

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. E Bennett Rd & Whispering Pines Ln

Day: Wednesday
Date: 9/4/2019

City: Grass Valley
Project #: CA19_7288_002n

North Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	12	4	0	0	0	0	0	0	0	0	0	0	16
01:00	0	9	1	0	0	0	0	0	0	0	0	0	0	10
02:00	0	6	0	0	1	0	0	0	0	0	0	0	0	7
03:00	0	9	2	0	0	0	0	0	0	0	0	0	0	11
04:00	0	15	7	0	6	0	0	0	0	0	0	0	0	28
05:00	0	54	33	0	19	9	1	0	2	0	0	0	0	118
06:00	0	141	81	2	45	5	0	1	1	0	3	0	0	279
07:00	1	355	147	3	65	0	0	2	3	0	3	0	0	579
08:00	0	408	168	5	60	3	0	3	3	0	1	0	0	651
09:00	1	389	159	3	50	3	0	1	2	0	2	0	0	610
10:00	0	326	140	2	43	3	0	1	0	0	1	0	0	516
11:00	1	363	145	4	48	5	0	0	3	0	0	0	0	569
12:00 PM	1	396	143	4	34	0	0	3	6	0	2	0	0	589
13:00	1	365	153	3	37	1	0	2	4	0	0	0	0	566
14:00	1	359	160	4	40	7	0	5	2	0	1	0	0	579
15:00	1	441	169	2	48	2	0	1	3	0	1	0	0	668
16:00	2	456	155	1	38	2	0	3	0	0	1	0	0	658
17:00	1	378	136	0	29	3	0	3	0	0	0	0	0	550
18:00	0	238	73	2	19	2	0	0	1	0	1	0	0	336
19:00	0	138	52	0	13	3	0	0	1	0	0	0	0	207
20:00	0	95	40	0	8	2	0	0	0	0	0	0	0	145
21:00	0	60	14	0	8	3	0	0	0	0	1	0	0	86
22:00	0	38	12	0	3	1	0	1	0	0	0	0	0	55
23:00	0	19	8	0	0	0	0	0	0	0	0	0	0	27
Totals	**10**	**5070**	**2002**	**35**	**614**	**54**	**1**	**26**	**31**		**17**			**7860**
% of Totals	0%	65%	25%	0%	8%	1%	0%	0%	0%		0%			100%

AM Volumes	3	2087	887	19	337	28	1	8	14	0	10	0	0	3394
% AM	0%	27%	11%	0%	4%	0%	0%	0%	0%		0%			43%
AM Peak Hour	07:00	08:00	08:00	08:00	07:00	05:00	05:00	08:00	07:00		06:00			08:00
Volume	1	408	168	5	65	9	1	3	3		3			651
PM Volumes	7	2983	1115	16	277	26	0	18	17	0	7	0	0	4466
% PM	0%	38%	14%	0%	4%	0%		0%	0%		0%			57%
PM Peak Hour	16:00	16:00	15:00	12:00	15:00	14:00		14:00	12:00		12:00			15:00
Volume	2	456	169	4	48	7		5	6		2			668

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	1230		16%	1155		15%	1208		15%	4267		54%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. E Bennett Rd & Whispering Pines Ln

Day: Wednesday
Date: 9/4/2019

City: Grass Valley
Project #: CA19_7288_002s

South Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	17	3	0	1	0	0	0	0	0	0	0	0	21
01:00	0	10	2	0	0	0	0	0	0	0	0	0	0	12
02:00	0	8	3	0	1	0	0	0	0	0	0	0	0	12
03:00	0	5	3	0	1	0	0	0	0	0	2	0	0	11
04:00	0	25	14	0	1	0	0	0	0	0	0	0	0	40
05:00	0	54	54	1	26	0	0	0	1	0	0	0	0	136
06:00	1	132	65	1	22	1	0	1	2	0	2	0	0	227
07:00	0	233	103	3	32	2	0	4	0	0	0	0	0	377
08:00	0	311	128	4	44	0	0	3	0	0	0	0	0	490
09:00	0	301	131	1	27	3	0	1	0	0	0	0	0	464
10:00	2	291	94	3	39	0	0	2	0	0	2	0	0	433
11:00	1	346	148	5	38	1	0	2	1	0	1	0	0	543
12:00 PM	0	415	163	2	51	1	0	3	1	0	0	0	0	636
13:00	0	391	148	3	45	0	0	6	0	0	0	0	0	593
14:00	0	400	143	4	46	1	0	4	1	0	0	0	0	599
15:00	1	427	154	5	52	7	0	3	0	0	1	0	0	650
16:00	0	444	164	1	53	1	0	3	1	0	0	0	0	667
17:00	0	449	130	0	25	0	0	1	0	0	0	0	0	605
18:00	0	338	93	0	16	0	0	1	0	0	0	0	0	448
19:00	0	232	57	1	13	1	0	1	0	0	0	0	0	305
20:00	0	165	44	0	18	1	0	0	0	0	0	0	0	228
21:00	0	98	32	0	7	0	0	1	0	0	0	0	0	138
22:00	0	55	20	0	2	2	0	1	0	0	0	0	0	80
23:00	0	19	7	1	0	0	0	0	0	0	0	0	0	27
Totals	**5**	**5166**	**1903**	**35**	**560**	**21**		**37**	**7**		**8**			**7742**
% of Totals	0%	67%	25%	0%	7%	0%		0%	0%		0%			100%

AM Volumes	4	1733	748	18	232	7	0	13	4	0	7	0	0	2766
% AM	0%	22%	10%	0%	3%	0%		0%	0%		0%			36%
AM Peak Hour	10:00	11:00	11:00	11:00	08:00	09:00		07:00	06:00		03:00			11:00
Volume	2	346	148	5	44	3		4	2		2			543
PM Volumes	1	3433	1155	17	328	14	0	24	3	0	1	0	0	4976
% PM	0%	44%	15%	0%	4%	0%		0%	0%		0%			64%
PM Peak Hour	15:00	17:00	16:00	15:00	16:00	15:00		13:00	12:00		15:00			16:00
Volume	1	449	164	5	53	7		6	1		1			667

Directional Peak Periods All Classes	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
	Volume	%	Volume	%	Volume	%	Volume	%
	867	11%	1229	16%	1272	16%	4374	56%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. E Bennett Rd & Whispering Pines Ln

Day: Wednesday
Date: 9/4/2019

City: Grass Valley
Project #: CA19_7288_002

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	29	7	0	1	0	0	0	0	0	0	0	0	**37**
01:00	0	19	3	0	0	0	0	0	0	0	0	0	0	**22**
02:00	0	14	3	0	2	0	0	0	0	0	0	0	0	**19**
03:00	0	14	5	0	1	0	0	0	0	0	2	0	0	**22**
04:00	0	40	21	0	7	0	0	0	0	0	0	0	0	**68**
05:00	0	108	87	1	45	9	1	0	3	0	0	0	0	**254**
06:00	1	273	146	3	67	6	0	2	3	0	5	0	0	**506**
07:00	1	588	250	6	97	2	0	6	3	0	3	0	0	**956**
08:00	0	719	296	9	104	3	0	6	3	0	1	0	0	**1141**
09:00	1	690	290	4	77	6	0	2	2	0	2	0	0	**1074**
10:00	2	617	234	5	82	3	0	3	0	0	3	0	0	**949**
11:00	2	709	293	9	86	6	0	2	4	0	1	0	0	**1112**
12:00 PM	1	811	306	6	85	1	0	6	7	0	2	0	0	**1225**
13:00	1	756	301	6	82	1	0	8	4	0	0	0	0	**1159**
14:00	1	759	303	8	86	8	0	9	3	0	1	0	0	**1178**
15:00	2	868	323	7	100	9	0	4	3	0	2	0	0	**1318**
16:00	2	900	319	2	91	3	0	6	1	0	1	0	0	**1325**
17:00	1	827	266	0	54	3	0	4	0	0	0	0	0	**1155**
18:00	0	576	166	2	35	2	0	1	1	0	1	0	0	**784**
19:00	0	370	109	1	26	4	0	1	1	0	0	0	0	**512**
20:00	0	260	84	0	26	3	0	0	0	0	0	0	0	**373**
21:00	0	158	46	0	15	3	0	1	0	0	1	0	0	**224**
22:00	0	93	32	0	5	3	0	2	0	0	0	0	0	**135**
23:00	0	38	15	1	0	0	0	0	0	0	0	0	0	**54**
Totals	**15**	**10236**	**3905**	**70**	**1174**	**75**	**1**	**63**	**38**		**25**			**15602**
% of Totals	0%	66%	25%	0%	8%	0%	0%	0%	0%		0%			100%

AM Volumes	7	3820	1635	37	569	35	1	21	18	0	17	0	0	6160
% AM	0%	24%	10%	0%	4%	0%	0%	0%	0%		0%			39%
AM Peak Hour	10:00	08:00	08:00	08:00	08:00	05:00	05:00	07:00	11:00		06:00			08:00
Volume	2	719	296	9	104	9	1	6	4		5			1141
PM Volumes	8	6416	2270	33	605	40	0	42	20	0	8	0	0	9442
% PM	0%	41%	15%	0%	4%	0%		0%	0%		0%			61%
PM Peak Hour	15:00	16:00	15:00	14:00	15:00	15:00		14:00	12:00		12:00			16:00
Volume	2	900	323	8	100	9		9	7		2			1325

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	2097		13%	2384		15%	2480		16%	8641		55%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Brunswick Rd Bet. E Bennett Rd & Whispering Pines Ln

Day: Thursday
Date: 9/5/2019

City: Grass Valley
Project #: CA19_7288_002

DAILY TOTALS	NB	SB	EB	WB	Total
	7,952	7,670	0	0	15,622

AM Period	NB		SB		EB	WB	TOTAL		PM Period	NB		SB		EB	WB	TOTAL	
00:00	7		8		0	0	15		**12:00**	146		125		0	0	271	
00:15	3		11		0	0	14		**12:15**	116		150		0	0	266	
00:30	2		4		0	0	6		**12:30**	138		153		0	0	291	
00:45	2	14	3	26	0	0	5	40	**12:45**	136	536	141	569	0	0	277	1105
01:00	2		2		0	0	4		**13:00**	127		140		0	0	267	
01:15	3		1		0	0	4		**13:15**	141		135		0	0	276	
01:30	0		2		0	0	2		**13:30**	150		145		0	0	295	
01:45	5	10	3	8	0	0	8	18	**13:45**	128	546	145	565	0	0	273	1111
02:00	1		4		0	0	5		**14:00**	144		127		0	0	271	
02:15	0		2		0	0	2		**14:15**	157		145		0	0	302	
02:30	1		2		0	0	3		**14:30**	139		146		0	0	285	
02:45	1	3	2	10	0	0	3	13	**14:45**	152	592	174	592	0	0	326	1184
03:00	5		3		0	0	8		**15:00**	146		135		0	0	281	
03:15	3		3		0	0	6		**15:15**	174		152		0	0	326	
03:30	2		1		0	0	3		**15:30**	193		161		0	0	354	
03:45	4	14	5	12	0	0	9	26	**15:45**	172	685	160	608	0	0	332	1293
04:00	1		7		0	0	8		**16:00**	188		147		0	0	335	
04:15	7		12		0	0	19		**16:15**	150		170		0	0	320	
04:30	6		15		0	0	21		**16:30**	210		191		0	0	401	
04:45	11	25	6	40	0	0	17	65	**16:45**	171	719	192	700	0	0	363	1419
05:00	28		18		0	0	46		**17:00**	175		187		0	0	362	
05:15	20		23		0	0	43		**17:15**	151		181		0	0	332	
05:30	24		34		0	0	58		**17:30**	111		150		0	0	261	
05:45	40	112	53	128	0	0	93	240	**17:45**	104	541	131	649	0	0	235	1190
06:00	35		30		0	0	65		**18:00**	108		83		0	0	191	
06:15	51		38		0	0	89		**18:15**	77		88		0	0	165	
06:30	66		59		0	0	125		**18:30**	83		108		0	0	191	
06:45	89	241	113	240	0	0	202	481	**18:45**	94	362	112	391	0	0	206	753
07:00	105		73		0	0	178		**19:00**	56		100		0	0	156	
07:15	129		67		0	0	196		**19:15**	51		108		0	0	159	
07:30	173		99		0	0	272		**19:30**	59		66		0	0	125	
07:45	206	613	113	352	0	0	319	965	**19:45**	54	220	62	336	0	0	116	556
08:00	176		138		0	0	314		**20:00**	42		60		0	0	102	
08:15	187		132		0	0	319		**20:15**	49		86		0	0	135	
08:30	149		138		0	0	287		**20:30**	40		72		0	0	112	
08:45	204	716	115	523	0	0	319	1239	**20:45**	29	160	49	267	0	0	78	427
09:00	162		101		0	0	263		**21:00**	25		43		0	0	68	
09:15	141		109		0	0	250		**21:15**	22		31		0	0	53	
09:30	130		118		0	0	248		**21:30**	31		33		0	0	64	
09:45	132	565	128	456	0	0	260	1021	**21:45**	25	103	29	136	0	0	54	239
10:00	126		88		0	0	214		**22:00**	9		24		0	0	33	
10:15	124		96		0	0	220		**22:15**	10		19		0	0	29	
10:30	138		116		0	0	254		**22:30**	14		23		0	0	37	
10:45	136	524	121	421	0	0	257	945	**22:45**	22	55	14	80	0	0	36	135
11:00	120		122		0	0	242		**23:00**	12		6		0	0	18	
11:15	169		134		0	0	303		**23:15**	7		10		0	0	17	
11:30	132		134		0	0	266		**23:30**	10		10		0	0	20	
11:45	140	561	132	522	0	0	272	1083	**23:45**	6	35	13	39	0	0	19	74
TOTALS		3398		2738				**6136**	**TOTALS**		4554		4932				**9486**
SPLIT %		55.4%		44.6%				**39.3%**	**SPLIT %**		48.0%		52.0%				**60.7%**

DAILY TOTALS	NB	SB	EB	WB	Total
	7,952	7,670	0	0	15,622

AM Peak Hour	07:30	11:45					**07:45**	**PM Peak Hour**	15:15	16:30					**16:30**
AM Pk Volume	742	560					**1239**	**PM Pk Volume**	727	751					**1458**
Pk Hr Factor	0.900	0.915					**0.971**	**Pk Hr Factor**	0.942	0.978					**0.909**
7 - 9 Volume	1329	875	0	0			**2204**	**4 - 6 Volume**	1260	1349	0	0			**2609**
7 - 9 Peak Hour	07:30	08:00					**07:45**	**4 - 6 Peak Hour**	16:00	16:30					**16:30**
7 - 9 Pk Volume	742	523	0	0			**1239**	**4 - 6 Pk Volume**	719	751	0	0			**1458**
Pk Hr Factor	0.900	0.947	0.000	0.000			**0.971**	**Pk Hr Factor**	0.856	0.978	0.000	0.000			**0.909**

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. E Bennett Rd & Whispering Pines Ln

Day: Thursday
Date: 9/5/2019

City: Grass Valley
Project #: CA19_7288_002n

North Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	12	2	0	0	0	0	0	0	0	0	0	0	14
01:00	0	10	0	0	0	0	0	0	0	0	0	0	0	10
02:00	0	1	0	0	2	0	0	0	0	0	0	0	0	3
03:00	0	10	4	0	0	0	0	0	0	0	0	0	0	14
04:00	0	17	6	0	2	0	0	0	0	0	0	0	0	25
05:00	0	52	30	0	16	13	0	0	1	0	0	0	0	112
06:00	1	129	70	2	31	5	0	1	0	0	2	0	0	241
07:00	1	369	163	5	61	4	0	3	3	0	4	0	0	613
08:00	1	470	169	3	64	5	0	2	1	0	0	1	0	716
09:00	0	345	165	2	45	4	0	0	2	0	2	0	0	565
10:00	1	330	137	3	47	0	0	1	4	0	1	0	0	524
11:00	0	357	157	0	39	3	0	2	1	0	2	0	0	561
12:00 PM	0	343	151	3	35	0	0	2	1	0	1	0	0	536
13:00	0	352	136	2	42	5	0	5	3	0	1	0	0	546
14:00	0	371	159	1	55	2	0	2	1	0	1	0	0	592
15:00	1	414	202	1	61	1	0	5	0	0	0	0	0	685
16:00	0	437	215	2	57	4	0	4	0	0	0	0	0	719
17:00	0	332	165	1	42	0	0	1	0	0	0	0	0	541
18:00	0	245	89	0	25	3	0	0	0	0	0	0	0	362
19:00	0	159	50	1	8	2	0	0	0	0	0	0	0	220
20:00	0	108	41	0	9	2	0	0	0	0	0	0	0	160
21:00	0	76	20	0	4	1	0	1	0	0	1	0	0	103
22:00	0	42	10	0	2	0	0	1	0	0	0	0	0	55
23:00	0	22	10	0	3	0	0	0	0	0	0	0	0	35
Totals	**5**	**5003**	**2151**	**26**	**650**	**54**		**30**	**17**		**15**	**1**		**7952**
% of Totals	0%	63%	27%	0%	8%	1%		0%	0%		0%	0%		100%

AM Volumes	4	2102	903	15	307	34	0	9	12	0	11	1	0	3398
% AM	0%	26%	11%	0%	4%	0%		0%	0%		0%	0%		43%
AM Peak Hour	06:00	08:00	08:00	07:00	08:00	05:00		07:00	10:00		07:00	08:00		08:00
Volume	1	470	169	5	64	13		3	4		4	1		716
PM Volumes	1	2901	1248	11	343	20	0	21	5	0	4	0	0	4554
% PM	0%	36%	16%	0%	4%	0%		0%	0%		0%			57%
PM Peak Hour	15:00	16:00	16:00	12:00	15:00	13:00		13:00	13:00		12:00			16:00
Volume	1	437	215	3	61	5		5	3		1			719

Directional Peak Periods All Classes	AM 7-9 Volume	AM 7-9 %	NOON 12-2 Volume	NOON 12-2 %	PM 4-6 Volume	PM 4-6 %	Off Peak Volumes Volume	Off Peak Volumes %
	1329	17%	1082	14%	1260	16%	4281	54%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. E Bennett Rd & Whispering Pines Ln

Day: Thursday
Date: 9/5/2019

City: Grass Valley
Project #: CA19_7288_002s

South Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	21	5	0	0	0	0	0	0	0	0	0	0	26
01:00	0	8	0	0	0	0	0	0	0	0	0	0	0	8
02:00	0	7	3	0	0	0	0	0	0	0	0	0	0	10
03:00	0	6	5	0	0	0	0	0	0	0	1	0	0	12
04:00	0	24	14	0	2	0	0	0	0	0	0	0	0	40
05:00	0	61	47	1	17	0	0	0	1	0	0	1	0	128
06:00	0	128	77	1	28	1	0	2	1	0	2	0	0	240
07:00	0	205	108	2	31	2	0	1	2	0	0	1	0	352
08:00	0	328	140	3	45	2	0	2	3	0	0	0	0	523
09:00	0	296	119	1	36	1	0	2	1	0	0	0	0	456
10:00	0	264	123	3	27	0	1	1	1	0	1	0	0	421
11:00	1	340	151	1	25	2	0	1	0	0	1	0	0	522
12:00 PM	0	386	137	3	38	2	0	2	1	0	0	0	0	569
13:00	0	360	144	3	53	1	0	3	0	0	1	0	0	565
14:00	0	371	161	2	54	3	0	1	0	0	0	0	0	592
15:00	0	402	143	1	57	2	0	3	0	0	0	0	0	608
16:00	0	464	184	4	42	3	0	2	1	0	0	0	0	700
17:00	1	483	139	1	25	0	0	0	0	0	0	0	0	649
18:00	0	292	75	0	22	1	0	1	0	0	0	0	0	391
19:00	0	249	65	0	21	1	0	0	0	0	0	0	0	336
20:00	0	202	56	0	7	0	0	2	0	0	0	0	0	267
21:00	0	112	18	3	2	0	0	1	0	0	0	0	0	136
22:00	0	58	18	0	2	1	0	1	0	0	0	0	0	80
23:00	0	33	5	0	0	0	0	1	0	0	0	0	0	39
Totals	**2**	**5100**	**1937**	**29**	**534**	**22**	**1**	**26**	**11**		**6**	**2**		**7670**
% of Totals	0%	66%	25%	0%	7%	0%	0%	0%	0%		0%	0%		100%

AM Volumes	1	1688	792	12	211	8	1	9	9	0	5	2	0	2738
% AM	0%	22%	10%	0%	3%	0%	0%	0%	0%		0%	0%		36%
AM Peak Hour	11:00	11:00	11:00	08:00	08:00	07:00	10:00	06:00	08:00		06:00	05:00		08:00
Volume	1	340	151	3	45	2	1	2	3		2	1		523
PM Volumes	1	3412	1145	17	323	14	0	17	2	0	1	0	0	4932
% PM	0%	44%	15%	0%	4%	0%		0%	0%		0%			64%
PM Peak Hour	17:00	17:00	16:00	16:00	15:00	14:00		13:00	12:00		13:00			16:00
Volume	1	483	184	4	57	3		3	1		1			700

Directional Peak Periods	**AM 7-9**		**NOON 12-2**		**PM 4-6**		**Off Peak Volumes**	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	875	11%	1134	15%	1349	18%	4312	56%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. E Bennett Rd & Whispering Pines Ln

Day: Thursday
Date: 9/5/2019

City: Grass Valley
Project #: CA19_7288_002

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	33	7	0	0	0	0	0	0	0	0	0	0	40
01:00	0	18	0	0	0	0	0	0	0	0	0	0	0	18
02:00	0	8	3	0	2	0	0	0	0	0	0	0	0	13
03:00	0	16	9	0	0	0	0	0	0	0	1	0	0	26
04:00	0	41	20	0	4	0	0	0	0	0	0	0	0	65
05:00	0	113	77	1	33	13	0	0	2	0	0	1	0	240
06:00	1	257	147	3	59	6	0	3	1	0	4	0	0	481
07:00	1	574	271	7	92	6	0	4	5	0	4	1	0	965
08:00	1	798	309	6	109	7	0	4	4	0	0	1	0	1239
09:00	0	641	284	3	81	5	0	2	3	0	2	0	0	1021
10:00	1	594	260	6	74	0	1	2	5	0	2	0	0	945
11:00	1	697	308	1	64	5	0	3	1	0	3	0	0	1083
12:00 PM	0	729	288	6	73	2	0	4	2	0	1	0	0	1105
13:00	0	712	280	5	95	6	0	8	3	0	2	0	0	1111
14:00	0	742	320	3	109	5	0	3	1	0	1	0	0	1184
15:00	1	816	345	2	118	3	0	8	0	0	0	0	0	1293
16:00	0	901	399	6	99	7	0	6	1	0	0	0	0	1419
17:00	1	815	304	2	67	0	0	1	0	0	0	0	0	1190
18:00	0	537	164	0	47	4	0	1	0	0	0	0	0	753
19:00	0	408	115	1	29	3	0	0	0	0	0	0	0	556
20:00	0	310	97	0	16	2	0	2	0	0	0	0	0	427
21:00	0	188	38	3	6	1	0	2	0	0	1	0	0	239
22:00	0	100	28	0	4	1	0	2	0	0	0	0	0	135
23:00	0	55	15	0	3	0	0	1	0	0	0	0	0	74
Totals	**7**	**10103**	**4088**	**55**	**1184**	**76**	**1**	**56**	**28**		**21**	**3**		**15622**
% of Totals	0%	65%	26%	0%	8%	0%	0%	0%	0%		0%	0%		100%

AM Volumes	5	3790	1695	27	518	42	1	18	21	0	16	3	0	6136
% AM	0%	24%	11%	0%	3%	0%	0%	0%	0%		0%	0%		39%
AM Peak Hour	06:00	08:00	08:00	07:00	08:00	05:00	10:00	07:00	07:00		06:00	05:00		08:00
Volume	1	798	309	7	109	13	1	4	5		4	1		1239
PM Volumes	2	6313	2393	28	666	34	0	38	7	0	5	0	0	9486
% PM	0%	40%	15%	0%	4%	0%		0%	0%		0%			61%
PM Peak Hour	15:00	16:00	16:00	12:00	15:00	16:00		13:00	13:00		13:00			16:00
Volume	1	901	399	6	118	7		8	3		2			1419

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	2204		14%	2216		14%	2609		17%	8593		55%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Brunswick Rd Bet. E Bennett Rd & Whispering Pines Ln

Day: Friday
Date: 9/6/2019

City: Grass Valley
Project #: CA19_7288_002

DAILY TOTALS	NB	SB	EB	WB	Total
	7,776	7,751	0	0	15,527

AM Period	NB		SB		EB	WB	TOTAL		PM Period	NB		SB		EB	WB	TOTAL	
00:00	6		5		0	0	11		**12:00**	162		150		0	0	312	
00:15	5		3		0	0	8		**12:15**	161		175		0	0	336	
00:30	2		4		0	0	6		**12:30**	144		162		0	0	306	
00:45	1	14	2	14	0	0	3	28	**12:45**	170	637	157	644	0	0	327	1281
01:00	2		7		0	0	9		**13:00**	145		138		0	0	283	
01:15	2		1		0	0	3		**13:15**	133		158		0	0	291	
01:30	1		0		0	0	1		**13:30**	135		153		0	0	288	
01:45	3	8	4	12	0	0	7	20	**13:45**	156	569	145	594	0	0	301	1163
02:00	1		1		0	0	2		**14:00**	141		140		0	0	281	
02:15	0		3		0	0	3		**14:15**	157		151		0	0	308	
02:30	1		1		0	0	2		**14:30**	157		169		0	0	326	
02:45	4	6	3	8	0	0	7	14	**14:45**	165	620	163	623	0	0	328	1243
03:00	0		0		0	0			**15:00**	163		167		0	0	330	
03:15	3		4		0	0	7		**15:15**	162		172		0	0	334	
03:30	2		6		0	0	8		**15:30**	220		171		0	0	391	
03:45	3	8	7	17	0	0	10	25	**15:45**	162	707	163	673	0	0	325	1380
04:00	2		8		0	0	10		**16:00**	173		180		0	0	353	
04:15	2		8		0	0	10		**16:15**	162		165		0	0	327	
04:30	12		17		0	0	29		**16:30**	173		159		0	0	332	
04:45	12	28	7	40	0	0	19	68	**16:45**	140	648	148	652	0	0	288	1300
05:00	24		13		0	0	37		**17:00**	144		178		0	0	322	
05:15	17		18		0	0	35		**17:15**	145		163		0	0	308	
05:30	31		17		0	0	48		**17:30**	104		149		0	0	253	
05:45	31	103	43	91	0	0	74	194	**17:45**	104	497	95	585	0	0	199	1082
06:00	29		23		0	0	52		**18:00**	90		112		0	0	202	
06:15	39		39		0	0	78		**18:15**	85		104		0	0	189	
06:30	70		65		0	0	135		**18:30**	78		106		0	0	184	
06:45	72	210	91	218	0	0	163	428	**18:45**	80	333	87	409	0	0	167	742
07:00	79		73		0	0	152		**19:00**	66		73		0	0	139	
07:15	101		67		0	0	168		**19:15**	54		82		0	0	136	
07:30	141		100		0	0	241		**19:30**	65		85		0	0	150	
07:45	167	488	109	349	0	0	276	837	**19:45**	44	229	61	301	0	0	105	530
08:00	176		128		0	0	304		**20:00**	30		69		0	0	99	
08:15	153		138		0	0	291		**20:15**	36		70		0	0	106	
08:30	156		128		0	0	284		**20:30**	34		56		0	0	90	
08:45	170	655	129	523	0	0	299	1178	**20:45**	21	121	48	243	0	0	69	364
09:00	134		91		0	0	225		**21:00**	24		50		0	0	74	
09:15	128		106		0	0	234		**21:15**	28		32		0	0	60	
09:30	106		107		0	0	213		**21:30**	21		36		0	0	57	
09:45	137	505	135	439	0	0	272	944	**21:45**	26	99	24	142	0	0	50	241
10:00	143		110		0	0	253		**22:00**	25		28		0	0	53	
10:15	143		105		0	0	248		**22:15**	11		29		0	0	40	
10:30	133		106		0	0	239		**22:30**	17		27		0	0	44	
10:45	130	549	142	463	0	0	272	1012	**22:45**	13	66	15	99	0	0	28	165
11:00	154		116		0	0	270		**23:00**	8		16		0	0	24	
11:15	145		143		0	0	288		**23:15**	14		23		0	0	37	
11:30	176		124		0	0	300		**23:30**	5		12		0	0	17	
11:45	170	645	166	549	0	0	336	1194	**23:45**	4	31	12	63	0	0	16	94
TOTALS		3219		2723				**5942**	**TOTALS**		4557		5028				**9585**
SPLIT %		54.2%		45.8%				**38.3%**	**SPLIT %**		47.5%		52.5%				**61.7%**

DAILY TOTALS	NB	SB	EB	WB	Total
	7,776	7,751	0	0	15,527

AM Peak Hour	11:30		11:45					**11:45**	**PM Peak Hour**	15:15		15:15					**15:15**
AM Pk Volume	669		653					**1290**	**PM Pk Volume**	717		686					**1403**
Pk Hr Factor	0.950		0.933					**0.960**	**Pk Hr Factor**	0.815		0.953					**0.897**
7 - 9 Volume	1143		872		0	0		**2015**	**4 - 6 Volume**	1145		1237		0	0		**2382**
7 - 9 Peak Hour	08:00		08:00					**08:00**	**4 - 6 Peak Hour**	16:00		16:00					**16:00**
7 - 9 Pk Volume	655		523		0	0		**1178**	**4 - 6 Pk Volume**	648		652		0	0		**1300**
Pk Hr Factor	0.930		0.947		0.000	0.000		**0.969**	**Pk Hr Factor**	0.936		0.906		0.000	0.000		**0.921**

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. E Bennett Rd & Whispering Pines Ln

Day: Friday
Date: 9/6/2019

City: Grass Valley
Project #: CA19_7288_002n

North Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	11	2	0	1	0	0	0	0	0	0	0	0	14
01:00	0	5	2	0	1	0	0	0	0	0	0	0	0	8
02:00	0	3	2	0	1	0	0	0	0	0	0	0	0	6
03:00	0	5	3	0	0	0	0	0	0	0	0	0	0	8
04:00	0	19	7	0	2	0	0	0	0	0	0	0	0	28
05:00	0	52	26	2	16	7	0	0	0	0	0	0	0	103
06:00	0	95	65	3	44	0	0	1	0	0	2	0	0	210
07:00	1	282	126	2	64	5	1	5	1	0	1	0	0	488
08:00	0	388	182	2	70	8	1	2	1	0	1	0	0	655
09:00	0	295	142	4	59	4	0	1	0	0	0	0	0	505
10:00	0	329	155	3	54	6	0	2	0	0	0	0	0	549
11:00	0	390	165	2	77	6	0	3	1	0	1	0	0	645
12:00 PM	1	404	171	2	44	10	1	3	1	0	0	0	0	637
13:00	0	345	145	3	60	10	2	3	1	0	0	0	0	569
14:00	0	371	180	4	50	9	2	3	1	0	0	0	0	620
15:00	0	416	209	3	65	9	1	3	0	0	1	0	0	707
16:00	0	389	190	4	58	3	0	2	1	0	1	0	0	648
17:00	0	336	123	0	33	2	0	3	0	0	0	0	0	497
18:00	0	210	92	2	25	0	0	4	0	0	0	0	0	333
19:00	0	154	59	0	16	0	0	0	0	0	0	0	0	229
20:00	0	75	35	0	11	0	0	0	0	0	0	0	0	121
21:00	0	70	24	0	3	1	0	0	0	0	1	0	0	99
22:00	0	45	17	0	4	0	0	0	0	0	0	0	0	66
23:00	0	19	7	0	5	0	0	0	0	0	0	0	0	31
Totals	2	4708	2129	36	763	80	8	35	7		8			7776
% of Totals	0%	61%	27%	0%	10%	1%	0%	0%	0%		0%			100%

AM Volumes	1	1874	877	18	389	36	2	14	3	0	5	0	0	3219
% AM	0%	24%	11%	0%	5%	0%	0%	0%	0%		0%			41%
AM Peak Hour	07:00	11:00	08:00	09:00	11:00	08:00	07:00	07:00	07:00		06:00			08:00
Volume	1	390	182	4	77	8	1	5	1		2			655
PM Volumes	1	2834	1252	18	374	44	6	21	4	0	3	0	0	4557
% PM	0%	36%	16%	0%	5%	1%	0%	0%	0%		0%			59%
PM Peak Hour	12:00	15:00	15:00	14:00	15:00	12:00	13:00	18:00	12:00		15:00			15:00
Volume	1	416	209	4	65	10	2	4	1		1			707

Directional Peak Periods All Classes	AM 7-9 Volume	AM 7-9 %	NOON 12-2 Volume	NOON 12-2 %	PM 4-6 Volume	PM 4-6 %	Off Peak Volumes Volume	Off Peak Volumes %
	1143	15%	1206	16%	1145	15%	4282	55%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. E Bennett Rd & Whispering Pines Ln

Day: Friday
Date: 9/6/2019

City: Grass Valley
Project #: CA19_7288_002s

South Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	11	2	0	1	0	0	0	0	0	0	0	0	14
01:00	0	7	5	0	0	0	0	0	0	0	0	0	0	12
02:00	0	5	3	0	0	0	0	0	0	0	0	0	0	8
03:00	0	11	4	0	1	0	0	0	0	0	1	0	0	17
04:00	0	24	14	0	2	0	0	0	0	0	0	0	0	40
05:00	0	40	38	0	10	1	0	0	2	0	0	0	0	91
06:00	0	116	80	0	18	2	0	1	1	0	0	0	0	218
07:00	0	230	94	3	20	0	0	0	1	0	1	0	0	349
08:00	0	360	116	4	39	3	0	1	0	0	0	0	0	523
09:00	0	285	123	3	25	0	0	1	1	0	1	0	0	439
10:00	0	284	136	1	36	3	0	3	0	0	0	0	0	463
11:00	0	346	155	2	40	2	0	4	0	0	0	0	0	549
12:00 PM	0	420	169	2	43	1	0	8	1	0	0	0	0	644
13:00	0	415	130	1	42	2	0	4	0	0	0	0	0	594
14:00	0	394	167	4	52	4	1	0	1	0	0	0	0	623
15:00	0	449	148	2	69	3	0	2	0	0	0	0	0	673
16:00	0	435	164	3	45	4	0	1	0	0	0	0	0	652
17:00	0	424	125	0	35	0	0	0	1	0	0	0	0	585
18:00	0	307	83	0	18	1	0	0	0	0	0	0	0	409
19:00	0	229	59	0	13	0	0	0	0	0	0	0	0	301
20:00	0	195	38	1	9	0	0	0	0	0	0	0	0	243
21:00	0	110	27	1	2	0	0	2	0	0	0	0	0	142
22:00	0	79	17	0	2	0	0	1	0	0	0	0	0	99
23:00	0	51	12	0	0	0	0	0	0	0	0	0	0	63
Totals		5227	1909	27	522	26	1	28	8		3			7751
% of Totals		67%	25%	0%	7%	0%	0%	0%	0%		0%			100%

AM Volumes	0	1719	770	13	192	11	0	10	5	0	3	0	0	2723
% AM		22%	10%	0%	2%	0%		0%	0%		0%			35%
AM Peak Hour		08:00	11:00	08:00	11:00	08:00		11:00	05:00		03:00			11:00
Volume		360	155	4	40	3		4	2		1			549
PM Volumes	0	3508	1139	14	330	15	1	18	3	0	0	0	0	5028
% PM		45%	15%	0%	4%	0%	0%	0%	0%					65%
PM Peak Hour		15:00	12:00	14:00	15:00	14:00	14:00	12:00	12:00					15:00
Volume		449	169	4	69	4	1	8	1					673

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	872		11%	1238		16%	1237		16%	4404		57%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. E Bennett Rd & Whispering Pines Ln

Day: Friday
Date: 9/6/2019

City: Grass Valley
Project #: CA19_7288_002

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	22	4	0	2	0	0	0	0	0	0	0	0	28
01:00	0	12	7	0	1	0	0	0	0	0	0	0	0	20
02:00	0	8	5	0	1	0	0	0	0	0	0	0	0	14
03:00	0	16	7	0	1	0	0	0	0	0	1	0	0	25
04:00	0	43	21	0	4	0	0	0	0	0	0	0	0	68
05:00	0	92	64	2	26	8	0	0	2	0	0	0	0	194
06:00	0	211	145	3	62	2	0	2	1	0	2	0	0	428
07:00	1	512	220	5	84	5	1	5	2	0	2	0	0	837
08:00	0	748	298	6	109	11	1	3	1	0	1	0	0	1178
09:00	0	580	265	7	84	4	0	2	1	0	1	0	0	944
10:00	0	613	291	4	90	9	0	5	0	0	0	0	0	1012
11:00	0	736	320	4	117	8	0	7	1	0	1	0	0	1194
12:00 PM	1	824	340	4	87	11	1	11	2	0	0	0	0	1281
13:00	0	760	275	4	102	12	2	7	1	0	0	0	0	1163
14:00	0	765	347	8	102	13	3	3	2	0	0	0	0	1243
15:00	0	865	357	5	134	12	1	5	0	0	1	0	0	1380
16:00	0	824	354	7	103	7	0	3	1	0	1	0	0	1300
17:00	0	760	248	0	68	2	0	3	1	0	0	0	0	1082
18:00	0	517	175	2	43	1	0	4	0	0	0	0	0	742
19:00	0	383	118	0	29	0	0	0	0	0	0	0	0	530
20:00	0	270	73	1	20	0	0	0	0	0	0	0	0	364
21:00	0	180	51	1	5	1	0	2	0	0	1	0	0	241
22:00	0	124	34	0	6	0	0	1	0	0	0	0	0	165
23:00	0	70	19	0	5	0	0	0	0	0	0	0	0	94
Totals	2	9935	4038	63	1285	106	9	63	15		11			15527
% of Totals	0%	64%	26%	0%	8%	1%	0%	0%	0%		0%			100%
AM Volumes	1	3593	1647	31	581	47	2	24	8	0	8	0	0	5942
% AM	0%	23%	11%	0%	4%	0%	0%	0%	0%		0%			38%
AM Peak Hour	07:00	08:00	11:00	09:00	11:00	08:00	07:00	11:00	05:00		06:00			11:00
Volume	1	748	320	7	117	11	1	7	2		2			1194
PM Volumes	1	6342	2391	32	704	59	7	39	7	0	3	0	0	9585
% PM	0%	41%	15%	0%	5%	0%	0%	0%	0%		0%			62%
PM Peak Hour	12:00	15:00	15:00	14:00	15:00	14:00	14:00	12:00	12:00		15:00			15:00
Volume	1	865	357	8	134	13	3	11	2		1			1380

Directional Peak Periods All Classes	AM 7-9 Volume	AM 7-9 %	NOON 12-2 Volume	NOON 12-2 %	PM 4-6 Volume	PM 4-6 %	Off Peak Volumes Volume	Off Peak Volumes %
	2015	13%	2444	16%	2382	15%	8686	56%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Brunswick Rd Bet. E Bennett Rd & Whispering Pines Ln

Day: Saturday
Date: 9/7/2019

City: Grass Valley
Project #: CA19_7288_002

DAILY TOTALS	NB	SB	EB	WB	Total
	4,959	4,779	0	0	9,738

AM Period	NB		SB		EB	WB	TOTAL		PM Period	NB		SB		EB	WB	TOTAL	
00:00	4		8		0	0	12		**12:00**	108		97		0	0	205	
00:15	0		7		0	0	7		**12:15**	141		103		0	0	244	
00:30	7		12		0	0	19		**12:30**	141		89		0	0	230	
00:45	2	13	5	32	0	0	7	45	**12:45**	112	502	110	399	0	0	222	901
01:00	2		6		0	0	8		**13:00**	86		93		0	0	179	
01:15	3		7		0	0	10		**13:15**	109		102		0	0	211	
01:30	6		7		0	0	13		**13:30**	109		111		0	0	220	
01:45	4	15	6	26	0	0	10	41	**13:45**	94	398	123	429	0	0	217	827
02:00	4		9		0	0	13		**14:00**	101		93		0	0	194	
02:15	2		4		0	0	6		**14:15**	97		121		0	0	218	
02:30	1		3		0	0	4		**14:30**	100		106		0	0	206	
02:45	3	10	3	19	0	0	6	29	**14:45**	116	414	82	402	0	0	198	816
03:00	2		1		0	0	3		**15:00**	90		104		0	0	194	
03:15	2		1		0	0	3		**15:15**	106		101		0	0	207	
03:30	3		0		0	0	3		**15:30**	91		95		0	0	186	
03:45	1	8	1	3	0	0	2	11	**15:45**	120	407	78	378	0	0	198	785
04:00	2		1		0	0	3		**16:00**	101		104		0	0	205	
04:15	2		0		0	0	2		**16:15**	93		91		0	0	184	
04:30	2		2		0	0	4		**16:30**	77		88		0	0	165	
04:45	10	16	4	7	0	0	14	23	**16:45**	77	348	93	376	0	0	170	724
05:00	4		2		0	0	6		**17:00**	82		95		0	0	177	
05:15	8		6		0	0	14		**17:15**	87		88		0	0	175	
05:30	7		20		0	0	27		**17:30**	86		80		0	0	166	
05:45	13	32	26	54	0	0	39	86	**17:45**	85	340	66	329	0	0	151	669
06:00	12		6		0	0	18		**18:00**	88		69		0	0	157	
06:15	20		13		0	0	33		**18:15**	71		53		0	0	124	
06:30	18		21		0	0	39		**18:30**	59		64		0	0	123	
06:45	31	81	25	65	0	0	56	146	**18:45**	77	295	46	232	0	0	123	527
07:00	31		18		0	0	49		**19:00**	50		70		0	0	120	
07:15	52		23		0	0	75		**19:15**	41		51		0	0	92	
07:30	55		31		0	0	86		**19:30**	28		56		0	0	84	
07:45	65	203	32	104	0	0	97	307	**19:45**	26	145	47	224	0	0	73	369
08:00	64		33		0	0	97		**20:00**	33		39		0	0	72	
08:15	64		44		0	0	108		**20:15**	36		49		0	0	85	
08:30	82		49		0	0	131		**20:30**	39		49		0	0	88	
08:45	98	308	65	191	0	0	163	499	**20:45**	28	136	41	178	0	0	69	314
09:00	67		52		0	0	119		**21:00**	19		37		0	0	56	
09:15	82		78		0	0	160		**21:15**	15		50		0	0	65	
09:30	80		78		0	0	158		**21:30**	22		29		0	0	51	
09:45	119	348	84	292	0	0	203	640	**21:45**	23	79	23	139	0	0	46	218
10:00	94		66		0	0	160		**22:00**	17		26		0	0	43	
10:15	84		93		0	0	177		**22:15**	25		21		0	0	46	
10:30	68		103		0	0	171		**22:30**	11		20		0	0	31	
10:45	88	334	88	350	0	0	176	684	**22:45**	18	71	6	73	0	0	24	144
11:00	106		95		0	0	201		**23:00**	12		23		0	0	35	
11:15	92		98		0	0	190		**23:15**	11		16		0	0	27	
11:30	99		102		0	0	201		**23:30**	9		10		0	0	19	
11:45	123	420	119	414	0	0	242	834	**23:45**	4	36	14	63	0	0	18	99
TOTALS		1788		1557				**3345**	**TOTALS**		3171		3222				**6393**
SPLIT %		53.5%		46.5%				**34.3%**	**SPLIT %**		49.6%		50.4%				**65.7%**

DAILY TOTALS	NB	SB	EB	WB	Total
	4,959	4,779	0	0	9,738

AM Peak Hour	11:45	11:30				**11:45**	**PM Peak Hour**	12:00	13:30				**12:00**
AM Pk Volume	513	421				**921**	**PM Pk Volume**	502	448				**901**
Pk Hr Factor	0.910	0.884				**0.944**	**Pk Hr Factor**	0.890	0.911				**0.923**
7 - 9 Volume	511	295	0	0		**806**	**4 - 6 Volume**	688	705	0	0		**1393**
7 - 9 Peak Hour	08:00	08:00				**08:00**	**4 - 6 Peak Hour**	16:00	16:00				**16:00**
7 - 9 Pk Volume	308	191	0	0		**499**	**4 - 6 Pk Volume**	348	376	0	0		**724**
Pk Hr Factor	0.786	0.735	0.000	0.000		**0.765**	**Pk Hr Factor**	0.861	0.904	0.000	0.000		**0.883**

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. E Bennett Rd & Whispering Pines Ln

Day: Saturday
Date: 9/7/2019

City: Grass Valley
Project #: CA19_7288_002n

North Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	7	5	0	1	0	0	0	0	0	0	0	0	13
01:00	0	12	2	0	1	0	0	0	0	0	0	0	0	15
02:00	0	6	3	0	1	0	0	0	0	0	0	0	0	10
03:00	0	7	1	0	0	0	0	0	0	0	0	0	0	8
04:00	0	8	5	0	3	0	0	0	0	0	0	0	0	16
05:00	0	21	10	0	1	0	0	0	0	0	0	0	0	32
06:00	0	49	17	0	14	0	0	1	0	0	0	0	0	81
07:00	0	112	53	0	38	0	0	0	0	0	0	0	0	203
08:00	0	201	80	0	27	0	0	0	0	0	0	0	0	308
09:00	0	200	109	0	39	0	0	0	0	0	0	0	0	348
10:00	0	217	89	0	27	0	0	1	0	0	0	0	0	334
11:00	0	278	110	0	29	0	0	3	0	0	0	0	0	420
12:00 PM	0	337	129	0	36	0	0	0	0	0	0	0	0	502
13:00	0	258	106	1	31	0	0	2	0	0	0	0	0	398
14:00	0	266	112	2	33	0	0	1	0	0	0	0	0	414
15:00	1	276	103	1	26	0	0	0	0	0	0	0	0	407
16:00	0	248	83	0	16	0	0	1	0	0	0	0	0	348
17:00	1	231	81	0	24	0	0	3	0	0	0	0	0	340
18:00	1	207	67	1	19	0	0	0	0	0	0	0	0	295
19:00	0	100	35	0	10	0	0	0	0	0	0	0	0	145
20:00	0	96	34	1	5	0	0	0	0	0	0	0	0	136
21:00	0	61	17	0	1	0	0	0	0	0	0	0	0	79
22:00	0	53	16	0	2	0	0	0	0	0	0	0	0	71
23:00	0	29	6	0	1	0	0	0	0	0	0	0	0	36
Totals	**3**	**3280**	**1273**	**6**	**385**			**12**						**4959**
% of Totals	0%	66%	26%	0%	8%			0%						100%

AM Volumes	0	1118	484	0	181	0	0	5	0	0	0	0	0	1788
% AM		23%	10%		4%			0%						36%
AM Peak Hour		11:00	11:00		09:00			11:00						11:00
Volume		278	110		39			3						420
PM Volumes	3	2162	789	6	204	0	0	7	0	0	0	0	0	3171
% PM	0%	44%	16%	0%	4%			0%						64%
PM Peak Hour	15:00	12:00	12:00	14:00	12:00			17:00						12:00
Volume	1	337	129	2	36			3						502

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	511		10%	900		18%	688		14%	2860		58%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. E Bennett Rd & Whispering Pines Ln

Day: Saturday
Date: 9/7/2019

City: Grass Valley
Project #: CA19_7288_002s

South Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	24	8	0	0	0	0	0	0	0	0	0	0	32
01:00	0	22	4	0	0	0	0	0	0	0	0	0	0	26
02:00	0	16	3	0	0	0	0	0	0	0	0	0	0	19
03:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
04:00	0	3	2	0	1	0	0	0	1	0	0	0	0	7
05:00	0	16	29	0	9	0	0	0	0	0	0	0	0	54
06:00	0	38	21	1	2	2	0	0	0	0	1	0	0	65
07:00	0	63	32	0	9	0	0	0	0	0	0	0	0	104
08:00	0	130	45	1	12	1	0	1	0	0	1	0	0	191
09:00	0	199	70	2	21	0	0	0	0	0	0	0	0	292
10:00	0	250	82	0	18	0	0	0	0	0	0	0	0	350
11:00	1	293	91	0	26	0	0	2	1	0	0	0	0	414
12:00 PM	0	293	85	0	21	0	0	0	0	0	0	0	0	399
13:00	0	307	107	0	15	0	0	0	0	0	0	0	0	429
14:00	0	270	103	1	26	0	0	2	0	0	0	0	0	402
15:00	0	291	76	0	11	0	0	0	0	0	0	0	0	378
16:00	0	275	87	1	10	1	0	2	0	0	0	0	0	376
17:00	0	245	72	1	11	0	0	0	0	0	0	0	0	329
18:00	0	181	45	0	6	0	0	0	0	0	0	0	0	232
19:00	0	183	40	0	1	0	0	0	0	0	0	0	0	224
20:00	0	150	26	0	2	0	0	0	0	0	0	0	0	178
21:00	0	114	22	0	2	0	0	0	1	0	0	0	0	139
22:00	0	62	11	0	0	0	0	0	0	0	0	0	0	73
23:00	0	47	15	0	1	0	0	0	0	0	0	0	0	63
Totals	**1**	**3475**	**1076**	**7**	**204**	**4**		**7**	**3**		**2**			**4779**
% of Totals	0%	73%	23%	0%	4%	0%		0%	0%		0%			100%

AM Volumes	1	1057	387	4	98	3	0	3	2	0	2	0	0	1557
% AM	0%	22%	8%	0%	2%	0%		0%	0%		0%			33%
AM Peak Hour	11:00	11:00	11:00	09:00	11:00	06:00		11:00	04:00		06:00			11:00
Volume	1	293	91	2	26	2		2	1		1			414
PM Volumes	0	2418	689	3	106	1	0	4	1	0	0	0	0	3222
% PM		51%	14%	0%	2%	0%		0%	0%					67%
PM Peak Hour		13:00	13:00	14:00	14:00	16:00		14:00	21:00					13:00
Volume		307	107	1	26	1		2	1					429

Directional Peak Periods	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	295	6%	828	17%	705	15%	2951	62%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. E Bennett Rd & Whispering Pines Ln

Day: Saturday
Date: 9/7/2019

City: Grass Valley
Project #: CA19_7288_002

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	31	13	0	1	0	0	0	0	0	0	0	0	45
01:00	0	34	6	0	1	0	0	0	0	0	0	0	0	41
02:00	0	22	6	0	1	0	0	0	0	0	0	0	0	29
03:00	0	10	1	0	0	0	0	0	0	0	0	0	0	11
04:00	0	11	7	0	4	0	0	0	1	0	0	0	0	23
05:00	0	37	39	0	10	0	0	0	0	0	0	0	0	86
06:00	0	87	38	1	16	2	0	1	0	0	1	0	0	146
07:00	0	175	85	0	47	0	0	0	0	0	0	0	0	307
08:00	0	331	125	1	39	1	0	1	0	0	1	0	0	499
09:00	0	399	179	2	60	0	0	0	0	0	0	0	0	640
10:00	0	467	171	0	45	0	0	1	0	0	0	0	0	684
11:00	1	571	201	0	55	0	0	5	1	0	0	0	0	834
12:00 PM	0	630	214	0	57	0	0	0	0	0	0	0	0	901
13:00	0	565	213	1	46	0	0	2	0	0	0	0	0	827
14:00	0	536	215	3	59	0	0	3	0	0	0	0	0	816
15:00	1	567	179	1	37	0	0	0	0	0	0	0	0	785
16:00	0	523	170	1	26	1	0	3	0	0	0	0	0	724
17:00	1	476	153	1	35	0	0	3	0	0	0	0	0	669
18:00	1	388	112	1	25	0	0	0	0	0	0	0	0	527
19:00	0	283	75	0	11	0	0	0	0	0	0	0	0	369
20:00	0	246	60	1	7	0	0	0	0	0	0	0	0	314
21:00	0	175	39	0	3	0	0	0	1	0	0	0	0	218
22:00	0	115	27	0	2	0	0	0	0	0	0	0	0	144
23:00	0	76	21	0	2	0	0	0	0	0	0	0	0	99
Totals	**4**	**6755**	**2349**	**13**	**589**	**4**		**19**	**3**		**2**			**9738**
% of Totals	0%	69%	24%	0%	6%	0%		0%	0%		0%			100%

AM Volumes	1	2175	871	4	279	3	0	8	2	0	2	0	0	3345
% AM	0%	22%	9%	0%	3%	0%		0%	0%		0%			34%
AM Peak Hour	11:00	11:00	11:00	09:00	09:00	06:00		11:00	04:00		06:00			11:00
Volume	1	571	201	2	60	2		5	1		1			834
PM Volumes	3	4580	1478	9	310	1	0	11	1	0	0	0	0	6393
% PM	0%	47%	15%	0%	3%	0%		0%	0%					66%
PM Peak Hour	15:00	12:00	14:00	14:00	14:00	16:00		14:00	21:00					12:00
Volume	1	630	215	3	59	1		3	1					901

Directional Peak Periods	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	806	8%	1728	18%	1393	14%	5811	60%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Brunswick Rd Bet. E Bennett Rd & Whispering Pines Ln

Day: Sunday
Date: 9/8/2019

City: Grass Valley
Project #: CA19_7288_002

DAILY TOTALS	NB	SB	EB	WB	Total
	3,816	3,768	0	0	7,584

AM Period	NB		SB		EB	WB	TOTAL		PM Period	NB		SB		EB	WB	TOTAL	
00:00	11		8		0	0	19		**12:00**	98		69		0	0	167	
00:15	9		14		0	0	23		**12:15**	102		93		0	0	195	
00:30	7		7		0	0	14		**12:30**	96		95		0	0	191	
00:45	5	32	3	32	0	0	8	64	**12:45**	91	387	89	346	0	0	180	733
01:00	6		3		0	0	9		**13:00**	85		93		0	0	178	
01:15	2		3		0	0	5		**13:15**	78		81		0	0	159	
01:30	0		6		0	0	6		**13:30**	84		84		0	0	168	
01:45	3	11	3	15	0	0	6	26	**13:45**	75	322	99	357	0	0	174	679
02:00	5		2		0	0	7		**14:00**	87		84		0	0	171	
02:15	1		3		0	0	4		**14:15**	60		86		0	0	146	
02:30	1		6		0	0	7		**14:30**	85		86		0	0	171	
02:45	1	8	1	12	0	0	2	20	**14:45**	78	310	85	341	0	0	163	651
03:00	2		2		0	0	4		**15:00**	89		71		0	0	160	
03:15	1		3		0	0	4		**15:15**	78		80		0	0	158	
03:30	4		1		0	0	5		**15:30**	66		83		0	0	149	
03:45	3	10	1	7	0	0	4	17	**15:45**	67	300	79	313	0	0	146	613
04:00	2		3		0	0	5		**16:00**	72		83		0	0	155	
04:15	1		2		0	0	3		**16:15**	74		80		0	0	154	
04:30	2		0		0	0	2		**16:30**	65		86		0	0	151	
04:45	6	11	5	10	0	0	11	21	**16:45**	78	289	93	342	0	0	171	631
05:00	2		0		0	0	2		**17:00**	66		86		0	0	152	
05:15	2		0		0	0	2		**17:15**	66		77		0	0	143	
05:30	5		3		0	0	8		**17:30**	69		65		0	0	134	
05:45	7	16	2	5	0	0	9	21	**17:45**	76	277	51	279	0	0	127	556
06:00	6		2		0	0	8		**18:00**	59		57		0	0	116	
06:15	13		8		0	0	21		**18:15**	67		63		0	0	130	
06:30	16		14		0	0	30		**18:30**	47		52		0	0	99	
06:45	30	65	12	36	0	0	42	101	**18:45**	40	213	44	216	0	0	84	429
07:00	17		10		0	0	27		**19:00**	37		56		0	0	93	
07:15	20		14		0	0	34		**19:15**	32		68		0	0	100	
07:30	31		28		0	0	59		**19:30**	37		45		0	0	82	
07:45	34	102	23	75	0	0	57	177	**19:45**	31	137	50	219	0	0	81	356
08:00	36		23		0	0	59		**20:00**	27		47		0	0	74	
08:15	31		29		0	0	60		**20:15**	22		40		0	0	62	
08:30	51		17		0	0	68		**20:30**	29		39		0	0	68	
08:45	68	186	27	96	0	0	95	282	**20:45**	20	98	25	151	0	0	45	249
09:00	65		34		0	0	99		**21:00**	18		34		0	0	52	
09:15	71		36		0	0	107		**21:15**	17		24		0	0	41	
09:30	65		55		0	0	120		**21:30**	17		22		0	0	39	
09:45	74	275	59	184	0	0	133	459	**21:45**	16	68	18	98	0	0	34	166
10:00	66		64		0	0	130		**22:00**	11		21		0	0	32	
10:15	85		51		0	0	136		**22:15**	12		10		0	0	22	
10:30	90		59		0	0	149		**22:30**	7		17		0	0	24	
10:45	74	315	57	231	0	0	131	546	**22:45**	12	42	11	59	0	0	23	101
11:00	83		74		0	0	157		**23:00**	10		9		0	0	19	
11:15	63		67		0	0	130		**23:15**	6		7		0	0	13	
11:30	75		88		0	0	163		**23:30**	2		6		0	0	8	
11:45	99	320	88	317	0	0	187	637	**23:45**	4	22	5	27	0	0	9	49
TOTALS		1351		1020				**2371**	**TOTALS**		2465		2748				**5213**
SPLIT %		57.0%		43.0%				**31.3%**	**SPLIT %**		47.3%		52.7%				**68.7%**

DAILY TOTALS	NB	SB	EB	WB	Total
	3,816	3,768	0	0	7,584

AM Peak Hour	11:45		11:45					**11:45**	**PM Peak Hour**	12:00		12:15					**12:15**
AM Pk Volume	395		345					**740**	**PM Pk Volume**	387		370					**744**
Pk Hr Factor	0.968		0.908					**0.949**	**Pk Hr Factor**	0.949		0.974					**0.954**
7 - 9 Volume	288		171		0	0		**459**	**4 - 6 Volume**	566		621		0	0		**1187**
7 - 9 Peak Hour	08:00		07:30					**08:00**	**4 - 6 Peak Hour**	16:00		16:15					**16:00**
7 - 9 Pk Volume	186		103		0	0		**282**	**4 - 6 Pk Volume**	289		345		0	0		**631**
Pk Hr Factor	0.684		0.888		0.000	0.000		**0.742**	**Pk Hr Factor**	0.926		0.927		0.000	0.000		**0.923**

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. E Bennett Rd & Whispering Pines Ln

Day: Sunday
Date: 9/8/2019

City: Grass Valley
Project #: CA19_7288_002n

North Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	22	8	0	2	0	0	0	0	0	0	0	0	32
01:00	0	7	3	0	1	0	0	0	0	0	0	0	0	11
02:00	0	5	3	0	0	0	0	0	0	0	0	0	0	8
03:00	0	8	2	0	0	0	0	0	0	0	0	0	0	10
04:00	0	8	3	0	0	0	0	0	0	0	0	0	0	11
05:00	0	13	2	0	1	0	0	0	0	0	0	0	0	16
06:00	0	45	13	0	6	0	0	1	0	0	0	0	0	65
07:00	0	63	34	0	5	0	0	0	0	0	0	0	0	102
08:00	0	122	44	0	18	0	0	2	0	0	0	0	0	186
09:00	0	190	69	0	16	0	0	0	0	0	0	0	0	275
10:00	0	203	93	0	18	0	0	1	0	0	0	0	0	315
11:00	0	216	81	1	22	0	0	0	0	0	0	0	0	320
12:00 PM	0	272	96	0	18	0	0	1	0	0	0	0	0	387
13:00	0	214	97	0	11	0	0	0	0	0	0	0	0	322
14:00	0	206	86	0	17	0	0	1	0	0	0	0	0	310
15:00	0	209	72	1	18	0	0	0	0	0	0	0	0	300
16:00	0	211	63	0	13	0	0	2	0	0	0	0	0	289
17:00	0	186	72	0	17	0	0	2	0	0	0	0	0	277
18:00	0	148	49	0	15	0	0	1	0	0	0	0	0	213
19:00	0	103	27	0	6	0	0	1	0	0	0	0	0	137
20:00	0	69	25	0	4	0	0	0	0	0	0	0	0	98
21:00	0	48	17	0	3	0	0	0	0	0	0	0	0	68
22:00	0	29	12	0	1	0	0	0	0	0	0	0	0	42
23:00	0	15	7	0	0	0	0	0	0	0	0	0	0	22
Totals		**2612**	**978**	**2**	**212**			**12**						**3816**
% of Totals		68%	26%	0%	6%			0%						100%

AM Volumes	0	902	355	1	89	0	0	4	0	0	0	0	0	1351
% AM		24%	9%	0%	2%			0%						35%
AM Peak Hour		11:00	10:00	11:00	11:00			08:00						11:00
Volume		216	93	1	22			2						320
PM Volumes	0	1710	623	1	123	0	0	8	0	0	0	0	0	2465
% PM		45%	16%	0%	3%			0%						65%
PM Peak Hour		12:00	13:00	15:00	12:00			16:00						12:00
Volume		272	97	1	18			2						387

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	288		8%	709		19%	566		15%	2253		59%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. E Bennett Rd & Whispering Pines Ln

Day: Sunday
Date: 9/8/2019

City: Grass Valley
Project #: CA19_7288_002s

South Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	24	8	0	0	0	0	0	0	0	0	0	0	32
01:00	0	15	0	0	0	0	0	0	0	0	0	0	0	15
02:00	0	9	3	0	0	0	0	0	0	0	0	0	0	12
03:00	0	5	2	0	0	0	0	0	0	0	0	0	0	7
04:00	0	6	4	0	0	0	0	0	0	0	0	0	0	10
05:00	0	5	0	0	0	0	0	0	0	0	0	0	0	5
06:00	0	23	12	0	1	0	0	0	0	0	0	0	0	36
07:00	0	48	24	0	2	0	0	0	1	0	0	0	0	75
08:00	0	76	19	0	1	0	0	0	0	0	0	0	0	96
09:00	0	137	41	1	4	0	0	1	0	0	0	0	0	184
10:00	0	164	56	2	8	0	0	1	0	0	0	0	0	231
11:00	0	233	71	0	12	0	0	1	0	0	0	0	0	317
12:00 PM	0	246	88	0	11	0	0	1	0	0	0	0	0	346
13:00	0	273	72	1	8	1	0	2	0	0	0	0	0	357
14:00	0	275	57	0	9	0	0	0	0	0	0	0	0	341
15:00	0	246	57	1	6	0	0	2	1	0	0	0	0	313
16:00	0	244	87	2	9	0	0	0	0	0	0	0	0	342
17:00	0	213	57	0	7	0	0	2	0	0	0	0	0	279
18:00	0	165	45	0	4	0	0	2	0	0	0	0	0	216
19:00	0	174	35	0	9	0	0	0	1	0	0	0	0	219
20:00	0	121	28	0	1	0	0	1	0	0	0	0	0	151
21:00	0	78	17	0	1	0	0	1	1	0	0	0	0	98
22:00	0	49	9	1	0	0	0	0	0	0	0	0	0	59
23:00	0	20	4	0	3	0	0	0	0	0	0	0	0	27
Totals		**2849**	**796**	**8**	**96**	**1**		**14**	**4**					**3768**
% of Totals		76%	21%	0%	3%	0%		0%	0%					100%

AM Volumes	0	745	240	3	28	0	0	3	1	0	0	0	0	1020
% AM		20%	6%	0%	1%			0%	0%					27%
AM Peak Hour		11:00	11:00	10:00	11:00			09:00	07:00					11:00
Volume		233	71	2	12			1	1					317
PM Volumes	0	2104	556	5	68	1	0	11	3	0	0	0	0	2748
% PM		56%	15%	0%	2%	0%		0%	0%					73%
PM Peak Hour		14:00	12:00	16:00	12:00	13:00		13:00	15:00					13:00
Volume		275	88	2	11	1		2	1					357

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	171		5%	703		19%	621		16%	2273		60%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. E Bennett Rd & Whispering Pines Ln

Day: Sunday
Date: 9/8/2019

City: Grass Valley
Project #: CA19_7288_002

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	46	16	0	2	0	0	0	0	0	0	0	0	64
01:00	0	22	3	0	1	0	0	0	0	0	0	0	0	26
02:00	0	14	6	0	0	0	0	0	0	0	0	0	0	20
03:00	0	13	4	0	0	0	0	0	0	0	0	0	0	17
04:00	0	14	7	0	0	0	0	0	0	0	0	0	0	21
05:00	0	18	2	0	1	0	0	0	0	0	0	0	0	21
06:00	0	68	25	0	7	0	0	1	0	0	0	0	0	101
07:00	0	111	58	0	7	0	0	0	1	0	0	0	0	177
08:00	0	198	63	0	19	0	0	2	0	0	0	0	0	282
09:00	0	327	110	1	20	0	0	1	0	0	0	0	0	459
10:00	0	367	149	2	26	0	0	2	0	0	0	0	0	546
11:00	0	449	152	1	34	0	0	1	0	0	0	0	0	637
12:00 PM	0	518	184	0	29	0	0	2	0	0	0	0	0	733
13:00	0	487	169	1	19	1	0	2	0	0	0	0	0	679
14:00	0	481	143	0	26	0	0	1	0	0	0	0	0	651
15:00	0	455	129	2	24	0	0	2	1	0	0	0	0	613
16:00	0	455	150	2	22	0	0	2	0	0	0	0	0	631
17:00	0	399	129	0	24	0	0	4	0	0	0	0	0	556
18:00	0	313	94	0	19	0	0	3	0	0	0	0	0	429
19:00	0	277	62	0	15	0	0	1	1	0	0	0	0	356
20:00	0	190	53	0	5	0	0	1	0	0	0	0	0	249
21:00	0	126	34	0	4	0	0	1	1	0	0	0	0	166
22:00	0	78	21	1	1	0	0	0	0	0	0	0	0	101
23:00	0	35	11	0	3	0	0	0	0	0	0	0	0	49
Totals		5461	1774	10	308	1		26	4					7584
% of Totals		72%	23%	0%	4%	0%		0%	0%					100%
AM Volumes	0	1647	595	4	117	0	0	7	1	0	0	0	0	2371
% AM		22%	8%	0%	2%			0%	0%					31%
AM Peak Hour		11:00	11:00	10:00	11:00			08:00	07:00					11:00
Volume		449	152	2	34			2	1					637
PM Volumes	0	3814	1179	6	191	1	0	19	3	0	0	0	0	5213
% PM		50%	16%	0%	3%	0%		0%	0%					69%
PM Peak Hour		12:00	12:00	15:00	12:00	13:00		17:00	15:00					12:00
Volume		518	184	2	29	1		4	1					733

Directional Peak Periods All Classes	AM 7-9 Volume	AM 7-9 %	NOON 12-2 Volume	NOON 12-2 %	PM 4-6 Volume	PM 4-6 %	Off Peak Volumes Volume	Off Peak Volumes %
	459	6%	1412	19%	1187	16%	4526	60%

Classification Definitions

1 Motorcycles
2 Passenger Cars
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4 Buses
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6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Brunswick Rd Bet. E Bennett Rd & Whispering Pines Ln

Day: Monday
Date: 9/9/2019

City: Grass Valley
Project #: CA19_7288_002

DAILY TOTALS	NB	SB	EB	WB	Total
	7,335	7,460	0	0	14,795

AM Period	NB		SB		EB	WB	TOTAL		PM Period	NB		SB		EB	WB	TOTAL	
00:00	5		1		0	0	6		**12:00**	151		143		0	0	294	
00:15	0		4		0	0	4		**12:15**	124		160		0	0	284	
00:30	3		2		0	0	5		**12:30**	142		139		0	0	281	
00:45	2	10	3	10	0	0	5	20	**12:45**	133	550	133	575	0	0	266	1125
01:00	0		5		0	0	5		**13:00**	141		132		0	0	273	
01:15	2		4		0	0	6		**13:15**	150		114		0	0	264	
01:30	4		2		0	0	6		**13:30**	138		144		0	0	282	
01:45	4	10	3	14	0	0	7	24	**13:45**	135	564	144	534	0	0	279	1098
02:00	2		1		0	0	3		**14:00**	132		142		0	0	274	
02:15	0		1		0	0	1		**14:15**	155		133		0	0	288	
02:30	2		3		0	0	5		**14:30**	131		161		0	0	292	
02:45	2	6	2	7	0	0	4	13	**14:45**	139	557	145	581	0	0	284	1138
03:00	3		2		0	0	5		**15:00**	124		171		0	0	295	
03:15	4		1		0	0	5		**15:15**	125		136		0	0	261	
03:30	6		3		0	0	9		**15:30**	186		164		0	0	350	
03:45	5	18	7	13	0	0	12	31	**15:45**	177	612	171	642	0	0	348	1254
04:00	0		6		0	0	6		**16:00**	182		155		0	0	337	
04:15	0		8		0	0	8		**16:15**	161		164		0	0	325	
04:30	10		14		0	0	24		**16:30**	205		168		0	0	373	
04:45	11	21	10	38	0	0	21	59	**16:45**	155	703	179	666	0	0	334	1369
05:00	13		14		0	0	27		**17:00**	160		188		0	0	348	
05:15	27		22		0	0	49		**17:15**	125		175		0	0	300	
05:30	22		35		0	0	57		**17:30**	108		159		0	0	267	
05:45	35	97	44	115	0	0	79	212	**17:45**	108	501	131	653	0	0	239	1154
06:00	22		24		0	0	46		**18:00**	97		96		0	0	193	
06:15	49		45		0	0	94		**18:15**	100		94		0	0	194	
06:30	58		53		0	0	111		**18:30**	66		118		0	0	184	
06:45	107	236	112	234	0	0	219	470	**18:45**	65	328	112	420	0	0	177	748
07:00	71		78		0	0	149		**19:00**	48		82		0	0	130	
07:15	82		73		0	0	155		**19:15**	58		90		0	0	148	
07:30	119		82		0	0	201		**19:30**	57		65		0	0	122	
07:45	166	438	125	358	0	0	291	796	**19:45**	55	218	51	288	0	0	106	506
08:00	127		116		0	0	243		**20:00**	38		44		0	0	82	
08:15	150		138		0	0	288		**20:15**	26		56		0	0	82	
08:30	164		120		0	0	284		**20:30**	36		51		0	0	87	
08:45	170	611	115	489	0	0	285	1100	**20:45**	32	132	42	193	0	0	74	325
09:00	135		105		0	0	240		**21:00**	21		36		0	0	57	
09:15	121		118		0	0	239		**21:15**	25		24		0	0	49	
09:30	128		110		0	0	238		**21:30**	11		26		0	0	37	
09:45	121	505	110	443	0	0	231	948	**21:45**	14	71	25	111	0	0	39	182
10:00	127		133		0	0	260		**22:00**	13		20		0	0	33	
10:15	146		101		0	0	247		**22:15**	12		18		0	0	30	
10:30	116		116		0	0	232		**22:30**	10		11		0	0	21	
10:45	138	527	108	458	0	0	246	985	**22:45**	10	45	10	59	0	0	20	104
11:00	124		121		0	0	245		**23:00**	8		8		0	0	16	
11:15	141		128		0	0	269		**23:15**	3		14		0	0	17	
11:30	116		127		0	0	243		**23:30**	3		9		0	0	12	
11:45	172	553	143	519	0	0	315	1072	**23:45**	8	22	9	40	0	0	17	62
TOTALS		3032		2698				**5730**	**TOTALS**		4303		4762				**9065**
SPLIT %		52.9%		47.1%				**38.7%**	**SPLIT %**		47.5%		52.5%				**61.3%**

DAILY TOTALS	NB	SB	EB	WB	Total
	7,335	7,460	0	0	14,795

AM Peak Hour	08:15	11:45					**11:45**	**PM Peak Hour**	15:45	16:30					**15:45**
AM Pk Volume	619	585					**1174**	**PM Pk Volume**	725	710					**1383**
Pk Hr Factor	0.910	0.914					**0.932**	**Pk Hr Factor**	0.884	0.944					**0.927**
7 - 9 Volume	1049	847	0	0			**1896**	**4 - 6 Volume**	1204	1319	0	0			**2523**
7 - 9 Peak Hour	08:00	07:45					**07:45**	**4 - 6 Peak Hour**	16:00	16:30					**16:15**
7 - 9 Pk Volume	611	499	0	0			**1106**	**4 - 6 Pk Volume**	703	710	0	0			**1380**
Pk Hr Factor	0.899	0.904	0.000	0.000			**0.950**	**Pk Hr Factor**	0.857	0.944	0.000	0.000			**0.925**

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. E Bennett Rd & Whispering Pines Ln

Day: Monday
Date: 9/9/2019

City: Grass Valley
Project #: CA19_7288_002n

North Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	9	1	0	0	0	0	0	0	0	0	0	0	10
01:00	0	7	0	0	2	0	0	0	0	0	0	1	0	10
02:00	0	2	3	0	1	0	0	0	0	0	0	0	0	6
03:00	0	12	4	0	1	0	0	0	1	0	0	0	0	18
04:00	0	10	7	0	4	0	0	0	0	0	0	0	0	21
05:00	0	44	22	1	22	8	0	0	0	0	0	0	0	97
06:00	0	102	70	3	55	3	1	2	0	0	0	0	0	236
07:00	1	244	122	3	61	2	2	1	1	0	0	1	0	438
08:00	1	341	177	6	78	2	1	4	1	0	0	0	0	611
09:00	0	288	153	4	55	2	0	2	0	0	1	0	0	505
10:00	0	305	157	1	54	5	2	2	0	0	1	0	0	527
11:00	1	339	147	2	58	1	2	3	0	0	0	0	0	553
12:00 PM	0	354	128	7	46	2	4	5	4	0	0	0	0	550
13:00	0	341	157	3	53	7	1	1	1	0	0	0	0	564
14:00	1	342	157	2	46	2	3	2	2	0	0	0	0	557
15:00	1	355	186	1	55	6	3	4	1	0	0	0	0	612
16:00	0	422	206	2	61	6	2	4	0	0	0	0	0	703
17:00	0	323	132	1	42	0	0	3	0	0	0	0	0	501
18:00	0	204	105	0	18	1	0	0	0	0	0	0	0	328
19:00	0	129	65	2	22	0	0	0	0	0	0	0	0	218
20:00	1	72	44	0	14	1	0	0	0	0	0	0	0	132
21:00	0	47	17	0	6	0	0	1	0	0	0	0	0	71
22:00	0	35	8	0	1	0	0	0	0	0	1	0	0	45
23:00	0	17	4	0	1	0	0	0	0	0	0	0	0	22
Totals	**6**	**4344**	**2072**	**38**	**756**	**48**	**21**	**34**	**11**		**3**	**2**		**7335**
% of Totals	0%	59%	28%	1%	10%	1%	0%	0%	0%		0%	0%		100%

AM Volumes	3	1703	863	20	391	23	8	14	3	0	2	2	0	3032
% AM	0%	23%	12%	0%	5%	0%	0%	0%	0%		0%	0%		41%
AM Peak Hour	07:00	08:00	08:00	08:00	08:00	05:00	07:00	08:00	03:00		09:00	01:00		08:00
Volume	1	341	177	6	78	8	2	4	1		1	1		611
PM Volumes	3	2641	1209	18	365	25	13	20	8	0	1	0	0	4303
% PM	0%	36%	16%	0%	5%	0%	0%	0%	0%		0%			59%
PM Peak Hour	14:00	16:00	16:00	12:00	16:00	13:00	12:00	12:00	12:00		22:00			16:00
Volume	1	422	206	7	61	7	4	5	4		1			703

Directional Peak Periods All Classes	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
	Volume	%	Volume	%	Volume	%	Volume	%
	1049	14%	1114	15%	1204	16%	3968	54%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. E Bennett Rd & Whispering Pines Ln

Day: Monday
Date: 9/9/2019

City: Grass Valley
Project #: CA19_7288_002s

South Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	7	3	0	0	0	0	0	0	0	0	0	0	10
01:00	0	10	1	0	2	1	0	0	0	0	0	0	0	14
02:00	0	5	1	1	0	0	0	0	0	0	0	0	0	7
03:00	0	8	4	0	0	0	0	0	1	0	0	0	0	13
04:00	0	25	11	0	1	0	0	0	0	0	1	0	0	38
05:00	0	51	48	1	13	1	0	0	1	0	0	0	0	115
06:00	0	147	68	0	14	0	0	0	3	0	2	0	0	234
07:00	0	218	107	1	30	0	0	1	1	0	0	0	0	358
08:00	0	312	140	0	32	0	0	4	0	0	1	0	0	489
09:00	0	285	131	1	25	1	0	0	0	0	0	0	0	443
10:00	0	308	115	1	29	2	0	2	1	0	0	0	0	458
11:00	0	346	136	2	32	2	0	1	0	0	0	0	0	519
12:00 PM	0	411	124	2	33	1	0	2	2	0	0	0	0	575
13:00	0	364	118	4	39	5	0	3	1	0	0	0	0	534
14:00	1	364	163	2	47	2	0	2	0	0	0	0	0	581
15:00	0	430	156	2	43	9	0	2	0	0	0	0	0	642
16:00	1	447	180	1	34	2	0	1	0	0	0	0	0	666
17:00	0	507	126	0	19	0	0	1	0	0	0	0	0	653
18:00	0	321	84	2	13	0	0	0	0	0	0	0	0	420
19:00	0	207	66	1	13	1	0	0	0	0	0	0	0	288
20:00	0	149	34	3	4	2	0	0	1	0	0	0	0	193
21:00	0	89	19	0	3	0	0	0	0	0	0	0	0	111
22:00	0	45	13	0	0	0	0	1	0	0	0	0	0	59
23:00	0	36	4	0	0	0	0	0	0	0	0	0	0	40
Totals	**2**	**5092**	**1852**	**24**	**426**	**29**		**20**	**11**		**4**			**7460**
% of Totals	0%	68%	25%	0%	6%	0%		0%	0%		0%			100%

AM Volumes	0	1722	765	7	178	7	0	8	7	0	4	0	0	2698
% AM		23%	10%	0%	2%	0%		0%	0%		0%			36%
AM Peak Hour		11:00	08:00	11:00	08:00	10:00		08:00	06:00		06:00			11:00
Volume		346	140	2	32	2		4	3		2			519
PM Volumes	2	3370	1087	17	248	22	0	12	4	0	0	0	0	4762
% PM	0%	45%	15%	0%	3%	0%		0%	0%					64%
PM Peak Hour	14:00	17:00	16:00	13:00	14:00	15:00		13:00	12:00					16:00
Volume	1	507	180	4	47	9		3	2					666

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	847		11%	1109		15%	1319		18%	4185		56%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. E Bennett Rd & Whispering Pines Ln

Day: Monday
Date: 9/9/2019

City: Grass Valley
Project #: CA19_7288_002

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	16	4	0	0	0	0	0	0	0	0	0	0	20
01:00	0	17	1	0	4	1	0	0	0	0	0	1	0	24
02:00	0	7	4	1	1	0	0	0	0	0	0	0	0	13
03:00	0	20	8	0	1	0	0	0	2	0	0	0	0	31
04:00	0	35	18	0	5	0	0	0	0	0	1	0	0	59
05:00	0	95	70	2	35	9	0	0	1	0	0	0	0	212
06:00	0	249	138	3	69	3	1	2	3	0	2	0	0	470
07:00	1	462	229	4	91	2	2	2	2	0	0	1	0	796
08:00	1	653	317	6	110	2	1	8	1	0	1	0	0	1100
09:00	0	573	284	5	80	3	0	2	0	0	1	0	0	948
10:00	0	613	272	2	83	7	2	4	1	0	1	0	0	985
11:00	1	685	283	4	90	3	2	4	0	0	0	0	0	1072
12:00 PM	0	765	252	9	79	3	4	7	6	0	0	0	0	1125
13:00	0	705	275	7	92	12	1	4	2	0	0	0	0	1098
14:00	2	706	320	4	93	4	3	4	2	0	0	0	0	1138
15:00	1	785	342	3	98	15	3	6	1	0	0	0	0	1254
16:00	1	869	386	3	95	8	2	5	0	0	0	0	0	1369
17:00	0	830	258	1	61	0	0	4	0	0	0	0	0	1154
18:00	0	525	189	2	31	1	0	0	0	0	0	0	0	748
19:00	0	336	131	3	35	1	0	0	0	0	0	0	0	506
20:00	1	221	78	3	18	3	0	0	1	0	0	0	0	325
21:00	0	136	36	0	9	0	0	1	0	0	0	0	0	182
22:00	0	80	21	0	1	0	0	1	0	0	1	0	0	104
23:00	0	53	8	0	1	0	0	0	0	0	0	0	0	62
Totals	8	9436	3924	62	1182	77	21	54	22		7	2		14795
% of Totals	0%	64%	27%	0%	8%	1%	0%	0%	0%		0%	0%		100%

AM Volumes	3	3425	1628	27	569	30	8	22	10	0	6	2	0	5730
% AM	0%	23%	11%	0%	4%	0%	0%	0%	0%		0%	0%		39%
AM Peak Hour	07:00	11:00	08:00	08:00	08:00	05:00	07:00	08:00	06:00		06:00	01:00		08:00
Volume	1	685	317	6	110	9	2	8	3		2	1		1100
PM Volumes	5	6011	2296	35	613	47	13	32	12	0	1	0	0	9065
% PM	0%	41%	16%	0%	4%	0%	0%	0%	0%		0%			61%
PM Peak Hour	14:00	16:00	16:00	12:00	15:00	15:00	12:00	12:00	12:00		22:00			16:00
Volume	2	869	386	9	98	15	4	7	6		1			1369

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	1896		13%	2223		15%	2523		17%	8153		55%

Classification Definitions

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2 Passenger Cars
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7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Brunswick Rd Bet. E Bennett Rd & Whispering Pines Ln

Day: Tuesday
Date: 9/10/2019

City: Grass Valley
Project #: CA19_7288_002

DAILY TOTALS	NB	SB	EB	WB	Total
	7,445	7,430	0	0	14,875

AM Period	NB		SB		EB	WB	TOTAL		PM Period	NB		SB		EB	WB	TOTAL	
00:00	3		1		0	0	4		**12:00**	150		135		0	0	285	
00:15	2		1		0	0	3		**12:15**	119		167		0	0	286	
00:30	2		1		0	0	3		**12:30**	135		139		0	0	274	
00:45	0	7	0	3	0	0		10	**12:45**	138	542	122	563	0	0	260	1105
01:00	1		4		0	0	5		**13:00**	138		126		0	0	264	
01:15	2		1		0	0	3		**13:15**	149		111		0	0	260	
01:30	2		1		0	0	3		**13:30**	132		126		0	0	258	
01:45	1	6	5	11	0	0	6	17	**13:45**	133	552	141	504	0	0	274	1056
02:00	4		3		0	0	7		**14:00**	133		146		0	0	279	
02:15	2		0		0	0	2		**14:15**	113		135		0	0	248	
02:30	1		0		0	0	1		**14:30**	127		141		0	0	268	
02:45	1	8	2	5	0	0	3	13	**14:45**	159	532	141	563	0	0	300	1095
03:00	5		1		0	0	6		**15:00**	154		163		0	0	317	
03:15	6		1		0	0	7		**15:15**	182		151		0	0	333	
03:30	9		5		0	0	14		**15:30**	204		157		0	0	361	
03:45	6	26	6	13	0	0	12	39	**15:45**	169	709	176	647	0	0	345	1356
04:00	1		2		0	0	3		**16:00**	180		148		0	0	328	
04:15	2		11		0	0	13		**16:15**	164		165		0	0	329	
04:30	9		13		0	0	22		**16:30**	183		172		0	0	355	
04:45	15	27	5	31	0	0	20	58	**16:45**	150	677	196	681	0	0	346	1358
05:00	9		16		0	0	25		**17:00**	175		181		0	0	356	
05:15	29		16		0	0	45		**17:15**	142		159		0	0	301	
05:30	26		38		0	0	64		**17:30**	115		151		0	0	266	
05:45	29	93	45	115	0	0	74	208	**17:45**	102	534	144	635	0	0	246	1169
06:00	20		28		0	0	48		**18:00**	105		94		0	0	199	
06:15	54		33		0	0	87		**18:15**	85		115		0	0	200	
06:30	58		50		0	0	108		**18:30**	67		105		0	0	172	
06:45	109	241	113	224	0	0	222	465	**18:45**	86	343	128	442	0	0	214	785
07:00	68		69		0	0	137		**19:00**	80		81		0	0	161	
07:15	83		68		0	0	151		**19:15**	72		87		0	0	159	
07:30	120		73		0	0	193		**19:30**	57		75		0	0	132	
07:45	167	438	120	330	0	0	287	768	**19:45**	25	234	78	321	0	0	103	555
08:00	127		126		0	0	253		**20:00**	35		55		0	0	90	
08:15	148		138		0	0	286		**20:15**	30		76		0	0	106	
08:30	159		111		0	0	270		**20:30**	24		47		0	0	71	
08:45	174	608	109	484	0	0	283	1092	**20:45**	20	109	47	225	0	0	67	334
09:00	138		102		0	0	240		**21:00**	19		43		0	0	62	
09:15	116		116		0	0	232		**21:15**	28		45		0	0	73	
09:30	131		108		0	0	239		**21:30**	30		27		0	0	57	
09:45	121	506	109	435	0	0	230	941	**21:45**	20	97	25	140	0	0	45	237
10:00	123		127		0	0	250		**22:00**	16		22		0	0	38	
10:15	145		93		0	0	238		**22:15**	10		15		0	0	25	
10:30	116		123		0	0	239		**22:30**	18		16		0	0	34	
10:45	138	522	111	454	0	0	249	976	**22:45**	11	55	12	65	0	0	23	120
11:00	121		115		0	0	236		**23:00**	8		9		0	0	17	
11:15	131		128		0	0	259		**23:15**	6		11		0	0	17	
11:30	122		120		0	0	242		**23:30**	9		6		0	0	15	
11:45	172	546	142	505	0	0	314	1051	**23:45**	10	33	8	34	0	0	18	67
TOTALS		3028		2610				**5638**	**TOTALS**		4417		4820				**9237**
SPLIT %		53.7%		46.3%				**37.9%**	**SPLIT %**		47.8%		52.2%				**62.1%**

DAILY TOTALS	NB	SB	EB	WB	Total
	7,445	7,430	0	0	14,875

AM Peak Hour	08:15	11:45				**11:45**	**PM Peak Hour**	15:15	16:15				**16:15**
AM Pk Volume	619	583				**1159**	**PM Pk Volume**	735	714				**1386**
Pk Hr Factor	0.889	0.873				**0.923**	**Pk Hr Factor**	0.901	0.911				**0.973**
7 - 9 Volume	1046	814	0	0		**1860**	**4 - 6 Volume**	1211	1316	0	0		**2527**
7 - 9 Peak Hour	08:00	07:45				**07:45**	**4 - 6 Peak Hour**	16:00	16:15				**16:15**
7 - 9 Pk Volume	608	495	0	0		**1096**	**4 - 6 Pk Volume**	677	714	0	0		**1386**
Pk Hr Factor	0.874	0.897	0.000	0.000		**0.955**	**Pk Hr Factor**	0.925	0.911	0.000	0.000		**0.973**

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. E Bennett Rd & Whispering Pines Ln

Day: Tuesday
Date: 9/10/2019

City: Grass Valley
Project #: CA19_7288_002n

North Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	4	1	0	2	0	0	0	0	0	0	0	0	7
01:00	0	4	1	0	1	0	0	0	0	0	0	0	0	6
02:00	0	3	2	0	3	0	0	0	0	0	0	0	0	8
03:00	0	17	8	0	1	0	0	0	0	0	0	0	0	26
04:00	0	12	6	0	9	0	0	0	0	0	0	0	0	27
05:00	0	42	22	1	18	10	0	0	0	0	0	0	0	93
06:00	0	104	75	4	52	5	1	0	0	0	0	0	0	241
07:00	0	244	128	3	55	3	3	1	1	0	0	0	0	438
08:00	0	332	186	6	78	2	0	3	1	0	0	0	0	608
09:00	1	282	161	6	51	2	0	3	0	0	0	0	0	506
10:00	0	309	148	4	54	4	2	1	0	0	0	0	0	522
11:00	2	341	141	3	54	1	1	2	1	0	0	0	0	546
12:00 PM	0	353	131	6	44	2	1	3	2	0	0	0	0	542
13:00	0	339	151	5	50	5	1	0	1	0	0	0	0	552
14:00	0	318	153	4	52	1	0	4	0	0	0	0	0	532
15:00	0	423	209	1	66	2	1	6	1	0	0	0	0	709
16:00	0	424	197	2	52	1	0	0	0	0	1	0	0	677
17:00	0	361	142	0	30	1	0	0	0	0	0	0	0	534
18:00	0	215	93	1	31	2	0	0	1	0	0	0	0	343
19:00	0	153	63	1	16	0	0	1	0	0	0	0	0	234
20:00	0	62	37	0	9	1	0	0	0	0	0	0	0	109
21:00	0	62	25	1	5	1	0	1	1	0	1	0	0	97
22:00	0	39	13	0	3	0	0	0	0	0	0	0	0	55
23:00	0	22	11	0	0	0	0	0	0	0	0	0	0	33
Totals	**3**	**4465**	**2104**	**48**	**736**	**43**	**10**	**25**	**9**		**2**			**7445**
% of Totals	0%	60%	28%	1%	10%	1%	0%	0%	0%		0%			100%

AM Volumes	3	1694	879	27	378	27	7	10	3	0	0	0	0	3028
% AM	0%	23%	12%	0%	5%	0%	0%	0%	0%					41%
AM Peak Hour	11:00	11:00	08:00	08:00	08:00	05:00	07:00	08:00	07:00					08:00
Volume	2	341	186	6	78	10	3	3	1					608
PM Volumes	0	2771	1225	21	358	16	3	15	6	0	2	0	0	4417
% PM		37%	16%	0%	5%	0%	0%	0%	0%		0%			59%
PM Peak Hour		16:00	15:00	12:00	15:00	13:00	12:00	15:00	12:00		16:00			15:00
Volume		424	209	6	66	5	1	6	2		1			709

Directional Peak Periods All Classes	AM 7-9 Volume	AM 7-9 %	NOON 12-2 Volume	NOON 12-2 %	PM 4-6 Volume	PM 4-6 %	Off Peak Volumes Volume	Off Peak Volumes %
	1046	14%	1094	15%	1211	16%	4094	55%

Classification Definitions

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CLASSIFICATION

Brunswick Rd Bet. E Bennett Rd & Whispering Pines Ln

Day: Tuesday
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City: Grass Valley
Project #: CA19_7288_002s

South Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	3	0	0	0	0	0	0	0	0	0	0	0	3
01:00	0	9	1	0	1	0	0	0	0	0	0	0	0	11
02:00	0	2	3	0	0	0	0	0	0	0	0	0	0	5
03:00	0	12	1	0	0	0	0	0	0	0	0	0	0	13
04:00	0	19	12	0	0	0	0	0	0	0	0	0	0	31
05:00	0	49	56	0	9	0	0	0	1	0	0	0	0	115
06:00	0	136	67	0	18	0	0	0	3	0	0	0	0	224
07:00	0	210	98	0	21	0	0	1	0	0	0	0	0	330
08:00	0	303	150	2	27	0	0	2	0	0	0	0	0	484
09:00	1	284	128	2	18	1	0	1	0	0	0	0	0	435
10:00	0	305	113	3	27	3	0	2	1	0	0	0	0	454
11:00	0	317	144	2	40	1	0	1	0	0	0	0	0	505
12:00 PM	0	409	119	2	31	1	0	0	1	0	0	0	0	563
13:00	0	337	115	3	42	4	0	2	1	0	0	0	0	504
14:00	0	347	162	2	49	2	0	1	0	0	0	0	0	563
15:00	0	435	163	3	39	6	0	1	0	0	0	0	0	647
16:00	1	454	186	2	36	1	0	1	0	0	0	0	0	681
17:00	0	500	121	2	9	1	0	1	1	0	0	0	0	635
18:00	0	343	87	1	11	0	0	0	0	0	0	0	0	442
19:00	0	226	73	1	18	3	0	0	0	0	0	0	0	321
20:00	0	151	61	0	12	1	0	0	0	0	0	0	0	225
21:00	0	101	33	0	4	1	0	1	0	0	0	0	0	140
22:00	0	51	10	0	3	0	0	1	0	0	0	0	0	65
23:00	0	27	4	0	3	0	0	0	0	0	0	0	0	34
Totals	**2**	**5030**	**1907**	**25**	**418**	**25**		**15**	**8**					**7430**
% of Totals	0%	68%	26%	0%	6%	0%		0%	0%					100%

AM Volumes	1	1649	773	9	161	5	0	7	5	0	0	0	0	2610
% AM	0%	22%	10%	0%	2%	0%		0%	0%					35%
AM Peak Hour	09:00	11:00	08:00	10:00	11:00	10:00		08:00	06:00					11:00
Volume	1	317	150	3	40	3		2	3					505
PM Volumes	1	3381	1134	16	257	20	0	8	3	0	0	0	0	4820
% PM	0%	46%	15%	0%	3%	0%		0%	0%					65%
PM Peak Hour	16:00	17:00	16:00	13:00	14:00	15:00		13:00	12:00					16:00
Volume	1	500	186	3	49	6		2	1					681

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	814		11%	1067		14%	1316		18%	4233		57%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. E Bennett Rd & Whispering Pines Ln

Day: Tuesday
Date: 9/10/2019

City: Grass Valley
Project #: CA19_7288_002

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	7	1	0	2	0	0	0	0	0	0	0	0	10
01:00	0	13	2	0	2	0	0	0	0	0	0	0	0	17
02:00	0	5	5	0	3	0	0	0	0	0	0	0	0	13
03:00	0	29	9	0	1	0	0	0	0	0	0	0	0	39
04:00	0	31	18	0	9	0	0	0	0	0	0	0	0	58
05:00	0	91	78	1	27	10	0	0	1	0	0	0	0	208
06:00	0	240	142	4	70	5	1	0	3	0	0	0	0	465
07:00	0	454	226	3	76	3	3	2	1	0	0	0	0	768
08:00	0	635	336	8	105	2	0	5	1	0	0	0	0	1092
09:00	2	566	289	8	69	3	0	4	0	0	0	0	0	941
10:00	0	614	261	7	81	7	2	3	1	0	0	0	0	976
11:00	2	658	285	5	94	2	1	3	1	0	0	0	0	1051
12:00 PM	0	762	250	8	75	3	1	3	3	0	0	0	0	1105
13:00	0	676	266	8	92	9	1	2	2	0	0	0	0	1056
14:00	0	665	315	6	101	3	0	5	0	0	0	0	0	1095
15:00	0	858	372	4	105	8	1	7	1	0	0	0	0	1356
16:00	1	878	383	4	88	2	0	1	0	0	1	0	0	1358
17:00	0	861	263	2	39	2	0	1	1	0	0	0	0	1169
18:00	0	558	180	2	42	2	0	0	1	0	0	0	0	785
19:00	0	379	136	2	34	3	0	1	0	0	0	0	0	555
20:00	0	213	98	0	21	2	0	0	0	0	0	0	0	334
21:00	0	163	58	1	9	2	0	2	1	0	1	0	0	237
22:00	0	90	23	0	6	0	0	1	0	0	0	0	0	120
23:00	0	49	15	0	3	0	0	0	0	0	0	0	0	67
Totals	5	9495	4011	73	1154	68	10	40	17		2			14875
% of Totals	0%	64%	27%	0%	8%	0%	0%	0%	0%		0%			100%

AM Volumes	4	3343	1652	36	539	32	7	17	8	0	0	0	0	5638
% AM	0%	22%	11%	0%	4%	0%	0%	0%	0%					38%
AM Peak Hour	09:00	11:00	08:00	08:00	08:00	05:00	07:00	08:00	06:00					08:00
Volume	2	658	336	8	105	10	3	5	3					1092
PM Volumes	1	6152	2359	37	615	36	3	23	9	0	2	0	0	9237
% PM	0%	41%	16%	0%	4%	0%	0%	0%	0%		0%			62%
PM Peak Hour	16:00	16:00	16:00	12:00	15:00	13:00	12:00	15:00	12:00		16:00			16:00
Volume	1	878	383	8	105	9	1	7	3		1			1358

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	1860		13%	2161		15%	2527		17%	8327		56%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Brunswick Rd Bet. Whispering Pines Ln & SR 49

Day: Wednesday
Date: 9/4/2019

City: Grass Valley
Project #: CA19_7288_003

DAILY TOTALS	NB	SB	EB	WB	Total
	6,332	6,267	0	0	12,599

AM Period	NB		SB		EB	WB	TOTAL		PM Period	NB		SB		EB	WB	TOTAL	
00:00	4		4		0	0	8		**12:00**	146		119		0	0	265	
00:15	5		4		0	0	9		**12:15**	114		128		0	0	242	
00:30	5		8		0	0	13		**12:30**	117		131		0	0	248	
00:45	1	15	4	20	0	0	5	35	**12:45**	110	487	143	521	0	0	253	1008
01:00	0		5		0	0	5		**13:00**	121		108		0	0	229	
01:15	2		4		0	0	6		**13:15**	114		123		0	0	237	
01:30	3		3		0	0	6		**13:30**	108		137		0	0	245	
01:45	2	7	3	15	0	0	5	22	**13:45**	93	436	125	493	0	0	218	929
02:00	0		1		0	0	1		**14:00**	90		135		0	0	225	
02:15	1		2		0	0	3		**14:15**	127		100		0	0	227	
02:30	1		2		0	0	3		**14:30**	120		112		0	0	232	
02:45	2	4	2	7	0	0	4	11	**14:45**	107	444	138	485	0	0	245	929
03:00	3		0		0	0	3		**15:00**	116		124		0	0	240	
03:15	1		1		0	0	2		**15:15**	143		105		0	0	248	
03:30	1		3		0	0	4		**15:30**	142		136		0	0	278	
03:45	5	10	6	10	0	0	11	20	**15:45**	111	512	138	503	0	0	249	1015
04:00	2		2		0	0	4		**16:00**	148		126		0	0	274	
04:15	4		11		0	0	15		**16:15**	132		144		0	0	276	
04:30	5		8		0	0	13		**16:30**	151		161		0	0	312	
04:45	8	19	5	26	0	0	13	45	**16:45**	137	568	146	577	0	0	283	1145
05:00	18		9		0	0	27		**17:00**	134		138		0	0	272	
05:15	11		19		0	0	30		**17:15**	115		131		0	0	246	
05:30	22		24		0	0	46		**17:30**	92		127		0	0	219	
05:45	38	89	36	88	0	0	74	177	**17:45**	94	435	103	499	0	0	197	934
06:00	31		27		0	0	58		**18:00**	85		83		0	0	168	
06:15	37		22		0	0	59		**18:15**	56		88		0	0	144	
06:30	45		42		0	0	87		**18:30**	62		95		0	0	157	
06:45	76	189	59	150	0	0	135	339	**18:45**	71	274	95	361	0	0	166	635
07:00	69		45		0	0	114		**19:00**	63		85		0	0	148	
07:15	104		52		0	0	156		**19:15**	47		83		0	0	130	
07:30	126		72		0	0	198		**19:30**	44		69		0	0	113	
07:45	155	454	78	247	0	0	233	701	**19:45**	42	196	66	303	0	0	108	499
08:00	142		88		0	0	230		**20:00**	32		51		0	0	83	
08:15	129		93		0	0	222		**20:15**	40		50		0	0	90	
08:30	119		99		0	0	218		**20:30**	26		46		0	0	72	
08:45	137	527	103	383	0	0	240	910	**20:45**	24	122	42	189	0	0	66	311
09:00	121		91		0	0	212		**21:00**	15		37		0	0	52	
09:15	122		89		0	0	211		**21:15**	13		36		0	0	49	
09:30	124		87		0	0	211		**21:30**	22		21		0	0	43	
09:45	106	473	105	372	0	0	211	845	**21:45**	14	64	27	121	0	0	41	185
10:00	104		80		0	0	184		**22:00**	11		17		0	0	28	
10:15	105		82		0	0	187		**22:15**	11		12		0	0	23	
10:30	111		93		0	0	204		**22:30**	2		14		0	0	16	
10:45	111	431	104	359	0	0	215	790	**22:45**	10	34	12	55	0	0	22	89
11:00	117		115		0	0	232		**23:00**	10		11		0	0	21	
11:15	129		122		0	0	251		**23:15**	7		7		0	0	14	
11:30	137		98		0	0	235		**23:30**	4		8		0	0	12	
11:45	135	518	113	448	0	0	248	966	**23:45**	3	24	9	35	0	0	12	59
TOTALS		2736		2125				**4861**	**TOTALS**		3596		4142				**7738**
SPLIT %		56.3%		43.7%				**38.6%**	**SPLIT %**		46.5%		53.5%				**61.4%**

DAILY TOTALS	NB	SB	EB	WB	Total
	6,332	6,267	0	0	12,599

AM Peak Hour	07:30	11:45					**11:45**	**PM Peak Hour**	16:00	16:15					**16:00**
AM Pk Volume	552	491					**1003**	**PM Pk Volume**	568	589					**1145**
Pk Hr Factor	0.890	0.937					**0.946**	**Pk Hr Factor**	0.940	0.915					**0.917**
7 - 9 Volume	981	630	0	0			**1611**	**4 - 6 Volume**	1003	1076	0	0			**2079**
7 - 9 Peak Hour	07:30	08:00					**08:00**	**4 - 6 Peak Hour**	16:00	16:15					**16:00**
7 - 9 Pk Volume	552	383	0	0			**910**	**4 - 6 Pk Volume**	568	589	0	0			**1145**
Pk Hr Factor	0.890	0.930	0.000	0.000			**0.948**	**Pk Hr Factor**	0.940	0.915	0.000	0.000			**0.917**

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Whispering Pines Ln & SR 49

Day: Wednesday
Date: 9/4/2019

City: Grass Valley
Project #: CA19_7288_003n

North Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	11	4	0	0	0	0	0	0	0	0	0	0	15
01:00	0	6	1	0	0	0	0	0	0	0	0	0	0	7
02:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
03:00	0	8	2	0	0	0	0	0	0	0	0	0	0	10
04:00	0	9	6	0	4	0	0	0	0	0	0	0	0	19
05:00	0	48	23	1	16	0	0	1	0	0	0	0	0	89
06:00	0	102	63	2	21	0	0	1	0	0	0	0	0	189
07:00	0	298	118	0	33	0	0	4	0	0	1	0	0	454
08:00	0	378	115	3	26	0	0	4	0	0	1	0	0	527
09:00	0	343	102	3	22	0	0	3	0	0	0	0	0	473
10:00	0	315	92	3	19	0	0	2	0	0	0	0	0	431
11:00	0	375	111	3	27	0	0	2	0	0	0	0	0	518
12:00 PM	0	359	99	1	23	0	0	5	0	0	0	0	0	487
13:00	0	295	115	2	16	0	3	4	0	1	0	0	0	436
14:00	0	325	101	0	17	0	0	1	0	0	0	0	0	444
15:00	0	363	128	3	16	0	0	2	0	0	0	0	0	512
16:00	0	420	132	1	14	0	0	1	0	0	0	0	0	568
17:00	0	348	77	3	5	0	0	2	0	0	0	0	0	435
18:00	0	223	43	2	6	0	0	0	0	0	0	0	0	274
19:00	0	157	34	0	5	0	0	0	0	0	0	0	0	196
20:00	0	98	21	0	3	0	0	0	0	0	0	0	0	122
21:00	0	45	16	0	1	0	0	1	0	0	1	0	0	64
22:00	0	29	5	0	0	0	0	0	0	0	0	0	0	34
23:00	0	20	4	0	0	0	0	0	0	0	0	0	0	24
Totals		**4579**	**1412**	**27**	**274**		**3**	**33**		**1**	**3**			**6332**
% of Totals		72%	22%	0%	4%		0%	1%		0%	0%			100%

AM Volumes	0	1897	637	15	168	0	0	17	0	0	2	0	0	2736
% AM		30%	10%	0%	3%			0%			0%			43%
AM Peak Hour		08:00	07:00	08:00	07:00			07:00			07:00			08:00
Volume		378	118	3	33			4			1			527
PM Volumes	0	2682	775	12	106	0	3	16	0	1	1	0	0	3596
% PM		42%	12%	0%	2%		0%	0%		0%	0%			57%
PM Peak Hour		16:00	16:00	15:00	12:00		13:00	12:00		13:00	21:00			16:00
Volume		420	132	3	23		3	5		1	1			568

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	981		15%	923		15%	1003		16%	3425		54%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Whispering Pines Ln & SR 49

Day: Wednesday
Date: 9/4/2019

City: Grass Valley
Project #: CA19_7288_003s

South Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	15	4	0	1	0	0	0	0	0	0	0	0	20
01:00	0	12	3	0	0	0	0	0	0	0	0	0	0	15
02:00	0	4	2	0	1	0	0	0	0	0	0	0	0	7
03:00	0	4	3	0	2	0	0	0	0	0	1	0	0	10
04:00	0	17	8	0	1	0	0	0	0	0	0	0	0	26
05:00	0	44	30	1	13	0	0	0	0	0	0	0	0	88
06:00	0	88	46	0	13	0	0	1	1	0	1	0	0	150
07:00	0	166	63	0	12	0	0	6	0	0	0	0	0	247
08:00	0	271	88	1	20	0	0	3	0	0	0	0	0	383
09:00	0	272	83	0	17	0	0	0	0	0	0	0	0	372
10:00	1	259	80	0	15	0	0	4	0	0	0	0	0	359
11:00	0	316	107	3	21	0	0	1	0	0	0	0	0	448
12:00 PM	0	375	117	2	25	0	0	2	0	0	0	0	0	521
13:00	0	357	113	0	19	0	0	4	0	0	0	0	0	493
14:00	0	356	106	3	18	0	0	2	0	0	0	0	0	485
15:00	0	367	110	2	23	0	0	1	0	0	0	0	0	503
16:00	0	424	135	2	15	0	0	1	0	0	0	0	0	577
17:00	0	392	96	2	8	0	0	1	0	0	0	0	0	499
18:00	0	280	63	2	15	0	0	1	0	0	0	0	0	361
19:00	0	237	53	0	12	1	0	0	0	0	0	0	0	303
20:00	0	137	48	0	4	0	0	0	0	0	0	0	0	189
21:00	0	89	28	0	3	0	0	1	0	0	0	0	0	121
22:00	0	46	8	0	0	0	0	1	0	0	0	0	0	55
23:00	0	27	6	0	2	0	0	0	0	0	0	0	0	35
Totals	**1**	**4555**	**1400**	**18**	**260**	**1**		**29**	**1**		**2**			**6267**
% of Totals	0%	73%	22%	0%	4%	0%		0%	0%		0%			100%

AM Volumes	1	1468	517	5	116	0	0	15	1	0	2	0	0	2125
% AM	0%	23%	8%	0%	2%			0%	0%		0%			34%
AM Peak Hour	10:00	11:00	11:00	11:00	11:00			07:00	06:00		03:00			11:00
Volume	1	316	107	3	21			6	1		1			448
PM Volumes	0	3087	883	13	144	1	0	14	0	0	0	0	0	4142
% PM		49%	14%	0%	2%	0%		0%						66%
PM Peak Hour		16:00	16:00	14:00	12:00	19:00		13:00						16:00
Volume		424	135	3	25	1		4						577

Directional Peak Periods	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	630	10%	1014	16%	1076	17%	3547	57%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Whispering Pines Ln & SR 49

Day: Wednesday
Date: 9/4/2019

City: Grass Valley
Project #: CA19_7288_003

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	26	8	0	1	0	0	0	0	0	0	0	0	35
01:00	0	18	4	0	0	0	0	0	0	0	0	0	0	22
02:00	0	8	2	0	1	0	0	0	0	0	0	0	0	11
03:00	0	12	5	0	2	0	0	0	0	0	1	0	0	20
04:00	0	26	14	0	5	0	0	0	0	0	0	0	0	45
05:00	0	92	53	2	29	0	0	1	0	0	0	0	0	177
06:00	0	190	109	2	34	0	0	2	1	0	1	0	0	339
07:00	0	464	181	0	45	0	0	10	0	0	1	0	0	701
08:00	0	649	203	4	46	0	0	7	0	0	1	0	0	910
09:00	0	615	185	3	39	0	0	3	0	0	0	0	0	845
10:00	1	574	172	3	34	0	0	6	0	0	0	0	0	790
11:00	0	691	218	6	48	0	0	3	0	0	0	0	0	966
12:00 PM	0	734	216	3	48	0	0	7	0	0	0	0	0	1008
13:00	0	652	228	2	35	0	3	8	0	1	0	0	0	929
14:00	0	681	207	3	35	0	0	3	0	0	0	0	0	929
15:00	0	730	238	5	39	0	0	3	0	0	0	0	0	1015
16:00	0	844	267	3	29	0	0	2	0	0	0	0	0	1145
17:00	0	740	173	5	13	0	0	3	0	0	0	0	0	934
18:00	0	503	106	4	21	0	0	1	0	0	0	0	0	635
19:00	0	394	87	0	17	1	0	0	0	0	0	0	0	499
20:00	0	235	69	0	7	0	0	0	0	0	0	0	0	311
21:00	0	134	44	0	4	0	0	2	0	0	1	0	0	185
22:00	0	75	13	0	0	0	0	1	0	0	0	0	0	89
23:00	0	47	10	0	2	0	0	0	0	0	0	0	0	59
Totals	**1**	**9134**	**2812**	**45**	**534**	**1**	**3**	**62**	**1**	**1**	**5**			**12599**
% of Totals	0%	72%	22%	0%	4%	0%	0%	0%	0%	0%	0%			100%

AM Volumes	1	3365	1154	20	284	0	0	32	1	0	4	0	0	4861
% AM	0%	27%	9%	0%	2%			0%	0%		0%			39%
AM Peak Hour	10:00	11:00	11:00	11:00	11:00			07:00	06:00		03:00			11:00
Volume	1	691	218	6	48			10	1		1			966
PM Volumes	0	5769	1658	25	250	1	3	30	0	1	1	0	0	7738
% PM		46%	13%	0%	2%	0%	0%	0%		0%	0%			61%
PM Peak Hour		16:00	16:00	15:00	12:00	19:00	13:00	13:00		13:00	21:00			16:00
Volume		844	267	5	48	1	3	8		1	1			1145

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	1611		13%	1937		15%	2079		17%	6972		55%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Brunswick Rd Bet. Whispering Pines Ln & SR 49

Day: Thursday
Date: 9/5/2019

City: Grass Valley
Project #: CA19_7288_003

DAILY TOTALS	NB	SB	EB	WB	Total
	6,259	6,166	0	0	12,425

AM Period	NB		SB		EB	WB	TOTAL		PM Period	NB		SB		EB	WB	TOTAL	
00:00	4		9		0	0	13		**12:00**	132		117		0	0	249	
00:15	3		9		0	0	12		**12:15**	83		127		0	0	210	
00:30	2		5		0	0	7		**12:30**	130		121		0	0	251	
00:45	2	11	1	24	0	0	3	35	**12:45**	106	451	136	501	0	0	242	952
01:00	3		0		0	0	3		**13:00**	96		121		0	0	217	
01:15	3		1		0	0	4		**13:15**	113		103		0	0	216	
01:30	2		1		0	0	3		**13:30**	109		121		0	0	230	
01:45	3	11	2	4	0	0	5	15	**13:45**	94	412	110	455	0	0	204	867
02:00	0		4		0	0	4		**14:00**	101		111		0	0	212	
02:15	0		2		0	0	2		**14:15**	132		102		0	0	234	
02:30	1		0		0	0	1		**14:30**	117		102		0	0	219	
02:45	1	2	1	7	0	0	2	9	**14:45**	114	464	129	444	0	0	243	908
03:00	5		3		0	0	8		**15:00**	118		124		0	0	242	
03:15	1		3		0	0	4		**15:15**	148		113		0	0	261	
03:30	2		1		0	0	3		**15:30**	141		134		0	0	275	
03:45	3	11	3	10	0	0	6	21	**15:45**	122	529	138	509	0	0	260	1038
04:00	1		7		0	0	8		**16:00**	150		132		0	0	282	
04:15	5		6		0	0	11		**16:15**	130		142		0	0	272	
04:30	6		10		0	0	16		**16:30**	167		162		0	0	329	
04:45	10	22	5	28	0	0	15	50	**16:45**	140	587	144	580	0	0	284	1167
05:00	23		11		0	0	34		**17:00**	132		145		0	0	277	
05:15	13		17		0	0	30		**17:15**	121		136		0	0	257	
05:30	21		24		0	0	45		**17:30**	95		120		0	0	215	
05:45	39	96	38	90	0	0	77	186	**17:45**	92	440	100	501	0	0	192	941
06:00	24		19		0	0	43		**18:00**	87		77		0	0	164	
06:15	34		29		0	0	63		**18:15**	58		86		0	0	144	
06:30	43		43		0	0	86		**18:30**	64		95		0	0	159	
06:45	68	169	69	160	0	0	137	329	**18:45**	79	288	95	353	0	0	174	641
07:00	77		54		0	0	131		**19:00**	42		79		0	0	121	
07:15	88		51		0	0	139		**19:15**	41		95		0	0	136	
07:30	130		66		0	0	196		**19:30**	49		60		0	0	109	
07:45	159	454	74	245	0	0	233	699	**19:45**	45	177	73	307	0	0	118	484
08:00	148		98		0	0	246		**20:00**	33		49		0	0	82	
08:15	138		81		0	0	219		**20:15**	42		80		0	0	122	
08:30	108		96		0	0	204		**20:30**	39		60		0	0	99	
08:45	134	528	90	365	0	0	224	893	**20:45**	25	139	50	239	0	0	75	378
09:00	107		89		0	0	196		**21:00**	17		32		0	0	49	
09:15	106		91		0	0	197		**21:15**	15		27		0	0	42	
09:30	96		91		0	0	187		**21:30**	22		30		0	0	52	
09:45	106	415	99	370	0	0	205	785	**21:45**	29	83	28	117	0	0	57	200
10:00	99		76		0	0	175		**22:00**	10		20		0	0	30	
10:15	91		82		0	0	173		**22:15**	4		18		0	0	22	
10:30	120		84		0	0	204		**22:30**	7		16		0	0	23	
10:45	105	415	87	329	0	0	192	744	**22:45**	19	40	15	69	0	0	34	109
11:00	114		99		0	0	213		**23:00**	9		7		0	0	16	
11:15	133		110		0	0	243		**23:15**	5		10		0	0	15	
11:30	128		108		0	0	236		**23:30**	7		8		0	0	15	
11:45	114	489	103	420	0	0	217	909	**23:45**	5	26	14	39	0	0	19	65
TOTALS		2623		2052				**4675**	**TOTALS**		3636		4114				**7750**
SPLIT %		56.1%		43.9%				**37.6%**	**SPLIT %**		46.9%		53.1%				**62.4%**

DAILY TOTALS	NB	SB	EB	WB	Total
	6,259	6,166	0	0	12,425

AM Peak Hour	07:30	11:45					**11:15**	**PM Peak Hour**	16:00	16:15					**16:00**
AM Pk Volume	575	468					**945**	**PM Pk Volume**	587	593					**1167**
Pk Hr Factor	0.904	0.921					**0.949**	**Pk Hr Factor**	0.879	0.915					**0.887**
7 - 9 Volume	982	610	0	0			**1592**	**4 - 6 Volume**	1027	1081	0	0			**2108**
7 - 9 Peak Hour	07:30	08:00					**07:45**	**4 - 6 Peak Hour**	16:00	16:15					**16:00**
7 - 9 Pk Volume	575	365	0	0			**902**	**4 - 6 Pk Volume**	587	593	0	0			**1167**
Pk Hr Factor	0.904	0.931	0.000	0.000			**0.917**	**Pk Hr Factor**	0.879	0.915	0.000	0.000			**0.887**

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Whispering Pines Ln & SR 49

Day: Thursday
Date: 9/5/2019

City: Grass Valley
Project #: CA19_7288_003n

North Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	8	3	0	0	0	0	0	0	0	0	0	0	11
01:00	0	11	0	0	0	0	0	0	0	0	0	0	0	11
02:00	0	1	0	0	1	0	0	0	0	0	0	0	0	2
03:00	0	8	3	0	0	0	0	0	0	0	0	0	0	11
04:00	0	16	5	0	1	0	0	0	0	0	0	0	0	22
05:00	0	50	24	1	21	0	0	0	0	0	0	0	0	96
06:00	0	96	50	2	19	0	0	1	0	0	1	0	0	169
07:00	0	296	103	1	51	0	0	3	0	0	0	0	0	454
08:00	0	370	113	6	35	0	0	2	0	0	2	0	0	528
09:00	0	289	91	2	32	0	0	1	0	0	0	0	0	415
10:00	0	292	93	1	27	0	0	2	0	0	0	0	0	415
11:00	0	336	127	1	22	0	0	2	0	0	1	0	0	489
12:00 PM	0	333	100	2	15	0	0	1	0	0	0	0	0	451
13:00	0	297	87	0	22	0	0	6	0	0	0	0	0	412
14:00	0	331	111	0	20	0	0	2	0	0	0	0	0	464
15:00	0	372	136	0	20	0	0	1	0	0	0	0	0	529
16:00	0	415	147	3	21	0	0	1	0	0	0	0	0	587
17:00	0	345	86	1	7	0	0	1	0	0	0	0	0	440
18:00	0	228	50	0	10	0	0	0	0	0	0	0	0	288
19:00	0	139	35	0	3	0	0	0	0	0	0	0	0	177
20:00	0	100	29	2	8	0	0	0	0	0	0	0	0	139
21:00	0	70	10	0	1	0	0	1	0	0	1	0	0	83
22:00	0	33	6	0	1	0	0	0	0	0	0	0	0	40
23:00	0	19	7	0	0	0	0	0	0	0	0	0	0	26
Totals		**4455**	**1416**	**22**	**337**			**24**			**5**			**6259**
% of Totals		71%	23%	0%	5%			0%			0%			100%

AM Volumes	0	1773	612	14	209	0	0	11	0	0	4	0	0	2623
% AM		28%	10%	0%	3%			0%			0%			42%
AM Peak Hour		08:00	11:00	08:00	07:00			07:00			08:00			08:00
Volume		370	127	6	51			3			2			528
PM Volumes	0	2682	804	8	128	0	0	13	0	0	1	0	0	3636
% PM		43%	13%	0%	2%			0%			0%			58%
PM Peak Hour		16:00	16:00	16:00	13:00			13:00			21:00			16:00
Volume		415	147	3	22			6			1			587

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	982		16%	863		14%	1027		16%	3387		54%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Whispering Pines Ln & SR 49

Day: Thursday
Date: 9/5/2019

City: Grass Valley
Project #: CA19_7288_003s

South Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	20	4	0	0	0	0	0	0	0	0	0	0	24
01:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
02:00	0	5	2	0	0	0	0	0	0	0	0	0	0	7
03:00	0	6	3	0	0	0	0	0	0	0	1	0	0	10
04:00	0	19	7	0	2	0	0	0	0	0	0	0	0	28
05:00	0	51	29	1	8	0	0	0	0	0	1	0	0	90
06:00	0	90	50	1	18	0	0	1	0	0	0	0	0	160
07:00	0	160	69	0	16	0	0	0	0	0	0	0	0	245
08:00	1	247	86	3	24	0	0	4	0	0	0	0	0	365
09:00	0	267	75	0	27	0	0	1	0	0	0	0	0	370
10:00	0	237	81	1	9	0	0	0	0	0	1	0	0	329
11:00	0	297	105	1	17	0	0	0	0	0	0	0	0	420
12:00 PM	1	375	100	2	22	0	0	1	0	0	0	0	0	501
13:00	0	316	111	1	24	0	0	3	0	0	0	0	0	455
14:00	0	305	112	0	26	0	0	1	0	0	0	0	0	444
15:00	0	367	116	1	24	0	0	1	0	0	0	0	0	509
16:00	0	413	142	4	17	0	0	4	0	0	0	0	0	580
17:00	0	390	101	0	10	0	0	0	0	0	0	0	0	501
18:00	0	271	70	0	11	0	0	1	0	0	0	0	0	353
19:00	0	235	58	0	14	0	0	0	0	0	0	0	0	307
20:00	0	183	49	0	5	0	0	2	0	0	0	0	0	239
21:00	0	96	18	3	0	0	0	0	0	0	0	0	0	117
22:00	0	52	14	0	2	0	0	1	0	0	0	0	0	69
23:00	0	33	4	0	1	0	0	1	0	0	0	0	0	39
Totals	**2**	**4439**	**1406**	**18**	**277**			**21**			**3**			**6166**
% of Totals	0%	72%	23%	0%	4%			0%			0%			100%

AM Volumes	1	1403	511	7	121	0	0	6	0	0	3	0	0	2052
% AM	0%	23%	8%	0%	2%			0%			0%			33%
AM Peak Hour	08:00	11:00	11:00	08:00	09:00			08:00			03:00			11:00
Volume	1	297	105	3	27			4			1			420
PM Volumes	1	3036	895	11	156	0	0	15	0	0	0	0	0	4114
% PM	0%	49%	15%	0%	3%			0%						67%
PM Peak Hour	12:00	16:00	16:00	16:00	14:00			16:00						16:00
Volume	1	413	142	4	26			4						580

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	610		10%	956		16%	1081		18%	3519		57%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Whispering Pines Ln & SR 49

Day: Thursday
Date: 9/5/2019

City: Grass Valley
Project #: CA19_7288_003

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	28	7	0	0	0	0	0	0	0	0	0	0	35
01:00	0	15	0	0	0	0	0	0	0	0	0	0	0	15
02:00	0	6	2	0	1	0	0	0	0	0	0	0	0	9
03:00	0	14	6	0	0	0	0	0	0	0	1	0	0	21
04:00	0	35	12	0	3	0	0	0	0	0	0	0	0	50
05:00	0	101	53	2	29	0	0	0	0	0	1	0	0	186
06:00	0	186	100	3	37	0	0	2	0	0	1	0	0	329
07:00	0	456	172	1	67	0	0	3	0	0	0	0	0	699
08:00	1	617	199	9	59	0	0	6	0	0	2	0	0	893
09:00	0	556	166	2	59	0	0	2	0	0	0	0	0	785
10:00	0	529	174	2	36	0	0	2	0	0	1	0	0	744
11:00	0	633	232	2	39	0	0	2	0	0	1	0	0	909
12:00 PM	1	708	200	4	37	0	0	2	0	0	0	0	0	952
13:00	0	613	198	1	46	0	0	9	0	0	0	0	0	867
14:00	0	636	223	0	46	0	0	3	0	0	0	0	0	908
15:00	0	739	252	1	44	0	0	2	0	0	0	0	0	1038
16:00	0	828	289	7	38	0	0	5	0	0	0	0	0	1167
17:00	0	735	187	1	17	0	0	1	0	0	0	0	0	941
18:00	0	499	120	0	21	0	0	1	0	0	0	0	0	641
19:00	0	374	93	0	17	0	0	0	0	0	0	0	0	484
20:00	0	283	78	2	13	0	0	2	0	0	0	0	0	378
21:00	0	166	28	3	1	0	0	1	0	0	1	0	0	200
22:00	0	85	20	0	3	0	0	1	0	0	0	0	0	109
23:00	0	52	11	0	1	0	0	1	0	0	0	0	0	65
Totals	2	8894	2822	40	614			45			8			12425
% of Totals	0%	72%	23%	0%	5%			0%			0%			100%

AM Volumes	1	3176	1123	21	330	0	0	17	0	0	7	0	0	4675
% AM	0%	26%	9%	0%	3%			0%			0%			38%
AM Peak Hour	08:00	11:00	11:00	08:00	07:00			08:00			08:00			11:00
Volume	1	633	232	9	67			6			2			909
PM Volumes	1	5718	1699	19	284	0	0	28	0	0	1	0	0	7750
% PM	0%	46%	14%	0%	2%			0%			0%			62%
PM Peak Hour	12:00	16:00	16:00	16:00	13:00			13:00			21:00			16:00
Volume	1	828	289	7	46			9			1			1167

Directional Peak Periods	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	1592	13%	1819	15%	2108	17%	6906	56%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Brunswick Rd Bet. Whispering Pines Ln & SR 49

Day: Friday
Date: 9/6/2019

City: Grass Valley
Project #: CA19_7288_003

DAILY TOTALS	NB	SB	EB	WB	Total
	6,239	6,217	0	0	12,456

AM Period	NB		SB		EB	WB	TOTAL		PM Period	NB		SB		EB	WB	TOTAL	
00:00	9		9		0	0	18		**12:00**	160		111		0	0	271	
00:15	4		7		0	0	11		**12:15**	124		140		0	0	264	
00:30	3		4		0	0	7		**12:30**	144		131		0	0	275	
00:45	3	19	0	20	0	0	3	39	**12:45**	139	567	134	516	0	0	273	1083
01:00	1		4		0	0	5		**13:00**	110		112		0	0	222	
01:15	2		2		0	0	4		**13:15**	116		146		0	0	262	
01:30	3		0		0	0	3		**13:30**	98		129		0	0	227	
01:45	2	8	4	10	0	0	6	18	**13:45**	125	449	128	515	0	0	253	964
02:00	0		3		0	0	3		**14:00**	135		156		0	0	291	
02:15	0		0		0	0			**14:15**	116		119		0	0	235	
02:30	1		3		0	0	4		**14:30**	121		114		0	0	235	
02:45	1	2	2	8	0	0	3	10	**14:45**	106	478	139	528	0	0	245	1006
03:00	3		2		0	0	5		**15:00**	122		140		0	0	262	
03:15	1		0		0	0	1		**15:15**	113		125		0	0	238	
03:30	2		5		0	0	7		**15:30**	129		93		0	0	222	
03:45	3	9	4	11	0	0	7	20	**15:45**	144	508	168	526	0	0	312	1034
04:00	3		4		0	0	7		**16:00**	120		117		0	0	237	
04:15	2		10		0	0	12		**16:15**	119		153		0	0	272	
04:30	9		9		0	0	18		**16:30**	145		123		0	0	268	
04:45	8	22	6	29	0	0	14	51	**16:45**	122	506	137	530	0	0	259	1036
05:00	9		5		0	0	14		**17:00**	131		120		0	0	251	
05:15	18		14		0	0	32		**17:15**	142		107		0	0	249	
05:30	24		20		0	0	44		**17:30**	95		112		0	0	207	
05:45	27	78	19	58	0	0	46	136	**17:45**	110	478	102	441	0	0	212	919
06:00	22		25		0	0	47		**18:00**	64		98		0	0	162	
06:15	24		23		0	0	47		**18:15**	76		96		0	0	172	
06:30	42		27		0	0	69		**18:30**	67		73		0	0	140	
06:45	57	145	55	130	0	0	112	275	**18:45**	64	271	87	354	0	0	151	625
07:00	58		56		0	0	114		**19:00**	50		53		0	0	103	
07:15	66		48		0	0	114		**19:15**	48		62		0	0	110	
07:30	98		64		0	0	162		**19:30**	50		74		0	0	124	
07:45	128	350	57	225	0	0	185	575	**19:45**	38	186	55	244	0	0	93	430
08:00	145		76		0	0	221		**20:00**	29		53		0	0	82	
08:15	139		89		0	0	228		**20:15**	31		53		0	0	84	
08:30	121		95		0	0	216		**20:30**	21		44		0	0	65	
08:45	119	524	108	368	0	0	227	892	**20:45**	19	100	54	204	0	0	73	304
09:00	116		85		0	0	201		**21:00**	17		38		0	0	55	
09:15	113		80		0	0	193		**21:15**	14		38		0	0	52	
09:30	90		79		0	0	169		**21:30**	26		31		0	0	57	
09:45	100	419	95	339	0	0	195	758	**21:45**	18	75	40	147	0	0	58	222
10:00	119		104		0	0	223		**22:00**	18		33		0	0	51	
10:15	131		103		0	0	234		**22:15**	8		37		0	0	45	
10:30	104		83		0	0	187		**22:30**	13		22		0	0	35	
10:45	101	455	99	389	0	0	200	844	**22:45**	10	49	18	110	0	0	28	159
11:00	106		104		0	0	210		**23:00**	10		14		0	0	24	
11:15	117		119		0	0	236		**23:15**	5		19		0	0	24	
11:30	133		108		0	0	241		**23:30**	10		16		0	0	26	
11:45	156	512	123	454	0	0	279	966	**23:45**	4	29	12	61	0	0	16	90
TOTALS		2543		2041				**4584**	**TOTALS**		3696		4176				**7872**
SPLIT %		55.5%		44.5%				**36.8%**	**SPLIT %**		47.0%		53.0%				**63.2%**

DAILY TOTALS	NB	SB	EB	WB	Total
	6,239	6,217	0	0	12,456

AM Peak Hour	11:45		11:45					**11:45**	**PM Peak Hour**	12:00		15:45					**15:45**
AM Pk Volume	584		505					**1089**	**PM Pk Volume**	567		561					**1089**
Pk Hr Factor	0.913		0.902					**0.976**	**Pk Hr Factor**	0.886		0.835					**0.873**
7 - 9 Volume	874		593		0	0		**1467**	**4 - 6 Volume**	984		971		0	0		**1955**
7 - 9 Peak Hour	07:45		08:00					**08:00**	**4 - 6 Peak Hour**	16:30		16:15					**16:15**
7 - 9 Pk Volume	533		368		0	0		**892**	**4 - 6 Pk Volume**	540		533		0	0		**1050**
Pk Hr Factor	0.919		0.852		0.000	0.000		**0.978**	**Pk Hr Factor**	0.931		0.871		0.000	0.000		**0.965**

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Whispering Pines Ln & SR 49

Day: Friday
Date: 9/6/2019

City: Grass Valley
Project #: CA19_7288_003n

North Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	16	3	0	0	0	0	0	0	0	0	0	0	19
01:00	0	6	2	0	0	0	0	0	0	0	0	0	0	8
02:00	0	1	0	0	1	0	0	0	0	0	0	0	0	2
03:00	0	7	2	0	0	0	0	0	0	0	0	0	0	9
04:00	0	13	8	0	1	0	0	0	0	0	0	0	0	22
05:00	1	46	12	2	16	0	0	1	0	0	0	0	0	78
06:00	0	86	39	2	15	0	0	0	0	0	3	0	0	145
07:00	1	225	94	0	25	0	0	4	0	0	1	0	0	350
08:00	1	366	115	3	35	1	0	3	0	0	0	0	0	524
09:00	0	299	98	0	22	0	0	0	0	0	0	0	0	419
10:00	1	314	103	4	29	2	0	2	0	0	0	0	0	455
11:00	0	368	103	1	38	1	0	1	0	0	0	0	0	512
12:00 PM	0	418	117	1	29	0	0	2	0	0	0	0	0	567
13:00	0	322	95	2	30	0	0	0	0	0	0	0	0	449
14:00	0	334	111	2	29	1	0	1	0	0	0	0	0	478
15:00	1	360	109	1	31	1	0	5	0	0	0	0	0	508
16:00	0	371	105	1	26	0	0	3	0	0	0	0	0	506
17:00	0	359	103	1	13	1	0	1	0	0	0	0	0	478
18:00	0	211	48	2	8	0	0	2	0	0	0	0	0	271
19:00	0	138	43	0	5	0	0	0	0	0	0	0	0	186
20:00	0	73	23	0	4	0	0	0	0	0	0	0	0	100
21:00	0	64	8	0	1	0	0	1	0	0	1	0	0	75
22:00	0	38	9	0	2	0	0	0	0	0	0	0	0	49
23:00	0	20	7	0	2	0	0	0	0	0	0	0	0	29
Totals	**5**	**4455**	**1357**	**22**	**362**	**7**		**26**			**5**			**6239**
% of Totals	0%	71%	22%	0%	6%	0%		0%			0%			100%

AM Volumes	4	1747	579	12	182	4	0	11	0	0	4	0	0	2543
% AM	0%	28%	9%	0%	3%	0%		0%			0%			41%
AM Peak Hour	05:00	11:00	08:00	10:00	11:00	10:00		07:00			06:00			08:00
Volume	1	368	115	4	38	2		4			3			524
PM Volumes	1	2708	778	10	180	3	0	15	0	0	1	0	0	3696
% PM	0%	43%	12%	0%	3%	0%		0%			0%			59%
PM Peak Hour	15:00	12:00	12:00	13:00	15:00	14:00		15:00			21:00			12:00
Volume	1	418	117	2	31	1		5			1			567

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	874		14%	1016		16%	984		16%	3365		54%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Whispering Pines Ln & SR 49

Day: Friday
Date: 9/6/2019

City: Grass Valley
Project #: CA19_7288_003s

South Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	19	1	0	0	0	0	0	0	0	0	0	0	20
01:00	0	7	3	0	0	0	0	0	0	0	0	0	0	10
02:00	0	4	3	0	0	0	0	0	0	0	1	0	0	8
03:00	0	7	4	0	0	0	0	0	0	0	0	0	0	11
04:00	0	19	7	0	3	0	0	0	0	0	0	0	0	29
05:00	0	31	22	1	3	0	0	0	0	0	1	0	0	58
06:00	0	84	31	0	15	0	0	0	0	0	0	0	0	130
07:00	0	157	53	0	12	0	0	3	0	0	0	0	0	225
08:00	0	245	99	1	23	0	0	0	0	0	0	0	0	368
09:00	0	228	83	1	26	0	0	1	0	0	0	0	0	339
10:00	0	262	92	2	31	0	0	2	0	0	0	0	0	389
11:00	0	323	94	2	33	0	0	2	0	0	0	0	0	454
12:00 PM	0	364	121	1	30	0	0	0	0	0	0	0	0	516
13:00	0	362	125	2	22	0	0	4	0	0	0	0	0	515
14:00	1	367	121	2	36	0	0	1	0	0	0	0	0	528
15:00	0	377	107	1	34	4	0	2	0	0	1	0	0	526
16:00	0	379	125	3	21	0	0	2	0	0	0	0	0	530
17:00	0	340	86	0	15	0	0	0	0	0	0	0	0	441
18:00	0	270	70	0	14	0	0	0	0	0	0	0	0	354
19:00	0	190	44	2	8	0	0	0	0	0	0	0	0	244
20:00	0	157	42	0	4	0	0	1	0	0	0	0	0	204
21:00	0	115	30	0	2	0	0	0	0	0	0	0	0	147
22:00	0	91	16	0	3	0	0	0	0	0	0	0	0	110
23:00	0	51	8	0	1	0	0	1	0	0	0	0	0	61
Totals	**1**	**4449**	**1387**	**18**	**336**	**4**		**19**			**3**			**6217**
% of Totals	0%	72%	22%	0%	5%	0%		0%			0%			100%

AM Volumes	0	1386	492	7	146	0	0	8	0	0	2	0	0	2041
% AM		22%	8%	0%	2%			0%			0%			33%
AM Peak Hour		11:00	08:00	10:00	11:00			07:00			02:00			11:00
Volume		323	99	2	33			3			1			454
PM Volumes	1	3063	895	11	190	4	0	11	0	0	1	0	0	4176
% PM	0%	49%	14%	0%	3%	0%		0%			0%			67%
PM Peak Hour	14:00	16:00	13:00	16:00	14:00	15:00		13:00			15:00			16:00
Volume	1	379	125	3	36	4		4			1			530

Directional Peak Periods	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	593	10%	1031	17%	971	16%	3622	58%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Whispering Pines Ln & SR 49

Day: Friday
Date: 9/6/2019

City: Grass Valley
Project #: CA19_7288_003

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	35	4	0	0	0	0	0	0	0	0	0	0	39
01:00	0	13	5	0	0	0	0	0	0	0	0	0	0	18
02:00	0	5	3	0	1	0	0	0	0	0	1	0	0	10
03:00	0	14	6	0	0	0	0	0	0	0	0	0	0	20
04:00	0	32	15	0	4	0	0	0	0	0	0	0	0	51
05:00	1	77	34	3	19	0	0	1	0	0	1	0	0	136
06:00	0	170	70	2	30	0	0	0	0	0	3	0	0	275
07:00	1	382	147	0	37	0	0	7	0	0	1	0	0	575
08:00	1	611	214	4	58	1	0	3	0	0	0	0	0	892
09:00	0	527	181	1	48	0	0	1	0	0	0	0	0	758
10:00	1	576	195	6	60	2	0	4	0	0	0	0	0	844
11:00	0	691	197	3	71	1	0	3	0	0	0	0	0	966
12:00 PM	0	782	238	2	59	0	0	2	0	0	0	0	0	1083
13:00	0	684	220	4	52	0	0	4	0	0	0	0	0	964
14:00	1	701	232	4	65	1	0	2	0	0	0	0	0	1006
15:00	1	737	216	2	65	5	0	7	0	0	1	0	0	1034
16:00	0	750	230	4	47	0	0	5	0	0	0	0	0	1036
17:00	0	699	189	1	28	1	0	1	0	0	0	0	0	919
18:00	0	481	118	2	22	0	0	2	0	0	0	0	0	625
19:00	0	328	87	2	13	0	0	0	0	0	0	0	0	430
20:00	0	230	65	0	8	0	0	1	0	0	0	0	0	304
21:00	0	179	38	0	3	0	0	1	0	0	1	0	0	222
22:00	0	129	25	0	5	0	0	0	0	0	0	0	0	159
23:00	0	71	15	0	3	0	0	1	0	0	0	0	0	90
Totals	6	8904	2744	40	698	11		45			8			12456
% of Totals	0%	71%	22%	0%	6%	0%		0%			0%			100%

AM Volumes	4	3133	1071	19	328	4	0	19	0	0	6	0	0	4584
% AM	0%	25%	9%	0%	3%	0%		0%			0%			37%
AM Peak Hour	05:00	11:00	08:00	10:00	11:00	10:00		07:00			06:00			11:00
Volume	1	691	214	6	71	2		7			3			966
PM Volumes	2	5771	1673	21	370	7	0	26	0	0	2	0	0	7872
% PM	0%	46%	13%	0%	3%	0%		0%			0%			63%
PM Peak Hour	14:00	12:00	12:00	13:00	14:00	15:00		15:00			15:00			12:00
Volume	1	782	238	4	65	5		7			1			1083

Directional Peak Periods	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	1467	12%	2047	16%	1955	16%	6987	56%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Brunswick Rd Bet. Whispering Pines Ln & SR 49

Day: Saturday
Date: 9/7/2019

City: Grass Valley
Project #: CA19_7288_003

DAILY TOTALS	NB	SB	EB	WB	Total
	4,686	4,491	0	0	9,177

AM Period	NB		SB		EB	WB	TOTAL		PM Period	NB		SB		EB	WB	TOTAL	
00:00	6		9		0	0	15		**12:00**	121		114		0	0	235	
00:15	2		10		0	0	12		**12:15**	130		106		0	0	236	
00:30	4		7		0	0	11		**12:30**	119		95		0	0	214	
00:45	5	17	4	30	0	0	9	47	**12:45**	111	481	112	427	0	0	223	908
01:00	2		6		0	0	8		**13:00**	76		108		0	0	184	
01:15	1		7		0	0	8		**13:15**	69		96		0	0	165	
01:30	5		4		0	0	9		**13:30**	98		92		0	0	190	
01:45	1	9	5	22	0	0	6	31	**13:45**	96	339	109	405	0	0	205	744
02:00	4		4		0	0	8		**14:00**	81		81		0	0	162	
02:15	2		4		0	0	6		**14:15**	77		100		0	0	177	
02:30	2		1		0	0	3		**14:30**	85		92		0	0	177	
02:45	0	8	3	12	0	0	3	20	**14:45**	90	333	90	363	0	0	180	696
03:00	1		5		0	0	6		**15:00**	82		97		0	0	179	
03:15	1		2		0	0	3		**15:15**	80		99		0	0	179	
03:30	2		2		0	0	4		**15:30**	66		96		0	0	162	
03:45	3	7	0	9	0	0	3	16	**15:45**	102	330	69	361	0	0	171	691
04:00	0		3		0	0	3		**16:00**	93		83		0	0	176	
04:15	3		1		0	0	4		**16:15**	105		71		0	0	176	
04:30	1		0		0	0	1		**16:30**	76		81		0	0	157	
04:45	6	10	2	6	0	0	8	16	**16:45**	61	335	76	311	0	0	137	646
05:00	4		3		0	0	7		**17:00**	61		71		0	0	132	
05:15	3		5		0	0	8		**17:15**	79		69		0	0	148	
05:30	8		9		0	0	17		**17:30**	72		75		0	0	147	
05:45	14	29	14	31	0	0	28	60	**17:45**	72	284	78	293	0	0	150	577
06:00	9		12		0	0	21		**18:00**	85		57		0	0	142	
06:15	16		14		0	0	30		**18:15**	62		68		0	0	130	
06:30	20		14		0	0	34		**18:30**	49		63		0	0	112	
06:45	26	71	11	51	0	0	37	122	**18:45**	63	259	59	247	0	0	122	506
07:00	30		8		0	0	38		**19:00**	43		63		0	0	106	
07:15	40		18		0	0	58		**19:15**	46		55		0	0	101	
07:30	49		21		0	0	70		**19:30**	22		41		0	0	63	
07:45	64	183	30	77	0	0	94	260	**19:45**	24	135	61	220	0	0	85	355
08:00	63		30		0	0	93		**20:00**	35		54		0	0	89	
08:15	49		36		0	0	85		**20:15**	27		47		0	0	74	
08:30	108		45		0	0	153		**20:30**	32		46		0	0	78	
08:45	98	318	63	174	0	0	161	492	**20:45**	33	127	43	190	0	0	76	317
09:00	85		55		0	0	140		**21:00**	12		52		0	0	64	
09:15	90		53		0	0	143		**21:15**	22		42		0	0	64	
09:30	97		74		0	0	171		**21:30**	22		35		0	0	57	
09:45	120	392	89	271	0	0	209	663	**21:45**	16	72	26	155	0	0	42	227
10:00	121		78		0	0	199		**22:00**	26		11		0	0	37	
10:15	108		75		0	0	183		**22:15**	20		27		0	0	47	
10:30	81		85		0	0	166		**22:30**	15		20		0	0	35	
10:45	91	401	95	333	0	0	186	734	**22:45**	13	74	16	74	0	0	29	148
11:00	103		82		0	0	185		**23:00**	18		16		0	0	34	
11:15	109		84		0	0	193		**23:15**	6		14		0	0	20	
11:30	105		100		0	0	205		**23:30**	9		17		0	0	26	
11:45	118	435	103	369	0	0	221	804	**23:45**	4	37	13	60	0	0	17	97
TOTALS		1880		1385				**3265**	**TOTALS**		2806		3106				**5912**
SPLIT %		57.6%		42.4%				**35.6%**	**SPLIT %**		47.5%		52.5%				**64.4%**

DAILY TOTALS	NB	SB	EB	WB	Total
	4,686	4,491	0	0	9,177

AM Peak Hour	11:45	11:30			**11:45**	**PM Peak Hour**	12:00	12:00			**12:00**
AM Pk Volume	488	423			**906**	**PM Pk Volume**	481	427			**908**
Pk Hr Factor	0.938	0.928			**0.960**	**Pk Hr Factor**	0.925	0.936			**0.962**
7 - 9 Volume	501	251	0	0	**752**	**4 - 6 Volume**	619	604	0	0	**1223**
7 - 9 Peak Hour	08:00	08:00			**08:00**	**4 - 6 Peak Hour**	16:00	16:00			**16:00**
7 - 9 Pk Volume	318	174	0	0	**492**	**4 - 6 Pk Volume**	335	311	0	0	**646**
Pk Hr Factor	0.736	0.690	0.000	0.000	**0.764**	**Pk Hr Factor**	0.798	0.937	0.000	0.000	**0.918**

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Whispering Pines Ln & SR 49

Day: Saturday
Date: 9/7/2019

City: Grass Valley
Project #: CA19_7288_003n

North Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	14	3	0	0	0	0	0	0	0	0	0	0	17
01:00	0	8	1	0	0	0	0	0	0	0	0	0	0	9
02:00	0	7	1	0	0	0	0	0	0	0	0	0	0	8
03:00	0	6	1	0	0	0	0	0	0	0	0	0	0	7
04:00	0	4	4	0	2	0	0	0	0	0	0	0	0	10
05:00	0	24	5	0	0	0	0	0	0	0	0	0	0	29
06:00	0	48	22	0	0	0	0	1	0	0	0	0	0	71
07:00	0	111	52	0	20	0	0	0	0	0	0	0	0	183
08:00	0	235	71	0	12	0	0	0	0	0	0	0	0	318
09:00	0	286	94	0	12	0	0	0	0	0	0	0	0	392
10:00	0	304	83	0	13	0	0	1	0	0	0	0	0	401
11:00	0	322	99	0	14	0	0	0	0	0	0	0	0	435
12:00 PM	0	354	113	0	13	0	0	1	0	0	0	0	0	481
13:00	0	261	65	1	12	0	0	0	0	0	0	0	0	339
14:00	0	256	62	1	14	0	0	0	0	0	0	0	0	333
15:00	0	256	63	1	10	0	0	0	0	0	0	0	0	330
16:00	0	263	62	0	9	0	0	1	0	0	0	0	0	335
17:00	0	224	54	0	6	0	0	0	0	0	0	0	0	284
18:00	0	206	46	1	6	0	0	0	0	0	0	0	0	259
19:00	0	105	27	0	3	0	0	0	0	0	0	0	0	135
20:00	0	101	21	0	5	0	0	0	0	0	0	0	0	127
21:00	0	62	10	0	0	0	0	0	0	0	0	0	0	72
22:00	0	60	12	0	2	0	0	0	0	0	0	0	0	74
23:00	0	30	6	0	1	0	0	0	0	0	0	0	0	37
Totals		**3547**	**977**	**4**	**154**			**4**						**4686**
% of Totals		76%	21%	0%	3%			0%						100%

AM Volumes	0	1369	436	0	73	0	0	2	0	0	0	0	0	1880
% AM		29%	9%		2%			0%						40%
AM Peak Hour		11:00	11:00		07:00			06:00						11:00
Volume		322	99		20			1						435
PM Volumes	0	2178	541	4	81	0	0	2	0	0	0	0	0	2806
% PM		46%	12%	0%	2%			0%						60%
PM Peak Hour		12:00	12:00	13:00	14:00			12:00						12:00
Volume		354	113	1	14			1						481

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	501		11%	820		17%	619		13%	2746		59%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Whispering Pines Ln & SR 49

Day: Saturday
Date: 9/7/2019

City: Grass Valley
Project #: CA19_7288_003s

South Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	24	6	0	0	0	0	0	0	0	0	0	0	30
01:00	0	13	9	0	0	0	0	0	0	0	0	0	0	22
02:00	0	8	3	0	1	0	0	0	0	0	0	0	0	12
03:00	0	9	0	0	0	0	0	0	0	0	0	0	0	9
04:00	0	6	0	0	0	0	0	0	0	0	0	0	0	6
05:00	0	16	11	0	4	0	0	0	0	0	0	0	0	31
06:00	0	31	17	0	3	0	0	0	0	0	0	0	0	51
07:00	0	49	25	0	3	0	0	0	0	0	0	0	0	77
08:00	0	123	40	0	10	0	0	1	0	0	0	0	0	174
09:00	0	188	74	1	7	0	0	0	0	0	1	0	0	271
10:00	0	249	77	0	7	0	0	0	0	0	0	0	0	333
11:00	0	269	86	0	12	0	0	2	0	0	0	0	0	369
12:00 PM	0	311	99	0	16	0	0	0	0	0	1	0	0	427
13:00	0	311	79	0	15	0	0	0	0	0	0	0	0	405
14:00	0	270	84	0	8	0	0	1	0	0	0	0	0	363
15:00	0	280	74	0	7	0	0	0	0	0	0	0	0	361
16:00	0	241	62	0	8	0	0	0	0	0	0	0	0	311
17:00	0	232	49	2	10	0	0	0	0	0	0	0	0	293
18:00	0	191	51	0	4	0	0	1	0	0	0	0	0	247
19:00	0	170	46	0	4	0	0	0	0	0	0	0	0	220
20:00	0	156	33	0	1	0	0	0	0	0	0	0	0	190
21:00	0	128	22	0	5	0	0	0	0	0	0	0	0	155
22:00	0	57	16	0	1	0	0	0	0	0	0	0	0	74
23:00	0	53	6	0	1	0	0	0	0	0	0	0	0	60
Totals		**3385**	**969**	**3**	**127**			**5**			**2**			**4491**
% of Totals		75%	22%	0%	3%			0%			0%			100%

AM Volumes	0	985	348	1	47	0	0	3	0	0	1	0	0	1385
% AM		22%	8%	0%	1%			0%			0%			31%
AM Peak Hour		11:00	11:00	09:00	11:00			11:00			09:00			11:00
Volume		269	86	1	12			2			1			369
PM Volumes	0	2400	621	2	80	0	0	2	0	0	1	0	0	3106
% PM		53%	14%	0%	2%			0%			0%			69%
PM Peak Hour		12:00	12:00	17:00	12:00			14:00			12:00			12:00
Volume		311	99	2	16			1			1			427

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	251		6%	832		19%	604		13%	2804		62%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Whispering Pines Ln & SR 49

Day: Saturday
Date: 9/7/2019

City: Grass Valley
Project #: CA19_7288_003

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	38	9	0	0	0	0	0	0	0	0	0	0	47
01:00	0	21	10	0	0	0	0	0	0	0	0	0	0	31
02:00	0	15	4	0	1	0	0	0	0	0	0	0	0	20
03:00	0	15	1	0	0	0	0	0	0	0	0	0	0	16
04:00	0	10	4	0	2	0	0	0	0	0	0	0	0	16
05:00	0	40	16	0	4	0	0	0	0	0	0	0	0	60
06:00	0	79	39	0	3	0	0	1	0	0	0	0	0	122
07:00	0	160	77	0	23	0	0	0	0	0	0	0	0	260
08:00	0	358	111	0	22	0	0	1	0	0	0	0	0	492
09:00	0	474	168	1	19	0	0	0	0	0	1	0	0	663
10:00	0	553	160	0	20	0	0	1	0	0	0	0	0	734
11:00	0	591	185	0	26	0	0	2	0	0	0	0	0	804
12:00 PM	0	665	212	0	29	0	0	1	0	0	1	0	0	908
13:00	0	572	144	1	27	0	0	0	0	0	0	0	0	744
14:00	0	526	146	1	22	0	0	1	0	0	0	0	0	696
15:00	0	536	137	1	17	0	0	0	0	0	0	0	0	691
16:00	0	504	124	0	17	0	0	1	0	0	0	0	0	646
17:00	0	456	103	2	16	0	0	0	0	0	0	0	0	577
18:00	0	397	97	1	10	0	0	1	0	0	0	0	0	506
19:00	0	275	73	0	7	0	0	0	0	0	0	0	0	355
20:00	0	257	54	0	6	0	0	0	0	0	0	0	0	317
21:00	0	190	32	0	5	0	0	0	0	0	0	0	0	227
22:00	0	117	28	0	3	0	0	0	0	0	0	0	0	148
23:00	0	83	12	0	2	0	0	0	0	0	0	0	0	97
Totals		6932	1946	7	281			9			2			9177
% of Totals		76%	21%	0%	3%			0%			0%			100%

AM Volumes	0	2354	784	1	120	0	0	5	0	0	1	0	0	3265
% AM		26%	9%	0%	1%			0%			0%			36%
AM Peak Hour		11:00	11:00	09:00	11:00			11:00			09:00			11:00
Volume		591	185	1	26			2			1			804
PM Volumes	0	4578	1162	6	161	0	0	4	0	0	1	0	0	5912
% PM		50%	13%	0%	2%			0%			0%			64%
PM Peak Hour		12:00	12:00	17:00	12:00			12:00			12:00			12:00
Volume		665	212	2	29			1			1			908

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	752		8%	1652		18%	1223		13%	5550		60%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Brunswick Rd Bet. Whispering Pines Ln & SR 49

Day: Sunday
Date: 9/8/2019

City: Grass Valley
Project #: CA19_7288_003

DAILY TOTALS	NB	SB	EB	WB	Total
	3,478	3,492	0	0	6,970

AM Period	NB		SB		EB	WB	TOTAL		PM Period	NB		SB		EB	WB	TOTAL	
00:00	4		4		0	0	8		**12:00**	95		88		0	0	183	
00:15	6		10		0	0	16		**12:15**	78		79		0	0	157	
00:30	9		12		0	0	21		**12:30**	94		90		0	0	184	
00:45	8	27	8	34	0	0	16	61	**12:45**	67	334	105	362	0	0	172	696
01:00	4		6		0	0	10		**13:00**	76		85		0	0	161	
01:15	4		5		0	0	9		**13:15**	91		87		0	0	178	
01:30	1		6		0	0	7		**13:30**	74		86		0	0	160	
01:45	1	10	2	19	0	0	3	29	**13:45**	74	315	82	340	0	0	156	655
02:00	2		5		0	0	7		**14:00**	64		68		0	0	132	
02:15	3		4		0	0	7		**14:15**	57		70		0	0	127	
02:30	0		2		0	0	2		**14:30**	71		75		0	0	146	
02:45	0	5	0	11	0	0		16	**14:45**	59	251	74	287	0	0	133	538
03:00	2		4		0	0	6		**15:00**	76		67		0	0	143	
03:15	2		1		0	0	3		**15:15**	76		64		0	0	140	
03:30	3		0		0	0	3		**15:30**	54		77		0	0	131	
03:45	4	11	1	6	0	0	5	17	**15:45**	57	263	69	277	0	0	126	540
04:00	2		2		0	0	4		**16:00**	63		84		0	0	147	
04:15	3		1		0	0	4		**16:15**	62		66		0	0	128	
04:30	3		0		0	0	3		**16:30**	71		55		0	0	126	
04:45	5	13	1	4	0	0	6	17	**16:45**	60	256	82	287	0	0	142	543
05:00	1		0		0	0	1		**17:00**	72		84		0	0	156	
05:15	0		1		0	0	1		**17:15**	58		56		0	0	114	
05:30	5		0		0	0	5		**17:30**	64		65		0	0	129	
05:45	8	14	2	3	0	0	10	17	**17:45**	64	258	67	272	0	0	131	530
06:00	7		1		0	0	8		**18:00**	50		47		0	0	97	
06:15	8		4		0	0	12		**18:15**	56		53		0	0	109	
06:30	15		9		0	0	24		**18:30**	50		53		0	0	103	
06:45	22	52	9	23	0	0	31	75	**18:45**	43	199	65	218	0	0	108	417
07:00	21		10		0	0	31		**19:00**	40		49		0	0	89	
07:15	18		9		0	0	27		**19:15**	38		58		0	0	96	
07:30	30		10		0	0	40		**19:30**	37		46		0	0	83	
07:45	35	104	25	54	0	0	60	158	**19:45**	29	144	43	196	0	0	72	340
08:00	38		20		0	0	58		**20:00**	25		35		0	0	60	
08:15	30		25		0	0	55		**20:15**	20		27		0	0	47	
08:30	42		22		0	0	64		**20:30**	27		31		0	0	58	
08:45	63	173	38	105	0	0	101	278	**20:45**	11	83	23	116	0	0	34	199
09:00	55		27		0	0	82		**21:00**	20		30		0	0	50	
09:15	60		38		0	0	98		**21:15**	15		21		0	0	36	
09:30	69		38		0	0	107		**21:30**	12		23		0	0	35	
09:45	57	241	60	163	0	0	117	404	**21:45**	14	61	27	101	0	0	41	162
10:00	70		58		0	0	128		**22:00**	12		22		0	0	34	
10:15	58		62		0	0	120		**22:15**	11		19		0	0	30	
10:30	90		62		0	0	152		**22:30**	8		17		0	0	25	
10:45	69	287	53	235	0	0	122	522	**22:45**	11	42	14	72	0	0	25	114
11:00	87		62		0	0	149		**23:00**	8		8		0	0	16	
11:15	73		61		0	0	134		**23:15**	9		10		0	0	19	
11:30	64		66		0	0	130		**23:30**	4		11		0	0	15	
11:45	88	312	83	272	0	0	171	584	**23:45**	2	23	6	35	0	0	8	58
TOTALS		1249		929				**2178**	**TOTALS**		2229		2563				**4792**
SPLIT %		57.3%		42.7%				**31.2%**	**SPLIT %**		46.5%		53.5%				**68.8%**

DAILY TOTALS	NB	SB	EB	WB	Total
	3,478	3,492	0	0	6,970

AM Peak Hour	11:45	11:45			**11:45**	**PM Peak Hour**	12:00	12:30			**12:00**
AM Pk Volume	355	340			**695**	**PM Pk Volume**	334	367			**696**
Pk Hr Factor	0.934	0.944			**0.944**	**Pk Hr Factor**	0.879	0.874			**0.946**
7 - 9 Volume	277	159	0	0	**436**	**4 - 6 Volume**	514	559	0	0	**1073**
7 - 9 Peak Hour	08:00	08:00			**08:00**	**4 - 6 Peak Hour**	16:15	16:00			**16:15**
7 - 9 Pk Volume	173	105	0	0	**278**	**4 - 6 Pk Volume**	265	287	0	0	**552**
Pk Hr Factor	0.687	0.691	0.000	0.000	**0.688**	**Pk Hr Factor**	0.920	0.854	0.000	0.000	**0.885**

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Whispering Pines Ln & SR 49

Day: Sunday
Date: 9/8/2019

City: Grass Valley
Project #: CA19_7288_003n

North Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	20	6	0	1	0	0	0	0	0	0	0	0	27
01:00	0	9	1	0	0	0	0	0	0	0	0	0	0	10
02:00	0	3	2	0	0	0	0	0	0	0	0	0	0	5
03:00	0	11	0	0	0	0	0	0	0	0	0	0	0	11
04:00	0	11	2	0	0	0	0	0	0	0	0	0	0	13
05:00	0	11	2	0	1	0	0	0	0	0	0	0	0	14
06:00	0	36	13	0	3	0	0	0	0	0	0	0	0	52
07:00	0	74	26	0	4	0	0	0	0	0	0	0	0	104
08:00	0	133	30	0	9	0	0	1	0	0	0	0	0	173
09:00	0	182	53	0	6	0	0	0	0	0	0	0	0	241
10:00	0	207	71	0	7	0	0	2	0	0	0	0	0	287
11:00	0	235	68	2	7	0	0	0	0	0	0	0	0	312
12:00 PM	0	271	56	0	6	0	0	1	0	0	0	0	0	334
13:00	0	238	68	0	9	0	0	0	0	0	0	0	0	315
14:00	0	193	50	0	7	0	0	1	0	0	0	0	0	251
15:00	0	205	53	0	4	0	0	1	0	0	0	0	0	263
16:00	0	196	54	0	6	0	0	0	0	0	0	0	0	256
17:00	0	205	45	0	8	0	0	0	0	0	0	0	0	258
18:00	0	157	34	0	8	0	0	0	0	0	0	0	0	199
19:00	0	118	24	0	1	0	0	1	0	0	0	0	0	144
20:00	0	74	8	0	1	0	0	0	0	0	0	0	0	83
21:00	0	47	9	0	5	0	0	0	0	0	0	0	0	61
22:00	0	34	8	0	0	0	0	0	0	0	0	0	0	42
23:00	0	18	5	0	0	0	0	0	0	0	0	0	0	23
Totals		**2688**	**688**	**2**	**93**			**7**						**3478**
% of Totals		77%	20%	0%	3%			0%						100%

AM Volumes	0	932	274	2	38	0	0	3	0	0	0	0	0	1249
% AM		27%	8%	0%	1%			0%						36%
AM Peak Hour		11:00	10:00	11:00	08:00			10:00						11:00
Volume		235	71	2	9			2						312
PM Volumes	0	1756	414	0	55	0	0	4	0	0	0	0	0	2229
% PM		50%	12%		2%			0%						64%
PM Peak Hour		12:00	13:00		13:00			12:00						12:00
Volume		271	68		9			1						334

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	277		8%	649		19%	514		15%	2038		59%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Whispering Pines Ln & SR 49

Day: Sunday
Date: 9/8/2019

City: Grass Valley
Project #: CA19_7288_003s

South Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	30	3	0	1	0	0	0	0	0	0	0	0	34
01:00	0	16	3	0	0	0	0	0	0	0	0	0	0	19
02:00	0	10	1	0	0	0	0	0	0	0	0	0	0	11
03:00	0	4	2	0	0	0	0	0	0	0	0	0	0	6
04:00	0	3	0	0	1	0	0	0	0	0	0	0	0	4
05:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
06:00	0	11	9	0	3	0	0	0	0	0	0	0	0	23
07:00	0	33	19	0	2	0	0	0	0	0	0	0	0	54
08:00	0	78	25	0	2	0	0	0	0	0	0	0	0	105
09:00	0	128	32	0	3	0	0	0	0	0	0	0	0	163
10:00	0	185	44	0	6	0	0	0	0	0	0	0	0	235
11:00	0	204	63	0	4	0	0	1	0	0	0	0	0	272
12:00 PM	0	284	69	0	8	0	0	1	0	0	0	0	0	362
13:00	0	266	67	0	6	0	0	1	0	0	0	0	0	340
14:00	0	228	52	0	7	0	0	0	0	0	0	0	0	287
15:00	0	219	54	0	4	0	0	0	0	0	0	0	0	277
16:00	0	232	53	0	2	0	0	0	0	0	0	0	0	287
17:00	0	209	57	0	6	0	0	0	0	0	0	0	0	272
18:00	0	156	54	0	6	0	0	2	0	0	0	0	0	218
19:00	0	157	32	0	6	0	0	1	0	0	0	0	0	196
20:00	0	91	24	0	1	0	0	0	0	0	0	0	0	116
21:00	0	79	18	0	4	0	0	0	0	0	0	0	0	101
22:00	0	57	10	0	4	0	0	1	0	0	0	0	0	72
23:00	0	28	6	0	1	0	0	0	0	0	0	0	0	35
Totals		**2711**	**697**		**77**			**7**						**3492**
% of Totals		78%	20%		2%			0%						100%

AM Volumes	0	705	201	0	22	0	0	1	0	0	0	0	0	929
% AM		20%	6%		1%			0%						27%
AM Peak Hour		11:00	11:00		10:00			11:00						11:00
Volume		204	63		6			1						272
PM Volumes	0	2006	496	0	55	0	0	6	0	0	0	0	0	2563
% PM		57%	14%		2%			0%						73%
PM Peak Hour		12:00	12:00		12:00			18:00						12:00
Volume		284	69		8			2						362

Directional Peak Periods	**AM 7-9**		**NOON 12-2**		**PM 4-6**		**Off Peak Volumes**	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	159	5%	702	20%	559	16%	2072	59%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Whispering Pines Ln & SR 49

Day: Sunday
Date: 9/8/2019

City: Grass Valley
Project #: CA19_7288_003

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	50	9	0	2	0	0	0	0	0	0	0	0	61
01:00	0	25	4	0	0	0	0	0	0	0	0	0	0	29
02:00	0	13	3	0	0	0	0	0	0	0	0	0	0	16
03:00	0	15	2	0	0	0	0	0	0	0	0	0	0	17
04:00	0	14	2	0	1	0	0	0	0	0	0	0	0	17
05:00	0	14	2	0	1	0	0	0	0	0	0	0	0	17
06:00	0	47	22	0	6	0	0	0	0	0	0	0	0	75
07:00	0	107	45	0	6	0	0	0	0	0	0	0	0	158
08:00	0	211	55	0	11	0	0	1	0	0	0	0	0	278
09:00	0	310	85	0	9	0	0	0	0	0	0	0	0	404
10:00	0	392	115	0	13	0	0	2	0	0	0	0	0	522
11:00	0	439	131	2	11	0	0	1	0	0	0	0	0	584
12:00 PM	0	555	125	0	14	0	0	2	0	0	0	0	0	696
13:00	0	504	135	0	15	0	0	1	0	0	0	0	0	655
14:00	0	421	102	0	14	0	0	1	0	0	0	0	0	538
15:00	0	424	107	0	8	0	0	1	0	0	0	0	0	540
16:00	0	428	107	0	8	0	0	0	0	0	0	0	0	543
17:00	0	414	102	0	14	0	0	0	0	0	0	0	0	530
18:00	0	313	88	0	14	0	0	2	0	0	0	0	0	417
19:00	0	275	56	0	7	0	0	2	0	0	0	0	0	340
20:00	0	165	32	0	2	0	0	0	0	0	0	0	0	199
21:00	0	126	27	0	9	0	0	0	0	0	0	0	0	162
22:00	0	91	18	0	4	0	0	1	0	0	0	0	0	114
23:00	0	46	11	0	1	0	0	0	0	0	0	0	0	58
Totals		5399	1385	2	170			14						6970
% of Totals		77%	20%	0%	2%			0%						100%

AM Volumes	0	1637	475	2	60	0	0	4	0	0	0	0	0	2178
% AM		23%	7%	0%	1%			0%						31%
AM Peak Hour		11:00	11:00	11:00	10:00			10:00						11:00
Volume		439	131	2	13			2						584
PM Volumes	0	3762	910	0	110	0	0	10	0	0	0	0	0	4792
% PM		54%	13%		2%			0%						69%
PM Peak Hour		12:00	13:00		13:00			12:00						12:00
Volume		555	135		15			2						696

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	436		6%	1351		19%	1073		15%	4110		59%

Classification Definitions

1	Motorcycles	**4**	Buses	**7**	> =4-Axle Single Units	**10**	>=6-Axle Single Trailers	**13**	>=7-Axle Multi-Trailers
2	Passenger Cars	**5**	2-Axle, 6-Tire Single Units	**8**	<=4-Axle Single Trailers	**11**	<=5-Axle Multi-Trailers		
3	2-Axle, 4-Tire Single Units	**6**	3-Axle Single Units	**9**	5-Axle Single Trailers	**12**	6-Axle Multi-Trailers		

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Brunswick Rd Bet. Whispering Pines Ln & SR 49

Day: Monday
Date: 9/9/2019

City: Grass Valley
Project #: CA19_7288_003

DAILY TOTALS	NB	SB	EB	WB	Total
	5,928	5,779	0	0	11,707

AM Period	NB		SB		EB	WB	TOTAL		PM Period	NB		SB		EB	WB	TOTAL	
00:00	5		4		0	0	9		**12:00**	132		115		0	0	247	
00:15	3		8		0	0	11		**12:15**	101		142		0	0	243	
00:30	2		3		0	0	5		**12:30**	123		122		0	0	245	
00:45	2	12	2	17	0	0	4	29	**12:45**	121	477	141	520	0	0	262	997
01:00	0		4		0	0	4		**13:00**	123		121		0	0	244	
01:15	3		2		0	0	5		**13:15**	130		120		0	0	250	
01:30	0		3		0	0	3		**13:30**	107		122		0	0	229	
01:45	6	9	4	13	0	0	10	22	**13:45**	126	486	117	480	0	0	243	966
02:00	2		2		0	0	4		**14:00**	110		119		0	0	229	
02:15	1		2		0	0	3		**14:15**	118		106		0	0	224	
02:30	1		1		0	0	2		**14:30**	104		119		0	0	223	
02:45	3	7	2	7	0	0	5	14	**14:45**	105	437	102	446	0	0	207	883
03:00	1		5		0	0	6		**15:00**	108		79		0	0	187	
03:15	4		1		0	0	5		**15:15**	110		36		0	0	146	
03:30	6		3		0	0	9		**15:30**	128		103		0	0	231	
03:45	4	15	3	12	0	0	7	27	**15:45**	142	488	88	306	0	0	230	794
04:00	2		8		0	0	10		**16:00**	147		129		0	0	276	
04:15	0		7		0	0	7		**16:15**	136		134		0	0	270	
04:30	9		11		0	0	20		**16:30**	131		110		0	0	241	
04:45	8	19	6	32	0	0	14	51	**16:45**	154	568	140	513	0	0	294	1081
05:00	6		11		0	0	17		**17:00**	118		159		0	0	277	
05:15	27		9		0	0	36		**17:15**	118		162		0	0	280	
05:30	15		15		0	0	30		**17:30**	90		127		0	0	217	
05:45	23	71	32	67	0	0	55	138	**17:45**	85	411	105	553	0	0	190	964
06:00	21		16		0	0	37		**18:00**	68		111		0	0	179	
06:15	33		29		0	0	62		**18:15**	85		96		0	0	181	
06:30	37		29		0	0	66		**18:30**	59		89		0	0	148	
06:45	71	162	69	143	0	0	140	305	**18:45**	46	258	72	368	0	0	118	626
07:00	79		52		0	0	131		**19:00**	47		91		0	0	138	
07:15	69		42		0	0	111		**19:15**	55		75		0	0	130	
07:30	81		59		0	0	140		**19:30**	48		73		0	0	121	
07:45	111	340	88	241	0	0	199	581	**19:45**	41	191	54	293	0	0	95	484
08:00	100		74		0	0	174		**20:00**	36		47		0	0	83	
08:15	119		80		0	0	199		**20:15**	25		48		0	0	73	
08:30	118		74		0	0	192		**20:30**	41		42		0	0	83	
08:45	112	449	70	298	0	0	182	747	**20:45**	29	131	24	161	0	0	53	292
09:00	119		84		0	0	203		**21:00**	18		34		0	0	52	
09:15	93		92		0	0	185		**21:15**	23		37		0	0	60	
09:30	95		61		0	0	156		**21:30**	14		13		0	0	27	
09:45	93	400	73	310	0	0	166	710	**21:45**	8	63	20	104	0	0	28	167
10:00	112		95		0	0	207		**22:00**	12		28		0	0	40	
10:15	122		77		0	0	199		**22:15**	12		17		0	0	29	
10:30	92		94		0	0	186		**22:30**	7		20		0	0	27	
10:45	114	440	95	361	0	0	209	801	**22:45**	7	38	11	76	0	0	18	114
11:00	97		89		0	0	186		**23:00**	6		9		0	0	15	
11:15	106		120		0	0	226		**23:15**	2		6		0	0	8	
11:30	116		85		0	0	201		**23:30**	3		5		0	0	8	
11:45	121	440	137	431	0	0	258	871	**23:45**	5	16	7	27	0	0	12	43
TOTALS		2364		1932				**4296**	**TOTALS**		3564		3847				**7411**
SPLIT %		55.0%		45.0%				**36.7%**	**SPLIT %**		48.1%		51.9%				**63.3%**

DAILY TOTALS	NB	SB	EB	WB	Total
	5,928	5,779	0	0	11,707

AM Peak Hour	11:45	11:45					**11:45**	**PM Peak Hour**	16:00	16:45					**16:30**
AM Pk Volume	477	516					**993**	**PM Pk Volume**	568	588					**1092**
Pk Hr Factor	0.903	0.908					**0.962**	**Pk Hr Factor**	0.922	0.907					**0.929**
7 - 9 Volume	789	539	0	0			**1328**	**4 - 6 Volume**	979	1066	0	0			**2045**
7 - 9 Peak Hour	08:00	07:45					**07:45**	**4 - 6 Peak Hour**	16:00	16:45					**16:30**
7 - 9 Pk Volume	449	316	0	0			**764**	**4 - 6 Pk Volume**	568	588	0	0			**1092**
Pk Hr Factor	0.943	0.898	0.000	0.000			**0.960**	**Pk Hr Factor**	0.922	0.907	0.000	0.000			**0.929**

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Whispering Pines Ln & SR 49

Day: Monday
Date: 9/9/2019

City: Grass Valley
Project #: CA19_7288_003n

North Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	10	2	0	0	0	0	0	0	0	0	0	0	12
01:00	0	7	1	0	0	0	0	0	0	0	1	0	0	9
02:00	0	4	3	0	0	0	0	0	0	0	0	0	0	7
03:00	0	12	3	0	0	0	0	0	0	0	0	0	0	15
04:00	0	10	7	0	2	0	0	0	0	0	0	0	0	19
05:00	0	38	15	1	17	0	0	0	0	0	0	0	0	71
06:00	0	79	59	1	20	2	0	1	0	0	0	0	0	162
07:00	0	205	90	0	43	0	0	2	0	0	0	0	0	340
08:00	0	305	113	2	27	0	0	1	1	0	0	0	0	449
09:00	0	272	105	1	20	1	0	1	0	0	0	0	0	400
10:00	0	315	94	1	28	0	0	2	0	0	0	0	0	440
11:00	0	309	103	1	26	0	0	1	0	0	0	0	0	440
12:00 PM	0	344	103	3	21	1	0	4	1	0	0	0	0	477
13:00	1	353	98	2	30	1	0	1	0	0	0	0	0	486
14:00	1	310	103	0	20	0	0	2	1	0	0	0	0	437
15:00	0	348	118	0	21	1	0	0	0	0	0	0	0	488
16:00	0	406	135	0	23	1	0	3	0	0	0	0	0	568
17:00	0	306	91	0	14	0	0	0	0	0	0	0	0	411
18:00	0	205	45	0	8	0	0	0	0	0	0	0	0	258
19:00	0	135	45	2	9	0	0	0	0	0	0	0	0	191
20:00	0	91	31	0	9	0	0	0	0	0	0	0	0	131
21:00	0	50	9	0	3	0	0	1	0	0	0	0	0	63
22:00	0	30	6	0	1	0	0	0	0	0	1	0	0	38
23:00	0	13	3	0	0	0	0	0	0	0	0	0	0	16
Totals	**2**	**4157**	**1382**	**14**	**342**	**7**		**19**	**3**		**2**			**5928**
% of Totals	0%	70%	23%	0%	6%	0%		0%	0%		0%			100%

AM Volumes	0	1566	595	7	183	3	0	8	1	0	1	0	0	2364
% AM		26%	10%	0%	3%	0%		0%	0%		0%			40%
AM Peak Hour		10:00	08:00	08:00	07:00	06:00		07:00	08:00		01:00			08:00
Volume		315	113	2	43	2		2	1		1			449
PM Volumes	2	2591	787	7	159	4	0	11	2	0	1	0	0	3564
% PM	0%	44%	13%	0%	3%	0%		0%	0%		0%			60%
PM Peak Hour	13:00	16:00	16:00	12:00	13:00	12:00		12:00	12:00		22:00			16:00
Volume	1	406	135	3	30	1		4	1		1			568

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	789		13%	963		16%	979		17%	3197		54%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Whispering Pines Ln & SR 49

Day: Monday
Date: 9/9/2019

City: Grass Valley
Project #: CA19_7288_003s

South Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	13	3	0	0	0	0	0	0	0	1	0	0	17
01:00	0	11	0	0	2	0	0	0	0	0	0	0	0	13
02:00	0	4	3	0	0	0	0	0	0	0	0	0	0	7
03:00	0	6	6	0	0	0	0	0	0	0	0	0	0	12
04:00	0	19	10	0	3	0	0	0	0	0	0	0	0	32
05:00	0	39	24	1	3	0	0	0	0	0	0	0	0	67
06:00	0	82	45	0	15	0	0	0	1	0	0	0	0	143
07:00	0	160	58	1	20	0	0	2	0	0	0	0	0	241
08:00	0	185	82	1	27	0	0	3	0	0	0	0	0	298
09:00	0	205	86	1	18	0	0	0	0	0	0	0	0	310
10:00	0	245	83	3	28	0	0	2	0	0	0	0	0	361
11:00	0	303	100	1	26	0	0	1	0	0	0	0	0	431
12:00 PM	0	378	113	3	24	0	0	2	0	0	0	0	0	520
13:00	0	345	93	1	38	0	0	3	0	0	0	0	0	480
14:00	1	319	94	4	24	1	0	3	0	0	0	0	0	446
15:00	0	210	79	1	15	0	0	1	0	0	0	0	0	306
16:00	0	356	120	1	33	0	0	3	0	0	0	0	0	513
17:00	0	399	123	0	27	1	0	3	0	0	0	0	0	553
18:00	0	286	78	0	4	0	0	0	0	0	0	0	0	368
19:00	0	220	63	1	8	0	0	1	0	0	0	0	0	293
20:00	0	112	41	1	7	0	0	0	0	0	0	0	0	161
21:00	0	80	21	0	3	0	0	0	0	0	0	0	0	104
22:00	0	58	15	0	1	0	0	2	0	0	0	0	0	76
23:00	0	22	4	0	1	0	0	0	0	0	0	0	0	27
Totals	**1**	**4057**	**1344**	**20**	**327**	**2**		**26**	**1**		**1**			**5779**
% of Totals	0%	70%	23%	0%	6%	0%		0%	0%		0%			100%

AM Volumes	0	1272	500	8	142	0	0	8	1	0	1	0	0	1932
% AM		22%	9%	0%	2%			0%	0%		0%			33%
AM Peak Hour		11:00	11:00	10:00	10:00			08:00	06:00					11:00
Volume		303	100	3	28			3	1		1			431
PM Volumes	1	2785	844	12	185	2	0	18	0	0	0	0	0	3847
% PM	0%	48%	15%	0%	3%	0%		0%						67%
PM Peak Hour	14:00	17:00	17:00	14:00	13:00	14:00		13:00						17:00
Volume	1	399	123	4	38	1		3						553

Directional Peak Periods	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	539	9%	1000	17%	1066	18%	3174	55%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Whispering Pines Ln & SR 49

Day: Monday
Date: 9/9/2019

City: Grass Valley
Project #: CA19_7288_003

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	23	5	0	0	0	0	0	0	0	1	0	0	**29**
01:00	0	18	1	0	2	0	0	0	0	0	1	0	0	**22**
02:00	0	8	6	0	0	0	0	0	0	0	0	0	0	**14**
03:00	0	18	9	0	0	0	0	0	0	0	0	0	0	**27**
04:00	0	29	17	0	5	0	0	0	0	0	0	0	0	**51**
05:00	0	77	39	2	20	0	0	0	0	0	0	0	0	**138**
06:00	0	161	104	1	35	2	0	1	1	0	0	0	0	**305**
07:00	0	365	148	1	63	0	0	4	0	0	0	0	0	**581**
08:00	0	490	195	3	54	0	0	4	1	0	0	0	0	**747**
09:00	0	477	191	2	38	1	0	1	0	0	0	0	0	**710**
10:00	0	560	177	4	56	0	0	4	0	0	0	0	0	**801**
11:00	0	612	203	2	52	0	0	2	0	0	0	0	0	**871**
12:00 PM	0	722	216	6	45	1	0	6	1	0	0	0	0	**997**
13:00	1	698	191	3	68	1	0	4	0	0	0	0	0	**966**
14:00	2	629	197	4	44	1	0	5	1	0	0	0	0	**883**
15:00	0	558	197	1	36	1	0	1	0	0	0	0	0	**794**
16:00	0	762	255	1	56	1	0	6	0	0	0	0	0	**1081**
17:00	0	705	214	0	41	1	0	3	0	0	0	0	0	**964**
18:00	0	491	123	0	12	0	0	0	0	0	0	0	0	**626**
19:00	0	355	108	3	17	0	0	1	0	0	0	0	0	**484**
20:00	0	203	72	1	16	0	0	0	0	0	0	0	0	**292**
21:00	0	130	30	0	6	0	0	1	0	0	0	0	0	**167**
22:00	0	88	21	0	2	0	0	2	0	0	1	0	0	**114**
23:00	0	35	7	0	1	0	0	0	0	0	0	0	0	**43**
Totals	**3**	**8214**	**2726**	**34**	**669**	**9**		**45**	**4**		**3**			**11707**
% of Totals	0%	70%	23%	0%	6%	0%		0%	0%		0%			100%

AM Volumes	0	2838	1095	15	325	3	0	16	2	0	2	0	0	4296
% AM		24%	9%	0%	3%	0%		0%	0%		0%			37%
AM Peak Hour		11:00	11:00	10:00	07:00	06:00		07:00	06:00					11:00
Volume		612	203	4	63	2		4	1		1			871
PM Volumes	3	5376	1631	19	344	6	0	29	2	0	1	0	0	7411
% PM	0%	46%	14%	0%	3%	0%		0%	0%		0%			63%
PM Peak Hour	14:00	16:00	16:00	12:00	13:00	12:00		12:00	12:00		22:00			16:00
Volume	2	762	255	6	68	1		6	1		1			1081

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	1328		11%	1963		17%	2045		17%	6371		54%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Brunswick Rd Bet. Whispering Pines Ln & SR 49

Day: Tuesday
Date: 9/10/2019

City: Grass Valley
Project #: CA19_7288_003

DAILY TOTALS	NB	SB	EB	WB	Total
	5,965	5,895	0	0	11,860

AM Period	NB		SB		EB	WB	TOTAL		PM Period	NB		SB		EB	WB	TOTAL	
00:00	2		2		0	0	4		**12:00**	141		128		0	0	269	
00:15	3		7		0	0	10		**12:15**	127		138		0	0	265	
00:30	1		4		0	0	5		**12:30**	107		115		0	0	222	
00:45	1	7	3	16	0	0	4	23	**12:45**	122	497	115	496	0	0	237	993
01:00	4		9		0	0	13		**13:00**	127		121		0	0	248	
01:15	2		3		0	0	5		**13:15**	104		94		0	0	198	
01:30	1		1		0	0	2		**13:30**	113		94		0	0	207	
01:45	1	8	1	14	0	0	2	22	**13:45**	119	463	119	428	0	0	238	891
02:00	2		1		0	0	3		**14:00**	99		106		0	0	205	
02:15	3		1		0	0	4		**14:15**	98		117		0	0	215	
02:30	1		1		0	0	2		**14:30**	110		126		0	0	236	
02:45	1	7	1	4	0	0	2	11	**14:45**	102	409	114	463	0	0	216	872
03:00	0		2		0	0	2		**15:00**	99		131		0	0	230	
03:15	1		1		0	0	2		**15:15**	133		114		0	0	247	
03:30	7		2		0	0	9		**15:30**	145		130		0	0	275	
03:45	3	11	5	10	0	0	8	21	**15:45**	132	509	131	506	0	0	263	1015
04:00	1		4		0	0	5		**16:00**	117		125		0	0	242	
04:15	2		4		0	0	6		**16:15**	125		129		0	0	254	
04:30	6		6		0	0	12		**16:30**	151		135		0	0	286	
04:45	10	19	8	22	0	0	18	41	**16:45**	97	490	143	532	0	0	240	1022
05:00	10		8		0	0	18		**17:00**	117		141		0	0	258	
05:15	20		16		0	0	36		**17:15**	119		147		0	0	266	
05:30	12		21		0	0	33		**17:30**	102		141		0	0	243	
05:45	29	71	30	75	0	0	59	146	**17:45**	62	400	99	528	0	0	161	928
06:00	29		26		0	0	55		**18:00**	73		95		0	0	168	
06:15	25		29		0	0	54		**18:15**	65		76		0	0	141	
06:30	45		33		0	0	78		**18:30**	65		75		0	0	140	
06:45	60	159	61	149	0	0	121	308	**18:45**	48	251	93	339	0	0	141	590
07:00	80		44		0	0	124		**19:00**	56		83		0	0	139	
07:15	90		55		0	0	145		**19:15**	58		77		0	0	135	
07:30	117		58		0	0	175		**19:30**	62		70		0	0	132	
07:45	146	433	88	245	0	0	234	678	**19:45**	43	219	42	272	0	0	85	491
08:00	140		65		0	0	205		**20:00**	36		37		0	0	73	
08:15	133		100		0	0	233		**20:15**	35		47		0	0	82	
08:30	110		87		0	0	197		**20:30**	33		43		0	0	76	
08:45	133	516	81	333	0	0	214	849	**20:45**	20	124	36	163	0	0	56	287
09:00	108		78		0	0	186		**21:00**	19		40		0	0	59	
09:15	104		86		0	0	190		**21:15**	18		26		0	0	44	
09:30	100		92		0	0	192		**21:30**	13		18		0	0	31	
09:45	95	407	91	347	0	0	186	754	**21:45**	4	54	23	107	0	0	27	161
10:00	103		83		0	0	186		**22:00**	12		10		0	0	22	
10:15	101		80		0	0	181		**22:15**	9		13		0	0	22	
10:30	97		93		0	0	190		**22:30**	8		11		0	0	19	
10:45	112	413	102	358	0	0	214	771	**22:45**	10	39	12	46	0	0	22	85
11:00	84		103		0	0	187		**23:00**	7		10		0	0	17	
11:15	99		93		0	0	192		**23:15**	3		11		0	0	14	
11:30	118		97		0	0	215		**23:30**	2		8		0	0	10	
11:45	145	446	114	407	0	0	259	853	**23:45**	1	13	6	35	0	0	7	48
TOTALS		2497		1980				**4477**	**TOTALS**		3468		3915				**7383**
SPLIT %		55.8%		44.2%				**37.7%**	**SPLIT %**		47.0%		53.0%				**62.3%**

DAILY TOTALS	NB	SB	EB	WB	Total
	5,965	5,895	0	0	11,860

AM Peak Hour	07:30	11:45					**11:45**	**PM Peak Hour**	15:15	16:45					**16:30**
AM Pk Volume	536	495					**1015**	**PM Pk Volume**	527	572					**1050**
Pk Hr Factor	0.918	0.897					**0.943**	**Pk Hr Factor**	0.909	0.973					**0.918**
7 - 9 Volume	949	578	0	0			**1527**	**4 - 6 Volume**	890	1060	0	0			**1950**
7 - 9 Peak Hour	07:30	07:45					**07:45**	**4 - 6 Peak Hour**	16:00	16:45					**16:30**
7 - 9 Pk Volume	536	340	0	0			**869**	**4 - 6 Pk Volume**	490	572	0	0			**1050**
Pk Hr Factor	0.918	0.850	0.000	0.000			**0.928**	**Pk Hr Factor**	0.811	0.973	0.000	0.000			**0.918**

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Whispering Pines Ln & SR 49

Day: Tuesday
Date: 9/10/2019

City: Grass Valley
Project #: CA19_7288_003n

North Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	6	0	0	0	0	0	0	0	0	1	0	0	7
01:00	0	5	3	0	0	0	0	0	0	0	0	0	0	8
02:00	0	6	1	0	0	0	0	0	0	0	0	0	0	7
03:00	0	8	2	0	1	0	0	0	0	0	0	0	0	11
04:00	0	10	8	0	1	0	0	0	0	0	0	0	0	19
05:00	0	35	19	0	17	0	0	0	0	0	0	0	0	71
06:00	0	90	56	0	13	0	0	0	0	0	0	0	0	159
07:00	0	275	114	1	40	0	0	2	0	0	1	0	0	433
08:00	0	364	128	3	21	0	0	0	0	0	0	0	0	516
09:00	0	293	99	0	13	0	0	2	0	0	0	0	0	407
10:00	0	296	96	2	16	0	0	3	0	0	0	0	0	413
11:00	0	327	100	1	17	0	0	1	0	0	0	0	0	446
12:00 PM	0	358	117	0	18	0	0	4	0	0	0	0	0	497
13:00	0	352	88	2	21	0	0	0	0	0	0	0	0	463
14:00	0	289	100	0	16	0	0	4	0	0	0	0	0	409
15:00	0	354	128	0	25	0	0	2	0	0	0	0	0	509
16:00	0	360	108	1	18	0	0	3	0	0	0	0	0	490
17:00	0	285	101	0	14	0	0	0	0	0	0	0	0	400
18:00	0	201	43	1	4	0	0	2	0	0	0	0	0	251
19:00	0	162	52	1	4	0	0	0	0	0	0	0	0	219
20:00	0	97	23	0	4	0	0	0	0	0	0	0	0	124
21:00	0	44	6	0	2	0	0	1	0	0	1	0	0	54
22:00	0	26	12	0	1	0	0	0	0	0	0	0	0	39
23:00	0	11	2	0	0	0	0	0	0	0	0	0	0	13
Totals		**4254**	**1406**	**12**	**266**			**24**			**3**			**5965**
% of Totals		71%	24%	0%	4%			0%			0%			100%

AM Volumes	0	1715	626	7	139	0	0	8	0	0	2	0	0	2497
% AM		29%	10%	0%	2%			0%			0%			42%
AM Peak Hour		08:00	08:00	08:00	07:00			10:00						08:00
Volume		364	128	3	40			3			1			516
PM Volumes	0	2539	780	5	127	0	0	16	0	0	1	0	0	3468
% PM		43%	13%	0%	2%			0%			0%			58%
PM Peak Hour		16:00	15:00	13:00	15:00			12:00			21:00			15:00
Volume		360	128	2	25			4			1			509

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	949		16%	960		16%	890		15%	3166		53%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Whispering Pines Ln & SR 49

Day: Tuesday
Date: 9/10/2019

City: Grass Valley
Project #: CA19_7288_003s

South Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	12	3	0	1	0	0	0	0	0	0	0	0	16
01:00	0	10	1	1	1	1	0	0	0	0	0	0	0	14
02:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
03:00	0	6	2	0	2	0	0	0	0	0	0	0	0	10
04:00	0	15	5	0	1	0	0	0	0	0	1	0	0	22
05:00	0	37	28	0	10	0	0	0	0	0	0	0	0	75
06:00	0	88	48	1	12	0	0	0	0	0	0	0	0	149
07:00	0	156	65	1	22	0	0	1	0	0	0	0	0	245
08:00	0	225	81	0	23	0	0	4	0	0	0	0	0	333
09:00	0	233	95	0	19	0	0	0	0	0	0	0	0	347
10:00	0	246	92	0	18	0	0	2	0	0	0	0	0	358
11:00	0	285	104	1	16	0	0	1	0	0	0	0	0	407
12:00 PM	0	371	101	0	21	0	0	3	0	0	0	0	0	496
13:00	0	295	97	4	30	0	0	2	0	0	0	0	0	428
14:00	0	313	120	1	27	0	0	2	0	0	0	0	0	463
15:00	0	360	117	1	25	1	0	1	0	0	1	0	0	506
16:00	0	377	125	0	29	0	0	1	0	0	0	0	0	532
17:00	0	401	112	0	12	0	0	3	0	0	0	0	0	528
18:00	0	264	63	0	12	0	0	0	0	0	0	0	0	339
19:00	0	200	59	1	12	0	0	0	0	0	0	0	0	272
20:00	0	129	25	1	7	0	0	1	0	0	0	0	0	163
21:00	0	87	16	0	4	0	0	0	0	0	0	0	0	107
22:00	0	34	11	0	0	0	0	1	0	0	0	0	0	46
23:00	0	30	4	0	1	0	0	0	0	0	0	0	0	35
Totals		**4177**	**1375**	**12**	**305**	**2**		**22**			**2**			**5895**
% of Totals		71%	23%	0%	5%	0%		0%			0%			100%

AM Volumes	0	1316	525	4	125	1	0	8	0	0	1	0	0	1980
% AM		22%	9%	0%	2%	0%		0%			0%			34%
AM Peak Hour		11:00	11:00	01:00	08:00	01:00		08:00			04:00			11:00
Volume		285	104	1	23	1		4			1			407
PM Volumes	0	2861	850	8	180	1	0	14	0	0	1	0	0	3915
% PM		49%	14%	0%	3%	0%		0%			0%			66%
PM Peak Hour		17:00	16:00	13:00	13:00	15:00		12:00			15:00			16:00
Volume		401	125	4	30	1		3			1			532

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	578		10%	924		16%	1060		18%	3333		57%

Classification Definitions

1	Motorcycles	**4**	Buses	**7**	> =4-Axle Single Units	**10**	>=6-Axle Single Trailers	**13**	>=7-Axle Multi-Trailers
2	Passenger Cars	**5**	2-Axle, 6-Tire Single Units	**8**	<=4-Axle Single Trailers	**11**	<=5-Axle Multi-Trailers		
3	2-Axle, 4-Tire Single Units	**6**	3-Axle Single Units	**9**	5-Axle Single Trailers	**12**	6-Axle Multi-Trailers		

Prepared by National Data & Surveying Services

CLASSIFICATION

Brunswick Rd Bet. Whispering Pines Ln & SR 49

Day: Tuesday
Date: 9/10/2019

City: Grass Valley
Project #: CA19_7288_003

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	18	3	0	1	0	0	0	0	0	1	0	0	23
01:00	0	15	4	1	1	1	0	0	0	0	0	0	0	22
02:00	0	9	2	0	0	0	0	0	0	0	0	0	0	11
03:00	0	14	4	0	3	0	0	0	0	0	0	0	0	21
04:00	0	25	13	0	2	0	0	0	0	0	1	0	0	41
05:00	0	72	47	0	27	0	0	0	0	0	0	0	0	146
06:00	0	178	104	1	25	0	0	0	0	0	0	0	0	308
07:00	0	431	179	2	62	0	0	3	0	0	1	0	0	678
08:00	0	589	209	3	44	0	0	4	0	0	0	0	0	849
09:00	0	526	194	0	32	0	0	2	0	0	0	0	0	754
10:00	0	542	188	2	34	0	0	5	0	0	0	0	0	771
11:00	0	612	204	2	33	0	0	2	0	0	0	0	0	853
12:00 PM	0	729	218	0	39	0	0	7	0	0	0	0	0	993
13:00	0	647	185	6	51	0	0	2	0	0	0	0	0	891
14:00	0	602	220	1	43	0	0	6	0	0	0	0	0	872
15:00	0	714	245	1	50	1	0	3	0	0	1	0	0	1015
16:00	0	737	233	1	47	0	0	4	0	0	0	0	0	1022
17:00	0	686	213	0	26	0	0	3	0	0	0	0	0	928
18:00	0	465	106	1	16	0	0	2	0	0	0	0	0	590
19:00	0	362	111	2	16	0	0	0	0	0	0	0	0	491
20:00	0	226	48	1	11	0	0	1	0	0	0	0	0	287
21:00	0	131	22	0	6	0	0	1	0	0	1	0	0	161
22:00	0	60	23	0	1	0	0	1	0	0	0	0	0	85
23:00	0	41	6	0	1	0	0	0	0	0	0	0	0	48
Totals		**8431**	**2781**	**24**	**571**	**2**		**46**			**5**			**11860**
% of Totals		71%	23%	0%	5%	0%		0%			0%			100%

AM Volumes	0	3031	1151	11	264	1	0	16	0	0	3	0	0	4477
% AM		26%	10%	0%	2%	0%		0%			0%			38%
AM Peak Hour		11:00	08:00	08:00	07:00	01:00		10:00						11:00
Volume		612	209	3	62	1		5			1			853
PM Volumes	0	5400	1630	13	307	1	0	30	0	0	2	0	0	7383
% PM		46%	14%	0%	3%	0%		0%			0%			62%
PM Peak Hour		16:00	15:00	13:00	13:00	15:00		12:00			15:00			16:00
Volume		737	245	6	51	1		7			1			1022

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	1527		13%	1884		16%	1950		16%	6499		55%

Classification Definitions

1	Motorcycles	**4**	Buses	**7**	> =4-Axle Single Units	**10**	>=6-Axle Single Trailers	**13**	>=7-Axle Multi-Trailers
2	Passenger Cars	**5**	2-Axle, 6-Tire Single Units	**8**	<=4-Axle Single Trailers	**11**	<=5-Axle Multi-Trailers		
3	2-Axle, 4-Tire Single Units	**6**	3-Axle Single Units	**9**	5-Axle Single Trailers	**12**	6-Axle Multi-Trailers		

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

E Bennett Rd W/O Brunswick Rd

Day: Wednesday
Date: 9/4/2019

City: Grass Valley
Project #: CA19_7288_009

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	753	781	1,534

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
00:00	0	0	0		0				**12:00**	0	0	14		17		31	
00:15	0	0	1		0		1		**12:15**	0	0	13		8		21	
00:30	0	0	0		0				**12:30**	0	0	13		11		24	
00:45	0	0	0	1	0			1	**12:45**	0	0	14	54	12	48	26	102
01:00	0	0	1		1		2		**13:00**	0	0	15		7		22	
01:15	0	0	1		0		1		**13:15**	0	0	9		17		26	
01:30	0	0	0		0				**13:30**	0	0	12		13		25	
01:45	0	0	1	3	0	1	1	4	**13:45**	0	0	10	46	13	50	23	96
02:00	0	0	0		0				**14:00**	0	0	10		17		27	
02:15	0	0	0		0				**14:15**	0	0	20		18		38	
02:30	0	0	0		1		1		**14:30**	0	0	19		17		36	
02:45	0	0	0		0	1		1	**14:45**	0	0	12	61	19	71	31	132
03:00	0	0	0		0				**15:00**	0	0	14		10		24	
03:15	0	0	0		1		1		**15:15**	0	0	13		18		31	
03:30	0	0	1		1		2		**15:30**	0	0	14		13		27	
03:45	0	0	0	1	0	2		3	**15:45**	0	0	18	59	13	54	31	113
04:00	0	0	0		0				**16:00**	0	0	16		8		24	
04:15	0	0	1		0		1		**16:15**	0	0	20		14		34	
04:30	0	0	2		1		3		**16:30**	0	0	14		21		35	
04:45	0	0	0	3	0	1		4	**16:45**	0	0	18	68	13	56	31	124
05:00	0	0	1		2		3		**17:00**	0	0	14		20		34	
05:15	0	0	1		3		4		**17:15**	0	0	21		26		47	
05:30	0	0	2		2		4		**17:30**	0	0	15		11		26	
05:45	0	0	7	11	0	7	7	18	**17:45**	0	0	10	60	21	78	31	138
06:00	0	0	1		3		4		**18:00**	0	0	17		11		28	
06:15	0	0	2		10		12		**18:15**	0	0	8		6		14	
06:30	0	0	8		11		19		**18:30**	0	0	16		9		25	
06:45	0	0	7	18	12	36	19	54	**18:45**	0	0	13	54	11	37	24	91
07:00	0	0	7		9		16		**19:00**	0	0	8		3		11	
07:15	0	0	7		10		17		**19:15**	0	0	9		7		16	
07:30	0	0	17		17		34		**19:30**	0	0	6		5		11	
07:45	0	0	14	45	23	59	37	104	**19:45**	0	0	4	27	7	22	11	49
08:00	0	0	12		29		41		**20:00**	0	0	13		4		17	
08:15	0	0	12		18		30		**20:15**	0	0	5		5		10	
08:30	0	0	13		16		29		**20:30**	0	0	10		5		15	
08:45	0	0	15	52	15	78	30	130	**20:45**	0	0	5	33	3	17	8	50
09:00	0	0	23		13		36		**21:00**	0	0	8		5		13	
09:15	0	0	12		19		31		**21:15**	0	0	6		1		7	
09:30	0	0	15		13		28		**21:30**	0	0	4		2		6	
09:45	0	0	9	59	16	61	25	120	**21:45**	0	0	4	22	0	8	4	30
10:00	0	0	2		8		10		**22:00**	0	0	4		2		6	
10:15	0	0	8		6		14		**22:15**	0	0	3		1		4	
10:30	0	0	7		10		17		**22:30**	0	0	1		2		3	
10:45	0	0	8	25	10	34	18	59	**22:45**	0	0	0	8	2	7	2	15
11:00	0	0	10		7		17		**23:00**	0	0	0		1		1	
11:15	0	0	10		14		24		**23:15**	0	0	0		1		1	
11:30	0	0	8		14		22		**23:30**	0	0	1		1		2	
11:45	0	0	14	42	15	50	29	92	**23:45**	0	0	0	1	0	3		4
TOTALS				260		330		**590**	**TOTALS**				493		451		**944**
SPLIT %				44.1%		55.9%		**38.5%**	**SPLIT %**				52.2%		47.8%		**61.5%**

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	753	781	1,534

AM Peak Hour				08:45		07:30		**07:30**	**PM Peak Hour**				15:30		16:30		**16:30**
AM Pk Volume				65		87		**142**	**PM Pk Volume**				68		80		**147**
Pk Hr Factor				0.707		0.750		**0.866**	**Pk Hr Factor**				0.850		0.769		**0.782**
7 - 9 Volume	0	0		97		137		**234**	**4 - 6 Volume**	0	0		128		134		**262**
7 - 9 Peak Hour				07:30		07:30		**07:30**	**4 - 6 Peak Hour**				16:00		16:30		**16:30**
7 - 9 Pk Volume	0	0		55		87		**142**	**4 - 6 Pk Volume**	0	0		68		80		**147**
Pk Hr Factor	0.000	0.000		0.809		0.750		**0.866**	**Pk Hr Factor**	0.000	0.000		0.850		0.769		**0.782**

Prepared by National Data & Surveying Services

CLASSIFICATION

E Bennett Rd W/O Brunswick Rd

Day: Wednesday
Date: 9/4/2019

City: Grass Valley
Project #: CA19_7288_009e

East Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	2	0	0	0	0	0	0	1	0	0	0	0	3
05:00	0	4	5	0	2	0	0	0	0	0	0	0	0	11
06:00	0	9	7	0	1	1	0	0	0	0	0	0	0	18
07:00	0	28	8	4	5	0	0	0	0	0	0	0	0	45
08:00	0	32	13	1	5	1	0	0	0	0	0	0	0	52
09:00	0	36	19	0	3	1	0	0	0	0	0	0	0	59
10:00	0	14	8	0	3	0	0	0	0	0	0	0	0	25
11:00	0	24	11	1	5	0	0	0	1	0	0	0	0	42
12:00 PM	0	38	14	0	1	1	0	0	0	0	0	0	0	54
13:00	1	30	12	0	2	1	0	0	0	0	0	0	0	46
14:00	0	38	18	1	2	1	0	0	1	0	0	0	0	61
15:00	1	39	14	0	5	0	0	0	0	0	0	0	0	59
16:00	0	44	18	0	6	0	0	0	0	0	0	0	0	68
17:00	1	43	13	0	2	1	0	0	0	0	0	0	0	60
18:00	0	34	14	2	4	0	0	0	0	0	0	0	0	54
19:00	2	21	4	0	0	0	0	0	0	0	0	0	0	27
20:00	1	29	2	0	1	0	0	0	0	0	0	0	0	33
21:00	0	17	5	0	0	0	0	0	0	0	0	0	0	22
22:00	0	3	2	0	2	0	0	1	0	0	0	0	0	8
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Totals	**6**	**491**	**187**	**9**	**49**	**7**		**1**	**3**					**753**
% of Totals	1%	65%	25%	1%	7%	1%		0%	0%					100%

AM Volumes	0	154	71	6	24	3	0	0	2	0	0	0	0	260
% AM		20%	9%	1%	3%	0%			0%					35%
AM Peak Hour		09:00	09:00	07:00	07:00	06:00			04:00					09:00
Volume		36	19	4	5	1			1					59
PM Volumes	6	337	116	3	25	4	0	1	1	0	0	0	0	493
% PM	1%	45%	15%	0%	3%	1%		0%	0%					65%
PM Peak Hour	19:00	16:00	14:00	18:00	16:00	12:00		22:00	14:00					16:00
Volume	2	44	18	2	6	1		1	1					68

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	97		13%	100		13%	128		17%	428		57%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

E Bennett Rd W/O Brunswick Rd

Day: Wednesday
Date: 9/4/2019

City: Grass Valley
Project #: CA19_7288_009w

West Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	1	0	0	1	0	0	0	0	0	0	0	0	2
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	5	0	0	1	1	0	0	0	0	0	0	0	7
06:00	0	18	9	0	8	1	0	0	0	0	0	0	0	36
07:00	0	42	13	0	4	0	0	0	0	0	0	0	0	59
08:00	0	55	18	2	2	1	0	0	0	0	0	0	0	78
09:00	0	44	13	0	2	2	0	0	0	0	0	0	0	61
10:00	0	22	11	0	1	0	0	0	0	0	0	0	0	34
11:00	0	38	11	0	1	0	0	0	0	0	0	0	0	50
12:00 PM	0	31	13	0	4	0	0	0	0	0	0	0	0	48
13:00	0	36	11	1	1	1	0	0	0	0	0	0	0	50
14:00	0	46	16	5	4	0	0	0	0	0	0	0	0	71
15:00	0	41	10	2	1	0	0	0	0	0	0	0	0	54
16:00	1	32	16	0	6	0	0	1	0	0	0	0	0	56
17:00	1	63	13	0	1	0	0	0	0	0	0	0	0	78
18:00	0	28	9	0	0	0	0	0	0	0	0	0	0	37
19:00	0	18	4	0	0	0	0	0	0	0	0	0	0	22
20:00	0	15	2	0	0	0	0	0	0	0	0	0	0	17
21:00	0	7	1	0	0	0	0	0	0	0	0	0	0	8
22:00	0	6	1	0	0	0	0	0	0	0	0	0	0	7
23:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
Totals	**2**	**553**	**172**	**10**	**37**	**6**		**1**						**781**
% of Totals	0%	71%	22%	1%	5%	1%		0%						100%

AM Volumes	0	228	75	2	20	5	0	0	0	0	0	0	0	330
% AM		29%	10%	0%	3%	1%								42%
AM Peak Hour		08:00	08:00	08:00	06:00	09:00								08:00
Volume		55	18	2	8	2								78
PM Volumes	2	325	97	8	17	1	0	1	0	0	0	0	0	451
% PM	0%	42%	12%	1%	2%	0%		0%						58%
PM Peak Hour	16:00	17:00	14:00	14:00	16:00	13:00		16:00						17:00
Volume	1	63	16	5	6	1		1						78

Directional Peak Periods	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	137	18%	98	13%	134	17%	412	53%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

E Bennett Rd W/O Brunswick Rd

Day: Wednesday
Date: 9/4/2019

City: Grass Valley
Project #: CA19_7288_009

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	2	0	0	1	0	0	0	0	0	0	0	0	3
04:00	0	3	0	0	0	0	0	0	1	0	0	0	0	4
05:00	0	9	5	0	3	1	0	0	0	0	0	0	0	18
06:00	0	27	16	0	9	2	0	0	0	0	0	0	0	54
07:00	0	70	21	4	9	0	0	0	0	0	0	0	0	104
08:00	0	87	31	3	7	2	0	0	0	0	0	0	0	130
09:00	0	80	32	0	5	3	0	0	0	0	0	0	0	120
10:00	0	36	19	0	4	0	0	0	0	0	0	0	0	59
11:00	0	62	22	1	6	0	0	0	1	0	0	0	0	92
12:00 PM	0	69	27	0	5	1	0	0	0	0	0	0	0	102
13:00	1	66	23	1	3	2	0	0	0	0	0	0	0	96
14:00	0	84	34	6	6	1	0	0	1	0	0	0	0	132
15:00	1	80	24	2	6	0	0	0	0	0	0	0	0	113
16:00	1	76	34	0	12	0	0	1	0	0	0	0	0	124
17:00	2	106	26	0	3	1	0	0	0	0	0	0	0	138
18:00	0	62	23	2	4	0	0	0	0	0	0	0	0	91
19:00	2	39	8	0	0	0	0	0	0	0	0	0	0	49
20:00	1	44	4	0	1	0	0	0	0	0	0	0	0	50
21:00	0	24	6	0	0	0	0	0	0	0	0	0	0	30
22:00	0	9	3	0	2	0	0	1	0	0	0	0	0	15
23:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
Totals	**8**	**1044**	**359**	**19**	**86**	**13**		**2**	**3**					**1534**
% of Totals	1%	68%	23%	1%	6%	1%		0%	0%					100%

AM Volumes	0	382	146	8	44	8	0	0	2	0	0	0	0	590
% AM		25%	10%	1%	3%	1%			0%					38%
AM Peak Hour		08:00	09:00	07:00	06:00	09:00			04:00					08:00
Volume		87	32	4	9	3			1					130
PM Volumes	8	662	213	11	42	5	0	2	1	0	0	0	0	944
% PM	1%	43%	14%	1%	3%	0%		0%	0%					62%
PM Peak Hour	17:00	17:00	14:00	14:00	16:00	13:00		16:00	14:00					17:00
Volume	2	106	34	6	12	2		1	1					138

Directional Peak Periods All Classes	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
	Volume	%	Volume	%	Volume	%	Volume	%
	234	15%	198	13%	262	17%	840	55%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

E Bennett Rd W/O Brunswick Rd

Day: Thursday
Date: 9/5/2019

City: Grass Valley
Project #: CA19_7288_009

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	717	762	1,479

AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00	0	0	0	0		12:00	0	0	9	13	22
00:15	0	0	0	0		12:15	0	0	10	10	20
00:30	0	0	0	0		12:30	0	0	14	9	23
00:45	0	0	0	0		12:45	0	0	13	7	20
01:00	0	0	0	0		13:00	0	0	11	14	25
01:15	0	0	0	0		13:15	0	0	13	12	25
01:30	0	0	0	0		13:30	0	0	6	13	19
01:45	0	0	0	0		13:45	0	0	17	12	29
02:00	0	0	0	0		14:00	0	0	13	13	26
02:15	0	0	0	0		14:15	0	0	7	18	25
02:30	0	0	0	0		14:30	0	0	16	12	28
02:45	0	0	0	0		14:45	0	0	17	19	36
03:00	0	0	0	0		15:00	0	0	19	13	32
03:15	0	0	0	0		15:15	0	0	9	15	24
03:30	0	0	0	0		15:30	0	0	17	24	41
03:45	0	0	0	0		15:45	0	0	13	27	40
04:00	0	0	0	0		16:00	0	0	15	20	35
04:15	0	0	0	1	1	16:15	0	0	9	11	20
04:30	0	0	1	0	1	16:30	0	0	23	19	42
04:45	0	0	1	2 1 2	2 4	16:45	0	0	21	10	31
05:00	0	0	0	1	1	17:00	0	0	20	26	46
05:15	0	0	1	2	3	17:15	0	0	9	12	21
05:30	0	0	4	0	4	17:30	0	0	22	12	34
05:45	0	0	4	9 2 5	6 14	17:45	0	0	14	14	28
06:00	0	0	2	3	5	18:00	0	0	13	10	23
06:15	0	0	0	14	14	18:15	0	0	12	6	18
06:30	0	0	8	7	15	18:30	0	0	15	8	23
06:45	0	0	8	18 11 35	19 53	18:45	0	0	17	8	25
07:00	0	0	6	13	19	19:00	0	0	10	8	18
07:15	0	0	6	16	22	19:15	0	0	8	5	13
07:30	0	0	14	15	29	19:30	0	0	9	4	13
07:45	0	0	16	42 19 63	35 105	19:45	0	0	14	5	19
08:00	0	0	8	30	38	20:00	0	0	14	3	17
08:15	0	0	17	15	32	20:15	0	0	3	2	5
08:30	0	0	13	24	37	20:30	0	0	5	6	11
08:45	0	0	14	52 28 97	42 149	20:45	0	0	2	4	6
09:00	0	0	13	11	24	21:00	0	0	3	1	4
09:15	0	0	12	16	28	21:15	0	0	4	1	5
09:30	0	0	9	9	18	21:30	0	0	5	0	5
09:45	0	0	9	43 8 44	17 87	21:45	0	0	2	3	5
10:00	0	0	9	11	20	22:00	0	0	2	0	2
10:15	0	0	7	11	18	22:15	0	0	2	1	3
10:30	0	0	10	14	24	22:30	0	0	2	0	2
10:45	0	0	7	33 8 44	15 77	22:45	0	0	0	2	2
11:00	0	0	9	9	18	23:00	0	0	1	0	1
11:15	0	0	13	7	20	23:15	0	0	1	2	3
11:30	0	0	5	12	17	23:30	0	0	0	1	1
11:45	0	0	8	35 7 35	15 70	23:45	0	0	2	2	4
TOTALS				234 325	559	TOTALS				483 437	920
SPLIT %				41.9% 58.1%	37.8%	SPLIT %				52.5% 47.5%	62.2%

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	717	762	1,479

AM Peak Hour			08:15	08:00	08:00	PM Peak Hour			16:15	15:15	15:15
AM Pk Volume			57	97	149	PM Pk Volume			73	86	140
Pk Hr Factor			0.838	0.808	0.887	Pk Hr Factor			0.793	0.796	0.854
7 - 9 Volume	0	0	94	160	254	4 - 6 Volume	0	0	133	124	257
7 - 9 Peak Hour			07:30	08:00	08:00	4 - 6 Peak Hour			16:15	16:30	16:30
7 - 9 Pk Volume	0	0	55	97	149	4 - 6 Pk Volume	0	0	73	67	140
Pk Hr Factor	0.000	0.000	0.809	0.808	0.887	Pk Hr Factor	0.000	0.000	0.793	0.644	0.761

Prepared by National Data & Surveying Services

CLASSIFICATION

E Bennett Rd W/O Brunswick Rd

Day: Thursday
Date: 9/5/2019

City: Grass Valley
Project #: CA19_7288_009e

East Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
05:00	0	5	4	0	0	0	0	0	0	0	0	0	0	9
06:00	0	11	7	0	0	0	0	0	0	0	0	0	0	18
07:00	0	23	11	4	3	1	0	0	0	0	0	0	0	42
08:00	0	38	7	1	5	0	0	1	0	0	0	0	0	52
09:00	0	34	6	0	0	2	0	0	1	0	0	0	0	43
10:00	0	26	5	0	2	0	0	0	0	0	0	0	0	33
11:00	0	23	10	0	2	0	0	0	0	0	0	0	0	35
12:00 PM	0	22	15	0	8	0	0	0	1	0	0	0	0	46
13:00	0	36	8	0	3	0	0	0	0	0	0	0	0	47
14:00	0	36	12	0	4	0	0	1	0	0	0	0	0	53
15:00	0	39	16	0	3	0	0	0	0	0	0	0	0	58
16:00	1	52	13	0	2	0	0	0	0	0	0	0	0	68
17:00	0	47	13	0	4	0	0	1	0	0	0	0	0	65
18:00	0	48	7	0	2	0	0	0	0	0	0	0	0	57
19:00	0	32	8	0	1	0	0	0	0	0	0	0	0	41
20:00	0	22	1	0	1	0	0	0	0	0	0	0	0	24
21:00	0	10	3	0	1	0	0	0	0	0	0	0	0	14
22:00	0	4	2	0	0	0	0	0	0	0	0	0	0	6
23:00	1	2	1	0	0	0	0	0	0	0	0	0	0	4
Totals	**2**	**512**	**149**	**5**	**41**	**3**		**3**	**2**					**717**
% of Totals	0%	71%	21%	1%	6%	0%		0%	0%					100%

AM Volumes	0	162	50	5	12	3	0	1	1	0	0	0	0	234
% AM		23%	7%	1%	2%	0%		0%	0%					33%
AM Peak Hour		08:00	07:00	07:00	08:00	09:00		08:00	09:00					08:00
Volume		38	11	4	5	2		1	1					52
PM Volumes	2	350	99	0	29	0	0	2	1	0	0	0	0	483
% PM	0%	49%	14%		4%			0%	0%					67%
PM Peak Hour	16:00	16:00	15:00		12:00			14:00	12:00					16:00
Volume	1	52	16		8			1	1					68

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	94		13%	93		13%	133		19%	397		55%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

CLASSIFICATION

E Bennett Rd W/O Brunswick Rd

Day: Thursday
Date: 9/5/2019

City: Grass Valley
Project #: CA19_7288_009w

West Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
05:00	0	2	2	0	1	0	0	0	0	0	0	0	0	5
06:00	0	25	5	1	3	1	0	0	0	0	0	0	0	35
07:00	0	45	12	0	5	0	0	1	0	0	0	0	0	63
08:00	0	61	26	2	8	0	0	0	0	0	0	0	0	97
09:00	0	30	10	0	4	0	0	0	0	0	0	0	0	44
10:00	0	30	10	0	3	0	0	1	0	0	0	0	0	44
11:00	0	23	10	0	2	0	0	0	0	0	0	0	0	35
12:00 PM	0	29	8	1	1	0	0	0	0	0	0	0	0	39
13:00	0	30	16	0	3	0	0	1	1	0	0	0	0	51
14:00	0	38	19	1	3	1	0	0	0	0	0	0	0	62
15:00	0	55	17	1	6	0	0	0	0	0	0	0	0	79
16:00	0	41	12	3	4	0	0	0	0	0	0	0	0	60
17:00	0	49	11	0	4	0	0	0	0	0	0	0	0	64
18:00	0	23	8	0	1	0	0	0	0	0	0	0	0	32
19:00	0	13	7	0	2	0	0	0	0	0	0	0	0	22
20:00	0	12	3	0	0	0	0	0	0	0	0	0	0	15
21:00	0	4	1	0	0	0	0	0	0	0	0	0	0	5
22:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
23:00	0	5	0	0	0	0	0	0	0	0	0	0	0	5
Totals		**518**	**179**	**9**	**50**	**2**		**3**	**1**					**762**
% of Totals		68%	23%	1%	7%	0%		0%	0%					100%

AM Volumes	0	217	76	3	26	1	0	2	0	0	0	0	0	325
% AM		28%	10%	0%	3%	0%		0%						43%
AM Peak Hour		08:00	08:00	08:00	08:00	06:00		07:00						08:00
Volume		61	26	2	8	1		1						97
PM Volumes	0	301	103	6	24	1	0	1	1	0	0	0	0	437
% PM		40%	14%	1%	3%	0%		0%	0%					57%
PM Peak Hour		15:00	14:00	16:00	15:00	14:00		13:00	13:00					15:00
Volume		55	19	3	6	1		1	1					79

Directional Peak Periods	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	160	21%	90	12%	124	16%	388	51%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

CLASSIFICATION

E Bennett Rd W/O Brunswick Rd

Day: Thursday
Date: 9/5/2019

City: Grass Valley
Project #: CA19_7288_009

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
05:00	0	7	6	0	1	0	0	0	0	0	0	0	0	14
06:00	0	36	12	1	3	1	0	0	0	0	0	0	0	53
07:00	0	68	23	4	8	1	0	1	0	0	0	0	0	105
08:00	0	99	33	3	13	0	0	1	0	0	0	0	0	149
09:00	0	64	16	0	4	2	0	0	1	0	0	0	0	87
10:00	0	56	15	0	5	0	0	1	0	0	0	0	0	77
11:00	0	46	20	0	4	0	0	0	0	0	0	0	0	70
12:00 PM	0	51	23	1	9	0	0	0	1	0	0	0	0	85
13:00	0	66	24	0	6	0	0	1	1	0	0	0	0	98
14:00	0	74	31	1	7	1	0	1	0	0	0	0	0	115
15:00	0	94	33	1	9	0	0	0	0	0	0	0	0	137
16:00	1	93	25	3	6	0	0	0	0	0	0	0	0	128
17:00	0	96	24	0	8	0	0	1	0	0	0	0	0	129
18:00	0	71	15	0	3	0	0	0	0	0	0	0	0	89
19:00	0	45	15	0	3	0	0	0	0	0	0	0	0	63
20:00	0	34	4	0	1	0	0	0	0	0	0	0	0	39
21:00	0	14	4	0	1	0	0	0	0	0	0	0	0	19
22:00	0	6	3	0	0	0	0	0	0	0	0	0	0	9
23:00	1	7	1	0	0	0	0	0	0	0	0	0	0	9
Totals	**2**	**1030**	**328**	**14**	**91**	**5**		**6**	**3**					**1479**
% of Totals	0%	70%	22%	1%	6%	0%		0%	0%					100%

AM Volumes	0	379	126	8	38	4	0	3	1	0	0	0	0	559
% AM		26%	9%	1%	3%	0%		0%	0%					38%
AM Peak Hour		08:00	08:00	07:00	08:00	09:00		07:00	09:00					08:00
Volume		99	33	4	13	2		1	1					149
PM Volumes	2	651	202	6	53	1	0	3	2	0	0	0	0	920
% PM	0%	44%	14%	0%	4%	0%		0%	0%					62%
PM Peak Hour	16:00	17:00	15:00	16:00	12:00	14:00		13:00	12:00					15:00
Volume	1	96	33	3	9	1		1	1					137

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	254		17%	183		12%	257		17%	785		53%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

E Bennett Rd W/O Brunswick Rd

Day: Friday
Date: 9/6/2019

City: Grass Valley
Project #: CA19_7288_009

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	709	800	1,509

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
00:00	0	0	0		0				**12:00**	0	0	17		19		36	
00:15	0	0	0		0				**12:15**	0	0	16		12		28	
00:30	0	0	0		0				**12:30**	0	0	12		11		23	
00:45	0	0	1	1	0		1	1	**12:45**	0	0	8	53	13	55	21	108
01:00	0	0	0		0				**13:00**	0	0	13		22		35	
01:15	0	0	1		0		1		**13:15**	0	0	11		7		18	
01:30	0	0	0		0				**13:30**	0	0	15		9		24	
01:45	0	0	0	1	1	1	1	2	**13:45**	0	0	11	50	18	56	29	106
02:00	0	0	1		0		1		**14:00**	0	0	13		15		28	
02:15	0	0	0		1		1		**14:15**	0	0	12		13		25	
02:30	0	0	0		0				**14:30**	0	0	12		18		30	
02:45	0	0	0	1	0	1		2	**14:45**	0	0	11	48	17	63	28	111
03:00	0	0	0		0				**15:00**	0	0	19		20		39	
03:15	0	0	1		0		1		**15:15**	0	0	9		16		25	
03:30	0	0	0		0				**15:30**	0	0	20		15		35	
03:45	0	0	0	1	0			1	**15:45**	0	0	20	68	20	71	40	139
04:00	0	0	1		0		1		**16:00**	0	0	14		16		30	
04:15	0	0	0		0				**16:15**	0	0	16		19		35	
04:30	0	0	0		0				**16:30**	0	0	18		17		35	
04:45	0	0	2	3	0		2	3	**16:45**	0	0	13	61	13	65	26	126
05:00	0	0	0		0				**17:00**	0	0	16		16		32	
05:15	0	0	0		2		2		**17:15**	0	0	14		14		28	
05:30	0	0	5		2		7		**17:30**	0	0	13		17		30	
05:45	0	0	6	11	2	6	8	17	**17:45**	0	0	15	58	16	63	31	121
06:00	0	0	1		1		2		**18:00**	0	0	13		12		25	
06:15	0	0	4		11		15		**18:15**	0	0	8		14		22	
06:30	0	0	2		11		13		**18:30**	0	0	7		7		14	
06:45	0	0	6	13	8	31	14	44	**18:45**	0	0	10	38	5	38	15	76
07:00	0	0	5		11		16		**19:00**	0	0	4		8		12	
07:15	0	0	6		19		25		**19:15**	0	0	10		5		15	
07:30	0	0	7		9		16		**19:30**	0	0	10		8		18	
07:45	0	0	13	31	25	64	38	95	**19:45**	0	0	6	30	4	25	10	55
08:00	0	0	14		11		25		**20:00**	0	0	3		6		9	
08:15	0	0	15		25		40		**20:15**	0	0	5		2		7	
08:30	0	0	22		15		37		**20:30**	0	0	2		4		6	
08:45	0	0	11	62	15	66	26	128	**20:45**	0	0	3	13	4	16	7	29
09:00	0	0	10		14		24		**21:00**	0	0	3		2		5	
09:15	0	0	13		15		28		**21:15**	0	0	7		5		12	
09:30	0	0	13		14		27		**21:30**	0	0	5		0		5	
09:45	0	0	14	50	8	51	22	101	**21:45**	0	0	2	17	2	9	4	26
10:00	0	0	4		10		14		**22:00**	0	0	7		3		10	
10:15	0	0	10		10		20		**22:15**	0	0	4		0		4	
10:30	0	0	7		15		22		**22:30**	0	0	3		0		3	
10:45	0	0	12	33	14	49	26	82	**22:45**	0	0	1	15	6	9	7	24
11:00	0	0	12		12		24		**23:00**	0	0	3		0		3	
11:15	0	0	12		8		20		**23:15**	0	0	0		1		1	
11:30	0	0	10		21		31		**23:30**	0	0	2		1		3	
11:45	0	0	10	44	18	59	28	103	**23:45**	0	0	2	7	0	2	2	9
TOTALS				251		328		**579**	**TOTALS**				458		472		**930**
SPLIT %				43.4%		56.6%		**38.4%**	**SPLIT %**				49.2%		50.8%		**61.6%**

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	709	800	1,509

AM Peak Hour				07:45		07:45		**07:45**	**PM Peak Hour**				15:30		15:45		**15:30**
AM Pk Volume				64		76		**140**	**PM Pk Volume**				70		72		**140**
Pk Hr Factor				0.727		0.760		**0.875**	**Pk Hr Factor**				0.875		0.900		**0.875**
7 - 9 Volume	0	0		93		130		**223**	**4 - 6 Volume**	0	0		119		128		**247**
7 - 9 Peak Hour				07:45		07:45		**07:45**	**4 - 6 Peak Hour**				16:15		16:00		**16:15**
7 - 9 Pk Volume	0	0		64		76		**140**	**4 - 6 Pk Volume**	0	0		63		65		**128**
Pk Hr Factor	0.000	0.000		0.727		0.760		**0.875**	**Pk Hr Factor**	0.000	0.000		0.875		0.855		**0.914**

Prepared by National Data & Surveying Services

CLASSIFICATION

E Bennett Rd W/O Brunswick Rd

Day: Friday
Date: 9/6/2019

City: Grass Valley
Project #: CA19_7288_009e

East Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
04:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
05:00	0	7	4	0	0	0	0	0	0	0	0	0	0	11
06:00	0	6	7	0	0	0	0	0	0	0	0	0	0	13
07:00	0	18	7	4	2	0	0	0	0	0	0	0	0	31
08:00	0	35	18	1	8	0	0	0	0	0	0	0	0	62
09:00	0	36	10	0	4	0	0	0	0	0	0	0	0	50
10:00	0	21	10	0	2	0	0	0	0	0	0	0	0	33
11:00	0	30	10	0	4	0	0	0	0	0	0	0	0	44
12:00 PM	1	37	14	0	1	0	0	0	0	0	0	0	0	53
13:00	1	28	14	0	5	2	0	0	0	0	0	0	0	50
14:00	0	31	11	0	4	1	0	0	0	0	1	0	0	48
15:00	0	46	16	0	6	0	0	0	0	0	0	0	0	68
16:00	0	35	16	1	8	0	0	1	0	0	0	0	0	61
17:00	0	45	8	0	5	0	0	0	0	0	0	0	0	58
18:00	1	29	8	0	0	0	0	0	0	0	0	0	0	38
19:00	0	27	2	0	1	0	0	0	0	0	0	0	0	30
20:00	0	10	3	0	0	0	0	0	0	0	0	0	0	13
21:00	0	13	4	0	0	0	0	0	0	0	0	0	0	17
22:00	0	14	1	0	0	0	0	0	0	0	0	0	0	15
23:00	0	5	2	0	0	0	0	0	0	0	0	0	0	7
Totals	**3**	**479**	**166**	**6**	**50**	**3**		**1**			**1**			**709**
% of Totals	0%	68%	23%	1%	7%	0%		0%			0%			100%

AM Volumes	0	159	67	5	20	0	0	0	0	0	0	0	0	251
% AM		22%	9%	1%	3%									35%
AM Peak Hour		09:00	08:00	07:00	08:00									08:00
Volume		36	18	4	8									62
PM Volumes	3	320	99	1	30	3	0	1	0	0	1	0	0	458
% PM	0%	45%	14%	0%	4%	0%		0%			0%			65%
PM Peak Hour	12:00	15:00	15:00	16:00	16:00	13:00		16:00			14:00			15:00
Volume	1	46	16	1	8	2		1			1			68

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	93		13%	103		15%	119		17%	394		56%

Classification Definitions

1	Motorcycles	**4**	Buses	**7**	> =4-Axle Single Units	**10**	>=6-Axle Single Trailers	**13**	>=7-Axle Multi-Trailers
2	Passenger Cars	**5**	2-Axle, 6-Tire Single Units	**8**	<=4-Axle Single Trailers	**11**	<=5-Axle Multi-Trailers		
3	2-Axle, 4-Tire Single Units	**6**	3-Axle Single Units	**9**	5-Axle Single Trailers	**12**	6-Axle Multi-Trailers		

Prepared by National Data & Surveying Services

CLASSIFICATION

E Bennett Rd W/O Brunswick Rd

Day: Friday
Date: 9/6/2019

City: Grass Valley
Project #: CA19_7288_009w

West Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	4	1	0	0	1	0	0	0	0	0	0	0	6
06:00	0	17	10	0	4	0	0	0	0	0	0	0	0	31
07:00	0	43	12	0	8	1	0	0	0	0	0	0	0	64
08:00	0	51	8	2	5	0	0	0	0	0	0	0	0	66
09:00	0	36	10	0	3	0	0	1	1	0	0	0	0	51
10:00	0	30	13	0	6	0	0	0	0	0	0	0	0	49
11:00	0	42	12	0	5	0	0	0	0	0	0	0	0	59
12:00 PM	0	38	13	0	4	0	0	0	0	0	0	0	0	55
13:00	1	33	19	0	3	0	0	0	0	0	0	0	0	56
14:00	0	42	14	0	7	0	0	0	0	0	0	0	0	63
15:00	0	46	20	2	3	0	0	0	0	0	0	0	0	71
16:00	0	37	14	4	9	1	0	0	0	0	0	0	0	65
17:00	0	47	14	0	2	0	0	0	0	0	0	0	0	63
18:00	0	30	8	0	0	0	0	0	0	0	0	0	0	38
19:00	0	20	4	0	1	0	0	0	0	0	0	0	0	25
20:00	0	11	5	0	0	0	0	0	0	0	0	0	0	16
21:00	0	8	1	0	0	0	0	0	0	0	0	0	0	9
22:00	0	8	1	0	0	0	0	0	0	0	0	0	0	9
23:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Totals	**1**	**547**	**179**	**8**	**60**	**3**		**1**	**1**					**800**
% of Totals	0%	68%	22%	1%	8%	0%		0%	0%					100%

AM Volumes	0	225	66	2	31	2	0	1	1	0	0	0	0	328
% AM		28%	8%	0%	4%	0%		0%	0%					41%
AM Peak Hour		08:00	10:00	08:00	07:00	05:00		09:00	09:00					08:00
Volume		51	13	2	8	1		1	1					66
PM Volumes	1	322	113	6	29	1	0	0	0	0	0	0	0	472
% PM	0%	40%	14%	1%	4%	0%								59%
PM Peak Hour	13:00	17:00	15:00	16:00	16:00	16:00								15:00
Volume	1	47	20	4	9	1								71

Directional Peak Periods	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	130	16%	111	14%	128	16%	431	54%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

CLASSIFICATION

E Bennett Rd W/O Brunswick Rd

Day: Friday
Date: 9/6/2019

City: Grass Valley
Project #: CA19_7288_009

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
04:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
05:00	0	11	5	0	0	1	0	0	0	0	0	0	0	17
06:00	0	23	17	0	4	0	0	0	0	0	0	0	0	44
07:00	0	61	19	4	10	1	0	0	0	0	0	0	0	95
08:00	0	86	26	3	13	0	0	0	0	0	0	0	0	128
09:00	0	72	20	0	7	0	0	1	1	0	0	0	0	101
10:00	0	51	23	0	8	0	0	0	0	0	0	0	0	82
11:00	0	72	22	0	9	0	0	0	0	0	0	0	0	103
12:00 PM	1	75	27	0	5	0	0	0	0	0	0	0	0	108
13:00	2	61	33	0	8	2	0	0	0	0	0	0	0	106
14:00	0	73	25	0	11	1	0	0	0	0	1	0	0	111
15:00	0	92	36	2	9	0	0	0	0	0	0	0	0	139
16:00	0	72	30	5	17	1	0	1	0	0	0	0	0	126
17:00	0	92	22	0	7	0	0	0	0	0	0	0	0	121
18:00	1	59	16	0	0	0	0	0	0	0	0	0	0	76
19:00	0	47	6	0	2	0	0	0	0	0	0	0	0	55
20:00	0	21	8	0	0	0	0	0	0	0	0	0	0	29
21:00	0	21	5	0	0	0	0	0	0	0	0	0	0	26
22:00	0	22	2	0	0	0	0	0	0	0	0	0	0	24
23:00	0	7	2	0	0	0	0	0	0	0	0	0	0	9
Totals	**4**	**1026**	**345**	**14**	**110**	**6**		**2**	**1**		**1**			**1509**
% of Totals	0%	68%	23%	1%	7%	0%		0%	0%		0%			100%

AM Volumes	0	384	133	7	51	2	0	1	1	0	0	0	0	579
% AM		25%	9%	0%	3%	0%		0%	0%					38%
AM Peak Hour		08:00	08:00	07:00	08:00	05:00		09:00	09:00					08:00
Volume		86	26	4	13	1		1	1					128
PM Volumes	4	642	212	7	59	4	0	1	0	0	1	0	0	930
% PM	0%	43%	14%	0%	4%	0%		0%			0%			62%
PM Peak Hour	13:00	15:00	15:00	16:00	16:00	13:00		16:00			14:00			15:00
Volume	2	92	36	5	17	2		1			1			139

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	223		15%	214		14%	247		16%	825		55%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

E Bennett Rd W/O Brunswick Rd

Day: Saturday
Date: 9/7/2019

City: Grass Valley
Project #: CA19_7288_009

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	482	539	1,021

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
00:00	0	0	0		0				**12:00**	0	0	15		16		31	
00:15	0	0	0		0				**12:15**	0	0	8		11		19	
00:30	0	0	1		1		2		**12:30**	0	0	2		13		15	
00:45	0	0	3	4	0	1	3	5	**12:45**	0	0	7	32	13	53	20	85
01:00	0	0	0		1		1		**13:00**	0	0	10		7		17	
01:15	0	0	1		0		1		**13:15**	0	0	14		8		22	
01:30	0	0	0		0				**13:30**	0	0	7		11		18	
01:45	0	0	0	1	0	1		2	**13:45**	0	0	8	39	11	37	19	76
02:00	0	0	0		1		1		**14:00**	0	0	7		16		23	
02:15	0	0	0		0				**14:15**	0	0	10		9		19	
02:30	0	0	0		0				**14:30**	0	0	11		15		26	
02:45	0	0	1	1	0	1	1	2	**14:45**	0	0	12	40	8	48	20	88
03:00	0	0	0		0				**15:00**	0	0	10		13		23	
03:15	0	0	2		0		2		**15:15**	0	0	6		13		19	
03:30	0	0	0		0				**15:30**	0	0	11		8		19	
03:45	0	0	1	3	1	1	2	4	**15:45**	0	0	11	38	7	41	18	79
04:00	0	0	0		0				**16:00**	0	0	9		11		20	
04:15	0	0	0		0				**16:15**	0	0	11		7		18	
04:30	0	0	0		0				**16:30**	0	0	9		6		15	
04:45	0	0	0		0				**16:45**	0	0	8	37	11	35	19	72
05:00	0	0	0		0				**17:00**	0	0	17		13		30	
05:15	0	0	0		1		1		**17:15**	0	0	7		17		24	
05:30	0	0	2		0		2		**17:30**	0	0	6		8		14	
05:45	0	0	6	8	1	2	7	10	**17:45**	0	0	7	37	3	41	10	78
06:00	0	0	1		0		1		**18:00**	0	0	11		5		16	
06:15	0	0	1		1		2		**18:15**	0	0	7		10		17	
06:30	0	0	2		5		7		**18:30**	0	0	9		9		18	
06:45	0	0	2	6	3	9	5	15	**18:45**	0	0	7	34	4	28	11	62
07:00	0	0	4		3		7		**19:00**	0	0	10		6		16	
07:15	0	0	1		4		5		**19:15**	0	0	5		6		11	
07:30	0	0	7		7		14		**19:30**	0	0	3		3		6	
07:45	0	0	6	18	6	20	12	38	**19:45**	0	0	2	20	3	18	5	38
08:00	0	0	2		5		7		**20:00**	0	0	7		8		15	
08:15	0	0	4		8		12		**20:15**	0	0	3		2		5	
08:30	0	0	9		5		14		**20:30**	0	0	1		5		6	
08:45	0	0	8	23	13	31	21	54	**20:45**	0	0	1	12	7	22	8	34
09:00	0	0	5		11		16		**21:00**	0	0	4		1		5	
09:15	0	0	9		11		20		**21:15**	0	0	6		1		7	
09:30	0	0	3		8		11		**21:30**	0	0	2		1		3	
09:45	0	0	8	25	16	46	24	71	**21:45**	0	0	6	18	1	4	7	22
10:00	0	0	11		8		19		**22:00**	0	0	4		2		6	
10:15	0	0	8		11		19		**22:15**	0	0	2		2		4	
10:30	0	0	1		10		11		**22:30**	0	0	1		4		5	
10:45	0	0	14	34	10	39	24	73	**22:45**	0	0	4	11	4	12	8	23
11:00	0	0	4		11		15		**23:00**	0	0	4		2		6	
11:15	0	0	12		13		25		**23:15**	0	0	2		0		2	
11:30	0	0	5		11		16		**23:30**	0	0	1		1		2	
11:45	0	0	11	32	11	46	22	78	**23:45**	0	0	2	9	0	3	2	12
TOTALS				155		197		**352**	**TOTALS**				327		342		**669**
SPLIT %				44.0%		56.0%		**34.5%**	**SPLIT %**				48.9%		51.1%		**65.5%**

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	482	539	1,021

AM Peak Hour				11:15		11:15		**11:15**	**PM Peak Hour**				16:15		12:00		**14:00**
AM Pk Volume				43		51		**94**	**PM Pk Volume**				45		53		**88**
Pk Hr Factor				0.717		0.797		**0.758**	**Pk Hr Factor**				0.662		0.828		**0.846**
7 - 9 Volume	0	0		41		51		**92**	**4 - 6 Volume**	0	0		74		76		**150**
7 - 9 Peak Hour				08:00		08:00		**08:00**	**4 - 6 Peak Hour**				16:15		16:45		**16:30**
7 - 9 Pk Volume	0	0		23		31		**54**	**4 - 6 Pk Volume**	0	0		45		49		**88**
Pk Hr Factor	0.000	0.000		0.639		0.596		**0.643**	**Pk Hr Factor**	0.000	0.000		0.662		0.721		**0.733**

Prepared by National Data & Surveying Services

CLASSIFICATION

E Bennett Rd W/O Brunswick Rd

Day: Saturday
Date: 9/7/2019

City: Grass Valley
Project #: CA19_7288_009e

East Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	2	1	1	0	0	0	0	0	0	0	0	0	4
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	3	5	0	0	0	0	0	0	0	0	0	0	8
06:00	0	2	4	0	0	0	0	0	0	0	0	0	0	6
07:00	0	9	3	2	3	0	0	1	0	0	0	0	0	18
08:00	0	13	9	0	1	0	0	0	0	0	0	0	0	23
09:00	0	17	7	0	1	0	0	0	0	0	0	0	0	25
10:00	1	26	7	0	0	0	0	0	0	0	0	0	0	34
11:00	0	25	5	0	2	0	0	0	0	0	0	0	0	32
12:00 PM	0	25	5	0	2	0	0	0	0	0	0	0	0	32
13:00	0	22	15	0	2	0	0	0	0	0	0	0	0	39
14:00	1	33	6	0	0	0	0	0	0	0	0	0	0	40
15:00	1	28	7	0	2	0	0	0	0	0	0	0	0	38
16:00	0	30	6	0	1	0	0	0	0	0	0	0	0	37
17:00	1	26	6	0	4	0	0	0	0	0	0	0	0	37
18:00	0	27	5	0	2	0	0	0	0	0	0	0	0	34
19:00	0	16	3	0	1	0	0	0	0	0	0	0	0	20
20:00	0	8	4	0	0	0	0	0	0	0	0	0	0	12
21:00	0	14	3	0	1	0	0	0	0	0	0	0	0	18
22:00	0	8	3	0	0	0	0	0	0	0	0	0	0	11
23:00	0	7	2	0	0	0	0	0	0	0	0	0	0	9
Totals	**4**	**345**	**107**	**3**	**22**			**1**						**482**
% of Totals	1%	72%	22%	1%	5%			0%						100%

AM Volumes	1	101	42	3	7	0	0	1	0	0	0	0	0	155
% AM	0%	21%	9%	1%	1%			0%						32%
AM Peak Hour	10:00	10:00	08:00	07:00	07:00			07:00						10:00
Volume	1	26	9	2	3			1						34
PM Volumes	3	244	65	0	15	0	0	0	0	0	0	0	0	327
% PM	1%	51%	13%		3%									68%
PM Peak Hour	14:00	14:00	13:00		17:00									14:00
Volume	1	33	15		4									40

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	41		9%	71		15%	74		15%	296		61%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

E Bennett Rd W/O Brunswick Rd

Day: Saturday
Date: 9/7/2019

City: Grass Valley
Project #: CA19_7288_009w

West Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	2	0	0	0	0	0	0	0	0	0	0	2
06:00	0	5	2	0	2	0	0	0	0	0	0	0	0	9
07:00	0	8	7	0	5	0	0	0	0	0	0	0	0	20
08:00	0	25	3	0	3	0	0	0	0	0	0	0	0	31
09:00	0	34	10	0	2	0	0	0	0	0	0	0	0	46
10:00	0	32	5	0	2	0	0	0	0	0	0	0	0	39
11:00	0	32	9	1	4	0	0	0	0	0	0	0	0	46
12:00 PM	2	35	13	0	3	0	0	0	0	0	0	0	0	53
13:00	0	28	8	0	1	0	0	0	0	0	0	0	0	37
14:00	1	31	14	0	2	0	0	0	0	0	0	0	0	48
15:00	2	25	11	0	3	0	0	0	0	0	0	0	0	41
16:00	0	29	6	0	0	0	0	0	0	0	0	0	0	35
17:00	0	33	6	0	2	0	0	0	0	0	0	0	0	41
18:00	0	22	6	0	0	0	0	0	0	0	0	0	0	28
19:00	0	13	5	0	0	0	0	0	0	0	0	0	0	18
20:00	0	17	5	0	0	0	0	0	0	0	0	0	0	22
21:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
22:00	0	8	4	0	0	0	0	0	0	0	0	0	0	12
23:00	0	1	1	0	1	0	0	0	0	0	0	0	0	3
Totals	**5**	**386**	**117**	**1**	**30**									**539**
% of Totals	1%	72%	22%	0%	6%									100%

AM Volumes	0	140	38	1	18	0	0	0	0	0	0	0	0	197
% AM		26%	7%	0%	3%									37%
AM Peak Hour		09:00	09:00	11:00	07:00									09:00
Volume		34	10	1	5									46
PM Volumes	5	246	79	0	12	0	0	0	0	0	0	0	0	342
% PM	1%	46%	15%		2%									63%
PM Peak Hour	12:00	12:00	14:00		12:00									12:00
Volume	2	35	14		3									53

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	51		9%	90		17%	76		14%	322		60%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

E Bennett Rd W/O Brunswick Rd

Day: Saturday
Date: 9/7/2019

City: Grass Valley
Project #: CA19_7288_009

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	3	1	1	0	0	0	0	0	0	0	0	0	5
01:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	3	7	0	0	0	0	0	0	0	0	0	0	10
06:00	0	7	6	0	2	0	0	0	0	0	0	0	0	15
07:00	0	17	10	2	8	0	0	1	0	0	0	0	0	38
08:00	0	38	12	0	4	0	0	0	0	0	0	0	0	54
09:00	0	51	17	0	3	0	0	0	0	0	0	0	0	71
10:00	1	58	12	0	2	0	0	0	0	0	0	0	0	73
11:00	0	57	14	1	6	0	0	0	0	0	0	0	0	78
12:00 PM	2	60	18	0	5	0	0	0	0	0	0	0	0	85
13:00	0	50	23	0	3	0	0	0	0	0	0	0	0	76
14:00	2	64	20	0	2	0	0	0	0	0	0	0	0	88
15:00	3	53	18	0	5	0	0	0	0	0	0	0	0	79
16:00	0	59	12	0	1	0	0	0	0	0	0	0	0	72
17:00	1	59	12	0	6	0	0	0	0	0	0	0	0	78
18:00	0	49	11	0	2	0	0	0	0	0	0	0	0	62
19:00	0	29	8	0	1	0	0	0	0	0	0	0	0	38
20:00	0	25	9	0	0	0	0	0	0	0	0	0	0	34
21:00	0	18	3	0	1	0	0	0	0	0	0	0	0	22
22:00	0	16	7	0	0	0	0	0	0	0	0	0	0	23
23:00	0	8	3	0	1	0	0	0	0	0	0	0	0	12
Totals	9	731	224	4	52			1						1021
% of Totals	1%	72%	22%	0%	5%			0%						100%

AM Volumes	1	241	80	4	25	0	0	1	0	0	0	0	0	352
% AM	0%	24%	8%	0%	2%			0%						34%
AM Peak Hour	10:00	10:00	09:00	07:00	07:00			07:00						11:00
Volume	1	58	17	2	8			1						78
PM Volumes	8	490	144	0	27	0	0	0	0	0	0	0	0	669
% PM	1%	48%	14%		3%									66%
PM Peak Hour	15:00	14:00	13:00		17:00									14:00
Volume	3	64	23		6									88

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	92		9%	161		16%	150		15%	618		61%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

E Bennett Rd W/O Brunswick Rd

Day: Sunday
Date: 9/8/2019

City: Grass Valley
Project #: CA19_7288_009

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	378	401	779

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
00:00	0	0	0		0				**12:00**	0	0	13		14		27	
00:15	0	0	2		0		2		**12:15**	0	0	10		11		21	
00:30	0	0	0		0				**12:30**	0	0	5		7		12	
00:45	0	0	0	2	0			2	**12:45**	0	0	12	40	7	39	19	79
01:00	0	0	0		2		2		**13:00**	0	0	5		7		12	
01:15	0	0	0		0				**13:15**	0	0	8		4		12	
01:30	0	0	1		0		1		**13:30**	0	0	14		11		25	
01:45	0	0	1	2	0	2	1	4	**13:45**	0	0	3	30	13	35	16	65
02:00	0	0	0		1		1		**14:00**	0	0	14		5		19	
02:15	0	0	0		0				**14:15**	0	0	15		6		21	
02:30	0	0	0		0				**14:30**	0	0	6		8		14	
02:45	0	0	0		0	1		1	**14:45**	0	0	7	42	11	30	18	72
03:00	0	0	0		0				**15:00**	0	0	11		10		21	
03:15	0	0	0		1		1		**15:15**	0	0	8		7		15	
03:30	0	0	0		1		1		**15:30**	0	0	3		9		12	
03:45	0	0	0		0	2		2	**15:45**	0	0	7	29	7	33	14	62
04:00	0	0	0		0				**16:00**	0	0	3		9		12	
04:15	0	0	0		0				**16:15**	0	0	7		6		13	
04:30	0	0	1		0		1		**16:30**	0	0	11		3		14	
04:45	0	0	0	1	0			1	**16:45**	0	0	5	26	12	30	17	56
05:00	0	0	0		1		1		**17:00**	0	0	5		6		11	
05:15	0	0	0		1		1		**17:15**	0	0	6		8		14	
05:30	0	0	1		1		2		**17:30**	0	0	13		3		16	
05:45	0	0	0	1	1	4	1	5	**17:45**	0	0	4	28	5	22	9	50
06:00	0	0	0		0				**18:00**	0	0	9		8		17	
06:15	0	0	0		1		1		**18:15**	0	0	7		5		12	
06:30	0	0	0		1		1		**18:30**	0	0	5		1		6	
06:45	0	0	1	1	3	5	4	6	**18:45**	0	0	2	23	5	19	7	42
07:00	0	0	0		2		2		**19:00**	0	0	4		7		11	
07:15	0	0	0		2		2		**19:15**	0	0	9		4		13	
07:30	0	0	1		5		6		**19:30**	0	0	9		3		12	
07:45	0	0	2	3	7	16	9	19	**19:45**	0	0	9	31	2	16	11	47
08:00	0	0	3		4		7		**20:00**	0	0	7		2		9	
08:15	0	0	2		3		5		**20:15**	0	0	6		2		8	
08:30	0	0	4		6		10		**20:30**	0	0	2		2		4	
08:45	0	0	4	13	12	25	16	38	**20:45**	0	0	6	21	4	10	10	31
09:00	0	0	3		9		12		**21:00**	0	0	4		3		7	
09:15	0	0	6		5		11		**21:15**	0	0	3		1		4	
09:30	0	0	1		5		6		**21:30**	0	0	3		3		6	
09:45	0	0	5	15	13	32	18	47	**21:45**	0	0	2	12	1	8	3	20
10:00	0	0	5		3		8		**22:00**	0	0	2		1		3	
10:15	0	0	4		12		16		**22:15**	0	0	1		1		2	
10:30	0	0	8		10		18		**22:30**	0	0	1		1		2	
10:45	0	0	2	19	9	34	11	53	**22:45**	0	0	1	5	1	4	2	9
11:00	0	0	11		7		18		**23:00**	0	0	0		1		1	
11:15	0	0	5		7		12		**23:15**	0	0	1		1		2	
11:30	0	0	4		9		13		**23:30**	0	0	1		0		1	
11:45	0	0	11	31	7	30	18	61	**23:45**	0	0	1	3	2	4	3	7
TOTALS				88		151		**239**	**TOTALS**				290		250		**540**
SPLIT %				36.8%		63.2%		**30.7%**	**SPLIT %**				53.7%		46.3%		**69.3%**

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	378	401	779

AM Peak Hour				11:45		11:30		**11:30**	**PM Peak Hour**				13:30		12:00		**13:30**
AM Pk Volume				39		41		**79**	**PM Pk Volume**				46		39		**81**
Pk Hr Factor				0.750		0.732		**0.731**	**Pk Hr Factor**				0.767		0.696		**0.810**
7 - 9 Volume	0	0		16		41		**57**	**4 - 6 Volume**	0	0		54		52		**106**
7 - 9 Peak Hour				08:00		08:00		**08:00**	**4 - 6 Peak Hour**				16:45		16:00		**16:45**
7 - 9 Pk Volume	0	0		13		25		**38**	**4 - 6 Pk Volume**	0	0		29		30		**58**
Pk Hr Factor	0.000	0.000		0.813		0.521		**0.594**	**Pk Hr Factor**	0.000	0.000		0.558		0.625		**0.853**

Prepared by National Data & Surveying Services

CLASSIFICATION

E Bennett Rd W/O Brunswick Rd

Day: Sunday
Date: 9/8/2019

City: Grass Valley
Project #: CA19_7288_009e

East Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	2	0	0	0	0	0	0	0	0	0	0	0	2
01:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
06:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
07:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
08:00	0	11	2	0	0	0	0	0	0	0	0	0	0	13
09:00	0	11	4	0	0	0	0	0	0	0	0	0	0	15
10:00	0	15	4	0	0	0	0	0	0	0	0	0	0	19
11:00	0	21	9	0	0	0	0	0	1	0	0	0	0	31
12:00 PM	0	29	9	0	2	0	0	0	0	0	0	0	0	40
13:00	1	23	4	0	1	0	0	1	0	0	0	0	0	30
14:00	0	35	5	0	1	0	0	1	0	0	0	0	0	42
15:00	1	19	9	0	0	0	0	0	0	0	0	0	0	29
16:00	0	20	6	0	0	0	0	0	0	0	0	0	0	26
17:00	0	22	6	0	0	0	0	0	0	0	0	0	0	28
18:00	0	16	5	0	2	0	0	0	0	0	0	0	0	23
19:00	0	27	4	0	0	0	0	0	0	0	0	0	0	31
20:00	0	14	7	0	0	0	0	0	0	0	0	0	0	21
21:00	0	10	2	0	0	0	0	0	0	0	0	0	0	12
22:00	0	2	2	0	1	0	0	0	0	0	0	0	0	5
23:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
Totals	**2**	**287**	**79**		**7**			**2**	**1**					**378**
% of Totals	1%	76%	21%		2%			1%	0%					100%

AM Volumes	0	68	19	0	0	0	0	0	1	0	0	0	0	88
% AM		18%	5%						0%					23%
AM Peak Hour		11:00	11:00						11:00					11:00
Volume		21	9						1					31
PM Volumes	2	219	60	0	7	0	0	2	0	0	0	0	0	290
% PM	1%	58%	16%		2%			1%						77%
PM Peak Hour	13:00	14:00	12:00		12:00			13:00						14:00
Volume	1	35	9		2			1						42

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	16		4%	70		19%	54		14%	238		63%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

E Bennett Rd W/O Brunswick Rd

Day: Sunday
Date: 9/8/2019

City: Grass Valley
Project #: CA19_7288_009w

West Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	3	0	0	1	0	0	0	0	0	0	0	0	4
06:00	0	5	0	0	0	0	0	0	0	0	0	0	0	5
07:00	0	11	4	0	1	0	0	0	0	0	0	0	0	16
08:00	1	19	4	0	1	0	0	0	0	0	0	0	0	25
09:00	0	22	9	0	1	0	0	0	0	0	0	0	0	32
10:00	0	26	7	1	0	0	0	0	0	0	0	0	0	34
11:00	0	21	6	0	3	0	0	0	0	0	0	0	0	30
12:00 PM	0	31	7	0	1	0	0	0	0	0	0	0	0	39
13:00	1	28	5	0	0	0	0	1	0	0	0	0	0	35
14:00	0	21	7	0	2	0	0	0	0	0	0	0	0	30
15:00	0	25	8	0	0	0	0	0	0	0	0	0	0	33
16:00	1	25	4	0	0	0	0	0	0	0	0	0	0	30
17:00	0	20	1	0	1	0	0	0	0	0	0	0	0	22
18:00	0	15	3	0	1	0	0	0	0	0	0	0	0	19
19:00	0	13	2	0	1	0	0	0	0	0	0	0	0	16
20:00	0	6	3	0	1	0	0	0	0	0	0	0	0	10
21:00	0	6	2	0	0	0	0	0	0	0	0	0	0	8
22:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
23:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
Totals	**3**	**309**	**73**	**1**	**14**			**1**						**401**
% of Totals	1%	77%	18%	0%	3%			0%						100%

AM Volumes	1	111	31	1	7	0	0	0	0	0	0	0	0	151
% AM	0%	28%	8%	0%	2%									38%
AM Peak Hour	08:00	10:00	09:00	10:00	11:00									10:00
Volume	1	26	9	1	3									34
PM Volumes	2	198	42	0	7	0	0	1	0	0	0	0	0	250
% PM	0%	49%	10%		2%			0%						62%
PM Peak Hour	13:00	12:00	15:00		14:00			13:00						12:00
Volume	1	31	8		2			1						39

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	41		10%	74		18%	52		13%	234		58%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

E Bennett Rd W/O Brunswick Rd

Day: Sunday
Date: 9/8/2019

City: Grass Valley
Project #: CA19_7288_009

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	2	0	0	0	0	0	0	0	0	0	0	0	2
01:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
04:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
05:00	0	4	0	0	1	0	0	0	0	0	0	0	0	5
06:00	0	6	0	0	0	0	0	0	0	0	0	0	0	6
07:00	0	14	4	0	1	0	0	0	0	0	0	0	0	19
08:00	1	30	6	0	1	0	0	0	0	0	0	0	0	38
09:00	0	33	13	0	1	0	0	0	0	0	0	0	0	47
10:00	0	41	11	1	0	0	0	0	0	0	0	0	0	53
11:00	0	42	15	0	3	0	0	0	1	0	0	0	0	61
12:00 PM	0	60	16	0	3	0	0	0	0	0	0	0	0	79
13:00	2	51	9	0	1	0	0	2	0	0	0	0	0	65
14:00	0	56	12	0	3	0	0	1	0	0	0	0	0	72
15:00	1	44	17	0	0	0	0	0	0	0	0	0	0	62
16:00	1	45	10	0	0	0	0	0	0	0	0	0	0	56
17:00	0	42	7	0	1	0	0	0	0	0	0	0	0	50
18:00	0	31	8	0	3	0	0	0	0	0	0	0	0	42
19:00	0	40	6	0	1	0	0	0	0	0	0	0	0	47
20:00	0	20	10	0	1	0	0	0	0	0	0	0	0	31
21:00	0	16	4	0	0	0	0	0	0	0	0	0	0	20
22:00	0	6	2	0	1	0	0	0	0	0	0	0	0	9
23:00	0	6	1	0	0	0	0	0	0	0	0	0	0	7
Totals	**5**	**596**	**152**	**1**	**21**			**3**	**1**					**779**
% of Totals	1%	77%	20%	0%	3%			0%	0%					100%

AM Volumes	1	179	50	1	7	0	0	0	1	0	0	0	0	239
% AM	0%	23%	6%	0%	1%				0%					31%
AM Peak Hour	08:00	11:00	11:00	10:00	11:00				11:00					11:00
Volume	1	42	15	1	3				1					61
PM Volumes	4	417	102	0	14	0	0	3	0	0	0	0	0	540
% PM	1%	54%	13%		2%			0%						69%
PM Peak Hour	13:00	12:00	15:00		12:00			13:00						12:00
Volume	2	60	17		3			2						79

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	57		7%	144		18%	106		14%	472		61%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

E Bennett Rd W/O Brunswick Rd

Day: Monday
Date: 9/9/2019

City: Grass Valley
Project #: CA19_7288_009

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	671	729	1,400

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
00:00	0	0	0		0				**12:00**	0	0	12		14		26	
00:15	0	0	0		0				**12:15**	0	0	9		15		24	
00:30	0	0	0		0				**12:30**	0	0	13		11		24	
00:45	0	0	1	1	0		1	1	**12:45**	0	0	14	48	20	60	34	108
01:00	0	0	1		0		1		**13:00**	0	0	11		12		23	
01:15	0	0	0		0				**13:15**	0	0	7		16		23	
01:30	0	0	0		1		1		**13:30**	0	0	14		13		27	
01:45	0	0	0	1	0	1		2	**13:45**	0	0	19	51	15	56	34	107
02:00	0	0	0		0				**14:00**	0	0	10		16		26	
02:15	0	0	0		0				**14:15**	0	0	13		13		26	
02:30	0	0	0		1		1		**14:30**	0	0	8		11		19	
02:45	0	0	0		1	2	1	2	**14:45**	0	0	12	43	16	56	28	99
03:00	0	0	0		0				**15:00**	0	0	17		9		26	
03:15	0	0	1		0		1		**15:15**	0	0	9		11		20	
03:30	0	0	0		1		1		**15:30**	0	0	13		17		30	
03:45	0	0	0	1	0	1		2	**15:45**	0	0	16	55	21	58	37	113
04:00	0	0	1		0		1		**16:00**	0	0	20		18		38	
04:15	0	0	0		0				**16:15**	0	0	17		16		33	
04:30	0	0	1		0		1		**16:30**	0	0	12		17		29	
04:45	0	0	0	2	0			2	**16:45**	0	0	23	72	12	63	35	135
05:00	0	0	0		0				**17:00**	0	0	19		22		41	
05:15	0	0	0		0				**17:15**	0	0	22		12		34	
05:30	0	0	2		2		4		**17:30**	0	0	15		10		25	
05:45	0	0	8	10	2	4	10	14	**17:45**	0	0	6	62	9	53	15	115
06:00	0	0	0		3		3		**18:00**	0	0	12		13		25	
06:15	0	0	1		8		9		**18:15**	0	0	7		8		15	
06:30	0	0	6		9		15		**18:30**	0	0	7		7		14	
06:45	0	0	2	9	6	26	8	35	**18:45**	0	0	4	30	8	36	12	66
07:00	0	0	5		11		16		**19:00**	0	0	11		4		15	
07:15	0	0	6		9		15		**19:15**	0	0	7		5		12	
07:30	0	0	15		10		25		**19:30**	0	0	7		2		9	
07:45	0	0	10	36	15	45	25	81	**19:45**	0	0	8	33	4	15	12	48
08:00	0	0	12		24		36		**20:00**	0	0	4		3		7	
08:15	0	0	16		22		38		**20:15**	0	0	5		2		7	
08:30	0	0	12		19		31		**20:30**	0	0	8		1		9	
08:45	0	0	17	57	22	87	39	144	**20:45**	0	0	6	23	0	6	6	29
09:00	0	0	11		14		25		**21:00**	0	0	4		5		9	
09:15	0	0	9		12		21		**21:15**	0	0	5		1		6	
09:30	0	0	7		13		20		**21:30**	0	0	3		0		3	
09:45	0	0	8	35	13	52	21	87	**21:45**	0	0	3	15	0	6	3	21
10:00	0	0	8		10		18		**22:00**	0	0	2		1		3	
10:15	0	0	8		13		21		**22:15**	0	0	3		0		3	
10:30	0	0	16		13		29		**22:30**	0	0	2		1		3	
10:45	0	0	8	40	11	47	19	87	**22:45**	0	0	1	8	0	2	1	10
11:00	0	0	11		11		22		**23:00**	0	0	1		3		4	
11:15	0	0	8		11		19		**23:15**	0	0	1		1		2	
11:30	0	0	8		11		19		**23:30**	0	0	0		0			
11:45	0	0	9	36	16	49	25	85	**23:45**	0	0	1	3	0	4	1	7
TOTALS				228		314		**542**	**TOTALS**				443		415		**858**
SPLIT %				42.1%		57.9%		**38.7%**	**SPLIT %**				51.6%		48.4%		**61.3%**

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	671	729	1,400

AM Peak Hour				08:00		08:00		**08:00**	**PM Peak Hour**				16:45		15:30		**16:30**
AM Pk Volume				57		87		**144**	**PM Pk Volume**				79		72		**139**
Pk Hr Factor				0.838		0.906		**0.923**	**Pk Hr Factor**				0.859		0.857		**0.848**
7 - 9 Volume	0	0		93		132		**225**	**4 - 6 Volume**	0	0		134		116		**250**
7 - 9 Peak Hour				08:00		08:00		**08:00**	**4 - 6 Peak Hour**				16:45		16:15		**16:30**
7 - 9 Pk Volume	0	0		57		87		**144**	**4 - 6 Pk Volume**	0	0		79		67		**139**
Pk Hr Factor	0.000	0.000		0.838		0.906		**0.923**	**Pk Hr Factor**	0.000	0.000		0.859		0.761		**0.848**

Prepared by National Data & Surveying Services

CLASSIFICATION

E Bennett Rd W/O Brunswick Rd

Day: Monday
Date: 9/9/2019

City: Grass Valley
Project #: CA19_7288_009e

East Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
05:00	0	4	6	0	0	0	0	0	0	0	0	0	0	10
06:00	0	5	3	0	0	1	0	0	0	0	0	0	0	9
07:00	0	18	7	4	5	1	0	1	0	0	0	0	0	36
08:00	0	39	14	1	2	1	0	0	0	0	0	0	0	57
09:00	0	24	8	0	3	0	0	0	0	0	0	0	0	35
10:00	0	27	9	0	4	0	0	0	0	0	0	0	0	40
11:00	0	21	10	0	4	1	0	0	0	0	0	0	0	36
12:00 PM	1	27	18	0	2	0	0	0	0	0	0	0	0	48
13:00	1	32	13	0	5	0	0	0	0	0	0	0	0	51
14:00	0	26	13	0	3	0	0	0	1	0	0	0	0	43
15:00	0	36	15	0	4	0	0	0	0	0	0	0	0	55
16:00	0	47	17	1	7	0	0	0	0	0	0	0	0	72
17:00	0	40	15	0	6	0	0	1	0	0	0	0	0	62
18:00	0	22	6	0	2	0	0	0	0	0	0	0	0	30
19:00	0	27	5	0	1	0	0	0	0	0	0	0	0	33
20:00	0	18	5	0	0	0	0	0	0	0	0	0	0	23
21:00	0	12	3	0	0	0	0	0	0	0	0	0	0	15
22:00	1	5	1	0	1	0	0	0	0	0	0	0	0	8
23:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
Totals	**3**	**436**	**170**	**6**	**49**	**4**		**2**	**1**					**671**
% of Totals	0%	65%	25%	1%	7%	1%		0%	0%					100%

AM Volumes	0	142	58	5	18	4	0	1	0	0	0	0	0	228
% AM		21%	9%	1%	3%	1%		0%						34%
AM Peak Hour		08:00	08:00	07:00	07:00	06:00		07:00						08:00
Volume		39	14	4	5	1		1						57
PM Volumes	3	294	112	1	31	0	0	1	1	0	0	0	0	443
% PM	0%	44%	17%	0%	5%			0%	0%					66%
PM Peak Hour	12:00	16:00	12:00	16:00	16:00			17:00	14:00					16:00
Volume	1	47	18	1	7			1	1					72

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	93		14%	99		15%	134		20%	345		51%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

CLASSIFICATION

E Bennett Rd W/O Brunswick Rd

Day: Monday
Date: 9/9/2019

City: Grass Valley
Project #: CA19_7288_009w

West Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	2	0	0	0	2	0	0	0	0	0	0	0	4
06:00	0	15	6	0	4	1	0	0	0	0	0	0	0	26
07:00	0	29	9	0	7	0	0	0	0	0	0	0	0	45
08:00	0	56	21	0	8	1	0	0	1	0	0	0	0	87
09:00	0	35	11	0	6	0	0	0	0	0	0	0	0	52
10:00	0	32	12	0	3	0	0	0	0	0	0	0	0	47
11:00	0	32	11	0	6	0	0	0	0	0	0	0	0	49
12:00 PM	1	33	21	1	4	0	0	0	0	0	0	0	0	60
13:00	1	39	12	0	3	0	0	0	0	0	1	0	0	56
14:00	0	41	12	0	2	1	0	0	0	0	0	0	0	56
15:00	0	42	12	0	4	0	0	0	0	0	0	0	0	58
16:00	0	43	17	0	3	0	0	0	0	0	0	0	0	63
17:00	0	40	9	0	4	0	0	0	0	0	0	0	0	53
18:00	0	24	11	0	1	0	0	0	0	0	0	0	0	36
19:00	0	9	4	0	2	0	0	0	0	0	0	0	0	15
20:00	0	5	0	0	1	0	0	0	0	0	0	0	0	6
21:00	0	5	1	0	0	0	0	0	0	0	0	0	0	6
22:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
23:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
Totals	**2**	**492**	**169**	**1**	**58**	**5**			**1**		**1**			**729**
% of Totals	0%	67%	23%	0%	8%	1%			0%		0%			100%

AM Volumes	0	205	70	0	34	4	0	0	1	0	0	0	0	314
% AM		28%	10%		5%	1%			0%					43%
AM Peak Hour		08:00	08:00		08:00	05:00			08:00					08:00
Volume		56	21		8	2			1					87
PM Volumes	2	287	99	1	24	1	0	0	0	0	1	0	0	415
% PM	0%	39%	14%	0%	3%	0%					0%			57%
PM Peak Hour	12:00	16:00	12:00	12:00	12:00	14:00					13:00			16:00
Volume	1	43	21	1	4	1					1			63

Directional Peak Periods	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	132	18%	116	16%	116	16%	365	50%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

E Bennett Rd W/O Brunswick Rd

Day: Monday
Date: 9/9/2019

City: Grass Valley
Project #: CA19_7288_009

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
04:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
05:00	0	6	6	0	0	2	0	0	0	0	0	0	0	14
06:00	0	20	9	0	4	2	0	0	0	0	0	0	0	35
07:00	0	47	16	4	12	1	0	1	0	0	0	0	0	81
08:00	0	95	35	1	10	2	0	0	1	0	0	0	0	144
09:00	0	59	19	0	9	0	0	0	0	0	0	0	0	87
10:00	0	59	21	0	7	0	0	0	0	0	0	0	0	87
11:00	0	53	21	0	10	1	0	0	0	0	0	0	0	85
12:00 PM	2	60	39	1	6	0	0	0	0	0	0	0	0	108
13:00	2	71	25	0	8	0	0	0	0	0	1	0	0	107
14:00	0	67	25	0	5	1	0	0	1	0	0	0	0	99
15:00	0	78	27	0	8	0	0	0	0	0	0	0	0	113
16:00	0	90	34	1	10	0	0	0	0	0	0	0	0	135
17:00	0	80	24	0	10	0	0	1	0	0	0	0	0	115
18:00	0	46	17	0	3	0	0	0	0	0	0	0	0	66
19:00	0	36	9	0	3	0	0	0	0	0	0	0	0	48
20:00	0	23	5	0	1	0	0	0	0	0	0	0	0	29
21:00	0	17	4	0	0	0	0	0	0	0	0	0	0	21
22:00	1	7	1	0	1	0	0	0	0	0	0	0	0	10
23:00	0	6	1	0	0	0	0	0	0	0	0	0	0	7
Totals	**5**	**928**	**339**	**7**	**107**	**9**		**2**	**2**		**1**			**1400**
% of Totals	0%	66%	24%	1%	8%	1%		0%	0%		0%			100%

AM Volumes	0	347	128	5	52	8	0	1	1	0	0	0	0	542
% AM		25%	9%	0%	4%	1%		0%	0%					39%
AM Peak Hour		08:00	08:00	07:00	07:00	05:00		07:00	08:00					08:00
Volume		95	35	4	12	2		1	1					144
PM Volumes	5	581	211	2	55	1	0	1	1	0	1	0	0	858
% PM	0%	42%	15%	0%	4%	0%		0%	0%		0%			61%
PM Peak Hour	12:00	16:00	12:00	12:00	16:00	14:00		17:00	14:00		13:00			16:00
Volume	2	90	39	1	10	1		1	1		1			135

Directional Peak Periods	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	225	16%	215	15%	250	18%	710	51%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

E Bennett Rd W/O Brunswick Rd

Day: Tuesday
Date: 9/10/2019

City: Grass Valley
Project #: CA19_7288_009

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	696	749	1,445

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
00:00	0	0	0		0				**12:00**	0	0	14		20		34	
00:15	0	0	0		0				**12:15**	0	0	9		12		21	
00:30	0	0	1		1		2		**12:30**	0	0	12		14		26	
00:45	0	0	2	3	0	1	2	4	**12:45**	0	0	13	48	16	62	29	110
01:00	0	0	2		1		3		**13:00**	0	0	8		9		17	
01:15	0	0	0		0				**13:15**	0	0	6		16		22	
01:30	0	0	0		0				**13:30**	0	0	14		10		24	
01:45	0	0	1	3	1	2	2	5	**13:45**	0	0	19	47	21	56	40	103
02:00	0	0	1		0		1		**14:00**	0	0	5		18		23	
02:15	0	0	1		0		1		**14:15**	0	0	10		13		23	
02:30	0	0	0		1		1		**14:30**	0	0	10		13		23	
02:45	0	0	0	2	0	1		3	**14:45**	0	0	19	44	17	61	36	105
03:00	0	0	0		0				**15:00**	0	0	20		11		31	
03:15	0	0	1		1		2		**15:15**	0	0	10		17		27	
03:30	0	0	1		0		1		**15:30**	0	0	15		18		33	
03:45	0	0	0	2	1	2	1	4	**15:45**	0	0	20	65	18	64	38	129
04:00	0	0	3		0		3		**16:00**	0	0	20		13		33	
04:15	0	0	1		1		2		**16:15**	0	0	21		12		33	
04:30	0	0	2		1		3		**16:30**	0	0	13		16		29	
04:45	0	0	2	8	0	2	2	10	**16:45**	0	0	23	77	14	55	37	132
05:00	0	0	1		0		1		**17:00**	0	0	22		21		43	
05:15	0	0	1		1		2		**17:15**	0	0	16		12		28	
05:30	0	0	2		1		3		**17:30**	0	0	14		14		28	
05:45	0	0	11	15	2	4	13	19	**17:45**	0	0	11	63	12	59	23	122
06:00	0	0	1		3		4		**18:00**	0	0	13		18		31	
06:15	0	0	2		4		6		**18:15**	0	0	11		9		20	
06:30	0	0	6		6		12		**18:30**	0	0	4		8		12	
06:45	0	0	1	10	6	19	7	29	**18:45**	0	0	2	30	10	45	12	75
07:00	0	0	3		18		21		**19:00**	0	0	16		2		18	
07:15	0	0	4		11		15		**19:15**	0	0	14		3		17	
07:30	0	0	12		10		22		**19:30**	0	0	2		3		5	
07:45	0	0	12	31	16	55	28	86	**19:45**	0	0	13	45	4	12	17	57
08:00	0	0	9		28		37		**20:00**	0	0	3		0		3	
08:15	0	0	14		21		35		**20:15**	0	0	8		3		11	
08:30	0	0	13		22		35		**20:30**	0	0	12		2		14	
08:45	0	0	16	52	15	86	31	138	**20:45**	0	0	8	31	1	6	9	37
09:00	0	0	14		14		28		**21:00**	0	0	7		3		10	
09:15	0	0	4		11		15		**21:15**	0	0	3		0		3	
09:30	0	0	5		20		25		**21:30**	0	0	0		0			
09:45	0	0	8	31	14	59	22	90	**21:45**	0	0	2	12	1	4	3	16
10:00	0	0	5		8		13		**22:00**	0	0	1		1		2	
10:15	0	0	10		13		23		**22:15**	0	0	2		1		3	
10:30	0	0	14		19		33		**22:30**	0	0	1		1		2	
10:45	0	0	11	40	13	53	24	93	**22:45**	0	0	1	5	0	3	1	8
11:00	0	0	9		6		15		**23:00**	0	0	2		1		3	
11:15	0	0	5		16		21		**23:15**	0	0	1		2		3	
11:30	0	0	8		5		13		**23:30**	0	0	0		1		1	
11:45	0	0	5	27	7	34	12	61	**23:45**	0	0	2	5	0	4	2	9
TOTALS				224		318		**542**	**TOTALS**				472		431		**903**
SPLIT %				41.3%		58.7%		**37.5%**	**SPLIT %**				52.3%		47.7%		**62.5%**

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	696	749	1,445

AM Peak Hour			08:15	07:45	**08:00**	**PM Peak Hour**			16:15	15:15	**16:15**
AM Pk Volume			57	87	**138**	**PM Pk Volume**			79	66	**142**
Pk Hr Factor			0.891	0.777	**0.932**	**Pk Hr Factor**			0.859	0.917	**0.826**
7 - 9 Volume	0	0	83	141	**224**	**4 - 6 Volume**	0	0	140	114	**254**
7 - 9 Peak Hour			08:00	07:45	**08:00**	**4 - 6 Peak Hour**			16:15	16:15	**16:15**
7 - 9 Pk Volume	0	0	52	87	**138**	**4 - 6 Pk Volume**	0	0	79	63	**142**
Pk Hr Factor	0.000	0.000	0.813	0.777	**0.932**	**Pk Hr Factor**	0.000	0.000	0.859	0.750	**0.826**

Prepared by National Data & Surveying Services

CLASSIFICATION

E Bennett Rd W/O Brunswick Rd

Day: Tuesday
Date: 9/10/2019

City: Grass Valley
Project #: CA19_7288_009e

East Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	3	0	0	0	0	0	0	0	0	0	0	0	3
01:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
04:00	0	4	4	0	0	0	0	0	0	0	0	0	0	8
05:00	0	6	9	0	0	0	0	0	0	0	0	0	0	15
06:00	0	4	6	0	0	0	0	0	0	0	0	0	0	10
07:00	0	21	5	0	5	0	0	0	0	0	0	0	0	31
08:00	0	38	12	0	1	1	0	0	0	0	0	0	0	52
09:00	0	23	4	1	3	0	0	0	0	0	0	0	0	31
10:00	0	24	13	0	3	0	0	0	0	0	0	0	0	40
11:00	1	16	7	0	3	0	0	0	0	0	0	0	0	27
12:00 PM	0	24	21	0	2	1	0	0	0	0	0	0	0	48
13:00	0	30	12	0	5	0	0	0	0	0	0	0	0	47
14:00	0	28	12	1	3	0	0	0	0	0	0	0	0	44
15:00	0	50	11	0	4	0	0	0	0	0	0	0	0	65
16:00	1	60	12	0	4	0	0	0	0	0	0	0	0	77
17:00	0	45	10	1	6	1	0	0	0	0	0	0	0	63
18:00	0	24	3	0	3	0	0	0	0	0	0	0	0	30
19:00	0	39	4	0	2	0	0	0	0	0	0	0	0	45
20:00	0	27	4	0	0	0	0	0	0	0	0	0	0	31
21:00	0	12	0	0	0	0	0	0	0	0	0	0	0	12
22:00	0	2	3	0	0	0	0	0	0	0	0	0	0	5
23:00	0	2	3	0	0	0	0	0	0	0	0	0	0	5
Totals	**2**	**489**	**155**	**3**	**44**	**3**								**696**
% of Totals	0%	70%	22%	0%	6%	0%								100%

AM Volumes	1	146	60	1	15	1	0	0	0	0	0	0	0	224
% AM	0%	21%	9%	0%	2%	0%								32%
AM Peak Hour	11:00	08:00	10:00	09:00	07:00	08:00								08:00
Volume	1	38	13	1	5	1								52
PM Volumes	1	343	95	2	29	2	0	0	0	0	0	0	0	472
% PM	0%	49%	14%	0%	4%	0%								68%
PM Peak Hour	16:00	16:00	12:00	14:00	17:00	12:00								16:00
Volume	1	60	21	1	6	1								77

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	83		12%	95		14%	140		20%	378		54%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

CLASSIFICATION

E Bennett Rd W/O Brunswick Rd

Day: Tuesday
Date: 9/10/2019

City: Grass Valley
Project #: CA19_7288_009w

West Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
04:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
05:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
06:00	0	12	4	0	3	0	0	0	0	0	0	0	0	19
07:00	0	38	10	0	7	0	0	0	0	0	0	0	0	55
08:00	1	56	22	0	7	0	0	0	0	0	0	0	0	86
09:00	0	37	16	0	5	1	0	0	0	0	0	0	0	59
10:00	0	34	18	0	1	0	0	0	0	0	0	0	0	53
11:00	0	28	4	0	2	0	0	0	0	0	0	0	0	34
12:00 PM	1	38	16	1	6	0	0	0	0	0	0	0	0	62
13:00	0	39	11	0	5	1	0	0	0	0	0	0	0	56
14:00	0	45	14	0	2	0	0	0	0	0	0	0	0	61
15:00	0	47	10	0	7	0	0	0	0	0	0	0	0	64
16:00	1	43	8	0	2	1	0	0	0	0	0	0	0	55
17:00	0	48	6	1	4	0	0	0	0	0	0	0	0	59
18:00	0	31	9	0	5	0	0	0	0	0	0	0	0	45
19:00	0	4	2	0	6	0	0	0	0	0	0	0	0	12
20:00	0	3	2	0	1	0	0	0	0	0	0	0	0	6
21:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
22:00	0	1	2	0	0	0	0	0	0	0	0	0	0	3
23:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
Totals	**3**	**523**	**155**	**2**	**63**	**3**								**749**
% of Totals	0%	70%	21%	0%	8%	0%								100%

AM Volumes	1	217	74	0	25	1	0	0	0	0	0	0	0	318
% AM	0%	29%	10%		3%	0%								42%
AM Peak Hour	08:00	08:00	08:00		07:00	09:00								08:00
Volume	1	56	22		7	1								86
PM Volumes	2	306	81	2	38	2	0	0	0	0	0	0	0	431
% PM	0%	41%	11%	0%	5%	0%								58%
PM Peak Hour	12:00	17:00	12:00	12:00	15:00	13:00								15:00
Volume	1	48	16	1	7	1								64

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	141		19%	118		16%	114		15%	376		50%

Classification Definitions

1	Motorcycles	**4**	Buses	**7**	> =4-Axle Single Units	**10**	>=6-Axle Single Trailers	**13**	>=7-Axle Multi-Trailers
2	Passenger Cars	**5**	2-Axle, 6-Tire Single Units	**8**	<=4-Axle Single Trailers	**11**	<=5-Axle Multi-Trailers		
3	2-Axle, 4-Tire Single Units	**6**	3-Axle Single Units	**9**	5-Axle Single Trailers	**12**	6-Axle Multi-Trailers		

Prepared by National Data & Surveying Services

CLASSIFICATION

E Bennett Rd W/O Brunswick Rd

Day: Tuesday
Date: 9/10/2019

City: Grass Valley
Project #: CA19_7288_009

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	4	0	0	0	0	0	0	0	0	0	0	0	4
01:00	0	5	0	0	0	0	0	0	0	0	0	0	0	5
02:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
03:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
04:00	0	6	4	0	0	0	0	0	0	0	0	0	0	10
05:00	0	10	9	0	0	0	0	0	0	0	0	0	0	19
06:00	0	16	10	0	3	0	0	0	0	0	0	0	0	29
07:00	0	59	15	0	12	0	0	0	0	0	0	0	0	86
08:00	1	94	34	0	8	1	0	0	0	0	0	0	0	138
09:00	0	60	20	1	8	1	0	0	0	0	0	0	0	90
10:00	0	58	31	0	4	0	0	0	0	0	0	0	0	93
11:00	1	44	11	0	5	0	0	0	0	0	0	0	0	61
12:00 PM	1	62	37	1	8	1	0	0	0	0	0	0	0	110
13:00	0	69	23	0	10	1	0	0	0	0	0	0	0	103
14:00	0	73	26	1	5	0	0	0	0	0	0	0	0	105
15:00	0	97	21	0	11	0	0	0	0	0	0	0	0	129
16:00	2	103	20	0	6	1	0	0	0	0	0	0	0	132
17:00	0	93	16	2	10	1	0	0	0	0	0	0	0	122
18:00	0	55	12	0	8	0	0	0	0	0	0	0	0	75
19:00	0	43	6	0	8	0	0	0	0	0	0	0	0	57
20:00	0	30	6	0	1	0	0	0	0	0	0	0	0	37
21:00	0	15	1	0	0	0	0	0	0	0	0	0	0	16
22:00	0	3	5	0	0	0	0	0	0	0	0	0	0	8
23:00	0	6	3	0	0	0	0	0	0	0	0	0	0	9
Totals	**5**	**1012**	**310**	**5**	**107**	**6**								**1445**
% of Totals	0%	70%	21%	0%	7%	0%								100%

AM Volumes	2	363	134	1	40	2	0	0	0	0	0	0	0	542
% AM	0%	25%	9%	0%	3%	0%								38%
AM Peak Hour	08:00	08:00	08:00	09:00	07:00	08:00								08:00
Volume	1	94	34	1	12	1								138
PM Volumes	3	649	176	4	67	4	0	0	0	0	0	0	0	903
% PM	0%	45%	12%	0%	5%	0%								62%
PM Peak Hour	16:00	16:00	12:00	17:00	15:00	12:00								16:00
Volume	2	103	37	2	11	1								132

Directional Peak Periods	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	224	16%	213	15%	254	18%	754	52%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Whispering Pines Ln E/O Centennial Dr

Day: Wednesday
Date: 9/4/2019

City: Grass Valley
Project #: CA19_7288_010

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	1,626	1,851	3,477

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
00:00	0	0	4		0		4		**12:00**	0	0	31		37		68	
00:15	0	0	0		1		1		**12:15**	0	0	39		32		71	
00:30	0	0	0		0				**12:30**	0	0	45		30		75	
00:45	0	0	0	4	0	1		5	**12:45**	0	0	32	147	49	148	81	295
01:00	0	0	0		0				**13:00**	0	0	43		40		83	
01:15	0	0	1		0		1		**13:15**	0	0	32		43		75	
01:30	0	0	2		1		3		**13:30**	0	0	32		36		68	
01:45	0	0	0	3	0	1		4	**13:45**	0	0	19	126	33	152	52	278
02:00	0	0	1		0		1		**14:00**	0	0	29		33		62	
02:15	0	0	1		1		2		**14:15**	0	0	18		20		38	
02:30	0	0	1		1		2		**14:30**	0	0	29		29		58	
02:45	0	0	1	4	0	2	1	6	**14:45**	0	0	33	109	33	115	66	224
03:00	0	0	1		0		1		**15:00**	0	0	29		30		59	
03:15	0	0	0		0				**15:15**	0	0	49		37		86	
03:30	0	0	0		0				**15:30**	0	0	50		30		80	
03:45	0	0	1	2	0		1	2	**15:45**	0	0	48	176	38	135	86	311
04:00	0	0	1		3		4		**16:00**	0	0	38		26		64	
04:15	0	0	1		4		5		**16:15**	0	0	35		25		60	
04:30	0	0	1		3		4		**16:30**	0	0	60		32		92	
04:45	0	0	1	4	17	27	18	31	**16:45**	0	0	38	171	29	112	67	283
05:00	0	0	1		5		6		**17:00**	0	0	92		28		120	
05:15	0	0	6		14		20		**17:15**	0	0	50		29		79	
05:30	0	0	2		9		11		**17:30**	0	0	34		22		56	
05:45	0	0	2	11	26	54	28	65	**17:45**	0	0	26	202	11	90	37	292
06:00	0	0	10		14		24		**18:00**	0	0	29		11		40	
06:15	0	0	6		23		29		**18:15**	0	0	15		10		25	
06:30	0	0	6		20		26		**18:30**	0	0	21		15		36	
06:45	0	0	12	34	53	110	65	144	**18:45**	0	0	21	86	15	51	36	137
07:00	0	0	17		31		48		**19:00**	0	0	13		9		22	
07:15	0	0	7		33		40		**19:15**	0	0	7		10		17	
07:30	0	0	7		37		44		**19:30**	0	0	6		5		11	
07:45	0	0	8	39	77	178	85	217	**19:45**	0	0	8	34	8	32	16	66
08:00	0	0	11		63		74		**20:00**	0	0	8		7		15	
08:15	0	0	12		92		104		**20:15**	0	0	4		7		11	
08:30	0	0	23		55		78		**20:30**	0	0	12		2		14	
08:45	0	0	18	64	38	248	56	312	**20:45**	0	0	5	29	6	22	11	51
09:00	0	0	13		45		58		**21:00**	0	0	3		2		5	
09:15	0	0	37		33		70		**21:15**	0	0	4		5		9	
09:30	0	0	39		24		63		**21:30**	0	0	4		3		7	
09:45	0	0	37	126	34	136	71	262	**21:45**	0	0	2	13	3	13	5	26
10:00	0	0	26		24		50		**22:00**	0	0	3		0		3	
10:15	0	0	22		26		48		**22:15**	0	0	1		1		2	
10:30	0	0	32		31		63		**22:30**	0	0	0		1		1	
10:45	0	0	26	106	30	111	56	217	**22:45**	0	0	0	4	1	3	1	7
11:00	0	0	26		24		50		**23:00**	0	0	0		1		1	
11:15	0	0	30		27		57		**23:15**	0	0	0		1		1	
11:30	0	0	38		22		60		**23:30**	0	0	0		2		2	
11:45	0	0	37	131	32	105	69	236	**23:45**	0	0	1	1	1	5	2	6
TOTALS				528		973		**1501**	**TOTALS**				1098		878		**1976**
SPLIT %				35.2%		64.8%		**43.2%**	**SPLIT %**				55.6%		44.4%		**56.8%**

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	1,626	1,851	3,477

AM Peak Hour				11:45		07:45		**07:45**	**PM Peak Hour**				16:30		12:45		**16:30**
AM Pk Volume				152		287		**341**	**PM Pk Volume**				240		168		**358**
Pk Hr Factor				0.844		0.780		**0.820**	**Pk Hr Factor**				0.652		0.857		**0.746**
7 - 9 Volume	0	0		103		426		**529**	**4 - 6 Volume**	0	0		373		202		**575**
7 - 9 Peak Hour				08:00		07:45		**07:45**	**4 - 6 Peak Hour**				16:30		16:30		**16:30**
7 - 9 Pk Volume	0	0		64		287		**341**	**4 - 6 Pk Volume**	0	0		240		118		**358**
Pk Hr Factor	0.000	0.000		0.696		0.780		**0.820**	**Pk Hr Factor**	0.000	0.000		0.652		0.922		**0.746**

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln E/O Centennial Dr

Day: Wednesday
Date: 9/4/2019

City: Grass Valley
Project #: CA19_7288_010e

East Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	2	2	0	0	0	0	0	0	0	0	0	0	4
01:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
02:00	0	3	0	0	1	0	0	0	0	0	0	0	0	4
03:00	0	1	0	0	1	0	0	0	0	0	0	0	0	2
04:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
05:00	0	3	4	1	2	1	0	0	0	0	0	0	0	11
06:00	0	19	10	0	5	0	0	0	0	0	0	0	0	34
07:00	0	24	13	0	2	0	0	0	0	0	0	0	0	39
08:00	0	40	17	0	5	2	0	0	0	0	0	0	0	64
09:00	1	91	29	0	4	1	0	0	0	0	0	0	0	126
10:00	1	70	28	0	5	2	0	0	0	0	0	0	0	106
11:00	2	83	36	0	8	2	0	0	0	0	0	0	0	131
12:00 PM	1	110	28	0	6	0	0	2	0	0	0	0	0	147
13:00	0	88	34	1	2	0	0	1	0	0	0	0	0	126
14:00	2	73	28	0	5	1	0	0	0	0	0	0	0	109
15:00	1	121	42	0	12	0	0	0	0	0	0	0	0	176
16:00	0	132	36	0	3	0	0	0	0	0	0	0	0	171
17:00	2	154	36	0	7	2	0	0	0	1	0	0	0	202
18:00	0	68	16	0	2	0	0	0	0	0	0	0	0	86
19:00	0	28	6	0	0	0	0	0	0	0	0	0	0	34
20:00	0	28	1	0	0	0	0	0	0	0	0	0	0	29
21:00	0	11	1	0	0	0	0	0	0	0	1	0	0	13
22:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
23:00	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Totals	**10**	**1158**	**369**	**2**	**70**	**12**		**3**		**1**	**1**			**1626**
% of Totals	1%	71%	23%	0%	4%	1%		0%		0%	0%			100%

AM Volumes	4	342	140	1	33	8	0	0	0	0	0	0	0	528
% AM	0%	21%	9%	0%	2%	0%								32%
AM Peak Hour	11:00	09:00	11:00	05:00	11:00	08:00								11:00
Volume	2	91	36	1	8	2								131
PM Volumes	6	816	229	1	37	4	0	3	0	1	1	0	0	1098
% PM	0%	50%	14%	0%	2%	0%		0%		0%	0%			68%
PM Peak Hour	14:00	17:00	15:00	13:00	15:00	17:00		12:00		17:00	21:00			17:00
Volume	2	154	42	1	12	2		2		1	1			202

Directional Peak Periods	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	103	6%	273	17%	373	23%	877	54%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln E/O Centennial Dr

Day: Wednesday
Date: 9/4/2019

City: Grass Valley
Project #: CA19_7288_010w

West Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	25	2	0	0	0	0	0	0	0	0	0	0	27
05:00	0	41	10	0	3	0	0	0	0	0	0	0	0	54
06:00	0	86	19	0	2	3	0	0	0	0	0	0	0	110
07:00	3	140	32	1	0	0	0	0	2	0	0	0	0	178
08:00	1	201	36	0	8	0	0	0	0	1	1	0	0	248
09:00	1	90	37	1	2	3	1	0	1	0	0	0	0	136
10:00	1	82	23	0	4	1	0	0	0	0	0	0	0	111
11:00	0	74	28	1	1	0	0	1	0	0	0	0	0	105
12:00 PM	1	115	24	1	4	2	0	1	0	0	0	0	0	148
13:00	1	116	30	0	5	0	0	0	0	0	0	0	0	152
14:00	0	94	16	0	3	0	1	1	0	0	0	0	0	115
15:00	1	87	35	1	4	6	0	0	1	0	0	0	0	135
16:00	0	73	31	1	6	1	0	0	0	0	0	0	0	112
17:00	0	68	17	0	2	2	1	0	0	0	0	0	0	90
18:00	0	42	6	0	2	0	0	0	0	0	1	0	0	51
19:00	0	27	4	0	0	1	0	0	0	0	0	0	0	32
20:00	0	17	4	0	1	0	0	0	0	0	0	0	0	22
21:00	0	10	3	0	0	0	0	0	0	0	0	0	0	13
22:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
23:00	0	3	2	0	0	0	0	0	0	0	0	0	0	5
Totals	**9**	**1396**	**361**	**6**	**47**	**19**	**3**	**3**	**4**	**1**	**2**			**1851**
% of Totals	0%	75%	20%	0%	3%	1%	0%	0%	0%	0%	0%			100%

AM Volumes	6	742	188	3	20	7	1	1	3	1	1	0	0	973
% AM	0%	40%	10%	0%	1%	0%	0%	0%	0%	0%	0%			53%
AM Peak Hour	07:00	08:00	09:00	07:00	08:00	06:00	09:00	11:00	07:00	08:00	08:00			08:00
Volume	3	201	37	1	8	3	1	1	2	1	1			248
PM Volumes	3	654	173	3	27	12	2	2	1	0	1	0	0	878
% PM	0%	35%	9%	0%	1%	1%	0%	0%	0%		0%			47%
PM Peak Hour	12:00	13:00	15:00	12:00	16:00	15:00	14:00	12:00	15:00		18:00			13:00
Volume	1	116	35	1	6	6	1	1	1		1			152

Directional Peak Periods All Classes	AM 7-9 Volume	AM 7-9 %	NOON 12-2 Volume	NOON 12-2 %	PM 4-6 Volume	PM 4-6 %	Off Peak Volumes Volume	Off Peak Volumes %
	426	23%	300	16%	202	11%	923	50%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln E/O Centennial Dr

Day: Wednesday
Date: 9/4/2019

City: Grass Valley
Project #: CA19_7288_010

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	3	2	0	0	0	0	0	0	0	0	0	0	5
01:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
02:00	0	5	0	0	1	0	0	0	0	0	0	0	0	6
03:00	0	1	0	0	1	0	0	0	0	0	0	0	0	2
04:00	0	28	3	0	0	0	0	0	0	0	0	0	0	31
05:00	0	44	14	1	5	1	0	0	0	0	0	0	0	65
06:00	0	105	29	0	7	3	0	0	0	0	0	0	0	144
07:00	3	164	45	1	2	0	0	0	2	0	0	0	0	217
08:00	1	241	53	0	13	2	0	0	0	1	1	0	0	312
09:00	2	181	66	1	6	4	1	0	1	0	0	0	0	262
10:00	2	152	51	0	9	3	0	0	0	0	0	0	0	217
11:00	2	157	64	1	9	2	0	1	0	0	0	0	0	236
12:00 PM	2	225	52	1	10	2	0	3	0	0	0	0	0	295
13:00	1	204	64	1	7	0	0	1	0	0	0	0	0	278
14:00	2	167	44	0	8	1	1	1	0	0	0	0	0	224
15:00	2	208	77	1	16	6	0	0	1	0	0	0	0	311
16:00	0	205	67	1	9	1	0	0	0	0	0	0	0	283
17:00	2	222	53	0	9	4	1	0	0	1	0	0	0	292
18:00	0	110	22	0	4	0	0	0	0	0	1	0	0	137
19:00	0	55	10	0	0	1	0	0	0	0	0	0	0	66
20:00	0	45	5	0	1	0	0	0	0	0	0	0	0	51
21:00	0	21	4	0	0	0	0	0	0	0	1	0	0	26
22:00	0	5	2	0	0	0	0	0	0	0	0	0	0	7
23:00	0	3	2	0	0	1	0	0	0	0	0	0	0	6
Totals	**19**	**2554**	**730**	**8**	**117**	**31**	**3**	**6**	**4**	**2**	**3**			**3477**
% of Totals	1%	73%	21%	0%	3%	1%	0%	0%	0%	0%	0%			100%

AM Volumes	10	1084	328	4	53	15	1	1	3	1	1	0	0	1501
% AM	0%	31%	9%	0%	2%	0%	0%	0%	0%	0%	0%			43%
AM Peak Hour	07:00	08:00	09:00	05:00	08:00	09:00	09:00	11:00	07:00	08:00	08:00			08:00
Volume	3	241	66	1	13	4	1	1	2	1	1			312
PM Volumes	9	1470	402	4	64	16	2	5	1	1	2	0	0	1976
% PM	0%	42%	12%	0%	2%	0%	0%	0%	0%	0%	0%			57%
PM Peak Hour	12:00	12:00	15:00	12:00	15:00	15:00	14:00	12:00	15:00	17:00	18:00			15:00
Volume	2	225	77	1	16	6	1	3	1	1	1			311

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	529		15%	573		16%	575		17%	1800		52%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Whispering Pines Ln E/O Centennial Dr

Day: Thursday
Date: 9/5/2019

City: Grass Valley
Project #: CA19_7288_010

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	1,592	1,744	3,336

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
00:00	0	0	5		0		5		**12:00**	0	0	43		23		66	
00:15	0	0	0		0				**12:15**	0	0	33		34		67	
00:30	0	0	0		0				**12:30**	0	0	32		41		73	
00:45	0	0	1	6	1	1	2	7	**12:45**	0	0	35	143	35	133	70	276
01:00	0	0	0		0				**13:00**	0	0	40		38		78	
01:15	0	0	0		0				**13:15**	0	0	27		37		64	
01:30	0	0	0		1		1		**13:30**	0	0	31		24		55	
01:45	0	0	1	1	3	4	4	5	**13:45**	0	0	30	128	28	127	58	255
02:00	0	0	3		1		4		**14:00**	0	0	31		16		47	
02:15	0	0	0		0				**14:15**	0	0	28		23		51	
02:30	0	0	0		0				**14:30**	0	0	30		27		57	
02:45	0	0	0	3	1	2	1	5	**14:45**	0	0	36	125	23	89	59	214
03:00	0	0	1		0		1		**15:00**	0	0	21		31		52	
03:15	0	0	0		0				**15:15**	0	0	26		17		43	
03:30	0	0	2		0		2		**15:30**	0	0	69		45		114	
03:45	0	0	0	3	2	2	2	5	**15:45**	0	0	48	164	26	119	74	283
04:00	0	0	1		2		3		**16:00**	0	0	34		36		70	
04:15	0	0	1		6		7		**16:15**	0	0	39		40		79	
04:30	0	0	1		3		4		**16:30**	0	0	51		24		75	
04:45	0	0	0	3	11	22	11	25	**16:45**	0	0	45	169	20	120	65	289
05:00	0	0	1		4		5		**17:00**	0	0	82		23		105	
05:15	0	0	3		7		10		**17:15**	0	0	49		24		73	
05:30	0	0	3		9		12		**17:30**	0	0	34		24		58	
05:45	0	0	1	8	20	40	21	48	**17:45**	0	0	33	198	13	84	46	282
06:00	0	0	4		15		19		**18:00**	0	0	24		9		33	
06:15	0	0	4		18		22		**18:15**	0	0	17		13		30	
06:30	0	0	7		31		38		**18:30**	0	0	25		10		35	
06:45	0	0	12	27	50	114	62	141	**18:45**	0	0	22	88	11	43	33	131
07:00	0	0	19		42		61		**19:00**	0	0	11		11		22	
07:15	0	0	8		24		32		**19:15**	0	0	9		10		19	
07:30	0	0	11		37		48		**19:30**	0	0	7		4		11	
07:45	0	0	10	48	77	180	87	228	**19:45**	0	0	9	36	9	34	18	70
08:00	0	0	13		57		70		**20:00**	0	0	10		4		14	
08:15	0	0	24		69		93		**20:15**	0	0	8		7		15	
08:30	0	0	9		49		58		**20:30**	0	0	5		5		10	
08:45	0	0	25	71	44	219	69	290	**20:45**	0	0	3	26	1	17	4	43
09:00	0	0	20		50		70		**21:00**	0	0	3		2		5	
09:15	0	0	37		37		74		**21:15**	0	0	3		1		4	
09:30	0	0	19		27		46		**21:30**	0	0	0		4		4	
09:45	0	0	17	93	34	148	51	241	**21:45**	0	0	8	14	3	10	11	24
10:00	0	0	24		30		54		**22:00**	0	0	2		1		3	
10:15	0	0	22		33		55		**22:15**	0	0	1		1		2	
10:30	0	0	19		37		56		**22:30**	0	0	2		0		2	
10:45	0	0	26	91	21	121	47	212	**22:45**	0	0	1	6	2	4	3	10
11:00	0	0	37		23		60		**23:00**	0	0	3		0		3	
11:15	0	0	32		31		63		**23:15**	0	0	0		0			
11:30	0	0	28		21		49		**23:30**	0	0	1		0		1	
11:45	0	0	40	137	36	111	76	248	**23:45**	0	0	0	4	0			4
TOTALS				491		964		**1455**	**TOTALS**				1101		780		**1881**
SPLIT %				33.7%		66.3%		**43.6%**	**SPLIT %**				58.5%		41.5%		**56.4%**

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	1,592	1,744	3,336

AM Peak Hour				11:45		07:45		**07:45**	**PM Peak Hour**				16:30		12:30		**15:30**
AM Pk Volume				148		252		**308**	**PM Pk Volume**				227		151		**337**
Pk Hr Factor				0.860		0.818		**0.828**	**Pk Hr Factor**				0.692		0.921		**0.739**
7 - 9 Volume	0	0		119		399		**518**	**4 - 6 Volume**	0	0		367		204		**571**
7 - 9 Peak Hour				08:00		07:45		**07:45**	**4 - 6 Peak Hour**				16:30		16:00		**16:15**
7 - 9 Pk Volume	0	0		71		252		**308**	**4 - 6 Pk Volume**	0	0		227		120		**324**
Pk Hr Factor	0.000	0.000		0.710		0.818		**0.828**	**Pk Hr Factor**	0.000	0.000		0.692		0.750		**0.771**

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln E/O Centennial Dr

Day: Thursday
Date: 9/5/2019

City: Grass Valley
Project #: CA19_7288_010e

East Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	3	3	0	0	0	0	0	0	0	0	0	0	6
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
03:00	0	2	0	0	1	0	0	0	0	0	0	0	0	3
04:00	0	1	0	0	2	0	0	0	0	0	0	0	0	3
05:00	0	5	3	0	0	0	0	0	0	0	0	0	0	8
06:00	0	19	7	0	1	0	0	0	0	0	0	0	0	27
07:00	0	23	17	0	7	1	0	0	0	0	0	0	0	48
08:00	0	43	21	1	6	0	0	0	0	0	0	0	0	71
09:00	1	56	28	0	6	2	0	0	0	0	0	0	0	93
10:00	0	65	21	0	3	2	0	0	0	0	0	0	0	91
11:00	1	95	39	0	1	0	0	0	1	0	0	0	0	137
12:00 PM	2	110	21	0	8	2	0	0	0	0	0	0	0	143
13:00	1	84	35	1	4	2	0	0	1	0	0	0	0	128
14:00	2	91	24	0	5	3	0	0	0	0	0	0	0	125
15:00	0	129	27	1	5	0	2	0	0	0	0	0	0	164
16:00	0	137	27	0	3	0	0	2	0	0	0	0	0	169
17:00	2	157	34	0	3	1	0	0	0	1	0	0	0	198
18:00	0	68	17	0	2	1	0	0	0	0	0	0	0	88
19:00	0	33	3	0	0	0	0	0	0	0	0	0	0	36
20:00	1	18	5	0	1	1	0	0	0	0	0	0	0	26
21:00	0	11	3	0	0	0	0	0	0	0	0	0	0	14
22:00	0	6	0	0	0	0	0	0	0	0	0	0	0	6
23:00	0	2	1	0	1	0	0	0	0	0	0	0	0	4
Totals	**10**	**1162**	**336**	**3**	**59**	**15**	**2**	**2**	**2**	**1**				**1592**
% of Totals	1%	73%	21%	0%	4%	1%	0%	0%	0%	0%				100%

AM Volumes	2	316	139	1	27	5	0	0	1	0	0	0	0	491
% AM	0%	20%	9%	0%	2%	0%			0%					31%
AM Peak Hour	09:00	11:00	11:00	08:00	07:00	09:00			11:00					11:00
Volume	1	95	39	1	7	2			1					137
PM Volumes	8	846	197	2	32	10	2	2	1	1	0	0	0	1101
% PM	1%	53%	12%	0%	2%	1%	0%	0%	0%	0%				69%
PM Peak Hour	12:00	17:00	13:00	13:00	12:00	14:00	15:00	16:00	13:00	17:00				17:00
Volume	2	157	35	1	8	3	2	2	1	1				198

Directional Peak Periods	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	119	7%	271	17%	367	23%	835	52%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln E/O Centennial Dr

Day: Thursday
Date: 9/5/2019

City: Grass Valley
Project #: CA19_7288_010w

West Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	2	1	0	1	0	0	0	0	0	0	0	0	4
02:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
03:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
04:00	0	19	3	0	0	0	0	0	0	0	0	0	0	22
05:00	0	35	4	0	1	0	0	0	0	0	0	0	0	40
06:00	0	88	22	0	1	1	0	0	0	0	2	0	0	114
07:00	2	137	30	0	5	3	1	0	2	0	0	0	0	180
08:00	1	168	41	1	5	2	0	0	1	0	0	0	0	219
09:00	0	111	29	0	3	3	2	0	0	0	0	0	0	148
10:00	1	81	30	0	7	1	0	0	1	0	0	0	0	121
11:00	0	81	23	0	4	3	0	0	0	0	0	0	0	111
12:00 PM	0	105	24	0	2	2	0	0	0	0	0	0	0	133
13:00	1	94	27	1	3	1	0	0	0	0	0	0	0	127
14:00	1	73	11	0	2	1	1	0	0	0	0	0	0	89
15:00	0	86	22	0	7	3	1	0	0	0	0	0	0	119
16:00	0	96	19	1	4	0	0	0	0	0	0	0	0	120
17:00	1	63	15	0	2	3	0	0	0	0	0	0	0	84
18:00	0	33	9	0	1	0	0	0	0	0	0	0	0	43
19:00	0	26	7	0	1	0	0	0	0	0	0	0	0	34
20:00	1	14	1	0	1	0	0	0	0	0	0	0	0	17
21:00	0	9	1	0	0	0	0	0	0	0	0	0	0	10
22:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals	**8**	**1328**	**321**	**3**	**50**	**23**	**5**		**4**		**2**			**1744**
% of Totals	0%	76%	18%	0%	3%	1%	0%		0%		0%			100%

AM Volumes	4	725	185	1	27	13	3	0	4	0	2	0	0	964
% AM	0%	42%	11%	0%	2%	1%	0%		0%		0%			55%
AM Peak Hour	07:00	08:00	08:00	08:00	10:00	07:00	09:00		07:00		06:00			08:00
Volume	2	168	41	1	7	3	2		2		2			219
PM Volumes	4	603	136	2	23	10	2	0	0	0	0	0	0	780
% PM	0%	35%	8%	0%	1%	1%	0%							45%
PM Peak Hour	13:00	12:00	13:00	13:00	15:00	15:00	14:00							12:00
Volume	1	105	27	1	7	3	1							133

Directional Peak Periods	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	399	23%	260	15%	204	12%	881	51%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln E/O Centennial Dr

Day: Thursday
Date: 9/5/2019

City: Grass Valley
Project #: CA19_7288_010

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	4	3	0	0	0	0	0	0	0	0	0	0	7
01:00	0	3	1	0	1	0	0	0	0	0	0	0	0	5
02:00	0	4	1	0	0	0	0	0	0	0	0	0	0	5
03:00	0	3	1	0	1	0	0	0	0	0	0	0	0	5
04:00	0	20	3	0	2	0	0	0	0	0	0	0	0	25
05:00	0	40	7	0	1	0	0	0	0	0	0	0	0	48
06:00	0	107	29	0	2	1	0	0	0	0	2	0	0	141
07:00	2	160	47	0	12	4	1	0	2	0	0	0	0	228
08:00	1	211	62	2	11	2	0	0	1	0	0	0	0	290
09:00	1	167	57	0	9	5	2	0	0	0	0	0	0	241
10:00	1	146	51	0	10	3	0	0	1	0	0	0	0	212
11:00	1	176	62	0	5	3	0	0	1	0	0	0	0	248
12:00 PM	2	215	45	0	10	4	0	0	0	0	0	0	0	276
13:00	2	178	62	2	7	3	0	0	1	0	0	0	0	255
14:00	3	164	35	0	7	4	1	0	0	0	0	0	0	214
15:00	0	215	49	1	12	3	3	0	0	0	0	0	0	283
16:00	0	233	46	1	7	0	0	2	0	0	0	0	0	289
17:00	3	220	49	0	5	4	0	0	0	1	0	0	0	282
18:00	0	101	26	0	3	1	0	0	0	0	0	0	0	131
19:00	0	59	10	0	1	0	0	0	0	0	0	0	0	70
20:00	2	32	6	0	2	1	0	0	0	0	0	0	0	43
21:00	0	20	4	0	0	0	0	0	0	0	0	0	0	24
22:00	0	10	0	0	0	0	0	0	0	0	0	0	0	10
23:00	0	2	1	0	1	0	0	0	0	0	0	0	0	4
Totals	**18**	**2490**	**657**	**6**	**109**	**38**	**7**	**2**	**6**	**1**	**2**			**3336**
% of Totals	1%	75%	20%	0%	3%	1%	0%	0%	0%	0%	0%			100%

AM Volumes	6	1041	324	2	54	18	3	0	5	0	2	0	0	1455
% AM	0%	31%	10%	0%	2%	1%	0%		0%		0%			44%
AM Peak Hour	07:00	08:00	08:00	08:00	07:00	09:00	09:00		07:00		06:00			08:00
Volume	2	211	62	2	12	5	2		2		2			290
PM Volumes	12	1449	333	4	55	20	4	2	1	1	0	0	0	1881
% PM	0%	43%	10%	0%	2%	1%	0%	0%	0%	0%				56%
PM Peak Hour	14:00	16:00	13:00	13:00	15:00	12:00	15:00	16:00	13:00	17:00				16:00
Volume	3	233	62	2	12	4	3	2	1	1				289

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	518		16%	531		16%	571		17%	1716		51%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Whispering Pines Ln E/O Centennial Dr

Day: Friday
Date: 9/6/2019

City: Grass Valley
Project #: CA19_7288_010

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	1,434	1,599	3,033

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
00:00	0	0	4		0		4		**12:00**	0	0	44		30		74	
00:15	0	0	1		0		1		**12:15**	0	0	26		26		52	
00:30	0	0	1		0		1		**12:30**	0	0	38		27		65	
00:45	0	0	0	6	0			6	**12:45**	0	0	37	145	39	122	76	267
01:00	0	0	0		0				**13:00**	0	0	28		42		70	
01:15	0	0	0		0				**13:15**	0	0	35		35		70	
01:30	0	0	0		1		1		**13:30**	0	0	31		27		58	
01:45	0	0	0		2	3	2	3	**13:45**	0	0	35	129	27	131	62	260
02:00	0	0	1		2		3		**14:00**	0	0	26		28		54	
02:15	0	0	1		1		2		**14:15**	0	0	32		22		54	
02:30	0	0	0		0				**14:30**	0	0	25		27		52	
02:45	0	0	0	2	0	3		5	**14:45**	0	0	20	103	30	107	50	210
03:00	0	0	0		0				**15:00**	0	0	28		30		58	
03:15	0	0	3		0		3		**15:15**	0	0	34		34		68	
03:30	0	0	2		0		2		**15:30**	0	0	54		29		83	
03:45	0	0	0	5	3	3	3	8	**15:45**	0	0	37	153	31	124	68	277
04:00	0	0	0		3		3		**16:00**	0	0	40		35		75	
04:15	0	0	2		2		4		**16:15**	0	0	35		15		50	
04:30	0	0	1		4		5		**16:30**	0	0	37		24		61	
04:45	0	0	1	4	10	19	11	23	**16:45**	0	0	48	160	17	91	65	251
05:00	0	0	4		3		7		**17:00**	0	0	73		17		90	
05:15	0	0	0		8		8		**17:15**	0	0	34		20		54	
05:30	0	0	2		3		5		**17:30**	0	0	23		18		41	
05:45	0	0	2	8	24	38	26	46	**17:45**	0	0	32	162	12	67	44	229
06:00	0	0	3		8		11		**18:00**	0	0	27		13		40	
06:15	0	0	3		21		24		**18:15**	0	0	16		11		27	
06:30	0	0	6		29		35		**18:30**	0	0	8		6		14	
06:45	0	0	12	24	39	97	51	121	**18:45**	0	0	14	65	6	36	20	101
07:00	0	0	14		31		45		**19:00**	0	0	12		6		18	
07:15	0	0	9		28		37		**19:15**	0	0	6		10		16	
07:30	0	0	13		34		47		**19:30**	0	0	8		4		12	
07:45	0	0	14	50	62	155	76	205	**19:45**	0	0	3	29	4	24	7	53
08:00	0	0	14		50		64		**20:00**	0	0	0		2		2	
08:15	0	0	15		48		63		**20:15**	0	0	3		6		9	
08:30	0	0	18		47		65		**20:30**	0	0	6		1		7	
08:45	0	0	11	58	38	183	49	241	**20:45**	0	0	3	12	4	13	7	25
09:00	0	0	26		33		59		**21:00**	0	0	0		4		4	
09:15	0	0	19		33		52		**21:15**	0	0	2		2		4	
09:30	0	0	16		35		51		**21:30**	0	0	2		1		3	
09:45	0	0	19	80	33	134	52	214	**21:45**	0	0	0	4	4	11	4	15
10:00	0	0	29		27		56		**22:00**	0	0	0		2		2	
10:15	0	0	23		29		52		**22:15**	0	0	1		2		3	
10:30	0	0	27		23		50		**22:30**	0	0	1		1		2	
10:45	0	0	20	99	35	114	55	213	**22:45**	0	0	0	2	0	5		7
11:00	0	0	26		27		53		**23:00**	0	0	2		1		3	
11:15	0	0	38		28		66		**23:15**	0	0	1		2		3	
11:30	0	0	29		32		61		**23:30**	0	0	1		0		1	
11:45	0	0	37	130	29	116	66	246	**23:45**	0	0	0	4	0	3		7
TOTALS				466		865		**1331**	**TOTALS**				968		734		**1702**
SPLIT %				35.0%		65.0%		**43.9%**	**SPLIT %**				56.9%		43.1%		**56.1%**

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	1,434	1,599	3,033

AM Peak Hour				11:15	07:45	**07:45**		**PM Peak Hour**				16:15	12:30	**15:15**
AM Pk Volume				148	207	**268**		**PM Pk Volume**				193	143	**294**
Pk Hr Factor				0.841	0.835	**0.882**		**Pk Hr Factor**				0.661	0.851	**0.886**
7 - 9 Volume	0	0		108	338	**446**		**4 - 6 Volume**	0	0		322	158	**480**
7 - 9 Peak Hour				07:45	07:45	**07:45**		**4 - 6 Peak Hour**				16:15	16:00	**16:30**
7 - 9 Pk Volume	0	0		61	207	**268**		**4 - 6 Pk Volume**	0	0		193	91	**270**
Pk Hr Factor	0.000	0.000		0.847	0.835	**0.882**		**Pk Hr Factor**	0.000	0.000		0.661	0.650	**0.750**

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln E/O Centennial Dr

Day: Friday
Date: 9/6/2019

City: Grass Valley
Project #: CA19_7288_010e

East Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	4	2	0	0	0	0	0	0	0	0	0	0	6
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
03:00	0	3	0	0	2	0	0	0	0	0	0	0	0	5
04:00	0	3	0	0	1	0	0	0	0	0	0	0	0	4
05:00	0	5	2	0	0	1	0	0	0	0	0	0	0	8
06:00	0	14	7	0	3	0	0	0	0	0	0	0	0	24
07:00	0	26	16	0	5	3	0	0	0	0	0	0	0	50
08:00	0	32	19	1	5	1	0	0	0	0	0	0	0	58
09:00	1	53	22	0	4	0	0	0	0	0	0	0	0	80
10:00	1	72	18	0	4	3	0	1	0	0	0	0	0	99
11:00	1	89	31	0	2	4	0	0	2	0	1	0	0	130
12:00 PM	0	113	30	0	2	0	0	0	0	0	0	0	0	145
13:00	3	89	28	0	8	1	0	0	0	0	0	0	0	129
14:00	1	74	25	0	3	0	0	0	0	0	0	0	0	103
15:00	0	110	34	0	6	2	1	0	0	0	0	0	0	153
16:00	1	120	31	0	7	1	0	0	0	0	0	0	0	160
17:00	1	134	21	0	3	2	1	0	0	0	0	0	0	162
18:00	0	48	17	0	0	0	0	0	0	0	0	0	0	65
19:00	0	21	7	0	0	1	0	0	0	0	0	0	0	29
20:00	0	9	3	0	0	0	0	0	0	0	0	0	0	12
21:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
22:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
23:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
Totals	**9**	**1028**	**316**	**1**	**55**	**19**	**2**	**1**	**2**		**1**			**1434**
% of Totals	1%	72%	22%	0%	4%	1%	0%	0%	0%		0%			100%

AM Volumes	3	302	118	1	26	12	0	1	2	0	1	0	0	466
% AM	0%	21%	8%	0%	2%	1%		0%	0%		0%			32%
AM Peak Hour	09:00	11:00	11:00	08:00	07:00	11:00		10:00	11:00		11:00			11:00
Volume	1	89	31	1	5	4		1	2		1			130
PM Volumes	6	726	198	0	29	7	2	0	0	0	0	0	0	968
% PM	0%	51%	14%		2%	0%	0%							68%
PM Peak Hour	13:00	17:00	15:00		13:00	15:00	15:00							17:00
Volume	3	134	34		8	2	1							162

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	108		8%	274		19%	322		22%	730		51%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln E/O Centennial Dr

Day: Friday
Date: 9/6/2019

City: Grass Valley
Project #: CA19_7288_010w

West Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
02:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
03:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
04:00	0	18	1	0	0	0	0	0	0	0	0	0	0	19
05:00	0	33	3	0	1	1	0	0	0	0	0	0	0	38
06:00	0	75	17	1	2	2	0	0	0	0	0	0	0	97
07:00	1	112	37	1	0	2	0	1	1	0	0	0	0	155
08:00	1	148	27	0	5	2	0	0	0	0	0	0	0	183
09:00	0	108	23	0	2	1	0	0	0	0	0	0	0	134
10:00	1	82	19	1	5	5	0	1	0	0	0	0	0	114
11:00	1	83	27	0	0	3	0	1	1	0	0	0	0	116
12:00 PM	0	93	20	0	3	3	0	0	3	0	0	0	0	122
13:00	2	102	21	0	2	3	1	0	0	0	0	0	0	131
14:00	0	78	22	0	6	1	0	0	0	0	0	0	0	107
15:00	1	94	21	0	6	1	0	1	0	0	0	0	0	124
16:00	0	63	24	0	1	1	0	1	1	0	0	0	0	91
17:00	0	52	9	0	2	3	1	0	0	0	0	0	0	67
18:00	0	28	7	0	1	0	0	0	0	0	0	0	0	36
19:00	0	18	6	0	0	0	0	0	0	0	0	0	0	24
20:00	0	10	1	0	2	0	0	0	0	0	0	0	0	13
21:00	0	9	2	0	0	0	0	0	0	0	0	0	0	11
22:00	0	4	1	0	0	0	0	0	0	0	0	0	0	5
23:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
Totals	**7**	**1219**	**291**	**3**	**38**	**28**	**2**	**5**	**6**					**1599**
% of Totals	0%	76%	18%	0%	2%	2%	0%	0%	0%					100%

AM Volumes	4	666	156	3	15	16	0	3	2	0	0	0	0	865
% AM	0%	42%	10%	0%	1%	1%		0%	0%					54%
AM Peak Hour	07:00	08:00	07:00	06:00	08:00	10:00		07:00	07:00					08:00
Volume	1	148	37	1	5	5		1	1					183
PM Volumes	3	553	135	0	23	12	2	2	4	0	0	0	0	734
% PM	0%	35%	8%		1%	1%	0%	0%	0%					46%
PM Peak Hour	13:00	13:00	16:00		14:00	12:00	13:00	15:00	12:00					13:00
Volume	2	102	24		6	3	1	1	3					131

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	338		21%	253		16%	158		10%	850		53%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln E/O Centennial Dr

Day: Friday
Date: 9/6/2019

City: Grass Valley
Project #: CA19_7288_010

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	4	2	0	0	0	0	0	0	0	0	0	0	**6**
01:00	0	3	0	0	0	0	0	0	0	0	0	0	0	**3**
02:00	0	3	2	0	0	0	0	0	0	0	0	0	0	**5**
03:00	0	5	1	0	2	0	0	0	0	0	0	0	0	**8**
04:00	0	21	1	0	1	0	0	0	0	0	0	0	0	**23**
05:00	0	38	5	0	1	2	0	0	0	0	0	0	0	**46**
06:00	0	89	24	1	5	2	0	0	0	0	0	0	0	**121**
07:00	1	138	53	1	5	5	0	1	1	0	0	0	0	**205**
08:00	1	180	46	1	10	3	0	0	0	0	0	0	0	**241**
09:00	1	161	45	0	6	1	0	0	0	0	0	0	0	**214**
10:00	2	154	37	1	9	8	0	2	0	0	0	0	0	**213**
11:00	2	172	58	0	2	7	0	1	3	0	1	0	0	**246**
12:00 PM	0	206	50	0	5	3	0	0	3	0	0	0	0	**267**
13:00	5	191	49	0	10	4	1	0	0	0	0	0	0	**260**
14:00	1	152	47	0	9	1	0	0	0	0	0	0	0	**210**
15:00	1	204	55	0	12	3	1	1	0	0	0	0	0	**277**
16:00	1	183	55	0	8	2	0	1	1	0	0	0	0	**251**
17:00	1	186	30	0	5	5	2	0	0	0	0	0	0	**229**
18:00	0	76	24	0	1	0	0	0	0	0	0	0	0	**101**
19:00	0	39	13	0	0	1	0	0	0	0	0	0	0	**53**
20:00	0	19	4	0	2	0	0	0	0	0	0	0	0	**25**
21:00	0	12	3	0	0	0	0	0	0	0	0	0	0	**15**
22:00	0	5	2	0	0	0	0	0	0	0	0	0	0	**7**
23:00	0	6	1	0	0	0	0	0	0	0	0	0	0	**7**
Totals	**16**	**2247**	**607**	**4**	**93**	**47**	**4**	**6**	**8**		**1**			**3033**
% of Totals	1%	74%	20%	0%	3%	2%	0%	0%	0%		0%			100%

AM Volumes	7	968	274	4	41	28	0	4	4	0	1	0	0	1331
% AM	0%	32%	9%	0%	1%	1%		0%	0%		0%			44%
AM Peak Hour	10:00	08:00	11:00	06:00	08:00	10:00		10:00	11:00		11:00			11:00
Volume	2	180	58	1	10	8		2	3		1			246
PM Volumes	9	1279	333	0	52	19	4	2	4	0	0	0	0	1702
% PM	0%	42%	11%		2%	1%	0%	0%	0%					56%
PM Peak Hour	13:00	12:00	15:00		15:00	17:00	17:00	15:00	12:00					15:00
Volume	5	206	55		12	5	2	1	3					277

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	446		15%	527		17%	480		16%	1580		52%

Classification Definitions

1	Motorcycles	**4**	Buses	**7**	> =4-Axle Single Units	**10**	>=6-Axle Single Trailers	**13**	>=7-Axle Multi-Trailers
2	Passenger Cars	**5**	2-Axle, 6-Tire Single Units	**8**	<=4-Axle Single Trailers	**11**	<=5-Axle Multi-Trailers		
3	2-Axle, 4-Tire Single Units	**6**	3-Axle Single Units	**9**	5-Axle Single Trailers	**12**	6-Axle Multi-Trailers		

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Whispering Pines Ln E/O Centennial Dr

Day: Saturday
Date: 9/7/2019

City: Grass Valley
Project #: CA19_7288_010

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	529	614	1,143

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
00:00	0	0	3		0		3		**12:00**	0	0	19		14		33	
00:15	0	0	0		1		1		**12:15**	0	0	12		22		34	
00:30	0	0	1		1		2		**12:30**	0	0	12		18		30	
00:45	0	0	0	4	0	2		6	**12:45**	0	0	12	55	10	64	22	119
01:00	0	0	1		1		2		**13:00**	0	0	13		10		23	
01:15	0	0	1		1		2		**13:15**	0	0	11		11		22	
01:30	0	0	0		0				**13:30**	0	0	14		17		31	
01:45	0	0	0	2	0	2		4	**13:45**	0	0	17	55	18	56	35	111
02:00	0	0	0		1		1		**14:00**	0	0	5		13		18	
02:15	0	0	0		0				**14:15**	0	0	20		14		34	
02:30	0	0	0		0				**14:30**	0	0	14		13		27	
02:45	0	0	0		0	1		1	**14:45**	0	0	10	49	9	49	19	98
03:00	0	0	1		1		2		**15:00**	0	0	13		13		26	
03:15	0	0	1		0		1		**15:15**	0	0	10		14		24	
03:30	0	0	0		0				**15:30**	0	0	10		8		18	
03:45	0	0	0	2	0	1		3	**15:45**	0	0	16	49	12	47	28	96
04:00	0	0	0		1		1		**16:00**	0	0	5		10		15	
04:15	0	0	1		1		2		**16:15**	0	0	13		8		21	
04:30	0	0	1		0		1		**16:30**	0	0	14		5		19	
04:45	0	0	0	2	3	5	3	7	**16:45**	0	0	3	35	11	34	14	69
05:00	0	0	1		1		2		**17:00**	0	0	7		8		15	
05:15	0	0	2		3		5		**17:15**	0	0	6		10		16	
05:30	0	0	2		4		6		**17:30**	0	0	14		6		20	
05:45	0	0	1	6	7	15	8	21	**17:45**	0	0	5	32	6	30	11	62
06:00	0	0	0		1		1		**18:00**	0	0	4		2		6	
06:15	0	0	0		5		5		**18:15**	0	0	6		5		11	
06:30	0	0	2		4		6		**18:30**	0	0	2		7		9	
06:45	0	0	3	5	7	17	10	22	**18:45**	0	0	5	17	7	21	12	38
07:00	0	0	3		3		6		**19:00**	0	0	5		4		9	
07:15	0	0	1		6		7		**19:15**	0	0	1		2		3	
07:30	0	0	5		13		18		**19:30**	0	0	4		4		8	
07:45	0	0	3	12	14	36	17	48	**19:45**	0	0	2	12	1	11	3	23
08:00	0	0	6		11		17		**20:00**	0	0	2		1		3	
08:15	0	0	5		11		16		**20:15**	0	0	1		3		4	
08:30	0	0	1		9		10		**20:30**	0	0	6		3		9	
08:45	0	0	8	20	17	48	25	68	**20:45**	0	0	0	9	3	10	3	19
09:00	0	0	12		16		28		**21:00**	0	0	3		0		3	
09:15	0	0	6		13		19		**21:15**	0	0	1		3		4	
09:30	0	0	8		10		18		**21:30**	0	0	0		1		1	
09:45	0	0	7	33	27	66	34	99	**21:45**	0	0	1	5	0	4	1	9
10:00	0	0	14		20		34		**22:00**	0	0	1		3		4	
10:15	0	0	23		10		33		**22:15**	0	0	0		2		2	
10:30	0	0	12		6		18		**22:30**	0	0	3		0		3	
10:45	0	0	12	61	14	50	26	111	**22:45**	0	0	0	4	0	5		9
11:00	0	0	18		9		27		**23:00**	0	0	0		1		1	
11:15	0	0	13		12		25		**23:15**	0	0	0		0			
11:30	0	0	14		8		22		**23:30**	0	0	1		0		1	
11:45	0	0	14	59	9	38	23	97	**23:45**	0	0	0	1	1	2	1	3
TOTALS				206		281		**487**	**TOTALS**				323		333		**656**
SPLIT %				42.3%		57.7%		**42.6%**	**SPLIT %**				49.2%		50.8%		**57.4%**

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	529	614	1,143

AM Peak Hour				10:15		09:15		**11:45**	**PM Peak Hour**				14:15		12:00		**12:00**
AM Pk Volume				65		70		**120**	**PM Pk Volume**				57		64		**119**
Pk Hr Factor				0.707		0.648		**0.882**	**Pk Hr Factor**				0.713		0.727		**0.875**
7 - 9 Volume	0	0		32		84		**116**	**4 - 6 Volume**	0	0		67		64		**131**
7 - 9 Peak Hour				08:00		07:30		**07:30**	**4 - 6 Peak Hour**				16:15		16:45		**16:00**
7 - 9 Pk Volume	0	0		20		49		**68**	**4 - 6 Pk Volume**	0	0		37		35		**69**
Pk Hr Factor	0.000	0.000		0.625		0.875		**0.944**	**Pk Hr Factor**	0.000	0.000		0.661		0.795		**0.821**

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln E/O Centennial Dr

Day: Saturday
Date: 9/7/2019

City: Grass Valley
Project #: CA19_7288_010e

East Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	2	2	0	0	0	0	0	0	0	0	0	0	4
01:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	0	0	1	0	0	0	0	0	0	0	0	2
04:00	0	1	0	0	1	0	0	0	0	0	0	0	0	2
05:00	0	2	3	0	1	0	0	0	0	0	0	0	0	6
06:00	0	5	0	0	0	0	0	0	0	0	0	0	0	5
07:00	0	6	3	1	2	0	0	0	0	0	0	0	0	12
08:00	0	13	7	0	0	0	0	0	0	0	0	0	0	20
09:00	0	23	7	0	2	1	0	0	0	0	0	0	0	33
10:00	0	50	9	0	1	0	0	1	0	0	0	0	0	61
11:00	1	44	14	0	0	0	0	0	0	0	0	0	0	59
12:00 PM	0	34	18	0	3	0	0	0	0	0	0	0	0	55
13:00	1	41	10	0	3	0	0	0	0	0	0	0	0	55
14:00	0	36	10	0	3	0	0	0	0	0	0	0	0	49
15:00	0	42	7	0	0	0	0	0	0	0	0	0	0	49
16:00	1	25	6	0	2	0	0	1	0	0	0	0	0	35
17:00	1	25	5	0	0	0	0	1	0	0	0	0	0	32
18:00	0	14	3	0	0	0	0	0	0	0	0	0	0	17
19:00	0	10	1	0	1	0	0	0	0	0	0	0	0	12
20:00	0	8	1	0	0	0	0	0	0	0	0	0	0	9
21:00	0	4	1	0	0	0	0	0	0	0	0	0	0	5
22:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Totals	**4**	**392**	**108**	**1**	**20**	**1**		**3**						**529**
% of Totals	1%	74%	20%	0%	4%	0%		1%						100%

AM Volumes	1	148	46	1	8	1	0	1	0	0	0	0	0	206
% AM	0%	28%	9%	0%	2%	0%		0%						39%
AM Peak Hour	11:00	10:00	11:00	07:00	07:00	09:00		10:00						10:00
Volume	1	50	14	1	2	1		1						61
PM Volumes	3	244	62	0	12	0	0	2	0	0	0	0	0	323
% PM	1%	46%	12%		2%			0%						61%
PM Peak Hour	13:00	15:00	12:00		12:00			16:00						12:00
Volume	1	42	18		3			1						55

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	32		6%	110		21%	67		13%	320		60%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln E/O Centennial Dr

Day: Saturday
Date: 9/7/2019

City: Grass Valley
Project #: CA19_7288_010w

West Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	2	0	0	0	0	0	0	0	0	0	0	0	2
01:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
04:00	0	4	0	0	1	0	0	0	0	0	0	0	0	5
05:00	0	9	4	0	2	0	0	0	0	0	0	0	0	15
06:00	0	15	1	0	0	1	0	0	0	0	0	0	0	17
07:00	0	26	10	0	0	0	0	0	0	0	0	0	0	36
08:00	1	34	10	0	1	2	0	0	0	0	0	0	0	48
09:00	1	50	11	0	4	0	0	0	0	0	0	0	0	66
10:00	1	39	7	0	3	0	0	0	0	0	0	0	0	50
11:00	0	29	9	0	0	0	0	0	0	0	0	0	0	38
12:00 PM	0	52	9	0	3	0	0	0	0	0	0	0	0	64
13:00	1	46	8	0	1	0	0	0	0	0	0	0	0	56
14:00	0	37	12	0	0	0	0	0	0	0	0	0	0	49
15:00	0	38	8	0	1	0	0	0	0	0	0	0	0	47
16:00	0	29	4	0	0	0	0	0	1	0	0	0	0	34
17:00	0	23	6	0	0	0	1	0	0	0	0	0	0	30
18:00	0	20	1	0	0	0	0	0	0	0	0	0	0	21
19:00	0	10	1	0	0	0	0	0	0	0	0	0	0	11
20:00	0	10	0	0	0	0	0	0	0	0	0	0	0	10
21:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
22:00	0	4	1	0	0	0	0	0	0	0	0	0	0	5
23:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
Totals	**4**	**484**	**105**		**16**	**3**	**1**		**1**					**614**
% of Totals	1%	79%	17%		3%	0%	0%		0%					100%

AM Volumes	3	210	54	0	11	3	0	0	0	0	0	0	0	281
% AM	0%	34%	9%		2%	0%								46%
AM Peak Hour	08:00	09:00	09:00		09:00	08:00								09:00
Volume	1	50	11		4	2								66
PM Volumes	1	274	51	0	5	0	1	0	1	0	0	0	0	333
% PM	0%	45%	8%		1%		0%		0%					54%
PM Peak Hour	13:00	12:00	14:00		12:00		17:00		16:00					12:00
Volume	1	52	12		3		1		1					64

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	84		14%	120		20%	64		10%	346		56%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln E/O Centennial Dr

Day: Saturday
Date: 9/7/2019

City: Grass Valley
Project #: CA19_7288_010

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	4	2	0	0	0	0	0	0	0	0	0	0	6
01:00	0	2	2	0	0	0	0	0	0	0	0	0	0	4
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	1	1	0	1	0	0	0	0	0	0	0	0	3
04:00	0	5	0	0	2	0	0	0	0	0	0	0	0	7
05:00	0	11	7	0	3	0	0	0	0	0	0	0	0	21
06:00	0	20	1	0	0	1	0	0	0	0	0	0	0	22
07:00	0	32	13	1	2	0	0	0	0	0	0	0	0	48
08:00	1	47	17	0	1	2	0	0	0	0	0	0	0	68
09:00	1	73	18	0	6	1	0	0	0	0	0	0	0	99
10:00	1	89	16	0	4	0	0	1	0	0	0	0	0	111
11:00	1	73	23	0	0	0	0	0	0	0	0	0	0	97
12:00 PM	0	86	27	0	6	0	0	0	0	0	0	0	0	119
13:00	2	87	18	0	4	0	0	0	0	0	0	0	0	111
14:00	0	73	22	0	3	0	0	0	0	0	0	0	0	98
15:00	0	80	15	0	1	0	0	0	0	0	0	0	0	96
16:00	1	54	10	0	2	0	0	1	1	0	0	0	0	69
17:00	1	48	11	0	0	0	1	1	0	0	0	0	0	62
18:00	0	34	4	0	0	0	0	0	0	0	0	0	0	38
19:00	0	20	2	0	1	0	0	0	0	0	0	0	0	23
20:00	0	18	1	0	0	0	0	0	0	0	0	0	0	19
21:00	0	8	1	0	0	0	0	0	0	0	0	0	0	9
22:00	0	8	1	0	0	0	0	0	0	0	0	0	0	9
23:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
Totals	**8**	**876**	**213**	**1**	**36**	**4**	**1**	**3**	**1**					**1143**
% of Totals	1%	77%	19%	0%	3%	0%	0%	0%	0%					100%

AM Volumes	4	358	100	1	19	4	0	1	0	0	0	0	0	487
% AM	0%	31%	9%	0%	2%	0%		0%						43%
AM Peak Hour	08:00	10:00	11:00	07:00	09:00	08:00		10:00						10:00
Volume	1	89	23	1	6	2		1						111
PM Volumes	4	518	113	0	17	0	1	2	1	0	0	0	0	656
% PM	0%	45%	10%		1%		0%	0%	0%					57%
PM Peak Hour	13:00	13:00	12:00		12:00		17:00	16:00	16:00					12:00
Volume	2	87	27		6		1	1	1					119

Directional Peak Periods All Classes	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
	Volume	%	Volume	%	Volume	%	Volume	%
	116	10%	230	20%	131	11%	666	58%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Whispering Pines Ln E/O Centennial Dr

Day: Sunday
Date: 9/8/2019

City: Grass Valley
Project #: CA19_7288_010

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	312	362	674

AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00	0	0	0	0		12:00	0	0	11	7	18
00:15	0	0	0	1	1	12:15	0	0	8	8	16
00:30	0	0	0	0		12:30	0	0	11	7	18
00:45	0	0	0	0	1	12:45	0	0	7	9	16
01:00	0	0	0	0		13:00	0	0	12	11	23
01:15	0	0	0	0		13:15	0	0	4	5	9
01:30	0	0	0	0		13:30	0	0	3	9	12
01:45	0	0	0	1	1	13:45	0	0	7	6	13
02:00	0	0	0	1	1	14:00	0	0	11	4	15
02:15	0	0	0	0		14:15	0	0	3	8	11
02:30	0	0	0	0		14:30	0	0	7	4	11
02:45	0	0	0	1	2	14:45	0	0	6	6	12
03:00	0	0	1	1	2	15:00	0	0	9	9	18
03:15	0	0	1	0	1	15:15	0	0	10	7	17
03:30	0	0	0	0		15:30	0	0	6	5	11
03:45	0	0	0	0	1	15:45	0	0	8	3	11
04:00	0	0	0	0		16:00	0	0	2	9	11
04:15	0	0	0	0		16:15	0	0	6	6	12
04:30	0	0	0	0		16:30	0	0	2	6	8
04:45	0	0	0	0		16:45	0	0	5	9	14
05:00	0	0	0	0		17:00	0	0	5	6	11
05:15	0	0	0	0		17:15	0	0	7	3	10
05:30	0	0	1	0	1	17:30	0	0	4	8	12
05:45	0	0	0	1	1	17:45	0	0	1	1	2
06:00	0	0	0	2	2	18:00	0	0	3	8	11
06:15	0	0	0	0		18:15	0	0	6	3	9
06:30	0	0	0	1	1	18:30	0	0	8	3	11
06:45	0	0	0	0	3	18:45	0	0	3	7	10
07:00	0	0	1	1	2	19:00	0	0	5	6	11
07:15	0	0	3	2	5	19:15	0	0	2	4	6
07:30	0	0	1	2	3	19:30	0	0	3	4	7
07:45	0	0	2	7	1	6	3	13	19:45	0	0	1	11	8	22	9	33
08:00	0	0	4	4	8	20:00	0	0	5	4	9
08:15	0	0	4	5	9	20:15	0	0	3	4	7
08:30	0	0	3	1	4	20:30	0	0	3	0	3
08:45	0	0	4	15	5	15	9	30	20:45	0	0	4	15	2	10	6	25
09:00	0	0	2	7	9	21:00	0	0	2	2	4
09:15	0	0	4	7	11	21:15	0	0	3	1	4
09:30	0	0	3	9	12	21:30	0	0	1	0	1
09:45	0	0	4	13	23	46	27	59	21:45	0	0	0	6	1	4	1	10
10:00	0	0	11	20	31	22:00	0	0	1	2	3
10:15	0	0	3	11	14	22:15	0	0	1	0	1
10:30	0	0	3	10	13	22:30	0	0	2	0	2
10:45	0	0	1	18	4	45	5	63	22:45	0	0	0	4	0	2		6
11:00	0	0	12	7	19	23:00	0	0	1	0	1
11:15	0	0	6	8	14	23:15	0	0	0	0	
11:30	0	0	11	8	19	23:30	0	0	0	0	
11:45	0	0	15	44	3	26	18	70	23:45	0	0	0	1	0		1
TOTALS				100	147	247	TOTALS				212	215	427
SPLIT %				40.5%	59.5%	36.6%	SPLIT %				49.6%	50.4%	63.4%

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	312	362	674

AM Peak Hour			11:30	09:45	09:45	PM Peak Hour			12:15	12:15	12:15
AM Pk Volume			45	64	85	PM Pk Volume			38	35	73
Pk Hr Factor			0.750	0.696	0.685	Pk Hr Factor			0.792	0.795	0.793
7 - 9 Volume	0	0	22	21	43	4 - 6 Volume	0	0	32	48	80
7 - 9 Peak Hour			08:00	08:00	08:00	4 - 6 Peak Hour			16:45	16:00	16:45
7 - 9 Pk Volume	0	0	15	15	30	4 - 6 Pk Volume	0	0	21	30	47
Pk Hr Factor	0.000	0.000	0.938	0.750	0.833	Pk Hr Factor	0.000	0.000	0.750	0.833	0.839

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln E/O Centennial Dr

Day: Sunday
Date: 9/8/2019

City: Grass Valley
Project #: CA19_7288_010e

East Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	0	0	1	0	0	0	0	0	0	0	0	2
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	6	1	0	0	0	0	0	0	0	0	0	0	7
08:00	1	10	3	1	0	0	0	0	0	0	0	0	0	15
09:00	0	7	4	0	2	0	0	0	0	0	0	0	0	13
10:00	0	10	8	0	0	0	0	0	0	0	0	0	0	18
11:00	1	34	9	0	0	0	0	0	0	0	0	0	0	44
12:00 PM	1	28	8	0	0	0	0	0	0	0	0	0	0	37
13:00	0	21	4	0	1	0	0	0	0	0	0	0	0	26
14:00	1	21	5	0	0	0	0	0	0	0	0	0	0	27
15:00	2	21	9	0	0	0	0	1	0	0	0	0	0	33
16:00	0	14	1	0	0	0	0	0	0	0	0	0	0	15
17:00	0	15	2	0	0	0	0	0	0	0	0	0	0	17
18:00	0	15	5	0	0	0	0	0	0	0	0	0	0	20
19:00	0	9	2	0	0	0	0	0	0	0	0	0	0	11
20:00	0	12	2	0	1	0	0	0	0	0	0	0	0	15
21:00	0	5	1	0	0	0	0	0	0	0	0	0	0	6
22:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Totals	**6**	**233**	**66**	**1**	**5**			**1**						**312**
% of Totals	2%	75%	21%	0%	2%			0%						100%

AM Volumes	2	68	26	1	3	0	0	0	0	0	0	0	0	100
% AM	1%	22%	8%	0%	1%									32%
AM Peak Hour	08:00	11:00	11:00	08:00	09:00									11:00
Volume	1	34	9	1	2									44
PM Volumes	4	165	40	0	2	0	0	1	0	0	0	0	0	212
% PM	1%	53%	13%		1%			0%						68%
PM Peak Hour	15:00	12:00	15:00		13:00			15:00						12:00
Volume	2	28	9		1			1						37

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	22		7%	63		20%	32		10%	195		63%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln E/O Centennial Dr

Day: Sunday
Date: 9/8/2019

City: Grass Valley
Project #: CA19_7288_010w

West Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
06:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
07:00	0	5	0	1	0	0	0	0	0	0	0	0	0	6
08:00	0	12	2	1	0	0	0	0	0	0	0	0	0	15
09:00	1	39	6	0	0	0	0	0	0	0	0	0	0	46
10:00	0	40	3	0	2	0	0	0	0	0	0	0	0	45
11:00	1	18	6	0	0	0	1	0	0	0	0	0	0	26
12:00 PM	1	23	6	1	0	0	0	0	0	0	0	0	0	31
13:00	0	25	6	0	0	0	0	0	0	0	0	0	0	31
14:00	0	15	6	0	1	0	0	0	0	0	0	0	0	22
15:00	0	17	7	0	0	0	0	0	0	0	0	0	0	24
16:00	1	23	6	0	0	0	0	0	0	0	0	0	0	30
17:00	0	17	1	0	0	0	0	0	0	0	0	0	0	18
18:00	0	15	6	0	0	0	0	0	0	0	0	0	0	21
19:00	0	18	4	0	0	0	0	0	0	0	0	0	0	22
20:00	0	9	1	0	0	0	0	0	0	0	0	0	0	10
21:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
22:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals	**4**	**291**	**60**	**3**	**3**		**1**							**362**
% of Totals	1%	80%	17%	1%	1%		0%							100%

AM Volumes	2	123	17	2	2	0	1	0	0	0	0	0	0	147
% AM	1%	34%	5%	1%	1%		0%							41%
AM Peak Hour	09:00	10:00	09:00	07:00	10:00		11:00							09:00
Volume	1	40	6	1	2		1							46
PM Volumes	2	168	43	1	1	0	0	0	0	0	0	0	0	215
% PM	1%	46%	12%	0%	0%									59%
PM Peak Hour	12:00	13:00	15:00	12:00	14:00									12:00
Volume	1	25	7	1	1									31

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	21		6%	62		17%	48		13%	231		64%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
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13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln E/O Centennial Dr

Day: Sunday
Date: 9/8/2019

City: Grass Valley
Project #: CA19_7288_010

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03:00	0	2	0	0	1	0	0	0	0	0	0	0	0	3
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
06:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
07:00	0	11	1	1	0	0	0	0	0	0	0	0	0	13
08:00	1	22	5	2	0	0	0	0	0	0	0	0	0	30
09:00	1	46	10	0	2	0	0	0	0	0	0	0	0	59
10:00	0	50	11	0	2	0	0	0	0	0	0	0	0	63
11:00	2	52	15	0	0	0	1	0	0	0	0	0	0	70
12:00 PM	2	51	14	1	0	0	0	0	0	0	0	0	0	68
13:00	0	46	10	0	1	0	0	0	0	0	0	0	0	57
14:00	1	36	11	0	1	0	0	0	0	0	0	0	0	49
15:00	2	38	16	0	0	0	0	1	0	0	0	0	0	57
16:00	1	37	7	0	0	0	0	0	0	0	0	0	0	45
17:00	0	32	3	0	0	0	0	0	0	0	0	0	0	35
18:00	0	30	11	0	0	0	0	0	0	0	0	0	0	41
19:00	0	27	6	0	0	0	0	0	0	0	0	0	0	33
20:00	0	21	3	0	1	0	0	0	0	0	0	0	0	25
21:00	0	9	1	0	0	0	0	0	0	0	0	0	0	10
22:00	0	5	1	0	0	0	0	0	0	0	0	0	0	6
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Totals	**10**	**524**	**126**	**4**	**8**		**1**	**1**						**674**
% of Totals	1%	78%	19%	1%	1%		0%	0%						100%

AM Volumes	4	191	43	3	5	0	1	0	0	0	0	0	0	247
% AM	1%	28%	6%	0%	1%		0%							37%
AM Peak Hour	11:00	11:00	11:00	08:00	09:00		11:00							11:00
Volume	2	52	15	2	2		1							70
PM Volumes	6	333	83	1	3	0	0	1	0	0	0	0	0	427
% PM	1%	49%	12%	0%	0%			0%						63%
PM Peak Hour	12:00	12:00	15:00	12:00	13:00			15:00						12:00
Volume	2	51	16	1	1			1						68

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	43		6%	125		19%	80		12%	426		63%

Classification Definitions

1	Motorcycles	**4**	Buses	**7**	> =4-Axle Single Units	**10**	>=6-Axle Single Trailers	**13**	>=7-Axle Multi-Trailers
2	Passenger Cars	**5**	2-Axle, 6-Tire Single Units	**8**	<=4-Axle Single Trailers	**11**	<=5-Axle Multi-Trailers		
3	2-Axle, 4-Tire Single Units	**6**	3-Axle Single Units	**9**	5-Axle Single Trailers	**12**	6-Axle Multi-Trailers		

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Whispering Pines Ln E/O Centennial Dr

Day: Monday
Date: 9/9/2019

City: Grass Valley
Project #: CA19_7288_010

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	1,606	1,748	3,354

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
00:00	0	0	1		0		1		**12:00**	0	0	55		27		82	
00:15	0	0	0		0				**12:15**	0	0	36		38		74	
00:30	0	0	0		0				**12:30**	0	0	40		30		70	
00:45	0	0	0	1	0			1	**12:45**	0	0	26	157	40	135	66	292
01:00	0	0	0		0				**13:00**	0	0	38		39		77	
01:15	0	0	1		0		1		**13:15**	0	0	19		32		51	
01:30	0	0	0		2		2		**13:30**	0	0	19		32		51	
01:45	0	0	1	2	1	3	2	5	**13:45**	0	0	31	107	23	126	54	233
02:00	0	0	0		0				**14:00**	0	0	26		17		43	
02:15	0	0	0		0				**14:15**	0	0	23		25		48	
02:30	0	0	0		0				**14:30**	0	0	29		23		52	
02:45	0	0	0		1	1	1	1	**14:45**	0	0	28	106	37	102	65	208
03:00	0	0	1		0		1		**15:00**	0	0	34		33		67	
03:15	0	0	1		1		2		**15:15**	0	0	31		32		63	
03:30	0	0	1		0		1		**15:30**	0	0	51		40		91	
03:45	0	0	0	3	3	4	3	7	**15:45**	0	0	54	170	41	146	95	316
04:00	0	0	1		1		2		**16:00**	0	0	40		35		75	
04:15	0	0	2		5		7		**16:15**	0	0	51		25		76	
04:30	0	0	0		3		3		**16:30**	0	0	67		27		94	
04:45	0	0	0	3	9	18	9	21	**16:45**	0	0	39	197	25	112	64	309
05:00	0	0	2		5		7		**17:00**	0	0	93		31		124	
05:15	0	0	3		6		9		**17:15**	0	0	52		16		68	
05:30	0	0	1		7		8		**17:30**	0	0	27		18		45	
05:45	0	0	4	10	22	40	26	50	**17:45**	0	0	24	196	17	82	41	278
06:00	0	0	7		10		17		**18:00**	0	0	29		7		36	
06:15	0	0	5		15		20		**18:15**	0	0	15		9		24	
06:30	0	0	5		28		33		**18:30**	0	0	11		17		28	
06:45	0	0	11	28	56	109	67	137	**18:45**	0	0	22	77	27	60	49	137
07:00	0	0	15		31		46		**19:00**	0	0	7		5		12	
07:15	0	0	5		36		41		**19:15**	0	0	6		7		13	
07:30	0	0	7		47		54		**19:30**	0	0	4		3		7	
07:45	0	0	10	37	86	200	96	237	**19:45**	0	0	11	28	2	17	13	45
08:00	0	0	15		47		62		**20:00**	0	0	13		6		19	
08:15	0	0	16		59		75		**20:15**	0	0	9		4		13	
08:30	0	0	24		48		72		**20:30**	0	0	21		4		25	
08:45	0	0	22	77	44	198	66	275	**20:45**	0	0	6	49	1	15	7	64
09:00	0	0	21		36		57		**21:00**	0	0	2		2		4	
09:15	0	0	21		30		51		**21:15**	0	0	4		4		8	
09:30	0	0	21		25		46		**21:30**	0	0	1		3		4	
09:45	0	0	28	91	30	121	58	212	**21:45**	0	0	1	8	0	9	1	17
10:00	0	0	31		31		62		**22:00**	0	0	3		2		5	
10:15	0	0	31		26		57		**22:15**	0	0	2		0		2	
10:30	0	0	33		30		63		**22:30**	0	0	0		0			
10:45	0	0	30	125	27	114	57	239	**22:45**	0	0	1	6	0	2	1	8
11:00	0	0	25		29		54		**23:00**	0	0	0		0			
11:15	0	0	25		29		54		**23:15**	0	0	0		0			
11:30	0	0	37		29		66		**23:30**	0	0	0		0			
11:45	0	0	41	128	46	133	87	261	**23:45**	0	0	0		1	1	1	1
TOTALS				505		941		**1446**	**TOTALS**				1101		807		**1908**
SPLIT %				34.9%		65.1%		**43.1%**	**SPLIT %**				57.7%		42.3%		**56.9%**

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	1,606	1,748	3,354

AM Peak Hour				11:45		07:45		**11:45**	**PM Peak Hour**				16:30		15:15		**16:15**
AM Pk Volume				172		240		**313**	**PM Pk Volume**				251		148		**358**
Pk Hr Factor				0.782		0.698		**0.899**	**Pk Hr Factor**				0.675		0.902		**0.722**
7 - 9 Volume	0	0		114		398		**512**	**4 - 6 Volume**	0	0		393		194		**587**
7 - 9 Peak Hour				08:00		07:45		**07:45**	**4 - 6 Peak Hour**				16:30		16:00		**16:15**
7 - 9 Pk Volume	0	0		77		240		**305**	**4 - 6 Pk Volume**	0	0		251		112		**358**
Pk Hr Factor	0.000	0.000		0.802		0.698		**0.794**	**Pk Hr Factor**	0.000	0.000		0.675		0.800		**0.722**

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln E/O Centennial Dr

Day: Monday
Date: 9/9/2019

City: Grass Valley
Project #: CA19_7288_010e

East Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	0	1	0	0	0	0	0	0	0	0	0	0	1
01:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
04:00	0	1	1	0	1	0	0	0	0	0	0	0	0	3
05:00	0	5	3	0	1	1	0	0	0	0	0	0	0	10
06:00	0	14	10	0	4	0	0	0	0	0	0	0	0	28
07:00	0	24	8	1	4	0	0	0	0	0	0	0	0	37
08:00	0	49	22	0	6	0	0	0	0	0	0	0	0	77
09:00	1	58	27	0	5	0	0	0	0	0	0	0	0	91
10:00	1	79	38	0	5	2	0	0	0	0	0	0	0	125
11:00	1	82	40	0	4	1	0	0	0	0	0	0	0	128
12:00 PM	2	111	34	1	9	0	0	0	0	0	0	0	0	157
13:00	0	73	26	2	5	1	0	0	0	0	0	0	0	107
14:00	0	81	22	0	0	2	0	0	1	0	0	0	0	106
15:00	1	130	29	0	8	2	0	0	0	0	0	0	0	170
16:00	0	150	41	0	6	0	0	0	0	0	0	0	0	197
17:00	1	152	37	1	3	2	0	0	0	0	0	0	0	196
18:00	1	60	16	0	0	0	0	0	0	0	0	0	0	77
19:00	0	23	4	0	1	0	0	0	0	0	0	0	0	28
20:00	0	38	11	0	0	0	0	0	0	0	0	0	0	49
21:00	0	5	3	0	0	0	0	0	0	0	0	0	0	8
22:00	0	4	2	0	0	0	0	0	0	0	0	0	0	6
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals	**8**	**1144**	**375**	**5**	**62**	**11**			**1**					**1606**
% of Totals	0%	71%	23%	0%	4%	1%			0%					100%

AM Volumes	3	317	150	1	30	4	0	0	0	0	0	0	0	505
% AM	0%	20%	9%	0%	2%	0%								31%
AM Peak Hour	09:00	11:00	11:00	07:00	08:00	10:00								11:00
Volume	1	82	40	1	6	2								128
PM Volumes	5	827	225	4	32	7	0	0	1	0	0	0	0	1101
% PM	0%	51%	14%	0%	2%	0%			0%					69%
PM Peak Hour	12:00	17:00	16:00	13:00	12:00	14:00			14:00					16:00
Volume	2	152	41	2	9	2			1					197

Directional Peak Periods All Classes	AM 7-9 Volume	AM 7-9 %	NOON 12-2 Volume	NOON 12-2 %	PM 4-6 Volume	PM 4-6 %	Off Peak Volumes Volume	Off Peak Volumes %
	114	7%	264	16%	393	24%	835	52%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln E/O Centennial Dr

Day: Monday
Date: 9/9/2019

City: Grass Valley
Project #: CA19_7288_010w

West Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**
01:00	0	2	1	0	0	0	0	0	0	0	0	0	0	**3**
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**
03:00	0	2	2	0	0	0	0	0	0	0	0	0	0	**4**
04:00	0	17	1	0	0	0	0	0	0	0	0	0	0	**18**
05:00	0	31	6	0	2	1	0	0	0	0	0	0	0	**40**
06:00	1	73	29	0	2	1	0	0	3	0	0	0	0	**109**
07:00	1	161	32	0	5	1	0	0	0	0	0	0	0	**200**
08:00	0	154	38	0	5	0	0	0	1	0	0	0	0	**198**
09:00	1	94	23	0	2	1	0	0	0	0	0	0	0	**121**
10:00	2	77	23	0	8	3	0	0	1	0	0	0	0	**114**
11:00	0	91	33	2	4	3	0	0	0	0	0	0	0	**133**
12:00 PM	3	102	24	0	3	1	2	0	0	0	0	0	0	**135**
13:00	0	95	19	1	8	2	0	1	0	0	0	0	0	**126**
14:00	0	72	22	0	2	3	2	0	1	0	0	0	0	**102**
15:00	0	108	28	1	3	5	1	0	0	0	0	0	0	**146**
16:00	0	83	26	1	0	2	0	0	0	0	0	0	0	**112**
17:00	0	50	27	0	3	2	0	0	0	0	0	0	0	**82**
18:00	1	50	7	0	1	1	0	0	0	0	0	0	0	**60**
19:00	0	14	2	0	1	0	0	0	0	0	0	0	0	**17**
20:00	0	13	2	0	0	0	0	0	0	0	0	0	0	**15**
21:00	0	6	3	0	0	0	0	0	0	0	0	0	0	**9**
22:00	0	2	0	0	0	0	0	0	0	0	0	0	0	**2**
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	**1**
Totals	**9**	**1299**	**348**	**5**	**49**	**26**	**5**	**1**	**6**					**1748**
% of Totals	1%	74%	20%	0%	3%	1%	0%	0%	0%					100%

AM Volumes	5	703	188	2	28	10	0	0	5	0	0	0	0	941
% AM	0%	40%	11%	0%	2%	1%			0%					54%
AM Peak Hour	10:00	07:00	08:00	11:00	10:00	10:00			06:00					07:00
Volume	2	161	38	2	8	3			3					200
PM Volumes	4	596	160	3	21	16	5	1	1	0	0	0	0	807
% PM	0%	34%	9%	0%	1%	1%	0%	0%	0%					46%
PM Peak Hour	12:00	15:00	15:00	13:00	13:00	15:00	12:00	13:00	14:00					15:00
Volume	3	108	28	1	8	5	2	1	1					146

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	398		23%	261		15%	194		11%	895		51%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln E/O Centennial Dr

Day: Monday
Date: 9/9/2019

City: Grass Valley
Project #: CA19_7288_010

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	0	1	0	0	0	0	0	0	0	0	0	0	1
01:00	0	4	1	0	0	0	0	0	0	0	0	0	0	5
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	5	2	0	0	0	0	0	0	0	0	0	0	7
04:00	0	18	2	0	1	0	0	0	0	0	0	0	0	21
05:00	0	36	9	0	3	2	0	0	0	0	0	0	0	50
06:00	1	87	39	0	6	1	0	0	3	0	0	0	0	137
07:00	1	185	40	1	9	1	0	0	0	0	0	0	0	237
08:00	0	203	60	0	11	0	0	0	1	0	0	0	0	275
09:00	2	152	50	0	7	1	0	0	0	0	0	0	0	212
10:00	3	156	61	0	13	5	0	0	1	0	0	0	0	239
11:00	1	173	73	2	8	4	0	0	0	0	0	0	0	261
12:00 PM	5	213	58	1	12	1	2	0	0	0	0	0	0	292
13:00	0	168	45	3	13	3	0	1	0	0	0	0	0	233
14:00	0	153	44	0	2	5	2	0	2	0	0	0	0	208
15:00	1	238	57	1	11	7	1	0	0	0	0	0	0	316
16:00	0	233	67	1	6	2	0	0	0	0	0	0	0	309
17:00	1	202	64	1	6	4	0	0	0	0	0	0	0	278
18:00	2	110	23	0	1	1	0	0	0	0	0	0	0	137
19:00	0	37	6	0	2	0	0	0	0	0	0	0	0	45
20:00	0	51	13	0	0	0	0	0	0	0	0	0	0	64
21:00	0	11	6	0	0	0	0	0	0	0	0	0	0	17
22:00	0	6	2	0	0	0	0	0	0	0	0	0	0	8
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Totals	**17**	**2443**	**723**	**10**	**111**	**37**	**5**	**1**	**7**					**3354**
% of Totals	1%	73%	22%	0%	3%	1%	0%	0%	0%					100%

AM Volumes	8	1020	338	3	58	14	0	0	5	0	0	0	0	1446
% AM	0%	30%	10%	0%	2%	0%			0%					43%
AM Peak Hour	10:00	08:00	11:00	11:00	10:00	10:00			06:00					08:00
Volume	3	203	73	2	13	5			3					275
PM Volumes	9	1423	385	7	53	23	5	1	2	0	0	0	0	1908
% PM	0%	42%	11%	0%	2%	1%	0%	0%	0%					57%
PM Peak Hour	12:00	15:00	16:00	13:00	13:00	15:00	12:00	13:00	14:00					15:00
Volume	5	238	67	3	13	7	2	1	2					316

Directional Peak Periods	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	512	15%	525	16%	587	18%	1730	52%

Classification Definitions

1	Motorcycles	**4**	Buses	**7**	> =4-Axle Single Units	**10**	>=6-Axle Single Trailers	**13**	>=7-Axle Multi-Trailers
2	Passenger Cars	**5**	2-Axle, 6-Tire Single Units	**8**	<=4-Axle Single Trailers	**11**	<=5-Axle Multi-Trailers		
3	2-Axle, 4-Tire Single Units	**6**	3-Axle Single Units	**9**	5-Axle Single Trailers	**12**	6-Axle Multi-Trailers		

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Whispering Pines Ln E/O Centennial Dr

Day: Tuesday
Date: 9/10/2019

City: Grass Valley
Project #: CA19_7288_010

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	1,607	1,638	3,245

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
00:00	0	0	0		0				**12:00**	0	0	54		28		82	
00:15	0	0	1		0		1		**12:15**	0	0	37		44		81	
00:30	0	0	0		0				**12:30**	0	0	38		26		64	
00:45	0	0	0	1	0			1	**12:45**	0	0	25	154	33	131	58	285
01:00	0	0	1		1		2		**13:00**	0	0	42		42		84	
01:15	0	0	2		0		2		**13:15**	0	0	21		28		49	
01:30	0	0	0		0				**13:30**	0	0	16		22		38	
01:45	0	0	1	4	0	1	1	5	**13:45**	0	0	35	114	14	106	49	220
02:00	0	0	1		0		1		**14:00**	0	0	22		19		41	
02:15	0	0	1		1		2		**14:15**	0	0	23		26		49	
02:30	0	0	1		0		1		**14:30**	0	0	31		21		52	
02:45	0	0	0	3	1	2	1	5	**14:45**	0	0	32	108	27	93	59	201
03:00	0	0	2		0		2		**15:00**	0	0	30		24		54	
03:15	0	0	1		0		1		**15:15**	0	0	30		26		56	
03:30	0	0	2		0		2		**15:30**	0	0	51		37		88	
03:45	0	0	1	6	2	2	3	8	**15:45**	0	0	46	157	36	123	82	280
04:00	0	0	1		3		4		**16:00**	0	0	46		29		75	
04:15	0	0	1		6		7		**16:15**	0	0	51		26		77	
04:30	0	0	2		7		9		**16:30**	0	0	68		27		95	
04:45	0	0	0	4	8	24	8	28	**16:45**	0	0	35	200	29	111	64	311
05:00	0	0	1		8		9		**17:00**	0	0	91		28		119	
05:15	0	0	2		7		9		**17:15**	0	0	56		18		74	
05:30	0	0	0		4		4		**17:30**	0	0	33		14		47	
05:45	0	0	8	11	20	39	28	50	**17:45**	0	0	21	201	13	73	34	274
06:00	0	0	6		15		21		**18:00**	0	0	28		7		35	
06:15	0	0	6		16		22		**18:15**	0	0	19		12		31	
06:30	0	0	6		27		33		**18:30**	0	0	11		12		23	
06:45	0	0	9	27	55	113	64	140	**18:45**	0	0	22	80	22	53	44	133
07:00	0	0	17		34		51		**19:00**	0	0	8		2		10	
07:15	0	0	3		37		40		**19:15**	0	0	5		8		13	
07:30	0	0	7		49		56		**19:30**	0	0	2		2		4	
07:45	0	0	6	33	87	207	93	240	**19:45**	0	0	9	24	1	13	10	37
08:00	0	0	17		49		66		**20:00**	0	0	14		3		17	
08:15	0	0	15		55		70		**20:15**	0	0	4		3		7	
08:30	0	0	29		47		76		**20:30**	0	0	17		6		23	
08:45	0	0	21	82	42	193	63	275	**20:45**	0	0	7	42	1	13	8	55
09:00	0	0	15		38		53		**21:00**	0	0	4		0		4	
09:15	0	0	21		22		43		**21:15**	0	0	5		4		9	
09:30	0	0	27		20		47		**21:30**	0	0	1		1		2	
09:45	0	0	28	91	30	110	58	201	**21:45**	0	0	2	12	1	6	3	18
10:00	0	0	36		26		62		**22:00**	0	0	1		2		3	
10:15	0	0	25		19		44		**22:15**	0	0	0		1		1	
10:30	0	0	33		24		57		**22:30**	0	0	2		0		2	
10:45	0	0	29	123	25	94	54	217	**22:45**	0	0	2	5	0	3	2	8
11:00	0	0	17		25		42		**23:00**	0	0	1		0		1	
11:15	0	0	26		29		55		**23:15**	0	0	1		0		1	
11:30	0	0	39		35		74		**23:30**	0	0	1		1		2	
11:45	0	0	40	122	37	126	77	248	**23:45**	0	0	0	3	1	2	1	5
TOTALS				507		911		**1418**	**TOTALS**				1100		727		**1827**
SPLIT %				35.8%		64.2%		**43.7%**	**SPLIT %**				60.2%		39.8%		**56.3%**

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	1,607	1,638	3,245

AM Peak Hour				11:30		07:30		**11:30**	**PM Peak Hour**				16:30		12:15		**16:15**
AM Pk Volume				170		240		**314**	**PM Pk Volume**				250		145		**355**
Pk Hr Factor				0.787		0.690		**0.957**	**Pk Hr Factor**				0.687		0.824		**0.746**
7 - 9 Volume	0	0		115		400		**515**	**4 - 6 Volume**	0	0		401		184		**585**
7 - 9 Peak Hour				08:00		07:30		**07:45**	**4 - 6 Peak Hour**				16:30		16:00		**16:15**
7 - 9 Pk Volume	0	0		82		240		**305**	**4 - 6 Pk Volume**	0	0		250		111		**355**
Pk Hr Factor	0.000	0.000		0.707		0.690		**0.820**	**Pk Hr Factor**	0.000	0.000		0.687		0.957		**0.746**

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln E/O Centennial Dr

Day: Tuesday
Date: 9/10/2019

City: Grass Valley
Project #: CA19_7288_010e

East Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
02:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
03:00	0	6	0	0	0	0	0	0	0	0	0	0	0	6
04:00	0	2	1	0	1	0	0	0	0	0	0	0	0	4
05:00	0	7	1	0	3	0	0	0	0	0	0	0	0	11
06:00	0	15	11	0	1	0	0	0	0	0	0	0	0	27
07:00	0	26	2	0	5	0	0	0	0	0	0	0	0	33
08:00	1	48	26	1	3	3	0	0	0	0	0	0	0	82
09:00	0	58	31	0	2	0	0	0	0	0	0	0	0	91
10:00	0	85	33	0	4	1	0	0	0	0	0	0	0	123
11:00	0	82	34	1	5	0	0	0	0	0	0	0	0	122
12:00 PM	1	116	33	0	3	1	0	0	0	0	0	0	0	154
13:00	0	80	29	0	5	0	0	0	0	0	0	0	0	114
14:00	0	86	21	0	1	0	0	0	0	0	0	0	0	108
15:00	1	130	22	0	3	1	0	0	0	0	0	0	0	157
16:00	0	156	39	0	5	0	0	0	0	0	0	0	0	200
17:00	0	156	40	1	3	1	0	0	0	0	0	0	0	201
18:00	0	64	15	0	1	0	0	0	0	0	0	0	0	80
19:00	1	17	4	0	2	0	0	0	0	0	0	0	0	24
20:00	0	35	7	0	0	0	0	0	0	0	0	0	0	42
21:00	0	7	5	0	0	0	0	0	0	0	0	0	0	12
22:00	0	4	1	0	0	0	0	0	0	0	0	0	0	5
23:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
Totals	**4**	**1191**	**355**	**3**	**47**	**7**								**1607**
% of Totals	0%	74%	22%	0%	3%	0%								100%

AM Volumes	1	337	139	2	24	4	0	0	0	0	0	0	0	507
% AM	0%	21%	9%	0%	1%	0%								32%
AM Peak Hour	08:00	10:00	11:00	08:00	07:00	08:00								10:00
Volume	1	85	34	1	5	3								123
PM Volumes	3	854	216	1	23	3	0	0	0	0	0	0	0	1100
% PM	0%	53%	13%	0%	1%	0%								68%
PM Peak Hour	12:00	16:00	17:00	17:00	13:00	12:00								17:00
Volume	1	156	40	1	5	1								201

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	115		7%	268		17%	401		25%	823		51%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln E/O Centennial Dr

Day: Tuesday
Date: 9/10/2019

City: Grass Valley
Project #: CA19_7288_010w

West Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
04:00	0	19	5	0	0	0	0	0	0	0	0	0	0	24
05:00	0	26	10	0	3	0	0	0	0	0	0	0	0	39
06:00	0	73	35	0	2	3	0	0	0	0	0	0	0	113
07:00	0	171	32	1	2	1	0	0	0	0	0	0	0	207
08:00	1	151	39	0	1	1	0	0	0	0	0	0	0	193
09:00	0	86	19	1	3	1	0	0	0	0	0	0	0	110
10:00	0	71	19	0	3	1	0	0	0	0	0	0	0	94
11:00	1	90	30	0	4	1	0	0	0	0	0	0	0	126
12:00 PM	0	103	24	0	2	2	0	0	0	0	0	0	0	131
13:00	1	85	18	0	2	0	0	0	0	0	0	0	0	106
14:00	0	66	16	1	6	4	0	0	0	0	0	0	0	93
15:00	0	93	23	0	4	3	0	0	0	0	0	0	0	123
16:00	1	85	22	1	1	1	0	0	0	0	0	0	0	111
17:00	2	48	18	0	3	2	0	0	0	0	0	0	0	73
18:00	0	44	4	1	3	1	0	0	0	0	0	0	0	53
19:00	0	8	2	0	2	1	0	0	0	0	0	0	0	13
20:00	0	11	2	0	0	0	0	0	0	0	0	0	0	13
21:00	0	4	2	0	0	0	0	0	0	0	0	0	0	6
22:00	0	1	2	0	0	0	0	0	0	0	0	0	0	3
23:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Totals	**6**	**1241**	**323**	**5**	**41**	**22**								**1638**
% of Totals	0%	76%	20%	0%	3%	1%								100%

AM Volumes	2	691	190	2	18	8	0	0	0	0	0	0	0	911
% AM	0%	42%	12%	0%	1%	0%								56%
AM Peak Hour	08:00	07:00	08:00	07:00	11:00	06:00								07:00
Volume	1	171	39	1	4	3								207
PM Volumes	4	550	133	3	23	14	0	0	0	0	0	0	0	727
% PM	0%	34%	8%	0%	1%	1%								44%
PM Peak Hour	17:00	12:00	12:00	14:00	14:00	14:00								12:00
Volume	2	103	24	1	6	4								131

Directional Peak Periods	**AM 7-9**		**NOON 12-2**		**PM 4-6**		**Off Peak Volumes**	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	400	24%	237	14%	184	11%	817	50%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln E/O Centennial Dr

Day: Tuesday
Date: 9/10/2019

City: Grass Valley
Project #: CA19_7288_010

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	5	0	0	0	0	0	0	0	0	0	0	0	5
02:00	0	5	0	0	0	0	0	0	0	0	0	0	0	5
03:00	0	7	1	0	0	0	0	0	0	0	0	0	0	8
04:00	0	21	6	0	1	0	0	0	0	0	0	0	0	28
05:00	0	33	11	0	6	0	0	0	0	0	0	0	0	50
06:00	0	88	46	0	3	3	0	0	0	0	0	0	0	140
07:00	0	197	34	1	7	1	0	0	0	0	0	0	0	240
08:00	2	199	65	1	4	4	0	0	0	0	0	0	0	275
09:00	0	144	50	1	5	1	0	0	0	0	0	0	0	201
10:00	0	156	52	0	7	2	0	0	0	0	0	0	0	217
11:00	1	172	64	1	9	1	0	0	0	0	0	0	0	248
12:00 PM	1	219	57	0	5	3	0	0	0	0	0	0	0	285
13:00	1	165	47	0	7	0	0	0	0	0	0	0	0	220
14:00	0	152	37	1	7	4	0	0	0	0	0	0	0	201
15:00	1	223	45	0	7	4	0	0	0	0	0	0	0	280
16:00	1	241	61	1	6	1	0	0	0	0	0	0	0	311
17:00	2	204	58	1	6	3	0	0	0	0	0	0	0	274
18:00	0	108	19	1	4	1	0	0	0	0	0	0	0	133
19:00	1	25	6	0	4	1	0	0	0	0	0	0	0	37
20:00	0	46	9	0	0	0	0	0	0	0	0	0	0	55
21:00	0	11	7	0	0	0	0	0	0	0	0	0	0	18
22:00	0	5	3	0	0	0	0	0	0	0	0	0	0	8
23:00	0	5	0	0	0	0	0	0	0	0	0	0	0	5
Totals	**10**	**2432**	**678**	**8**	**88**	**29**								**3245**
% of Totals	0%	75%	21%	0%	3%	1%								100%

AM Volumes	3	1028	329	4	42	12	0	0	0	0	0	0	0	1418
% AM	0%	32%	10%	0%	1%	0%								44%
AM Peak Hour	08:00	08:00	08:00	07:00	11:00	08:00								08:00
Volume	2	199	65	1	9	4								275
PM Volumes	7	1404	349	4	46	17	0	0	0	0	0	0	0	1827
% PM	0%	43%	11%	0%	1%	1%								56%
PM Peak Hour	17:00	16:00	16:00	14:00	13:00	14:00								16:00
Volume	2	241	61	1	7	4								311

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	515		16%	505		16%	585		18%	1640		51%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Whispering Pines Ln Bet. Crown Point Cir & Brunswick Rd

Day: Wednesday
Date: 9/4/2019

City: Grass Valley
Project #: CA19_7288_011

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	1,401	1,189	2,590

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
00:00	0	0	0		0				**12:00**	0	0	60		19		79	
00:15	0	0	0		0				**12:15**	0	0	28		27		55	
00:30	0	0	1		0		1		**12:30**	0	0	27		26		53	
00:45	0	0	0	1	1	1	1	2	**12:45**	0	0	30	145	39	111	69	256
01:00	0	0	0		0				**13:00**	0	0	28		28		56	
01:15	0	0	0		2		2		**13:15**	0	0	28		31		59	
01:30	0	0	0		1		1		**13:30**	0	0	25		27		52	
01:45	0	0	1	1	0	3	1	4	**13:45**	0	0	27	108	27	113	54	221
02:00	0	0	0		0				**14:00**	0	0	29		17		46	
02:15	0	0	0		1		1		**14:15**	0	0	19		16		35	
02:30	0	0	0		1		1		**14:30**	0	0	26		21		47	
02:45	0	0	0		0	2		2	**14:45**	0	0	27	101	22	76	49	177
03:00	0	0	0		0				**15:00**	0	0	41		21		62	
03:15	0	0	0		0				**15:15**	0	0	26		23		49	
03:30	0	0	0		0				**15:30**	0	0	54		16		70	
03:45	0	0	0		0				**15:45**	0	0	35	156	27	87	62	243
04:00	0	0	3		3		6		**16:00**	0	0	28		22		50	
04:15	0	0	1		1		2		**16:15**	0	0	32		14		46	
04:30	0	0	2		2		4		**16:30**	0	0	40		23		63	
04:45	0	0	0	6	2	8	2	14	**16:45**	0	0	25	125	22	81	47	206
05:00	0	0	2		4		6		**17:00**	0	0	65		9		74	
05:15	0	0	4		2		6		**17:15**	0	0	34		14		48	
05:30	0	0	4		7		11		**17:30**	0	0	28		7		35	
05:45	0	0	7	17	14	27	21	44	**17:45**	0	0	16	143	11	41	27	184
06:00	0	0	4		8		12		**18:00**	0	0	8		6		14	
06:15	0	0	3		10		13		**18:15**	0	0	17		1		18	
06:30	0	0	8		9		17		**18:30**	0	0	18		7		25	
06:45	0	0	15	30	22	49	37	79	**18:45**	0	0	19	62	8	22	27	84
07:00	0	0	21		15		36		**19:00**	0	0	14		3		17	
07:15	0	0	11		24		35		**19:15**	0	0	6		7		13	
07:30	0	0	12		26		38		**19:30**	0	0	3		2		5	
07:45	0	0	10	54	32	97	42	151	**19:45**	0	0	4	27	2	14	6	41
08:00	0	0	12		26		38		**20:00**	0	0	7		5		12	
08:15	0	0	20		41		61		**20:15**	0	0	7		4		11	
08:30	0	0	21		41		62		**20:30**	0	0	6		2		8	
08:45	0	0	18	71	38	146	56	217	**20:45**	0	0	9	29	3	14	12	43
09:00	0	0	29		23		52		**21:00**	0	0	2		2		4	
09:15	0	0	38		18		56		**21:15**	0	0	7		2		9	
09:30	0	0	23		28		51		**21:30**	0	0	3		1		4	
09:45	0	0	22	112	46	115	68	227	**21:45**	0	0	2	14	1	6	3	20
10:00	0	0	20		13		33		**22:00**	0	0	3		1		4	
10:15	0	0	19		27		46		**22:15**	0	0	2		0		2	
10:30	0	0	17		19		36		**22:30**	0	0	1		0		1	
10:45	0	0	23	79	31	90	54	169	**22:45**	0	0	1	7	0	1	1	8
11:00	0	0	21		20		41		**23:00**	0	0	1		0		1	
11:15	0	0	17		21		38		**23:15**	0	0	2		0		2	
11:30	0	0	37		16		53		**23:30**	0	0	2		0		2	
11:45	0	0	30	105	26	83	56	188	**23:45**	0	0	3	8	2	2	5	10
TOTALS				476		621		**1097**	**TOTALS**				925		568		**1493**
SPLIT %				43.4%		56.6%		**42.4%**	**SPLIT %**				62.0%		38.0%		**57.6%**

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	1,401	1,189	2,590

AM Peak Hour			11:30	08:00	**11:30**	**PM Peak Hour**		16:30	12:45	**12:00**
AM Pk Volume			155	146	**243**	**PM Pk Volume**		164	125	**256**
Pk Hr Factor			0.646	0.890	**0.769**	**Pk Hr Factor**		0.631	0.801	**0.810**
7 - 9 Volume	0	0	125	243	**368**	**4 - 6 Volume**	0	0 268	122	**390**
7 - 9 Peak Hour			08:00	08:00	**08:00**	**4 - 6 Peak Hour**		16:30	16:00	**16:30**
7 - 9 Pk Volume	0	0	71	146	**217**	**4 - 6 Pk Volume**	0	0 164	81	**232**
Pk Hr Factor	0.000	0.000	0.845	0.890	**0.875**	**Pk Hr Factor**	0.000	0.000 0.631	0.880	**0.784**

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln Bet. Crown Point Cir & Brunswick Rd

Day: Wednesday
Date: 9/4/2019

City: Grass Valley
Project #: CA19_7288_011e

East Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	4	1	0	1	0	0	0	0	0	0	0	0	6
05:00	0	10	3	0	3	1	0	0	0	0	0	0	0	17
06:00	0	20	5	1	1	2	0	0	0	0	1	0	0	30
07:00	0	29	16	1	6	0	0	1	1	0	0	0	0	54
08:00	0	44	17	0	9	0	0	0	1	0	0	0	0	71
09:00	1	71	30	0	5	3	0	0	1	0	1	0	0	112
10:00	0	50	22	1	6	0	0	0	0	0	0	0	0	79
11:00	0	72	27	1	4	0	0	1	0	0	0	0	0	105
12:00 PM	1	105	32	0	5	2	0	0	0	0	0	0	0	145
13:00	0	70	27	0	11	0	0	0	0	0	0	0	0	108
14:00	1	65	20	0	9	1	0	3	2	0	0	0	0	101
15:00	3	98	41	1	8	3	0	1	1	0	0	0	0	156
16:00	0	89	26	0	8	0	0	2	0	0	0	0	0	125
17:00	1	112	27	0	3	0	0	0	0	0	0	0	0	143
18:00	1	44	15	0	2	0	0	0	0	0	0	0	0	62
19:00	0	17	10	0	0	0	0	0	0	0	0	0	0	27
20:00	0	22	5	0	2	0	0	0	0	0	0	0	0	29
21:00	0	9	4	0	1	0	0	0	0	0	0	0	0	14
22:00	0	6	1	0	0	0	0	0	0	0	0	0	0	7
23:00	0	5	3	0	0	0	0	0	0	0	0	0	0	8
Totals	**8**	**943**	**333**	**5**	**84**	**12**		**8**	**6**		**2**			**1401**
% of Totals	1%	67%	24%	0%	6%	1%		1%	0%		0%			100%

AM Volumes	1	301	122	4	35	6	0	2	3	0	2	0	0	476
% AM	0%	21%	9%	0%	2%	0%		0%	0%		0%			34%
AM Peak Hour	09:00	11:00	09:00	06:00	08:00	09:00		07:00	07:00		06:00			09:00
Volume	1	72	30	1	9	3		1	1		1			112
PM Volumes	7	642	211	1	49	6	0	6	3	0	0	0	0	925
% PM	0%	46%	15%	0%	3%	0%		0%	0%					66%
PM Peak Hour	15:00	17:00	15:00	15:00	13:00	15:00		14:00	14:00					15:00
Volume	3	112	41	1	11	3		3	2					156

Directional Peak Periods	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	125	9%	253	18%	268	19%	755	54%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln Bet. Crown Point Cir & Brunswick Rd

Day: Wednesday
Date: 9/4/2019

City: Grass Valley
Project #: CA19_7288_011w

West Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	0	1	0	0	0	0	0	0	0	0	0	0	1
01:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	6	2	0	0	0	0	0	0	0	0	0	0	8
05:00	0	14	5	0	5	3	0	0	0	0	0	0	0	27
06:00	0	32	13	0	4	0	0	0	0	0	0	0	0	49
07:00	1	73	19	0	3	0	0	0	1	0	0	0	0	97
08:00	1	105	24	1	13	1	0	1	0	0	0	0	0	146
09:00	0	79	26	0	10	0	0	0	0	0	0	0	0	115
10:00	0	53	23	0	11	1	0	0	2	0	0	0	0	90
11:00	0	54	20	0	8	1	0	0	0	0	0	0	0	83
12:00 PM	0	79	20	1	10	0	0	1	0	0	0	0	0	111
13:00	2	75	26	1	8	1	0	0	0	0	0	0	0	113
14:00	1	46	16	0	8	1	0	3	1	0	0	0	0	76
15:00	0	52	24	0	11	0	0	0	0	0	0	0	0	87
16:00	1	58	16	1	5	0	0	0	0	0	0	0	0	81
17:00	0	26	7	0	8	0	0	0	0	0	0	0	0	41
18:00	0	20	1	0	1	0	0	0	0	0	0	0	0	22
19:00	0	11	3	0	0	0	0	0	0	0	0	0	0	14
20:00	0	9	5	0	0	0	0	0	0	0	0	0	0	14
21:00	0	4	0	0	2	0	0	0	0	0	0	0	0	6
22:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
23:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Totals	**6**	**804**	**251**	**4**	**107**	**8**		**5**	**4**					**1189**
% of Totals	1%	68%	21%	0%	9%	1%		0%	0%					100%

AM Volumes	2	421	133	1	54	6	0	1	3	0	0	0	0	621
% AM	0%	35%	11%	0%	5%	1%		0%	0%					52%
AM Peak Hour	07:00	08:00	09:00	08:00	08:00	05:00		08:00	10:00					08:00
Volume	1	105	26	1	13	3		1	2					146
PM Volumes	4	383	118	3	53	2	0	4	1	0	0	0	0	568
% PM	0%	32%	10%	0%	4%	0%		0%	0%					48%
PM Peak Hour	13:00	12:00	13:00	12:00	15:00	13:00		14:00	14:00					13:00
Volume	2	79	26	1	11	1		3	1					113

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	243		20%	224		19%	122		10%	600		50%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln Bet. Crown Point Cir & Brunswick Rd

Day: Wednesday
Date: 9/4/2019

City: Grass Valley
Project #: CA19_7288_011

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	1	1	0	0	0	0	0	0	0	0	0	0	2
01:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	10	3	0	1	0	0	0	0	0	0	0	0	14
05:00	0	24	8	0	8	4	0	0	0	0	0	0	0	44
06:00	0	52	18	1	5	2	0	0	0	0	1	0	0	79
07:00	1	102	35	1	9	0	0	1	2	0	0	0	0	151
08:00	1	149	41	1	22	1	0	1	1	0	0	0	0	217
09:00	1	150	56	0	15	3	0	0	1	0	1	0	0	227
10:00	0	103	45	1	17	1	0	0	2	0	0	0	0	169
11:00	0	126	47	1	12	1	0	1	0	0	0	0	0	188
12:00 PM	1	184	52	1	15	2	0	1	0	0	0	0	0	256
13:00	2	145	53	1	19	1	0	0	0	0	0	0	0	221
14:00	2	111	36	0	17	2	0	6	3	0	0	0	0	177
15:00	3	150	65	1	19	3	0	1	1	0	0	0	0	243
16:00	1	147	42	1	13	0	0	2	0	0	0	0	0	206
17:00	1	138	34	0	11	0	0	0	0	0	0	0	0	184
18:00	1	64	16	0	3	0	0	0	0	0	0	0	0	84
19:00	0	28	13	0	0	0	0	0	0	0	0	0	0	41
20:00	0	31	10	0	2	0	0	0	0	0	0	0	0	43
21:00	0	13	4	0	3	0	0	0	0	0	0	0	0	20
22:00	0	7	1	0	0	0	0	0	0	0	0	0	0	8
23:00	0	7	3	0	0	0	0	0	0	0	0	0	0	10
Totals	**14**	**1747**	**584**	**9**	**191**	**20**		**13**	**10**		**2**			**2590**
% of Totals	1%	67%	23%	0%	7%	1%		1%	0%		0%			100%

AM Volumes	3	722	255	5	89	12	0	3	6	0	2	0	0	1097
% AM	0%	28%	10%	0%	3%	0%		0%	0%		0%			42%
AM Peak Hour	07:00	09:00	09:00	06:00	08:00	05:00		07:00	07:00		06:00			09:00
Volume	1	150	56	1	22	4		1	2		1			227
PM Volumes	11	1025	329	4	102	8	0	10	4	0	0	0	0	1493
% PM	0%	40%	13%	0%	4%	0%		0%	0%					58%
PM Peak Hour	15:00	12:00	15:00	12:00	13:00	15:00		14:00	14:00					12:00
Volume	3	184	65	1	19	3		6	3					256

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	368		14%	477		18%	390		15%	1355		52%

Classification Definitions

1	Motorcycles	**4**	Buses	**7**	> =4-Axle Single Units	**10**	>=6-Axle Single Trailers	**13**	>=7-Axle Multi-Trailers
2	Passenger Cars	**5**	2-Axle, 6-Tire Single Units	**8**	<=4-Axle Single Trailers	**11**	<=5-Axle Multi-Trailers		
3	2-Axle, 4-Tire Single Units	**6**	3-Axle Single Units	**9**	5-Axle Single Trailers	**12**	6-Axle Multi-Trailers		

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Whispering Pines Ln Bet. Crown Point Cir & Brunswick Rd

Day: Thursday
Date: 9/5/2019

City: Grass Valley
Project #: CA19_7288_011

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	1,329	1,166	2,495

AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
00:00	0	0	0	0			**12:00**	0	0	29		21		50	
00:15	0	0	0	0			**12:15**	0	0	26		27		53	
00:30	0	0	0	0			**12:30**	0	0	39		22		61	
00:45	0	0	0	1	1	1 1	**12:45**	0	0	22	116	43	113	65	229
01:00	0	0	0	0			**13:00**	0	0	24		36		60	
01:15	0	0	0	0			**13:15**	0	0	23		26		49	
01:30	0	0	0	0			**13:30**	0	0	34		27		61	
01:45	0	0	0	1	1	1 1	**13:45**	0	0	27	108	21	110	48	218
02:00	0	0	0	1		1	**14:00**	0	0	27		19		46	
02:15	0	0	0	0			**14:15**	0	0	24		23		47	
02:30	0	0	0	0			**14:30**	0	0	30		17		47	
02:45	0	0	0	1	2	1 2	**14:45**	0	0	24	105	25	84	49	189
03:00	0	0	1	1		2	**15:00**	0	0	21		13		34	
03:15	0	0	0	1		1	**15:15**	0	0	15		12		27	
03:30	0	0	0	0			**15:30**	0	0	53		32		85	
03:45	0	0	0	1	0	2 3	**15:45**	0	0	29	118	24	81	53	199
04:00	0	0	0	0			**16:00**	0	0	19		11		30	
04:15	0	0	4	1		5	**16:15**	0	0	33		23		56	
04:30	0	0	3	4		7	**16:30**	0	0	50		21		71	
04:45	0	0	0	7	1	6 1 13	**16:45**	0	0	34	136	14	69	48	205
05:00	0	0	1	2		3	**17:00**	0	0	50		17		67	
05:15	0	0	3	3		6	**17:15**	0	0	23		16		39	
05:30	0	0	4	6		10	**17:30**	0	0	35		9		44	
05:45	0	0	5	13	12	23 17 36	**17:45**	0	0	27	135	9	51	36	186
06:00	0	0	5	5		10	**18:00**	0	0	16		5		21	
06:15	0	0	7	5		12	**18:15**	0	0	18		9		27	
06:30	0	0	8	11		19	**18:30**	0	0	17		7		24	
06:45	0	0	12	32	22	43 34 75	**18:45**	0	0	15	66	11	32	26	98
07:00	0	0	21	21		42	**19:00**	0	0	13		4		17	
07:15	0	0	6	23		29	**19:15**	0	0	12		8		20	
07:30	0	0	15	28		43	**19:30**	0	0	7		4		11	
07:45	0	0	21	63	34	106 55 169	**19:45**	0	0	5	37	7	23	12	60
08:00	0	0	16	23		39	**20:00**	0	0	1		4		5	
08:15	0	0	16	27		43	**20:15**	0	0	10		2		12	
08:30	0	0	31	30		61	**20:30**	0	0	9		2		11	
08:45	0	0	18	81	32	112 50 193	**20:45**	0	0	3	23	0	8	3	31
09:00	0	0	15	33		48	**21:00**	0	0	2		1		3	
09:15	0	0	15	27		42	**21:15**	0	0	0		1		1	
09:30	0	0	15	24		39	**21:30**	0	0	2		1		3	
09:45	0	0	25	70	17	101 42 171	**21:45**	0	0	5	9	1	4	6	13
10:00	0	0	17	20		37	**22:00**	0	0	2		0		2	
10:15	0	0	24	20		44	**22:15**	0	0	0		2		2	
10:30	0	0	29	19		48	**22:30**	0	0	2		0		2	
10:45	0	0	18	88	25	84 43 172	**22:45**	0	0	0	4	0	2		6
11:00	0	0	30		24		54	**23:00**	0	0	0		1		1	
11:15	0	0	18		32		50	**23:15**	0	0	0		0			
11:30	0	0	36		17		53	**23:30**	0	0	0		1		1	
11:45	0	0	33	117	32	105 65 222	**23:45**	0	0	0		1	3	1	3
TOTALS				472		586 **1058**	**TOTALS**				857		580		**1437**
SPLIT %				44.6%		55.4% **42.4%**	**SPLIT %**				59.6%		40.4%		**57.6%**

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	1,329	1,166	2,495

AM Peak Hour				11:45	08:15	**11:45**	**PM Peak Hour**				16:15	12:45	**16:15**
AM Pk Volume				127	122	**229**	**PM Pk Volume**				167	132	**242**
Pk Hr Factor				0.814	0.924	**0.881**	**Pk Hr Factor**				0.835	0.767	**0.852**
7 - 9 Volume	0	0		144	218	**362**	**4 - 6 Volume**	0	0		271	120	**391**
7 - 9 Peak Hour				07:45	07:45	**07:45**	**4 - 6 Peak Hour**				16:15	16:15	**16:15**
7 - 9 Pk Volume	0	0		84	114	**198**	**4 - 6 Pk Volume**	0	0		167	75	**242**
Pk Hr Factor	0.000	0.000		0.677	0.838	**0.811**	**Pk Hr Factor**	0.000	0.000		0.835	0.815	**0.852**

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln Bet. Crown Point Cir & Brunswick Rd

Day: Thursday
Date: 9/5/2019

City: Grass Valley
Project #: CA19_7288_011e

East Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	5	2	0	0	0	0	0	0	0	0	0	0	7
05:00	0	10	0	0	3	0	0	0	0	0	0	0	0	13
06:00	0	18	8	0	3	1	0	0	0	1	1	0	0	32
07:00	0	25	17	1	17	2	0	0	1	0	0	0	0	63
08:00	0	41	27	1	10	1	0	0	0	0	1	0	0	81
09:00	1	32	29	0	6	2	0	0	0	0	0	0	0	70
10:00	0	48	32	0	7	0	0	0	1	0	0	0	0	88
11:00	1	77	34	0	3	2	0	0	0	0	0	0	0	117
12:00 PM	0	85	23	1	6	1	0	0	0	0	0	0	0	116
13:00	1	71	28	1	6	1	0	0	0	0	0	0	0	108
14:00	4	65	25	1	7	2	0	0	1	0	0	0	0	105
15:00	1	76	27	1	8	3	0	2	0	0	0	0	0	118
16:00	2	103	25	1	5	0	0	0	0	0	0	0	0	136
17:00	1	107	24	0	3	0	0	0	0	0	0	0	0	135
18:00	0	47	16	0	3	0	0	0	0	0	0	0	0	66
19:00	1	24	10	0	2	0	0	0	0	0	0	0	0	37
20:00	1	17	3	0	2	0	0	0	0	0	0	0	0	23
21:00	0	8	1	0	0	0	0	0	0	0	0	0	0	9
22:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals	**13**	**864**	**331**	**7**	**91**	**15**		**2**	**3**	**1**	**2**			**1329**
% of Totals	1%	65%	25%	1%	7%	1%		0%	0%	0%	0%			100%

AM Volumes	2	257	149	2	49	8	0	0	2	1	2	0	0	472
% AM	0%	19%	11%	0%	4%	1%			0%	0%	0%			36%
AM Peak Hour	09:00	11:00	11:00	07:00	07:00	07:00			07:00	06:00	06:00			11:00
Volume	1	77	34	1	17	2			1	1	1			117
PM Volumes	11	607	182	5	42	7	0	2	1	0	0	0	0	857
% PM	1%	46%	14%	0%	3%	1%		0%	0%					64%
PM Peak Hour	14:00	17:00	13:00	12:00	15:00	15:00		15:00	14:00					16:00
Volume	4	107	28	1	8	3		2	1					136

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	144		11%	224		17%	271		20%	690		52%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln Bet. Crown Point Cir & Brunswick Rd

Day: Thursday
Date: 9/5/2019

City: Grass Valley
Project #: CA19_7288_011w

West Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
03:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
04:00	0	4	0	0	2	0	0	0	0	0	0	0	0	6
05:00	0	15	5	0	3	0	0	0	0	0	0	0	0	23
06:00	0	31	10	0	2	0	0	0	0	0	0	0	0	43
07:00	2	63	30	0	10	1	0	0	0	0	0	0	0	106
08:00	1	75	25	0	10	0	0	1	0	0	0	0	0	112
09:00	1	59	29	0	10	2	0	0	0	0	0	0	0	101
10:00	0	52	18	1	11	2	0	0	0	0	0	0	0	84
11:00	1	77	23	0	3	0	0	0	1	0	0	0	0	105
12:00 PM	2	79	19	1	10	2	0	0	0	0	0	0	0	113
13:00	1	70	30	1	7	1	0	0	0	0	0	0	0	110
14:00	1	50	17	0	11	4	0	0	1	0	0	0	0	84
15:00	1	53	16	2	7	0	0	2	0	0	0	0	0	81
16:00	1	54	12	0	1	0	0	1	0	0	0	0	0	69
17:00	0	35	10	0	6	0	0	0	0	0	0	0	0	51
18:00	0	21	6	0	5	0	0	0	0	0	0	0	0	32
19:00	0	19	2	1	1	0	0	0	0	0	0	0	0	23
20:00	0	4	3	0	1	0	0	0	0	0	0	0	0	8
21:00	0	3	0	0	1	0	0	0	0	0	0	0	0	4
22:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
23:00	0	1	1	0	1	0	0	0	0	0	0	0	0	3
Totals	**11**	**771**	**258**	**6**	**102**	**12**		**4**	**2**					**1166**
% of Totals	1%	66%	22%	1%	9%	1%		0%	0%					100%

AM Volumes	5	381	141	1	51	5	0	1	1	0	0	0	0	586
% AM	0%	33%	12%	0%	4%	0%		0%	0%					50%
AM Peak Hour	07:00	11:00	07:00	10:00	10:00	09:00		08:00	11:00					08:00
Volume	2	77	30	1	11	2		1	1					112
PM Volumes	6	390	117	5	51	7	0	3	1	0	0	0	0	580
% PM	1%	33%	10%	0%	4%	1%		0%	0%					50%
PM Peak Hour	12:00	12:00	13:00	15:00	14:00	14:00		15:00	14:00					12:00
Volume	2	79	30	2	11	4		2	1					113

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	218		19%	223		19%	120		10%	605		52%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln Bet. Crown Point Cir & Brunswick Rd

Day: Thursday
Date: 9/5/2019

City: Grass Valley
Project #: CA19_7288_011

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
03:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
04:00	0	9	2	0	2	0	0	0	0	0	0	0	0	13
05:00	0	25	5	0	6	0	0	0	0	0	0	0	0	36
06:00	0	49	18	0	5	1	0	0	0	1	1	0	0	75
07:00	2	88	47	1	27	3	0	0	1	0	0	0	0	169
08:00	1	116	52	1	20	1	0	1	0	0	1	0	0	193
09:00	2	91	58	0	16	4	0	0	0	0	0	0	0	171
10:00	0	100	50	1	18	2	0	0	1	0	0	0	0	172
11:00	2	154	57	0	6	2	0	0	1	0	0	0	0	222
12:00 PM	2	164	42	2	16	3	0	0	0	0	0	0	0	229
13:00	2	141	58	2	13	2	0	0	0	0	0	0	0	218
14:00	5	115	42	1	18	6	0	0	2	0	0	0	0	189
15:00	2	129	43	3	15	3	0	4	0	0	0	0	0	199
16:00	3	157	37	1	6	0	0	1	0	0	0	0	0	205
17:00	1	142	34	0	9	0	0	0	0	0	0	0	0	186
18:00	0	68	22	0	8	0	0	0	0	0	0	0	0	98
19:00	1	43	12	1	3	0	0	0	0	0	0	0	0	60
20:00	1	21	6	0	3	0	0	0	0	0	0	0	0	31
21:00	0	11	1	0	1	0	0	0	0	0	0	0	0	13
22:00	0	5	1	0	0	0	0	0	0	0	0	0	0	6
23:00	0	1	1	0	1	0	0	0	0	0	0	0	0	3
Totals	**24**	**1635**	**589**	**13**	**193**	**27**		**6**	**5**	**1**	**2**			**2495**
% of Totals	1%	66%	24%	1%	8%	1%		0%	0%	0%	0%			100%

AM Volumes	7	638	290	3	100	13	0	1	3	1	2	0	0	1058
% AM	0%	26%	12%	0%	4%	1%		0%	0%	0%	0%			42%
AM Peak Hour	07:00	11:00	09:00	07:00	07:00	09:00		08:00	07:00	06:00	06:00			11:00
Volume	2	154	58	1	27	4		1	1	1	1			222
PM Volumes	17	997	299	10	93	14	0	5	2	0	0	0	0	1437
% PM	1%	40%	12%	0%	4%	1%		0%	0%					58%
PM Peak Hour	14:00	12:00	13:00	15:00	14:00	14:00		15:00	14:00					12:00
Volume	5	164	58	3	18	6		4	2					229

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	362		15%	447		18%	391		16%	1295		52%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by NDS/ATD

DAILY TOTALS	NB	SB	EB	WB	To
	0	0	1,270	1,111	2,3

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOT
00:00	0	0	1		0		1		**12:00**	0	0	47		23		70
00:15	0	0	0		0				**12:15**	0	0	28		28		56
00:30	0	0	0		1		1		**12:30**	0	0	30		21		51
00:45	0	0	0	1	0	1		2	**12:45**	0	0	36	141	41	113	77
01:00	0	0	0		0				**13:00**	0	0	32		27		59
01:15	0	0	0		0				**13:15**	0	0	30		37		67
01:30	0	0	0		0				**13:30**	0	0	19		26		45
01:45	0	0	0		0				**13:45**	0	0	13	94	31	121	44
02:00	0	0	0		1		1		**14:00**	0	0	22		24		46
02:15	0	0	1		0		1		**14:15**	0	0	24		13		37
02:30	0	0	1		0		1		**14:30**	0	0	24		22		46
02:45	0	0	0	2	0	1		3	**14:45**	0	0	24	94	15	74	39
03:00	0	0	0		0				**15:00**	0	0	26		18		44
03:15	0	0	0		2		2		**15:15**	0	0	18		25		43
03:30	0	0	0		0				**15:30**	0	0	38		21		59
03:45	0	0	1	1	0	2	1	3	**15:45**	0	0	26	108	21	85	47
04:00	0	0	2		2		4		**16:00**	0	0	27		12		39
04:15	0	0	3		3		6		**16:15**	0	0	22		12		34
04:30	0	0	2		0		2		**16:30**	0	0	37		8		45
04:45	0	0	2	9	4	9	6	18	**16:45**	0	0	23	109	16	48	39
05:00	0	0	0		7		7		**17:00**	0	0	57		12		69
05:15	0	0	3		3		6		**17:15**	0	0	32		6		38
05:30	0	0	1		2		3		**17:30**	0	0	19		11		30
05:45	0	0	8	12	10	22	18	34	**17:45**	0	0	16	124	12	41	28
06:00	0	0	5		8		13		**18:00**	0	0	18		8		26
06:15	0	0	5		9		14		**18:15**	0	0	12		5		17
06:30	0	0	9		12		21		**18:30**	0	0	9		6		15
06:45	0	0	11	30	26	55	37	85	**18:45**	0	0	12	51	2	21	14
07:00	0	0	16		21		37		**19:00**	0	0	6		3		9
07:15	0	0	11		19		30		**19:15**	0	0	13		3		16
07:30	0	0	13		27		40		**19:30**	0	0	6		4		10
07:45	0	0	18	58	37	104	55	162	**19:45**	0	0	3	28	0	10	3
08:00	0	0	10		23		33		**20:00**	0	0	3		1		4
08:15	0	0	25		24		49		**20:15**	0	0	8		4		12
08:30	0	0	22		31		53		**20:30**	0	0	2		3		5
08:45	0	0	17	74	31	109	48	183	**20:45**	0	0	1	14	1	9	2
09:00	0	0	11		27		38		**21:00**	0	0	3		1		4
09:15	0	0	22		24		46		**21:15**	0	0	2		0		2
09:30	0	0	24		17		41		**21:30**	0	0	1		1		2
09:45	0	0	17	74	26	94	43	168	**21:45**	0	0	3	9	0	2	3
10:00	0	0	24		23		47		**22:00**	0	0	2		0		2
10:15	0	0	34		17		51		**22:15**	0	0	2		1		3
10:30	0	0	20		21		41		**22:30**	0	0	1		1		2
10:45	0	0	20	98	29	90	49	188	**22:45**	0	0	0	5	0	2	
11:00	0	0	21		27		48		**23:00**	0	0	0		0		
11:15	0	0	27		28		55		**23:15**	0	0	4		1		5
11:30	0	0	37		16		53		**23:30**	0	0	2		0		2
11:45	0	0	43	128	26	97	69	225	**23:45**	0	0	0	6	0	1	
TOTALS				487		584		**1071**	**TOTALS**				783		527	
SPLIT %				45.5%		54.5%		**45.0%**	**SPLIT %**				59.8%		40.2%	

DAILY TOTALS	NB	SB	EB	WB	To
	0	0	1,270	1,111	2,3

AM Peak Hour			11:30	07:45	**11:30**	**PM Peak Hour**			16:30	12:45	
AM Pk Volume			155	115	**248**	**PM Pk Volume**			149	131	
Pk Hr Factor			0.824	0.777	**0.886**	**Pk Hr Factor**			0.654	0.799	
7 - 9 Volume	0	0	132	213	**345**	**4 - 6 Volume**	0	0	233	89	
7 - 9 Peak Hour			07:45	07:45	**07:45**	**4 - 6 Peak Hour**			16:30	16:00	
7 - 9 Pk Volume	0	0	75	115	**190**	**4 - 6 Pk Volume**	0	0	149	48	
Pk Hr Factor	0.000	0.000	0.750	0.777	**0.864**	**Pk Hr Factor**	0.000	0.000	0.654	0.750	

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln Bet. Crown Point Cir & Brunswick Rd

Day: Friday
Date: 9/6/2019

City: Grass Valley
Project #: CA19_7288_011e

East Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	7	1	0	1	0	0	0	0	0	0	0	0	9
05:00	0	9	1	0	0	2	0	0	0	0	0	0	0	12
06:00	1	17	9	0	1	2	0	0	0	0	0	0	0	30
07:00	0	28	20	1	8	0	0	0	1	0	0	0	0	58
08:00	0	47	13	0	12	2	0	0	0	0	0	0	0	74
09:00	0	46	26	0	1	1	0	0	0	0	0	0	0	74
10:00	1	60	23	1	8	2	0	1	2	0	0	0	0	98
11:00	1	83	39	0	3	2	0	0	0	0	0	0	0	128
12:00 PM	1	107	22	1	5	0	0	2	3	0	0	0	0	141
13:00	1	58	27	0	5	2	0	0	1	0	0	0	0	94
14:00	1	58	26	1	7	1	0	0	0	0	0	0	0	94
15:00	1	78	19	1	8	0	0	1	0	0	0	0	0	108
16:00	2	82	22	1	2	0	0	0	0	0	0	0	0	109
17:00	0	92	27	0	5	0	0	0	0	0	0	0	0	124
18:00	0	36	13	0	2	0	0	0	0	0	0	0	0	51
19:00	0	25	3	0	0	0	0	0	0	0	0	0	0	28
20:00	0	10	2	0	2	0	0	0	0	0	0	0	0	14
21:00	0	7	2	0	0	0	0	0	0	0	0	0	0	9
22:00	0	4	1	0	0	0	0	0	0	0	0	0	0	5
23:00	0	4	2	0	0	0	0	0	0	0	0	0	0	6
Totals	**9**	**862**	**298**	**6**	**70**	**14**		**4**	**7**					**1270**
% of Totals	1%	68%	23%	0%	6%	1%		0%	1%					100%

AM Volumes	3	301	132	2	34	11	0	1	3	0	0	0	0	487
% AM	0%	24%	10%	0%	3%	1%		0%	0%					38%
AM Peak Hour	06:00	11:00	11:00	07:00	08:00	05:00		10:00	10:00					11:00
Volume	1	83	39	1	12	2		1	2					128
PM Volumes	6	561	166	4	36	3	0	3	4	0	0	0	0	783
% PM	0%	44%	13%	0%	3%	0%		0%	0%					62%
PM Peak Hour	16:00	12:00	13:00	12:00	15:00	13:00		12:00	12:00					12:00
Volume	2	107	27	1	8	2		2	3					141

Directional Peak Periods All Classes	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
	Volume	%	Volume	%	Volume	%	Volume	%
	132	10%	235	19%	233	18%	670	53%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln Bet. Crown Point Cir & Brunswick Rd

Day: Friday
Date: 9/6/2019

City: Grass Valley
Project #: CA19_7288_011w

West Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
03:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
04:00	0	6	2	0	1	0	0	0	0	0	0	0	0	9
05:00	0	18	2	0	0	2	0	0	0	0	0	0	0	22
06:00	0	37	14	0	3	0	0	0	1	0	0	0	0	55
07:00	2	74	19	0	8	1	0	0	0	0	0	0	0	104
08:00	0	77	19	1	11	1	0	0	0	0	0	0	0	109
09:00	0	62	24	0	8	0	0	0	0	0	0	0	0	94
10:00	0	62	16	0	10	1	0	0	0	0	1	0	0	90
11:00	1	65	22	0	6	2	0	0	1	0	0	0	0	97
12:00 PM	1	80	19	1	10	0	0	2	0	0	0	0	0	113
13:00	1	79	27	0	13	0	0	0	1	0	0	0	0	121
14:00	1	54	11	1	7	0	0	0	0	0	0	0	0	74
15:00	0	51	24	2	7	0	0	0	0	0	1	0	0	85
16:00	0	29	12	2	4	0	0	0	1	0	0	0	0	48
17:00	0	29	4	1	7	0	0	0	0	0	0	0	0	41
18:00	0	14	5	0	2	0	0	0	0	0	0	0	0	21
19:00	0	8	2	0	0	0	0	0	0	0	0	0	0	10
20:00	0	6	3	0	0	0	0	0	0	0	0	0	0	9
21:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
22:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Totals	**6**	**757**	**228**	**8**	**97**	**7**		**2**	**4**		**2**			**1111**
% of Totals	1%	68%	21%	1%	9%	1%		0%	0%		0%			100%

AM Volumes	3	404	119	1	47	7	0	0	2	0	1	0	0	584
% AM	0%	36%	11%	0%	4%	1%			0%		0%			53%
AM Peak Hour	07:00	08:00	09:00	08:00	08:00	05:00			06:00		10:00			08:00
Volume	2	77	24	1	11	2			1		1			109
PM Volumes	3	353	109	7	50	0	0	2	2	0	1	0	0	527
% PM	0%	32%	10%	1%	5%			0%	0%		0%			47%
PM Peak Hour	12:00	12:00	13:00	15:00	13:00			12:00	13:00		15:00			13:00
Volume	1	80	27	2	13			2	1		1			121

Directional Peak Periods	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	213	19%	234	21%	89	8%	575	52%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln Bet. Crown Point Cir & Brunswick Rd

Day: Friday
Date: 9/6/2019

City: Grass Valley
Project #: CA19_7288_011

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	2	0	0	0	0	0	0	0	0	0	0	0	2
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
03:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
04:00	0	13	3	0	2	0	0	0	0	0	0	0	0	18
05:00	0	27	3	0	0	4	0	0	0	0	0	0	0	34
06:00	1	54	23	0	4	2	0	0	1	0	0	0	0	85
07:00	2	102	39	1	16	1	0	0	1	0	0	0	0	162
08:00	0	124	32	1	23	3	0	0	0	0	0	0	0	183
09:00	0	108	50	0	9	1	0	0	0	0	0	0	0	168
10:00	1	122	39	1	18	3	0	1	2	0	1	0	0	188
11:00	2	148	61	0	9	4	0	0	1	0	0	0	0	225
12:00 PM	2	187	41	2	15	0	0	4	3	0	0	0	0	254
13:00	2	137	54	0	18	2	0	0	2	0	0	0	0	215
14:00	2	112	37	2	14	1	0	0	0	0	0	0	0	168
15:00	1	129	43	3	15	0	0	1	0	0	1	0	0	193
16:00	2	111	34	3	6	0	0	0	1	0	0	0	0	157
17:00	0	121	31	1	12	0	0	0	0	0	0	0	0	165
18:00	0	50	18	0	4	0	0	0	0	0	0	0	0	72
19:00	0	33	5	0	0	0	0	0	0	0	0	0	0	38
20:00	0	16	5	0	2	0	0	0	0	0	0	0	0	23
21:00	0	8	3	0	0	0	0	0	0	0	0	0	0	11
22:00	0	5	2	0	0	0	0	0	0	0	0	0	0	7
23:00	0	5	2	0	0	0	0	0	0	0	0	0	0	7
Totals	**15**	**1619**	**526**	**14**	**167**	**21**		**6**	**11**		**2**			**2381**
% of Totals	1%	68%	22%	1%	7%	1%		0%	0%		0%			100%

AM Volumes	6	705	251	3	81	18	0	1	5	0	1	0	0	1071
% AM	0%	30%	11%	0%	3%	1%		0%	0%		0%			45%
AM Peak Hour	07:00	11:00	11:00	07:00	08:00	05:00		10:00	10:00		10:00			11:00
Volume	2	148	61	1	23	4		1	2		1			225
PM Volumes	9	914	275	11	86	3	0	5	6	0	1	0	0	1310
% PM	0%	38%	12%	0%	4%	0%		0%	0%		0%			55%
PM Peak Hour	12:00	12:00	13:00	15:00	13:00	13:00		12:00	12:00		15:00			12:00
Volume	2	187	54	3	18	2		4	3		1			254

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	345		14%	469		20%	322		14%	1245		52%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Whispering Pines Ln Bet. Crown Point Cir & Brunswick Rd

Day: Saturday
Date: 9/7/2019

City: Grass Valley
Project #: CA19_7288_011

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	480	390	870

AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00	0	0	0	0		**12:00**	0	0	9	9	18
00:15	0	0	0	0		**12:15**	0	0	8	11	19
00:30	0	0	0	0		**12:30**	0	0	15	15	30
00:45	0	0	0	1 1	1 1	**12:45**	0	0	13 45	6 41	19 86
01:00	0	0	0	0		**13:00**	0	0	4	8	12
01:15	0	0	2	1	3	**13:15**	0	0	8	8	16
01:30	0	0	1	0	1	**13:30**	0	0	11	13	24
01:45	0	0	0 3	0 1	4	**13:45**	0	0	19 42	8 37	27 79
02:00	0	0	0	0		**14:00**	0	0	17	7	24
02:15	0	0	0	0		**14:15**	0	0	15	9	24
02:30	0	0	0	0		**14:30**	0	0	11	8	19
02:45	0	0	0	1 1	1 1	**14:45**	0	0	9 52	4 28	13 80
03:00	0	0	0	0		**15:00**	0	0	13	11	24
03:15	0	0	0	0		**15:15**	0	0	12	5	17
03:30	0	0	0	0		**15:30**	0	0	5	7	12
03:45	0	0	0	0		**15:45**	0	0	9 39	7 30	16 69
04:00	0	0	0	0		**16:00**	0	0	8	7	15
04:15	0	0	1	2	3	**16:15**	0	0	10	10	20
04:30	0	0	0	1	1	**16:30**	0	0	5	5	10
04:45	0	0	1 2	1 4	2 6	**16:45**	0	0	6 29	3 25	9 54
05:00	0	0	0	4	4	**17:00**	0	0	9	4	13
05:15	0	0	0	3	3	**17:15**	0	0	6	3	9
05:30	0	0	3	0	3	**17:30**	0	0	11	8	19
05:45	0	0	5 8	2 9	7 17	**17:45**	0	0	6 32	2 17	8 49
06:00	0	0	1	2	3	**18:00**	0	0	6	1	7
06:15	0	0	2	1	3	**18:15**	0	0	4	3	7
06:30	0	0	2	1	3	**18:30**	0	0	6	0	6
06:45	0	0	3 8	4 8	7 16	**18:45**	0	0	5 21	1 5	6 26
07:00	0	0	1	7	8	**19:00**	0	0	5	1	6
07:15	0	0	3	3	6	**19:15**	0	0	1	1	2
07:30	0	0	2	4	6	**19:30**	0	0	5	3	8
07:45	0	0	5 11	5 19	10 30	**19:45**	0	0	2 13	1 6	3 19
08:00	0	0	6	7	13	**20:00**	0	0	0	1	1
08:15	0	0	4	8	12	**20:15**	0	0	4	1	5
08:30	0	0	8	3	11	**20:30**	0	0	3	3	6
08:45	0	0	10 28	13 31	23 59	**20:45**	0	0	2 9	2 7	4 16
09:00	0	0	8	7	15	**21:00**	0	0	1	1	2
09:15	0	0	7	8	15	**21:15**	0	0	3	1	4
09:30	0	0	7	11	18	**21:30**	0	0	1	0	1
09:45	0	0	7 29	15 41	22 70	**21:45**	0	0	0 5	1 3	1 8
10:00	0	0	18	14	32	**22:00**	0	0	3	0	3
10:15	0	0	13	7	20	**22:15**	0	0	2	1	3
10:30	0	0	4	5	9	**22:30**	0	0	1	3	4
10:45	0	0	9 44	14 40	23 84	**22:45**	0	0	0 6	0 4	10
11:00	0	0	11	6	17	**23:00**	0	0	2	0	2
11:15	0	0	12	7	19	**23:15**	0	0	0	1	1
11:30	0	0	15	7	22	**23:30**	0	0	1	2	3
11:45	0	0	12 50	9 29	21 79	**23:45**	0	0	1 4	0 3	1 7
TOTALS			183	184	**367**	**TOTALS**			297	206	**503**
SPLIT %			49.9%	50.1%	**42.2%**	**SPLIT %**			59.0%	41.0%	**57.8%**

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	480	390	870

AM Peak Hour			11:00	09:15	**09:30**	**PM Peak Hour**			13:30	12:00	**13:30**
AM Pk Volume			50	48	**92**	**PM Pk Volume**			62	41	**99**
Pk Hr Factor			0.833	0.800	**0.719**	**Pk Hr Factor**			0.816	0.683	**0.917**
7 - 9 Volume	0	0	39	50	**89**	**4 - 6 Volume**	0	0	61	42	**103**
7 - 9 Peak Hour			08:00	08:00	**08:00**	**4 - 6 Peak Hour**			16:45	16:00	**16:00**
7 - 9 Pk Volume	0	0	28	31	**59**	**4 - 6 Pk Volume**	0	0	32	25	**54**
Pk Hr Factor	0.000	0.000	0.700	0.596	**0.641**	**Pk Hr Factor**	0.000	0.000	0.727	0.625	**0.675**

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln Bet. Crown Point Cir & Brunswick Rd

Day: Saturday
Date: 9/7/2019

City: Grass Valley
Project #: CA19_7288_011e

East Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	1	2	0	0	0	0	0	0	0	0	0	0	0	3
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	1	0	0	1	0	0	0	0	0	0	0	0	2
05:00	0	2	3	0	3	0	0	0	0	0	0	0	0	8
06:00	0	6	1	0	0	1	0	0	0	0	0	0	0	8
07:00	0	4	7	0	0	0	0	0	0	0	0	0	0	11
08:00	0	15	9	0	4	0	0	0	0	0	0	0	0	28
09:00	0	20	6	1	2	0	0	0	0	0	0	0	0	29
10:00	0	31	9	0	4	0	0	0	0	0	0	0	0	44
11:00	0	37	9	0	4	0	0	0	0	0	0	0	0	50
12:00 PM	0	34	8	0	3	0	0	0	0	0	0	0	0	45
13:00	2	30	10	0	0	0	0	0	0	0	0	0	0	42
14:00	1	37	11	0	3	0	0	0	0	0	0	0	0	52
15:00	0	26	11	0	2	0	0	0	0	0	0	0	0	39
16:00	0	24	4	0	0	1	0	0	0	0	0	0	0	29
17:00	2	19	10	0	1	0	0	0	0	0	0	0	0	32
18:00	0	18	2	0	1	0	0	0	0	0	0	0	0	21
19:00	0	13	0	0	0	0	0	0	0	0	0	0	0	13
20:00	0	9	0	0	0	0	0	0	0	0	0	0	0	9
21:00	0	5	0	0	0	0	0	0	0	0	0	0	0	5
22:00	0	4	2	0	0	0	0	0	0	0	0	0	0	6
23:00	0	2	2	0	0	0	0	0	0	0	0	0	0	4
Totals	**6**	**339**	**104**	**1**	**28**	**2**								**480**
% of Totals	1%	71%	22%	0%	6%	0%								100%

AM Volumes	1	118	44	1	18	1	0	0	0	0	0	0	0	183
% AM	0%	25%	9%	0%	4%	0%								38%
AM Peak Hour	01:00	11:00	08:00	09:00	08:00	06:00								11:00
Volume	1	37	9	1	4	1								50
PM Volumes	5	221	60	0	10	1	0	0	0	0	0	0	0	297
% PM	1%	46%	13%		2%	0%								62%
PM Peak Hour	13:00	14:00	14:00		12:00	16:00								14:00
Volume	2	37	11		3	1								52

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	39		8%	87		18%	61		13%	293		61%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln Bet. Crown Point Cir & Brunswick Rd

Day: Saturday
Date: 9/7/2019

City: Grass Valley
Project #: CA19_7288_011w

West Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
05:00	0	5	3	0	1	0	0	0	0	0	0	0	0	9
06:00	0	8	0	0	0	0	0	0	0	0	0	0	0	8
07:00	0	13	4	1	1	0	0	0	0	0	0	0	0	19
08:00	0	20	5	0	6	0	0	0	0	0	0	0	0	31
09:00	0	30	8	0	2	1	0	0	0	0	0	0	0	41
10:00	0	24	9	0	5	1	0	1	0	0	0	0	0	40
11:00	0	20	5	1	3	0	0	0	0	0	0	0	0	29
12:00 PM	0	27	11	0	3	0	0	0	0	0	0	0	0	41
13:00	1	25	5	0	6	0	0	0	0	0	0	0	0	37
14:00	0	15	11	0	2	0	0	0	0	0	0	0	0	28
15:00	0	25	4	0	1	0	0	0	0	0	0	0	0	30
16:00	0	13	7	0	4	1	0	0	0	0	0	0	0	25
17:00	1	14	2	0	0	0	0	0	0	0	0	0	0	17
18:00	0	4	1	0	0	0	0	0	0	0	0	0	0	5
19:00	0	4	1	0	1	0	0	0	0	0	0	0	0	6
20:00	0	6	1	0	0	0	0	0	0	0	0	0	0	7
21:00	0	1	2	0	0	0	0	0	0	0	0	0	0	3
22:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
23:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
Totals	**3**	**265**	**81**	**2**	**35**	**3**		**1**						**390**
% of Totals	1%	68%	21%	1%	9%	1%		0%						100%

AM Volumes	1	125	35	2	18	2	0	1	0	0	0	0	0	184
% AM	0%	32%	9%	1%	5%	1%		0%						47%
AM Peak Hour	01:00	09:00	10:00	07:00	08:00	09:00		10:00						09:00
Volume	1	30	9	1	6	1		1						41
PM Volumes	2	140	46	0	17	1	0	0	0	0	0	0	0	206
% PM	1%	36%	12%		4%	0%								53%
PM Peak Hour	13:00	12:00	12:00		13:00	16:00								12:00
Volume	1	27	11		6	1								41

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	50		13%	78		20%	42		11%	220		56%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln Bet. Crown Point Cir & Brunswick Rd

Day: Saturday
Date: 9/7/2019

City: Grass Valley
Project #: CA19_7288_011

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	2	2	0	0	0	0	0	0	0	0	0	0	0	4
02:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	4	1	0	1	0	0	0	0	0	0	0	0	6
05:00	0	7	6	0	4	0	0	0	0	0	0	0	0	17
06:00	0	14	1	0	0	1	0	0	0	0	0	0	0	16
07:00	0	17	11	1	1	0	0	0	0	0	0	0	0	30
08:00	0	35	14	0	10	0	0	0	0	0	0	0	0	59
09:00	0	50	14	1	4	1	0	0	0	0	0	0	0	70
10:00	0	55	18	0	9	1	0	1	0	0	0	0	0	84
11:00	0	57	14	1	7	0	0	0	0	0	0	0	0	79
12:00 PM	0	61	19	0	6	0	0	0	0	0	0	0	0	86
13:00	3	55	15	0	6	0	0	0	0	0	0	0	0	79
14:00	1	52	22	0	5	0	0	0	0	0	0	0	0	80
15:00	0	51	15	0	3	0	0	0	0	0	0	0	0	69
16:00	0	37	11	0	4	2	0	0	0	0	0	0	0	54
17:00	3	33	12	0	1	0	0	0	0	0	0	0	0	49
18:00	0	22	3	0	1	0	0	0	0	0	0	0	0	26
19:00	0	17	1	0	1	0	0	0	0	0	0	0	0	19
20:00	0	15	1	0	0	0	0	0	0	0	0	0	0	16
21:00	0	6	2	0	0	0	0	0	0	0	0	0	0	8
22:00	0	7	3	0	0	0	0	0	0	0	0	0	0	10
23:00	0	5	2	0	0	0	0	0	0	0	0	0	0	7
Totals	**9**	**604**	**185**	**3**	**63**	**5**		**1**						**870**
% of Totals	1%	69%	21%	0%	7%	1%		0%						100%

AM Volumes	2	243	79	3	36	3	0	1	0	0	0	0	0	367
% AM	0%	28%	9%	0%	4%	0%		0%						42%
AM Peak Hour	01:00	11:00	10:00	07:00	08:00	06:00		10:00						10:00
Volume	2	57	18	1	10	1		1						84
PM Volumes	7	361	106	0	27	2	0	0	0	0	0	0	0	503
% PM	1%	41%	12%		3%	0%								58%
PM Peak Hour	13:00	12:00	14:00		12:00	16:00								12:00
Volume	3	61	22		6	2								86

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	89	↔	10%	165	↔	19%	103	↔	12%	513	↔	59%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Whispering Pines Ln Bet. Crown Point Cir & Brunswick Rd

Day: Sunday
Date: 9/8/2019

City: Grass Valley
Project #: CA19_7288_011

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	326	269	595

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
00:00	0	0	0		0				**12:00**	0	0	18		5		23	
00:15	0	0	1		0		1		**12:15**	0	0	13		8		21	
00:30	0	0	0		0				**12:30**	0	0	10		5		15	
00:45	0	0	0	1	0			1	**12:45**	0	0	12	53	3	21	15	74
01:00	0	0	0		0				**13:00**	0	0	12		7		19	
01:15	0	0	0		0				**13:15**	0	0	5		7		12	
01:30	0	0	0		0				**13:30**	0	0	11		5		16	
01:45	0	0	1	1	0		1	1	**13:45**	0	0	4	32	6	25	10	57
02:00	0	0	0		0				**14:00**	0	0	5		7		12	
02:15	0	0	1		0		1		**14:15**	0	0	5		3		8	
02:30	0	0	0		0				**14:30**	0	0	3		5		8	
02:45	0	0	1	2	0		1	2	**14:45**	0	0	7	20	5	20	12	40
03:00	0	0	0		0				**15:00**	0	0	6		5		11	
03:15	0	0	0		0				**15:15**	0	0	6		5		11	
03:30	0	0	1		1		2		**15:30**	0	0	6		4		10	
03:45	0	0	0	1	0	1		2	**15:45**	0	0	2	20	6	20	8	40
04:00	0	0	0		0				**16:00**	0	0	10		5		15	
04:15	0	0	0		0				**16:15**	0	0	8		4		12	
04:30	0	0	0		0				**16:30**	0	0	6		5		11	
04:45	0	0	0		0				**16:45**	0	0	6	30	4	18	10	48
05:00	0	0	0		0				**17:00**	0	0	9		6		15	
05:15	0	0	0		0				**17:15**	0	0	8		9		17	
05:30	0	0	0		1		1		**17:30**	0	0	5		3		8	
05:45	0	0	0		1	2	1	2	**17:45**	0	0	3	25	1	19	4	44
06:00	0	0	1		1		2		**18:00**	0	0	6		3		9	
06:15	0	0	1		0		1		**18:15**	0	0	7		2		9	
06:30	0	0	0		0				**18:30**	0	0	5		3		8	
06:45	0	0	0	2	0	1		3	**18:45**	0	0	4	22	2	10	6	32
07:00	0	0	1		6		7		**19:00**	0	0	5		2		7	
07:15	0	0	1		2		3		**19:15**	0	0	4		2		6	
07:30	0	0	0		1		1		**19:30**	0	0	4		0		4	
07:45	0	0	1	3	2	11	3	14	**19:45**	0	0	4	17	0	4	4	21
08:00	0	0	1		0		1		**20:00**	0	0	3		3		6	
08:15	0	0	2		1		3		**20:15**	0	0	5		2		7	
08:30	0	0	1		3		4		**20:30**	0	0	0		1		1	
08:45	0	0	3	7	3	7	6	14	**20:45**	0	0	0	8	2	8	2	16
09:00	0	0	4		5		9		**21:00**	0	0	3		1		4	
09:15	0	0	3		8		11		**21:15**	0	0	2		1		3	
09:30	0	0	3		9		12		**21:30**	0	0	0		0			
09:45	0	0	5	15	13	35	18	50	**21:45**	0	0	1	6	0	2	1	8
10:00	0	0	6		13		19		**22:00**	0	0	1		1		2	
10:15	0	0	1		19		20		**22:15**	0	0	0		1		1	
10:30	0	0	3		10		13		**22:30**	0	0	0		1		1	
10:45	0	0	6	16	5	47	11	63	**22:45**	0	0	0	1	0	3		4
11:00	0	0	8		2		10		**23:00**	0	0	0		0			
11:15	0	0	5		3		8		**23:15**	0	0	0		0			
11:30	0	0	12		5		17		**23:30**	0	0	0		1		1	
11:45	0	0	18	43	4	14	22	57	**23:45**	0	0	1	1	0	1	1	2
TOTALS				91		118		**209**	**TOTALS**				235		151		**386**
SPLIT %				43.5%		56.5%		**35.1%**	**SPLIT %**				60.9%		39.1%		**64.9%**

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	326	269	595

AM Peak Hour				11:30		09:45		**11:30**	**PM Peak Hour**				12:00		13:00		**12:00**
AM Pk Volume				61		55		**83**	**PM Pk Volume**				53		25		**74**
Pk Hr Factor				0.847		0.724		**0.902**	**Pk Hr Factor**				0.736		0.893		**0.804**
7 - 9 Volume	0	0		10		18		**28**	**4 - 6 Volume**	0	0		55		37		**92**
7 - 9 Peak Hour				08:00		07:00		**07:00**	**4 - 6 Peak Hour**				16:00		16:30		**16:30**
7 - 9 Pk Volume	0	0		7		11		**14**	**4 - 6 Pk Volume**	0	0		30		24		**53**
Pk Hr Factor	0.000	0.000		0.583		0.458		**0.500**	**Pk Hr Factor**	0.000	0.000		0.750		0.667		**0.779**

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln Bet. Crown Point Cir & Brunswick Rd

Day: Sunday
Date: 9/8/2019

City: Grass Valley
Project #: CA19_7288_011e

East Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
07:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
08:00	0	4	3	0	0	0	0	0	0	0	0	0	0	7
09:00	0	10	3	0	2	0	0	0	0	0	0	0	0	15
10:00	0	12	1	2	1	0	0	0	0	0	0	0	0	16
11:00	2	30	11	0	0	0	0	0	0	0	0	0	0	43
12:00 PM	0	43	10	0	0	0	0	0	0	0	0	0	0	53
13:00	1	26	4	0	1	0	0	0	0	0	0	0	0	32
14:00	0	15	4	0	1	0	0	0	0	0	0	0	0	20
15:00	0	13	7	0	0	0	0	0	0	0	0	0	0	20
16:00	0	20	8	2	0	0	0	0	0	0	0	0	0	30
17:00	0	19	6	0	0	0	0	0	0	0	0	0	0	25
18:00	0	14	8	0	0	0	0	0	0	0	0	0	0	22
19:00	0	15	1	0	1	0	0	0	0	0	0	0	0	17
20:00	0	7	1	0	0	0	0	0	0	0	0	0	0	8
21:00	0	6	0	0	0	0	0	0	0	0	0	0	0	6
22:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Totals	**3**	**246**	**67**	**4**	**6**									**326**
% of Totals	1%	75%	21%	1%	2%									100%

AM Volumes	2	66	18	2	3	0	0	0	0	0	0	0	0	91
% AM	1%	20%	6%	1%	1%									28%
AM Peak Hour	11:00	11:00	11:00	10:00	09:00									11:00
Volume	2	30	11	2	2									43
PM Volumes	1	180	49	2	3	0	0	0	0	0	0	0	0	235
% PM	0%	55%	15%	1%	1%									72%
PM Peak Hour	13:00	12:00	12:00	16:00	13:00									12:00
Volume	1	43	10	2	1									53

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	10		3%	85		26%	55		17%	176		54%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln Bet. Crown Point Cir & Brunswick Rd

Day: Sunday
Date: 9/8/2019

City: Grass Valley
Project #: CA19_7288_011w

West Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
06:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
07:00	0	9	2	0	0	0	0	0	0	0	0	0	0	11
08:00	1	5	0	0	1	0	0	0	0	0	0	0	0	7
09:00	0	25	6	0	4	0	0	0	0	0	0	0	0	35
10:00	0	39	7	0	1	0	0	0	0	0	0	0	0	47
11:00	0	10	4	0	0	0	0	0	0	0	0	0	0	14
12:00 PM	2	11	7	1	0	0	0	0	0	0	0	0	0	21
13:00	1	15	7	0	2	0	0	0	0	0	0	0	0	25
14:00	0	16	4	0	0	0	0	0	0	0	0	0	0	20
15:00	1	11	6	0	2	0	0	0	0	0	0	0	0	20
16:00	0	13	4	0	1	0	0	0	0	0	0	0	0	18
17:00	0	16	3	0	0	0	0	0	0	0	0	0	0	19
18:00	0	7	1	0	2	0	0	0	0	0	0	0	0	10
19:00	0	2	1	1	0	0	0	0	0	0	0	0	0	4
20:00	0	4	3	0	1	0	0	0	0	0	0	0	0	8
21:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
22:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Totals	**5**	**191**	**57**	**2**	**14**									**269**
% of Totals	2%	71%	21%	1%	5%									100%

AM Volumes	1	91	20	0	6	0	0	0	0	0	0	0	0	118
% AM	0%	34%	7%		2%									44%
AM Peak Hour	08:00	10:00	10:00		09:00									10:00
Volume	1	39	7		4									47
PM Volumes	4	100	37	2	8	0	0	0	0	0	0	0	0	151
% PM	1%	37%	14%	1%	3%									56%
PM Peak Hour	12:00	14:00	12:00	12:00	13:00									13:00
Volume	2	16	7	1	2									25

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	18		7%	46		17%	37		14%	168		62%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln Bet. Crown Point Cir & Brunswick Rd

Day: Sunday
Date: 9/8/2019

City: Grass Valley
Project #: CA19_7288_011

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
03:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
06:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
07:00	0	12	2	0	0	0	0	0	0	0	0	0	0	14
08:00	1	9	3	0	1	0	0	0	0	0	0	0	0	14
09:00	0	35	9	0	6	0	0	0	0	0	0	0	0	50
10:00	0	51	8	2	2	0	0	0	0	0	0	0	0	63
11:00	2	40	15	0	0	0	0	0	0	0	0	0	0	57
12:00 PM	2	54	17	1	0	0	0	0	0	0	0	0	0	74
13:00	2	41	11	0	3	0	0	0	0	0	0	0	0	57
14:00	0	31	8	0	1	0	0	0	0	0	0	0	0	40
15:00	1	24	13	0	2	0	0	0	0	0	0	0	0	40
16:00	0	33	12	2	1	0	0	0	0	0	0	0	0	48
17:00	0	35	9	0	0	0	0	0	0	0	0	0	0	44
18:00	0	21	9	0	2	0	0	0	0	0	0	0	0	32
19:00	0	17	2	1	1	0	0	0	0	0	0	0	0	21
20:00	0	11	4	0	1	0	0	0	0	0	0	0	0	16
21:00	0	8	0	0	0	0	0	0	0	0	0	0	0	8
22:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
23:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Totals	**8**	**437**	**124**	**6**	**20**									**595**
% of Totals	1%	73%	21%	1%	3%									100%

AM Volumes	3	157	38	2	9	0	0	0	0	0	0	0	0	209
% AM	1%	26%	6%	0%	2%									35%
AM Peak Hour	11:00	10:00	11:00	10:00	09:00									10:00
Volume	2	51	15	2	6									63
PM Volumes	5	280	86	4	11	0	0	0	0	0	0	0	0	386
% PM	1%	47%	14%	1%	2%									65%
PM Peak Hour	12:00	12:00	12:00	16:00	13:00									12:00
Volume	2	54	17	2	3									74

Directional Peak Periods	AM 7-9			NOON 12-2			PM 4-6			Off Peak Volumes		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	28		5%	131		22%	92		15%	344		58%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Whispering Pines Ln Bet. Crown Point Cir & Brunswick Rd

Day: Monday
Date: 9/9/2019

City: Grass Valley
Project #: CA19_7288_011

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	1,364	1,217	2,581

AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00	0	0	0	1	1	**12:00**	0	0	41	18	59
00:15	0	0	0	0		**12:15**	0	0	35	27	62
00:30	0	0	0	0		**12:30**	0	0	24	24	48
00:45	0	0	0	0	1 1	**12:45**	0	0	17 117	30 99	47 216
01:00	0	0	0	0		**13:00**	0	0	25	26	51
01:15	0	0	0	1	1	**13:15**	0	0	25	30	55
01:30	0	0	0	0		**13:30**	0	0	26	16	42
01:45	0	0	0	0	1 1	**13:45**	0	0	21 97	33 105	54 202
02:00	0	0	0	0		**14:00**	0	0	15	18	33
02:15	0	0	0	0		**14:15**	0	0	25	15	40
02:30	0	0	0	0		**14:30**	0	0	35	24	59
02:45	0	0	0	0		**14:45**	0	0	25 100	30 87	55 187
03:00	0	0	0	1	1	**15:00**	0	0	30	29	59
03:15	0	0	0	0		**15:15**	0	0	21	30	51
03:30	0	0	0	0		**15:30**	0	0	49	26	75
03:45	0	0	2 2	0 1	2 3	**15:45**	0	0	37 137	34 119	71 256
04:00	0	0	0	1	1	**16:00**	0	0	36	23	59
04:15	0	0	4	1	5	**16:15**	0	0	33	24	57
04:30	0	0	1	1	2	**16:30**	0	0	47	19	66
04:45	0	0	0 5	2 5	2 10	**16:45**	0	0	31 147	12 78	43 225
05:00	0	0	0	2	2	**17:00**	0	0	58	21	79
05:15	0	0	4	5	9	**17:15**	0	0	44	15	59
05:30	0	0	2	2	4	**17:30**	0	0	39	14	53
05:45	0	0	3 9	17 26	20 35	**17:45**	0	0	24 165	8 58	32 223
06:00	0	0	2	10	12	**18:00**	0	0	17	3	20
06:15	0	0	1	6	7	**18:15**	0	0	8	6	14
06:30	0	0	7	13	20	**18:30**	0	0	20	8	28
06:45	0	0	16 26	23 52	39 78	**18:45**	0	0	11 56	17 34	28 90
07:00	0	0	21	16	37	**19:00**	0	0	8	8	16
07:15	0	0	8	16	24	**19:15**	0	0	4	4	8
07:30	0	0	16	35	51	**19:30**	0	0	5	3	8
07:45	0	0	13 58	30 97	43 155	**19:45**	0	0	2 19	8 23	10 42
08:00	0	0	22	34	56	**20:00**	0	0	8	5	13
08:15	0	0	14	27	41	**20:15**	0	0	5	4	9
08:30	0	0	18	25	43	**20:30**	0	0	19	3	22
08:45	0	0	20 74	32 118	52 192	**20:45**	0	0	5 37	0 12	5 49
09:00	0	0	18	34	52	**21:00**	0	0	4	0	4
09:15	0	0	25	21	46	**21:15**	0	0	4	1	5
09:30	0	0	17	27	44	**21:30**	0	0	2	0	2
09:45	0	0	26 86	25 107	51 193	**21:45**	0	0	2 12	0 1	2 13
10:00	0	0	26	24	50	**22:00**	0	0	2	1	3
10:15	0	0	22	24	46	**22:15**	0	0	0	1	1
10:30	0	0	18	24	42	**22:30**	0	0	2	0	2
10:45	0	0	16 82	26 98	42 180	**22:45**	0	0	2 6	0 2	2 8
11:00	0	0	27	27	54	**23:00**	0	0	0	0	
11:15	0	0	35	15	50	**23:15**	0	0	0	0	
11:30	0	0	28	18	46	**23:30**	0	0	0	1	1
11:45	0	0	37 127	31 91	68 218	**23:45**	0	0	2 2	1 2	3 4
TOTALS			469	597	**1066**	**TOTALS**			895	620	**1515**
SPLIT %			44.0%	56.0%	**41.3%**	**SPLIT %**			59.1%	40.9%	**58.7%**

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	1,364	1,217	2,581

AM Peak Hour			11:15	07:30	**11:45**	**PM Peak Hour**			16:30	15:00	**15:30**
AM Pk Volume			141	126	**237**	**PM Pk Volume**			180	119	**262**
Pk Hr Factor			0.860	0.900	**0.871**	**Pk Hr Factor**			0.776	0.875	**0.873**
7 - 9 Volume	0	0	132	215	**347**	**4 - 6 Volume**	0	0	312	136	**448**
7 - 9 Peak Hour			08:00	07:30	**08:00**	**4 - 6 Peak Hour**			16:30	16:00	**16:30**
7 - 9 Pk Volume	0	0	74	126	**192**	**4 - 6 Pk Volume**	0	0	180	78	**247**
Pk Hr Factor	0.000	0.000	0.841	0.900	**0.857**	**Pk Hr Factor**	0.000	0.000	0.776	0.813	**0.782**

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln Bet. Crown Point Cir & Brunswick Rd

Day: Monday
Date: 9/9/2019

City: Grass Valley
Project #: CA19_7288_011e

East Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
04:00	0	2	2	0	1	0	0	0	0	0	0	0	0	5
05:00	0	5	1	0	2	1	0	0	0	0	0	0	0	9
06:00	0	12	6	0	4	1	0	0	1	0	2	0	0	26
07:00	0	37	16	0	5	0	0	0	0	0	0	0	0	58
08:00	0	43	24	0	6	0	0	0	0	0	1	0	0	74
09:00	0	58	25	0	3	0	0	0	0	0	0	0	0	86
10:00	1	49	22	1	8	1	0	0	0	0	0	0	0	82
11:00	1	79	37	1	5	4	0	0	0	0	0	0	0	127
12:00 PM	1	82	29	0	4	1	0	0	0	0	0	0	0	117
13:00	1	65	19	0	9	2	0	1	0	0	0	0	0	97
14:00	1	64	22	0	9	2	0	0	2	0	0	0	0	100
15:00	0	90	36	1	5	5	0	0	0	0	0	0	0	137
16:00	3	104	36	1	3	0	0	0	0	0	0	0	0	147
17:00	2	122	38	0	3	0	0	0	0	0	0	0	0	165
18:00	1	42	8	2	3	0	0	0	0	0	0	0	0	56
19:00	0	14	4	0	0	0	0	1	0	0	0	0	0	19
20:00	0	30	6	1	0	0	0	0	0	0	0	0	0	37
21:00	0	11	1	0	0	0	0	0	0	0	0	0	0	12
22:00	0	4	2	0	0	0	0	0	0	0	0	0	0	6
23:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Totals	**11**	**916**	**335**	**7**	**70**	**17**		**2**	**3**		**3**			**1364**
% of Totals	1%	67%	25%	1%	5%	1%		0%	0%		0%			100%

AM Volumes	2	286	134	2	34	7	0	0	1	0	3	0	0	469
% AM	0%	21%	10%	0%	2%	1%			0%		0%			34%
AM Peak Hour	10:00	11:00	11:00	10:00	10:00	11:00			06:00		06:00			11:00
Volume	1	79	37	1	8	4			1		2			127
PM Volumes	9	630	201	5	36	10	0	2	2	0	0	0	0	895
% PM	1%	46%	15%	0%	3%	1%		0%	0%					66%
PM Peak Hour	16:00	17:00	17:00	18:00	13:00	15:00		13:00	14:00					17:00
Volume	3	122	38	2	9	5		1	2					165

Directional Peak Periods All Classes	AM 7-9 Volume	↔	%	NOON 12-2 Volume	↔	%	PM 4-6 Volume	↔	%	Off Peak Volumes Volume	↔	%
	132	↔	10%	214	↔	16%	312	↔	23%	706	↔	52%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln Bet. Crown Point Cir & Brunswick Rd

Day: Monday
Date: 9/9/2019

City: Grass Valley
Project #: CA19_7288_011w

West Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	0	1	0	0	0	0	0	0	0	0	0	0	1
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	4	1	0	0	0	0	0	0	0	0	0	0	5
05:00	0	18	4	0	3	1	0	0	0	0	0	0	0	26
06:00	2	36	10	0	4	0	0	0	0	0	0	0	0	52
07:00	0	73	18	0	6	0	0	0	0	0	0	0	0	97
08:00	1	81	26	0	10	0	0	0	0	0	0	0	0	118
09:00	0	66	29	0	11	1	0	0	0	0	0	0	0	107
10:00	1	59	30	0	7	1	0	0	0	0	0	0	0	98
11:00	1	59	23	0	6	2	0	0	0	0	0	0	0	91
12:00 PM	3	63	26	1	5	0	0	1	0	0	0	0	0	99
13:00	0	70	24	2	9	0	0	0	0	0	0	0	0	105
14:00	0	58	23	0	4	1	0	0	1	0	0	0	0	87
15:00	0	83	24	0	11	1	0	0	0	0	0	0	0	119
16:00	0	55	19	1	3	0	0	0	0	0	0	0	0	78
17:00	0	41	12	1	4	0	0	0	0	0	0	0	0	58
18:00	0	27	6	0	1	0	0	0	0	0	0	0	0	34
19:00	0	16	4	2	1	0	0	0	0	0	0	0	0	23
20:00	0	7	5	0	0	0	0	0	0	0	0	0	0	12
21:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
22:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
23:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Totals	**8**	**823**	**285**	**7**	**85**	**7**		**1**	**1**					**1217**
% of Totals	1%	68%	23%	1%	7%	1%		0%	0%					100%

AM Volumes	5	398	142	0	47	5	0	0	0	0	0	0	0	597
% AM	0%	33%	12%		4%	0%								49%
AM Peak Hour	06:00	08:00	10:00		09:00	11:00								08:00
Volume	2	81	30		11	2								118
PM Volumes	3	425	143	7	38	2	0	1	1	0	0	0	0	620
% PM	0%	35%	12%	1%	3%	0%		0%	0%					51%
PM Peak Hour	12:00	15:00	12:00	13:00	15:00	14:00		12:00	14:00					15:00
Volume	3	83	26	2	11	1		1	1					119

Directional Peak Periods All Classes	AM 7-9 Volume	↔	%	NOON 12-2 Volume	↔	%	PM 4-6 Volume	↔	%	Off Peak Volumes Volume	↔	%
	215	↔	18%	204	↔	17%	136	↔	11%	662	↔	54%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln Bet. Crown Point Cir & Brunswick Rd

Day: Monday
Date: 9/9/2019

City: Grass Valley
Project #: CA19_7288_011

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	0	1	0	0	0	0	0	0	0	0	0	0	1
01:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
04:00	0	6	3	0	1	0	0	0	0	0	0	0	0	10
05:00	0	23	5	0	5	2	0	0	0	0	0	0	0	35
06:00	2	48	16	0	8	1	0	0	1	0	2	0	0	78
07:00	0	110	34	0	11	0	0	0	0	0	0	0	0	155
08:00	1	124	50	0	16	0	0	0	0	0	1	0	0	192
09:00	0	124	54	0	14	1	0	0	0	0	0	0	0	193
10:00	2	108	52	1	15	2	0	0	0	0	0	0	0	180
11:00	2	138	60	1	11	6	0	0	0	0	0	0	0	218
12:00 PM	4	145	55	1	9	1	0	1	0	0	0	0	0	216
13:00	1	135	43	2	18	2	0	1	0	0	0	0	0	202
14:00	1	122	45	0	13	3	0	0	3	0	0	0	0	187
15:00	0	173	60	1	16	6	0	0	0	0	0	0	0	256
16:00	3	159	55	2	6	0	0	0	0	0	0	0	0	225
17:00	2	163	50	1	7	0	0	0	0	0	0	0	0	223
18:00	1	69	14	2	4	0	0	0	0	0	0	0	0	90
19:00	0	30	8	2	1	0	0	1	0	0	0	0	0	42
20:00	0	37	11	1	0	0	0	0	0	0	0	0	0	49
21:00	0	12	1	0	0	0	0	0	0	0	0	0	0	13
22:00	0	6	2	0	0	0	0	0	0	0	0	0	0	8
23:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
Totals	**19**	**1739**	**620**	**14**	**155**	**24**		**3**	**4**		**3**			**2581**
% of Totals	1%	67%	24%	1%	6%	1%		0%	0%		0%			100%

AM Volumes	7	684	276	2	81	12	0	0	1	0	3	0	0	1066
% AM	0%	27%	11%	0%	3%	0%			0%		0%			41%
AM Peak Hour	06:00	11:00	11:00	10:00	08:00	11:00			06:00		06:00			11:00
Volume	2	138	60	1	16	6			1		2			218
PM Volumes	12	1055	344	12	74	12	0	3	3	0	0	0	0	1515
% PM	0%	41%	13%	0%	3%	0%		0%	0%					59%
PM Peak Hour	12:00	15:00	15:00	13:00	13:00	15:00		12:00	14:00					15:00
Volume	4	173	60	2	18	6		1	3					256

Directional Peak Periods	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	347	13%	418	16%	448	17%	1368	53%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by NDS/ATD

Prepared by National Data & Surveying Services

VOLUME

Whispering Pines Ln Bet. Crown Point Cir & Brunswick Rd

Day: Tuesday
Date: 9/10/2019

City: Grass Valley
Project #: CA19_7288_011

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	1,286	1,174	2,460

AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00	0	0	0	0		**12:00**	0	0	32	14	46
00:15	0	0	0	1	1	**12:15**	0	0	37	31	68
00:30	0	0	0	0		**12:30**	0	0	28	19	47
00:45	0	0	0	0	1	**12:45**	0	0	14	111 29 93	43 204
01:00	0	0	0	0		**13:00**	0	0	29	26	55
01:15	0	0	0	0		**13:15**	0	0	30	32	62
01:30	0	0	0	0		**13:30**	0	0	23	11	34
01:45	0	0	0	0		**13:45**	0	0	23	105 30 99	53 204
02:00	0	0	0	0		**14:00**	0	0	14	18	32
02:15	0	0	0	0		**14:15**	0	0	21	15	36
02:30	0	0	0	0		**14:30**	0	0	33	26	59
02:45	0	0	0	0		**14:45**	0	0	28	96 29 88	57 184
03:00	0	0	0	0		**15:00**	0	0	28	33	61
03:15	0	0	0	1	1	**15:15**	0	0	16	24	40
03:30	0	0	1	0	1	**15:30**	0	0	51	25	76
03:45	0	0	2	3 0 1	2 4	**15:45**	0	0	35	130 30 112	65 242
04:00	0	0	0	0		**16:00**	0	0	35	18	53
04:15	0	0	1	2	3	**16:15**	0	0	37	23	60
04:30	0	0	1	2	3	**16:30**	0	0	50	25	75
04:45	0	0	1	3 1 5	2 8	**16:45**	0	0	24	146 14 80	38 226
05:00	0	0	0	3	3	**17:00**	0	0	62	17	79
05:15	0	0	1	2	3	**17:15**	0	0	44	10	54
05:30	0	0	2	2	4	**17:30**	0	0	35	20	55
05:45	0	0	1	4 11 18	12 22	**17:45**	0	0	25	166 14 61	39 227
06:00	0	0	3	9	12	**18:00**	0	0	14	4	18
06:15	0	0	2	7	9	**18:15**	0	0	5	3	8
06:30	0	0	7	10	17	**18:30**	0	0	16	5	21
06:45	0	0	15	27 21 47	36 74	**18:45**	0	0	10	45 19 31	29 76
07:00	0	0	21	14	35	**19:00**	0	0	10	10	20
07:15	0	0	5	12	17	**19:15**	0	0	3	2	5
07:30	0	0	12	33	45	**19:30**	0	0	9	2	11
07:45	0	0	17	55 28 87	45 142	**19:45**	0	0	1	23 9 23	10 46
08:00	0	0	17	36	53	**20:00**	0	0	6	1	7
08:15	0	0	13	24	37	**20:15**	0	0	6	3	9
08:30	0	0	17	26	43	**20:30**	0	0	14	1	15
08:45	0	0	18	65 34 120	52 185	**20:45**	0	0	0	26 0 5	31
09:00	0	0	21	30	51	**21:00**	0	0	7	1	8
09:15	0	0	22	21	43	**21:15**	0	0	3	2	5
09:30	0	0	18	27	45	**21:30**	0	0	2	0	2
09:45	0	0	23	84 27 105	50 189	**21:45**	0	0	0	12 1 4	1 16
10:00	0	0	22	20	42	**22:00**	0	0	1	2	3
10:15	0	0	16	21	37	**22:15**	0	0	1	2	3
10:30	0	0	17	26	43	**22:30**	0	0	0	0	
10:45	0	0	13	68 23 90	36 158	**22:45**	0	0	3	5 0 4	3 9
11:00	0	0	15	29	44	**23:00**	0	0	0	1	1
11:15	0	0	36	20	56	**23:15**	0	0	0	0	
11:30	0	0	22	16	38	**23:30**	0	0	1	2	3
11:45	0	0	37	110 30 95	67 205	**23:45**	0	0	1	2 2 5	3 7
TOTALS				419 569	**988**	**TOTALS**				867 605	**1472**
SPLIT %				42.4% 57.6%	**40.2%**	**SPLIT %**				58.9% 41.1%	**59.8%**

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	1,286	1,174	2,460

AM Peak Hour			11:45	07:30	**11:45**	**PM Peak Hour**			16:30	14:30	**15:30**
AM Pk Volume			134	121	**228**	**PM Pk Volume**			180	112	**254**
Pk Hr Factor			0.905	0.840	**0.838**	**Pk Hr Factor**			0.726	0.848	**0.836**
7 - 9 Volume	0	0	120	207	**327**	**4 - 6 Volume**	0	0	312	141	**453**
7 - 9 Peak Hour			08:00	07:30	**08:00**	**4 - 6 Peak Hour**			16:30	16:00	**16:15**
7 - 9 Pk Volume	0	0	65	121	**185**	**4 - 6 Pk Volume**	0	0	180	80	**252**
Pk Hr Factor	0.000	0.000	0.903	0.840	**0.873**	**Pk Hr Factor**	0.000	0.000	0.726	0.800	**0.797**

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln Bet. Crown Point Cir & Brunswick Rd

Day: Tuesday
Date: 9/10/2019

City: Grass Valley
Project #: CA19_7288_011e

East Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
04:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
05:00	0	2	1	0	1	0	0	0	0	0	0	0	0	4
06:00	0	14	8	0	5	0	0	0	0	0	0	0	0	27
07:00	0	37	14	1	3	0	0	0	0	0	0	0	0	55
08:00	1	38	21	0	4	1	0	0	0	0	0	0	0	65
09:00	0	59	18	1	4	2	0	0	0	0	0	0	0	84
10:00	1	40	23	0	3	1	0	0	0	0	0	0	0	68
11:00	0	74	31	1	3	1	0	0	0	0	0	0	0	110
12:00 PM	1	74	29	0	6	1	0	0	0	0	0	0	0	111
13:00	1	76	17	1	10	0	0	0	0	0	0	0	0	105
14:00	0	65	24	0	7	0	0	0	0	0	0	0	0	96
15:00	0	96	31	0	1	2	0	0	0	0	0	0	0	130
16:00	2	109	33	1	1	0	0	0	0	0	0	0	0	146
17:00	0	125	36	0	4	1	0	0	0	0	0	0	0	166
18:00	1	35	4	1	4	0	0	0	0	0	0	0	0	45
19:00	0	17	3	0	3	0	0	0	0	0	0	0	0	23
20:00	0	22	3	0	1	0	0	0	0	0	0	0	0	26
21:00	0	10	2	0	0	0	0	0	0	0	0	0	0	12
22:00	0	1	4	0	0	0	0	0	0	0	0	0	0	5
23:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Totals	**7**	**902**	**302**	**6**	**60**	**9**								**1286**
% of Totals	1%	70%	23%	0%	5%	1%								100%

AM Volumes	2	270	116	3	23	5	0	0	0	0	0	0	0	419
% AM	0%	21%	9%	0%	2%	0%								33%
AM Peak Hour	08:00	11:00	11:00	07:00	06:00	09:00								11:00
Volume	1	74	31	1	5	2								110
PM Volumes	5	632	186	3	37	4	0	0	0	0	0	0	0	867
% PM	0%	49%	14%	0%	3%	0%								67%
PM Peak Hour	16:00	17:00	17:00	13:00	13:00	15:00								17:00
Volume	2	125	36	1	10	2								166

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%	Volume	⟷	%
	120		9%	216		17%	312		24%	638		50%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln Bet. Crown Point Cir & Brunswick Rd

Day: Tuesday
Date: 9/10/2019

City: Grass Valley
Project #: CA19_7288_011w

West Bound

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
04:00	0	5	0	0	0	0	0	0	0	0	0	0	0	5
05:00	0	15	1	0	2	0	0	0	0	0	0	0	0	18
06:00	0	32	9	0	6	0	0	0	0	0	0	0	0	47
07:00	1	65	15	0	6	0	0	0	0	0	0	0	0	87
08:00	0	88	25	1	5	1	0	0	0	0	0	0	0	120
09:00	0	68	30	0	7	0	0	0	0	0	0	0	0	105
10:00	1	58	26	0	5	0	0	0	0	0	0	0	0	90
11:00	0	63	23	1	7	1	0	0	0	0	0	0	0	95
12:00 PM	0	67	22	0	4	0	0	0	0	0	0	0	0	93
13:00	1	64	25	0	9	0	0	0	0	0	0	0	0	99
14:00	0	62	20	1	4	1	0	0	0	0	0	0	0	88
15:00	1	79	26	0	6	0	0	0	0	0	0	0	0	112
16:00	0	53	24	1	2	0	0	0	0	0	0	0	0	80
17:00	0	48	7	0	5	1	0	0	0	0	0	0	0	61
18:00	1	20	5	0	5	0	0	0	0	0	0	0	0	31
19:00	0	16	3	1	3	0	0	0	0	0	0	0	0	23
20:00	0	2	2	0	1	0	0	0	0	0	0	0	0	5
21:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
22:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
23:00	0	5	0	0	0	0	0	0	0	0	0	0	0	5
Totals	**5**	**819**	**264**	**5**	**77**	**4**								**1174**
% of Totals	0%	70%	22%	0%	7%	0%								100%

AM Volumes	2	396	129	2	38	2	0	0	0	0	0	0	0	569
% AM	0%	34%	11%	0%	3%	0%								48%
AM Peak Hour	07:00	08:00	09:00	08:00	09:00	08:00								08:00
Volume	1	88	30	1	7	1								120
PM Volumes	3	423	135	3	39	2	0	0	0	0	0	0	0	605
% PM	0%	36%	11%	0%	3%	0%								52%
PM Peak Hour	13:00	15:00	15:00	14:00	13:00	14:00								15:00
Volume	1	79	26	1	9	1								112

Directional Peak Periods	**AM 7-9**			**NOON 12-2**			**PM 4-6**			**Off Peak Volumes**		
All Classes	Volume	↔	%	Volume	↔	%	Volume	↔	%	Volume	↔	%
	207		18%	192		16%	141		12%	634		54%

Classification Definitions

1 Motorcycles
2 Passenger Cars
3 2-Axle, 4-Tire Single Units
4 Buses
5 2-Axle, 6-Tire Single Units
6 3-Axle Single Units
7 > =4-Axle Single Units
8 <=4-Axle Single Trailers
9 5-Axle Single Trailers
10 >=6-Axle Single Trailers
11 <=5-Axle Multi-Trailers
12 6-Axle Multi-Trailers
13 >=7-Axle Multi-Trailers

Prepared by National Data & Surveying Services

CLASSIFICATION

Whispering Pines Ln Bet. Crown Point Cir & Brunswick Rd

Day: Tuesday
Date: 9/10/2019

City: Grass Valley
Project #: CA19_7288_011

Summary

Time	# 1	# 2	# 3	# 4	# 5	# 6	# 7	# 8	# 9	# 10	# 11	# 12	# 13	Total
00:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
04:00	0	8	0	0	0	0	0	0	0	0	0	0	0	8
05:00	0	17	2	0	3	0	0	0	0	0	0	0	0	22
06:00	0	46	17	0	11	0	0	0	0	0	0	0	0	74
07:00	1	102	29	1	9	0	0	0	0	0	0	0	0	142
08:00	1	126	46	1	9	2	0	0	0	0	0	0	0	185
09:00	0	127	48	1	11	2	0	0	0	0	0	0	0	189
10:00	2	98	49	0	8	1	0	0	0	0	0	0	0	158
11:00	0	137	54	2	10	2	0	0	0	0	0	0	0	205
12:00 PM	1	141	51	0	10	1	0	0	0	0	0	0	0	204
13:00	2	140	42	1	19	0	0	0	0	0	0	0	0	204
14:00	0	127	44	1	11	1	0	0	0	0	0	0	0	184
15:00	1	175	57	0	7	2	0	0	0	0	0	0	0	242
16:00	2	162	57	2	3	0	0	0	0	0	0	0	0	226
17:00	0	173	43	0	9	2	0	0	0	0	0	0	0	227
18:00	2	55	9	1	9	0	0	0	0	0	0	0	0	76
19:00	0	33	6	1	6	0	0	0	0	0	0	0	0	46
20:00	0	24	5	0	2	0	0	0	0	0	0	0	0	31
21:00	0	13	3	0	0	0	0	0	0	0	0	0	0	16
22:00	0	5	4	0	0	0	0	0	0	0	0	0	0	9
23:00	0	7	0	0	0	0	0	0	0	0	0	0	0	7
Totals	**12**	**1721**	**566**	**11**	**137**	**13**								**2460**
% of Totals	0%	70%	23%	0%	6%	1%								100%

AM Volumes	4	666	245	5	61	7	0	0	0	0	0	0	0	988
% AM	0%	27%	10%	0%	2%	0%								40%
AM Peak Hour	10:00	11:00	11:00	11:00	06:00	08:00								11:00
Volume	2	137	54	2	11	2								205
PM Volumes	8	1055	321	6	76	6	0	0	0	0	0	0	0	1472
% PM	0%	43%	13%	0%	3%	0%								60%
PM Peak Hour	13:00	15:00	15:00	16:00	13:00	15:00								15:00
Volume	2	175	57	2	19	2								242

Directional Peak Periods	AM 7-9		NOON 12-2		PM 4-6		Off Peak Volumes	
All Classes	Volume	%	Volume	%	Volume	%	Volume	%
	327	13%	408	17%	453	18%	1272	52%

Classification Definitions

1 Motorcycles	**4** Buses	**7** > =4-Axle Single Units	**10** >=6-Axle Single Trailers	**13** >=7-Axle Multi-Trailers
2 Passenger Cars	**5** 2-Axle, 6-Tire Single Units	**8** <=4-Axle Single Trailers	**11** <=5-Axle Multi-Trailers	
3 2-Axle, 4-Tire Single Units	**6** 3-Axle Single Units	**9** 5-Axle Single Trailers	**12** 6-Axle Multi-Trailers	

Prepared by National Data & Surveying Services

VOLUME

Brunswick Rd Bet. SR 174 & Project Dwy

Day: Tuesday
Date: 8/27/2019

City: Grass Valley
Project #: CA19_7289_004

DAILY TOTALS	NB	SB	EB	WB	Total
	4,647	4,744	0	0	9,391

AM Period	NB		SB		EB		WB		TOTAL	
00:00	2		2						4	
00:15	5		2						7	
00:30	1		4						5	
00:45	3	11	4	12					7	23
01:00	1		0						1	
01:15	0		1						1	
01:30	2		1						3	
01:45	0	3	0	2					0	5
02:00	3		0						3	
02:15	1		1						2	
02:30	1		0						1	
02:45	0	5	2	3					2	8
03:00	0		0						0	
03:15	4		0						4	
03:30	0		0						0	
03:45	4	8	6	6					10	14
04:00	1		0						1	
04:15	5		2						7	
04:30	6		4						10	
04:45	9	21	3	9					12	30
05:00	15		4						19	
05:15	12		8						20	
05:30	30		8						38	
05:45	52	109	9	29					61	138
06:00	28		14						42	
06:15	46		22						68	
06:30	60		26						86	
06:45	78	212	31	93					109	305
07:00	59		30						89	
07:15	106		59						165	
07:30	107		55						162	
07:45	142	414	49	193					191	607
08:00	122		64						186	
08:15	121		69						190	
08:30	122		80						202	
08:45	100	465	67	280					167	745
09:00	78		59						137	
09:15	69		62						131	
09:30	71		52						123	
09:45	84	302	73	246					157	548
10:00	71		57						128	
10:15	88		51						139	
10:30	69		55						124	
10:45	80	308	47	210					127	518
11:00	84		69						153	
11:15	71		84						155	
11:30	86		73						159	
11:45	86	327	87	313					173	640
TOTALS		2185		1396						3581
SPLIT %		61.0%		39.0%						38.1%

PM Period	NB		SB		EB		WB		TOTAL	
12:00	78		79						157	
12:15	57		85						142	
12:30	82		89						171	
12:45	90	307	69	322					159	629
13:00	56		76						132	
13:15	82		69						151	
13:30	105		93						198	
13:45	76	319	98	336					174	655
14:00	84		82						166	
14:15	80		82						162	
14:30	75		99						174	
14:45	71	310	103	366					174	676
15:00	72		103						175	
15:15	91		101						192	
15:30	96		111						207	
15:45	88	347	103	418					191	765
16:00	93		102						195	
16:15	93		118						211	
16:30	72		114						186	
16:45	79	337	131	465					210	802
17:00	95		142						237	
17:15	93		177						270	
17:30	68		144						212	
17:45	60	316	80	543					140	859
18:00	51		83						134	
18:15	51		66						117	
18:30	48		78						126	
18:45	56	206	64	291					120	497
19:00	42		57						99	
19:15	18		70						88	
19:30	24		66						90	
19:45	30	114	58	251					88	365
20:00	18		75						93	
20:15	26		56						82	
20:30	20		25						45	
20:45	17	81	34	190					51	271
21:00	23		28						51	
21:15	19		28						47	
21:30	19		13						32	
21:45	12	73	13	82					25	155
22:00	9		22						31	
22:15	13		10						23	
22:30	9		16						25	
22:45	7	38	12	60					19	98
23:00	3		8						11	
23:15	2		9						11	
23:30	7		4						11	
23:45	2	14	3	24					5	38
TOTALS		2462		3348						5810
SPLIT %		42.4%		57.6%						61.9%

DAILY TOTALS	NB	SB	EB	WB	Total
	4,647	4,744	0	0	9,391

AM Peak Hour	07:45	11:45								07:45
AM Pk Volume	507	340								769
Pk Hr Factor	0.893	0.955								0.952
7 - 9 Volume	879	473	0		0					1352
7 - 9 Peak Hour	07:45	08:00								07:45
7 - 9 Pk Volume	507	280	0		0					769
Pk Hr Factor	0.893	0.875	0.000		0.000					0.952

PM Peak Hour	15:30	16:45								16:45
PM Pk Volume	370	594								929
Pk Hr Factor	0.964	0.839								0.860
4 - 6 Volume	653	1008	0		0					1661
4 - 6 Peak Hour	16:15	16:45								16:45
4 - 6 Pk Volume	339	594	0		0					929
Pk Hr Factor	0.892	0.839	0.000		0.000					0.860

Prepared by National Data & Surveying Services

VOLUME

Brunswick Rd Bet. SR 174 & Project Dwy

Day: Wednesday
Date: 8/28/2019

City: Grass Valley
Project #: CA19_7289_004

DAILY TOTALS	NB	SB	EB	WB	Total
	4,673	4,667	0	0	9,340

AM Period	NB		SB		EB	WB	TOTAL		PM Period	NB		SB		EB	WB	TOTAL	
00:00	2		2				4		**12:00**	74		81				155	
00:15	3		5				8		**12:15**	78		74				152	
00:30	4		2				6		**12:30**	75		94				169	
00:45	0	9	4	13			4	22	**12:45**	96	323	79	328			175	651
01:00	0		1				1		**13:00**	84		69				153	
01:15	1		1				2		**13:15**	77		66				143	
01:30	1		1				2		**13:30**	80		85				165	
01:45	2	4	3	6			5	10	**13:45**	79	320	90	310			169	630
02:00	3		0				3		**14:00**	65		92				157	
02:15	1		2				3		**14:15**	66		84				150	
02:30	2		0				2		**14:30**	84		104				188	
02:45	2	8	1	3			3	11	**14:45**	73	288	89	369			162	657
03:00	2		0				2		**15:00**	82		103				185	
03:15	4		2				6		**15:15**	101		94				195	
03:30	3		1				4		**15:30**	68		117				185	
03:45	4	13	5	8			9	21	**15:45**	87	338	124	438			211	776
04:00	1		2				3		**16:00**	107		118				225	
04:15	8		2				10		**16:15**	93		105				198	
04:30	3		1				4		**16:30**	96		144				240	
04:45	14	26	1	6			15	32	**16:45**	80	376	129	496			209	872
05:00	11		2				13		**17:00**	85		134				219	
05:15	16		8				24		**17:15**	81		134				215	
05:30	37		10				47		**17:30**	75		102				177	
05:45	50	114	17	37			67	151	**17:45**	62	303	92	462			154	765
06:00	16		13				29		**18:00**	54		82				136	
06:15	53		24				77		**18:15**	60		74				134	
06:30	65		36				101		**18:30**	48		79				127	
06:45	79	213	43	116			122	329	**18:45**	52	214	89	324			141	538
07:00	50		31				81		**19:00**	46		64				110	
07:15	85		44				129		**19:15**	35		57				92	
07:30	122		42				164		**19:30**	27		59				86	
07:45	145	402	42	159			187	561	**19:45**	21	129	41	221			62	350
08:00	127		74				201		**20:00**	39		47				86	
08:15	122		64				186		**20:15**	24		49				73	
08:30	112		52				164		**20:30**	28		38				66	
08:45	102	463	62	252			164	715	**20:45**	15	106	38	172			53	278
09:00	83		59				142		**21:00**	13		40				53	
09:15	72		75				147		**21:15**	12		27				39	
09:30	66		64				130		**21:30**	12		20				32	
09:45	95	316	50	248			145	564	**21:45**	11	48	19	106			30	154
10:00	76		60				136		**22:00**	15		13				28	
10:15	78		48				126		**22:15**	10		10				20	
10:30	55		55				110		**22:30**	8		9				17	
10:45	74	283	53	216			127	499	**22:45**	5	38	9	41			14	79
11:00	87		80				167		**23:00**	4		8				12	
11:15	70		75				145		**23:15**	6		6				12	
11:30	79		85				164		**23:30**	4		3				7	
11:45	85	321	77	317			162	638	**23:45**	4	18	2	19			6	37
TOTALS		2172		1381				**3553**	**TOTALS**		2501		3286				**5787**
SPLIT %		61.1%		38.9%				**38.0%**	**SPLIT %**		43.2%		56.8%				**62.0%**

DAILY TOTALS	NB	SB	EB	WB	Total
	4,673	4,667	0	0	9,340

AM Peak Hour	07:30		11:45					**07:30**	**PM Peak Hour**	15:45		16:30					**16:30**
AM Pk Volume	516		326					**738**	**PM Pk Volume**	383		541					**883**
Pk Hr Factor	0.890		0.867					**0.918**	**Pk Hr Factor**	0.895		0.939					**0.920**
7 - 9 Volume	865		411		0		0	**1276**	**4 - 6 Volume**	679		958		0		0	**1637**
7 - 9 Peak Hour	07:30		08:00					**07:30**	**4 - 6 Peak Hour**	16:00		16:30					**16:30**
7 - 9 Pk Volume	516		252		0		0	**738**	**4 - 6 Pk Volume**	376		541		0		0	**883**
Pk Hr Factor	0.890		0.851		0.000		0.000	**0.918**	**Pk Hr Factor**	0.879		0.939		0.000		0.000	**0.920**

Prepared by National Data & Surveying Services

VOLUME

Brunswick Rd Bet. SR 174 & Project Dwy

Day: Thursday
Date: 8/29/2019

City: Grass Valley
Project #: CA19_7289_004

DAILY TOTALS	NB	SB	EB	WB	Total
	4,700	4,824	0	0	9,524

AM Period	NB		SB		EB		WB		TOTAL		PM Period	NB		SB		EB		WB		TOTAL	
00:00	2		12						14		**12:00**	77		84						161	
00:15	2		3						5		**12:15**	77		87						164	
00:30	5		0						5		**12:30**	72		86						158	
00:45	0	9	4	19					4	28	**12:45**	74	300	63	320					137	620
01:00	1		1						2		**13:00**	73		72						145	
01:15	1		1						2		**13:15**	86		72						158	
01:30	1		0						1		**13:30**	83		75						158	
01:45	1	4	2	4					3	8	**13:45**	85	327	92	311					177	638
02:00	0		0						0		**14:00**	71		87						158	
02:15	3		0						3		**14:15**	81		88						169	
02:30	1		1						2		**14:30**	62		103						165	
02:45	2	6	1	2					3	8	**14:45**	91	305	92	370					183	675
03:00	1		1						2		**15:00**	62		117						179	
03:15	4		3						7		**15:15**	100		84						184	
03:30	1		1						2		**15:30**	91		132						223	
03:45	4	10	1	6					5	16	**15:45**	119	372	136	469					255	841
04:00	4		3						7		**16:00**	94		146						240	
04:15	3		3						6		**16:15**	78		105						183	
04:30	10		1						11		**16:30**	91		115						206	
04:45	12	29	2	9					14	38	**16:45**	76	339	116	482					192	821
05:00	7		4						11		**17:00**	89		153						242	
05:15	15		4						19		**17:15**	93		165						258	
05:30	31		13						44		**17:30**	70		116						186	
05:45	51	104	9	30					60	134	**17:45**	65	317	112	546					177	863
06:00	26		17						43		**18:00**	51		81						132	
06:15	44		22						66		**18:15**	39		84						123	
06:30	48		28						76		**18:30**	42		69						111	
06:45	74	192	20	87					94	279	**18:45**	40	172	72	306					112	478
07:00	60		38						98		**19:00**	49		65						114	
07:15	78		47						125		**19:15**	33		50						83	
07:30	119		48						167		**19:30**	25		57						82	
07:45	150	407	58	191					208	598	**19:45**	29	136	40	212					69	348
08:00	129		86						215		**20:00**	25		54						79	
08:15	117		82						199		**20:15**	25		49						74	
08:30	127		66						193		**20:30**	15		34						49	
08:45	121	494	56	290					177	784	**20:45**	21	86	30	167					51	253
09:00	93		70						163		**21:00**	23		24						47	
09:15	57		60						117		**21:15**	22		16						38	
09:30	92		75						167		**21:30**	23		21						44	
09:45	75	317	71	276					146	593	**21:45**	19	87	14	75					33	162
10:00	73		70						143		**22:00**	14		13						27	
10:15	67		71						138		**22:15**	12		10						22	
10:30	97		61						158		**22:30**	13		7						20	
10:45	87	324	71	273					158	597	**22:45**	8	47	8	38					16	85
11:00	70		87						157		**23:00**	3		7						10	
11:15	67		61						128		**23:15**	4		7						11	
11:30	95		84						179		**23:30**	1		6						7	
11:45	71	303	79	311					150	614	**23:45**	5	13	10	30					15	43
TOTALS		2199		1498						**3697**	**TOTALS**		2501		3326						**5827**
SPLIT %		59.5%		40.5%						**38.8%**	**SPLIT %**		42.9%		57.1%						**61.2%**

DAILY TOTALS	NB	SB	EB	WB	Total
	4,700	4,824	0	0	9,524

AM Peak Hour	07:45	11:45			**07:45**	**PM Peak Hour**	15:15	16:45		**15:15**
AM Pk Volume	523	336			**815**	**PM Pk Volume**	404	550		**902**
Pk Hr Factor	0.872	0.966			**0.948**	**Pk Hr Factor**	0.849	0.833		**0.884**
7 - 9 Volume	901	481	0	0	**1382**	**4 - 6 Volume**	656	1028	0	0	**1684**
7 - 9 Peak Hour	07:45	07:45			**07:45**	**4 - 6 Peak Hour**	16:30	16:45			**16:30**
7 - 9 Pk Volume	523	292	0	0	**815**	**4 - 6 Pk Volume**	349	550	0	0	**898**
Pk Hr Factor	0.872	0.849	0.000	0.000	**0.948**	**Pk Hr Factor**	0.938	0.833	0.000	0.000	**0.870**

Prepared by National Data & Surveying Services

VOLUME

SR 174 Bet. Brunswick Rd & Empire St

Day: Tuesday
Date: 8/27/2019

City: Grass Valley
Project #: CA19_7289_005

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	4,131	4,173	8,304

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
00:00			2		0		2		12:00			68		74		142	
00:15			3		2		5		12:15			67		63		130	
00:30			3		0		3		12:30			56		55		111	
00:45			4	12	3	5	7	17	12:45			45	236	71	263	116	499
01:00			4		0		4		13:00			65		63		128	
01:15			3		2		5		13:15			64		70		134	
01:30			4		1		5		13:30			48		75		123	
01:45			2	13	0	3	2	16	13:45			60	237	81	289	141	526
02:00			1		1		2		14:00			71		75		146	
02:15			0		0		0		14:15			81		66		147	
02:30			0		0		0		14:30			86		67		153	
02:45			2	3	1	2	3	5	14:45			77	315	80	288	157	603
03:00			0		0		0		15:00			93		100		193	
03:15			0		3		3		15:15			148		76		224	
03:30			0		2		2		15:30			95		63		158	
03:45			1	1	1	6	2	7	15:45			101	437	95	334	196	771
04:00			1		6		7		16:00			96		75		171	
04:15			2		6		8		16:15			93		82		175	
04:30			0		5		5		16:30			89		57		146	
04:45			2	5	13	30	15	35	16:45			87	365	87	301	174	666
05:00			5		6		11		17:00			118		75		193	
05:15			6		17		23		17:15			95		72		167	
05:30			9		9		18		17:30			77		77		154	
05:45			11	31	14	46	25	77	17:45			81	371	67	291	148	662
06:00			15		24		39		18:00			78		45		123	
06:15			15		33		48		18:15			65		46		111	
06:30			31		44		75		18:30			54		41		95	
06:45			37	98	66	167	103	265	18:45			53	250	37	169	90	419
07:00			38		56		94		19:00			52		33		85	
07:15			54		78		132		19:15			50		34		84	
07:30			49		105		154		19:30			39		24		63	
07:45			64	205	144	383	208	588	19:45			46	187	21	112	67	299
08:00			65		144		209		20:00			44		19		63	
08:15			63		179		242		20:15			40		45		85	
08:30			89		101		190		20:30			38		18		56	
08:45			60	277	88	512	148	789	20:45			30	152	13	95	43	247
09:00			55		71		126		21:00			22		14		36	
09:15			69		68		137		21:15			38		17		55	
09:30			57		66		123		21:30			21		19		40	
09:45			55	236	71	276	126	512	21:45			17	98	9	59	26	157
10:00			64		55		119		22:00			16		9		25	
10:15			64		61		125		22:15			13		6		19	
10:30			73		52		125		22:30			10		8		18	
10:45			63	264	54	222	117	486	22:45			8	47	7	30	15	77
11:00			53		64		117		23:00			4		2		6	
11:15			69		71		140		23:15			2		4		6	
11:30			61		80		141		23:30			6		3		9	
11:45			91	274	63	278	154	552	23:45			5	17	3	12	8	29
TOTALS				1419		1930		3349	TOTALS				2712		2243		4955
SPLIT %				42.4%		57.6%		40.3%	SPLIT %				54.7%		45.3%		59.7%

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	4,131	4,173	8,304

AM Peak Hour				11:15	07:30	07:45	PM Peak Hour				15:15	15:00	15:00
AM Pk Volume				289	572	849	PM Pk Volume				440	334	771
Pk Hr Factor				0.794	0.799	0.877	Pk Hr Factor				0.743	0.835	0.860
7 - 9 Volume	0	0		482	895	1377	4 - 6 Volume	0	0		736	592	1328
7 - 9 Peak Hour				07:45	07:30	07:45	4 - 6 Peak Hour				16:30	16:45	16:15
7 - 9 Pk Volume	0	0		281	572	849	4 - 6 Pk Volume	0	0		389	311	688
Pk Hr Factor	0.000	0.000		0.789	0.799	0.877	Pk Hr Factor	0.000	0.000		0.824	0.894	0.891

Prepared by National Data & Surveying Services

VOLUME

SR 174 Bet. Brunswick Rd & Empire St

Day: Wednesday
Date: 8/28/2019

City: Grass Valley
Project #: CA19_7289_005

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	4,094	4,169	8,263

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
00:00			4		1		5		12:00			46		61		107	
00:15			2		1		3		12:15			59		62		121	
00:30			4		2		6		12:30			81		60		141	
00:45			2	12	0	4	2	16	12:45			72	258	72	255	144	513
01:00			4		2		6		13:00			54		37		91	
01:15			2		0		2		13:15			87		73		160	
01:30			1		0		1		13:30			62		54		116	
01:45			0	7	1	3	1	10	13:45			78	281	56	220	134	501
02:00			2		0		2		14:00			58		85		143	
02:15			1		2		3		14:15			66		74		140	
02:30			1		1		2		14:30			108		64		172	
02:45			0	4	0	3	0	7	14:45			73	305	92	315	165	620
03:00			0		1		1		15:00			87		71		158	
03:15			0		3		3		15:15			132		92		224	
03:30			2		3		5		15:30			100		70		170	
03:45			1	3	2	9	3	12	15:45			115	434	93	326	208	760
04:00			3		3		6		16:00			94		81		175	
04:15			0		8		8		16:15			103		71		174	
04:30			2		6		8		16:30			92		74		166	
04:45			1	6	2	19	3	25	16:45			81	370	86	312	167	682
05:00			5		9		14		17:00			111		114		225	
05:15			4		15		19		17:15			97		89		186	
05:30			10		11		21		17:30			78		62		140	
05:45			8	27	19	54	27	81	17:45			87	373	54	319	141	692
06:00			12		20		32		18:00			69		58		127	
06:15			20		42		62		18:15			70		47		117	
06:30			32		51		83		18:30			54		42		96	
06:45			23	87	68	181	91	268	18:45			58	251	41	188	99	439
07:00			41		53		94		19:00			56		33		89	
07:15			55		81		136		19:15			57		32		89	
07:30			43		102		145		19:30			44		22		66	
07:45			58	197	134	370	192	567	19:45			39	196	22	109	61	305
08:00			66		170		236		20:00			54		28		82	
08:15			74		186		260		20:15			35		26		61	
08:30			99		100		199		20:30			35		17		52	
08:45			50	289	71	527	121	816	20:45			36	160	13	84	49	244
09:00			60		79		139		21:00			41		18		59	
09:15			54		52		106		21:15			33		10		43	
09:30			54		64		118		21:30			27		14		41	
09:45			51	219	63	258	114	477	21:45			21	122	12	54	33	176
10:00			47		56		103		22:00			13		7		20	
10:15			49		83		132		22:15			12		13		25	
10:30			67		57		124		22:30			7		6		13	
10:45			43	206	70	266	113	472	22:45			8	40	4	30	12	70
11:00			38		58		96		23:00			8		2		10	
11:15			51		63		114		23:15			4		3		7	
11:30			56		68		124		23:30			7		3		10	
11:45			81	226	65	254	146	480	23:45			2	21	1	9	3	30
TOTALS				1283		1948		3231	TOTALS				2811		2221		5032
SPLIT %				39.7%		60.3%		39.1%	SPLIT %				55.9%		44.1%		60.9%

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	4,094	4,169	8,263

AM Peak Hour				07:45	07:30	07:45	PM Peak Hour				15:15	16:30	15:15
AM Pk Volume				297	592	887	PM Pk Volume				441	363	777
Pk Hr Factor				0.750	0.796	0.853	Pk Hr Factor				0.835	0.796	0.867
7 - 9 Volume	0	0		486	897	1383	4 - 6 Volume	0	0		743	631	1374
7 - 9 Peak Hour				07:45	07:30	07:45	4 - 6 Peak Hour				16:15	16:30	16:30
7 - 9 Pk Volume	0	0		297	592	887	4 - 6 Pk Volume	0	0		387	363	744
Pk Hr Factor	0.000	0.000		0.750	0.796	0.853	Pk Hr Factor	0.000	0.000		0.872	0.796	0.827

Prepared by National Data & Surveying Services

VOLUME

SR 174 Bet. Brunswick Rd & Empire St

Day: Thursday
Date: 8/29/2019

City: Grass Valley
Project #: CA19_7289_005

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	4,091	4,219	8,310

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
00:00			3		1		4		**12:00**			69		53		122	
00:15			4		4		8		**12:15**			66		67		133	
00:30			1		3		4		**12:30**			51		59		110	
00:45			1	9	2	10	3	19	**12:45**			75	261	71	250	146	511
01:00			1		0		1		**13:00**			66		68		134	
01:15			0		1		1		**13:15**			68		61		129	
01:30			0		2		2		**13:30**			66		62		128	
01:45			0	1	2	5	2	6	**13:45**			82	282	69	260	151	542
02:00			0		0		0		**14:00**			44		71		115	
02:15			1		0		1		**14:15**			76		67		143	
02:30			0		0		0		**14:30**			98		82		180	
02:45			1	2	0		1	2	**14:45**			88	306	87	307	175	613
03:00			0		0		0		**15:00**			88		85		173	
03:15			0		3		3		**15:15**			108		82		190	
03:30			1		1		2		**15:30**			105		64		169	
03:45			0	1	3	7	3	8	**15:45**			96	397	113	344	209	741
04:00			0		3		3		**16:00**			125		86		211	
04:15			4		9		13		**16:15**			93		77		170	
04:30			1		3		4		**16:30**			78		65		143	
04:45			1	6	7	22	8	28	**16:45**			112	408	73	301	185	709
05:00			2		7		9		**17:00**			107		86		193	
05:15			1		13		14		**17:15**			90		74		164	
05:30			7		12		19		**17:30**			85		55		140	
05:45			10	20	17	49	27	69	**17:45**			77	359	55	270	132	629
06:00			15		17		32		**18:00**			61		52		113	
06:15			26		37		63		**18:15**			54		54		108	
06:30			27		52		79		**18:30**			61		44		105	
06:45			17	85	55	161	72	246	**18:45**			57	233	51	201	108	434
07:00			30		60		90		**19:00**			62		39		101	
07:15			50		69		119		**19:15**			53		22		75	
07:30			48		103		151		**19:30**			50		26		76	
07:45			51	179	153	385	204	564	**19:45**			48	213	27	114	75	327
08:00			48		158		206		**20:00**			46		35		81	
08:15			83		174		257		**20:15**			46		23		69	
08:30			89		105		194		**20:30**			31		18		49	
08:45			55	275	77	514	132	789	**20:45**			36	159	18	94	54	253
09:00			58		48		106		**21:00**			43		16		59	
09:15			52		76		128		**21:15**			26		15		41	
09:30			58		83		141		**21:30**			20		12		32	
09:45			53	221	68	275	121	496	**21:45**			17	106	9	52	26	158
10:00			46		58		104		**22:00**			24		12		36	
10:15			54		63		117		**22:15**			13		8		21	
10:30			58		53		111		**22:30**			16		4		20	
10:45			50	208	75	249	125	457	**22:45**			10	63	11	35	21	98
11:00			54		63		117		**23:00**			16		3		19	
11:15			57		76		133		**23:15**			8		4		12	
11:30			72		77		149		**23:30**			10		2		12	
11:45			76	259	86	302	162	561	**23:45**			4	38	3	12	7	50
TOTALS				1266		1979		**3245**	**TOTALS**				2825		2240		**5065**
SPLIT %				39.0%		61.0%		**39.0%**	**SPLIT %**				55.8%		44.2%		**61.0%**

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	4,091	4,219	8,310

AM Peak Hour				08:15	07:45	**07:45**		**PM Peak Hour**				15:15	15:15	**15:15**
AM Pk Volume				285	590	**861**		**PM Pk Volume**				434	345	**779**
Pk Hr Factor				0.801	0.848	**0.838**		**Pk Hr Factor**				0.868	0.763	**0.923**
7 - 9 Volume	0	0		454	899	**1353**		**4 - 6 Volume**	0	0		767	571	**1338**
7 - 9 Peak Hour				08:00	07:45	**07:45**		**4 - 6 Peak Hour**				16:00	16:00	**16:00**
7 - 9 Pk Volume	0	0		275	590	**861**		**4 - 6 Pk Volume**	0	0		408	301	**709**
Pk Hr Factor	0.000	0.000		0.772	0.848	**0.838**		**Pk Hr Factor**	0.000	0.000		0.816	0.875	**0.840**

Prepared by National Data & Surveying Services

VOLUME

Empire St Bet. SR 174 & Auburn St

Day: Tuesday
Date: 8/27/2019

City: Grass Valley
Project #: CA19_7289_006

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	2,345	2,013	4,358

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
00:00			3		1		4		12:00			42		40		82	
00:15			0		0		0		12:15			33		26		59	
00:30			3		2		5		12:30			32		33		65	
00:45			2	8	1	4	3	12	12:45			30	137	34	133	64	270
01:00			2		1		3		13:00			42		28		70	
01:15			2		0		2		13:15			28		35		63	
01:30			0		0		0		13:30			32		33		65	
01:45			1	5	0	1	1	6	13:45			42	144	40	136	82	280
02:00			1		0		1		14:00			49		32		81	
02:15			0		0		0		14:15			69		21		90	
02:30			0		0		0		14:30			43		54		97	
02:45			1	2	0		1	2	14:45			41	202	33	140	74	342
03:00			0		0		0		15:00			66		36		102	
03:15			1		1		2		15:15			52		83		135	
03:30			0		2		2		15:30			53		36		89	
03:45			1	2	2	5	3	7	15:45			51	222	36	191	87	413
04:00			1		2		3		16:00			45		55		100	
04:15			3		2		5		16:15			53		38		91	
04:30			1		2		3		16:30			58		33		91	
04:45			2	7	7	13	9	20	16:45			53	209	35	161	88	370
05:00			3		5		8		17:00			43		44		87	
05:15			3		13		16		17:15			48		37		85	
05:30			4		4		8		17:30			52		39		91	
05:45			9	19	8	30	17	49	17:45			38	181	31	151	69	332
06:00			6		10		16		18:00			40		25		65	
06:15			14		17		31		18:15			31		21		52	
06:30			16		29		45		18:30			21		23		44	
06:45			15	51	30	86	45	137	18:45			27	119	18	87	45	206
07:00			21		26		47		19:00			30		15		45	
07:15			23		40		63		19:15			31		13		44	
07:30			29		32		61		19:30			19		11		30	
07:45			64	137	49	147	113	284	19:45			26	106	11	50	37	156
08:00			75		55		130		20:00			21		11		32	
08:15			67		63		130		20:15			21		20		41	
08:30			40		76		116		20:30			14		7		21	
08:45			30	212	47	241	77	453	20:45			13	69	4	42	17	111
09:00			40		26		66		21:00			13		5		18	
09:15			33		24		57		21:15			15		3		18	
09:30			36		32		68		21:30			10		11		21	
09:45			45	154	34	116	79	270	21:45			8	46	5	24	13	70
10:00			34		24		58		22:00			2		7		9	
10:15			28		28		56		22:15			4		2		6	
10:30			37		26		63		22:30			5		2		7	
10:45			35	134	26	104	61	238	22:45			5	16	0	11	5	27
11:00			35		35		70		23:00			2		2		4	
11:15			37		30		67		23:15			3		1		4	
11:30			39		26		65		23:30			3		0		3	
11:45			40	151	45	136	85	287	23:45			4	12	1	4	5	16
TOTALS				882		883		1765	TOTALS				1463		1130		2593
SPLIT %				50.0%		50.0%		40.5%	SPLIT %				56.4%		43.6%		59.5%

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	2,345	2,013	4,358

AM Peak Hour				07:45	07:45	07:45		PM Peak Hour				15:00	15:15	15:00	
AM Pk Volume				246	243	489		PM Pk Volume				222	210	413	
Pk Hr Factor				0.820	0.799	0.940		Pk Hr Factor				0.841	0.633	0.765	
7 - 9 Volume	0	0		349	388	737		4 - 6 Volume	0	0		390	312	702	
7 - 9 Peak Hour				07:45	07:45	07:45		4 - 6 Peak Hour				16:00	16:00	16:00	
7 - 9 Pk Volume	0	0		246	243	489		4 - 6 Pk Volume	0	0		209	161	370	
Pk Hr Factor	0.000	0.000		0.820	0.799	0.940		Pk Hr Factor	0.000	0.000		0.901	0.732	0.925	

Prepared by National Data & Surveying Services

VOLUME

Empire St Bet. SR 174 & Auburn St

Day: Wednesday
Date: 8/28/2019

City: Grass Valley
Project #: CA19_7289_006

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	2,246	1,983	4,229

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
00:00			3		0		3		12:00			26		33		59	
00:15			3		3		6		12:15			44		29		73	
00:30			1		2		3		12:30			47		31		78	
00:45			1	8	0	5	1	13	12:45			40	157	30	123	70	280
01:00			3		1		4		13:00			29		26		55	
01:15			1		0		1		13:15			43		25		68	
01:30			0		0		0		13:30			33		35		68	
01:45			1	5	1	2	2	7	13:45			40	145	18	104	58	249
02:00			1		0		1		14:00			44		36		80	
02:15			0		2		2		14:15			49		32		81	
02:30			0		1		1		14:30			44		55		99	
02:45			0	1	1	4	1	5	14:45			49	186	37	160	86	346
03:00			0		1		1		15:00			73		32		105	
03:15			2		1		3		15:15			54		73		127	
03:30			1		1		2		15:30			43		40		83	
03:45			0	3	0	3	0	6	15:45			61	231	41	186	102	417
04:00			1		3		4		16:00			35		44		79	
04:15			0		3		3		16:15			51		41		92	
04:30			0		3		3		16:30			49		34		83	
04:45			1	2	3	12	4	14	16:45			42	177	33	152	75	329
05:00			4		7		11		17:00			53		50		103	
05:15			2		6		8		17:15			43		37		80	
05:30			4		6		10		17:30			44		24		68	
05:45			6	16	8	27	14	43	17:45			45	185	29	140	74	325
06:00			5		14		19		18:00			40		20		60	
06:15			13		22		35		18:15			31		24		55	
06:30			13		36		49		18:30			32		12		44	
06:45			13	44	33	105	46	149	18:45			22	125	22	78	44	203
07:00			18		31		49		19:00			24		22		46	
07:15			35		36		71		19:15			28		12		40	
07:30			37		38		75		19:30			22		13		35	
07:45			32	122	52	157	84	279	19:45			25	99	14	61	39	160
08:00			60		55		115		20:00			26		17		43	
08:15			82		60		142		20:15			15		11		26	
08:30			43		84		127		20:30			16		9		25	
08:45			27	212	35	234	62	446	20:45			17	74	3	40	20	114
09:00			22		35		57		21:00			22		5		27	
09:15			24		31		55		21:15			13		3		16	
09:30			27		23		50		21:30			10		2		12	
09:45			29	102	31	120	60	222	21:45			12	57	3	13	15	70
10:00			21		22		43		22:00			6		3		9	
10:15			35		33		68		22:15			7		4		11	
10:30			36		20		56		22:30			3		1		4	
10:45			20	112	38	113	58	225	22:45			7	23	1	9	8	32
11:00			33		32		65		23:00			6		1		7	
11:15			35		22		57		23:15			2		1		3	
11:30			54		38		92		23:30			3		1		4	
11:45			26	148	38	130	64	278	23:45			1	12	2	5	3	17
TOTALS				775		912		1687	TOTALS				1471		1071		2542
SPLIT %				45.9%		54.1%		39.9%	SPLIT %				57.9%		42.1%		60.1%

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	2,246	1,983	4,229

AM Peak Hour				07:45	07:45	07:45		PM Peak Hour				15:00	15:15	14:30
AM Pk Volume				217	251	468		PM Pk Volume				231	198	417
Pk Hr Factor				0.662	0.747	0.824		Pk Hr Factor				0.791	0.678	0.821
7 - 9 Volume	0	0		334	391	725		4 - 6 Volume	0	0		362	292	654
7 - 9 Peak Hour				07:45	07:45	07:45		4 - 6 Peak Hour				16:15	16:15	16:15
7 - 9 Pk Volume	0	0		217	251	468		4 - 6 Pk Volume	0	0		195	158	353
Pk Hr Factor	0.000	0.000		0.662	0.747	0.824		Pk Hr Factor	0.000	0.000		0.920	0.790	0.857

Prepared by National Data & Surveying Services

VOLUME

Empire St Bet. SR 174 & Auburn St

Day: Thursday
Date: 8/29/2019

City: Grass Valley
Project #: CA19_7289_006

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	2,140	1,948	4,088

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
00:00			0		0		0		12:00			26		21		47	
00:15			3		2		5		12:15			27		32		59	
00:30			1		0		1		12:30			21		31		52	
00:45			1	5	0	2	1	7	12:45			35	109	38	122	73	231
01:00			1		0		1		13:00			29		35		64	
01:15			0		0		0		13:15			29		26		55	
01:30			0		0		0		13:30			43		33		76	
01:45			0	1	0		0	1	13:45			40	141	30	124	70	265
02:00			1		1		2		14:00			40		26		66	
02:15			0		0		0		14:15			43		38		81	
02:30			0		0		0		14:30			49		57		106	
02:45			0	1	0	1	0	2	14:45			59	191	28	149	87	340
03:00			0		0		0		15:00			59		27		86	
03:15			0		1		1		15:15			65		79		144	
03:30			1		2		3		15:30			59		39		98	
03:45			0	1	1	4	1	5	15:45			62	245	52	197	114	442
04:00			2		3		5		16:00			67		51		118	
04:15			1		2		3		16:15			48		47		95	
04:30			0		4		4		16:30			38		34		72	
04:45			0	3	4	13	4	16	16:45			70	223	25	157	95	380
05:00			1		4		5		17:00			48		34		82	
05:15			0		8		8		17:15			38		38		76	
05:30			3		4		7		17:30			39		24		63	
05:45			5	9	9	25	14	34	17:45			42	167	24	120	66	287
06:00			9		11		20		18:00			27		25		52	
06:15			15		22		37		18:15			27		20		47	
06:30			12		32		44		18:30			33		17		50	
06:45			15	51	35	100	50	151	18:45			35	122	17	79	52	201
07:00			8		30		38		19:00			28		18		46	
07:15			35		31		66		19:15			30		6		36	
07:30			23		41		64		19:30			23		8		31	
07:45			35	101	49	151	84	252	19:45			16	97	21	53	37	150
08:00			62		46		108		20:00			13		15		28	
08:15			56		51		107		20:15			15		14		29	
08:30			48		81		129		20:30			16		9		25	
08:45			31	197	40	218	71	415	20:45			22	66	7	45	29	111
09:00			31		27		58		21:00			15		2		17	
09:15			25		32		57		21:15			15		3		18	
09:30			28		32		60		21:30			7		4		11	
09:45			19	103	25	116	44	219	21:45			13	50	5	14	18	64
10:00			29		25		54		22:00			12		4		16	
10:15			21		26		47		22:15			7		2		9	
10:30			30		23		53		22:30			7		0		7	
10:45			25	105	33	107	58	212	22:45			5	31	5	11	10	42
11:00			16		27		43		23:00			4		1		5	
11:15			28		27		55		23:15			1		3		4	
11:30			42		28		70		23:30			4		1		5	
11:45			25	111	50	132	75	243	23:45			1	10	3	8	4	18
TOTALS				688		869		1557	TOTALS				1452		1079		2531
SPLIT %				44.2%		55.8%		38.1%	SPLIT %				57.4%		42.6%		61.9%

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	2,140	1,948	4,088

AM Peak Hour				07:45	07:45	07:45	PM Peak Hour				15:15	15:15	15:15
AM Pk Volume				201	227	428	PM Pk Volume				253	221	474
Pk Hr Factor				0.810	0.701	0.829	Pk Hr Factor				0.944	0.699	0.823
7 - 9 Volume	0	0		298	369	667	4 - 6 Volume	0	0		390	277	667
7 - 9 Peak Hour				07:45	07:45	07:45	4 - 6 Peak Hour				16:00	16:00	16:00
7 - 9 Pk Volume	0	0		201	227	428	4 - 6 Pk Volume	0	0		223	157	380
Pk Hr Factor	0.000	0.000		0.810	0.701	0.829	Pk Hr Factor	0.000	0.000		0.796	0.770	0.805

Prepared by National Data & Surveying Services

VOLUME

Empire St Bet. Auburn St & SR 49

Day: Tuesday
Date: 8/27/2019

City: Grass Valley
Project #: CA19_7289_007

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	2,685	2,947	5,632

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
00:00			1		1		2		12:00			29		58		87	
00:15			2		3		5		12:15			46		48		94	
00:30			3		5		8		12:30			26		45		71	
00:45			5	11	1	10	6	21	12:45			38	139	61	212	99	351
01:00			4		5		9		13:00			40		43		83	
01:15			0		1		1		13:15			37		33		70	
01:30			5		4		9		13:30			33		48		81	
01:45			1	10	0	10	1	20	13:45			49	159	50	174	99	333
02:00			2		0		2		14:00			58		74		132	
02:15			0		0		0		14:15			65		48		113	
02:30			1		10		11		14:30			54		63		117	
02:45			1	4	2	12	3	16	14:45			62	239	50	235	112	474
03:00			1		0		1		15:00			66		58		124	
03:15			1		1		2		15:15			60		90		150	
03:30			1		3		4		15:30			50		61		111	
03:45			0	3	2	6	2	9	15:45			62	238	61	270	123	508
04:00			1		3		4		16:00			63		62		125	
04:15			4		6		10		16:15			48		64		112	
04:30			1		11		12		16:30			62		51		113	
04:45			2	8	12	32	14	40	16:45			58	231	45	222	103	453
05:00			3		1		4		17:00			43		58		101	
05:15			6		8		14		17:15			61		46		107	
05:30			7		7		14		17:30			54		59		113	
05:45			5	21	8	24	13	45	17:45			60	218	49	212	109	430
06:00			6		14		20		18:00			29		39		68	
06:15			18		28		46		18:15			31		43		74	
06:30			20		24		44		18:30			25		34		59	
06:45			27	71	37	103	64	174	18:45			35	120	23	139	58	259
07:00			16		32		48		19:00			34		22		56	
07:15			31		55		86		19:15			24		30		54	
07:30			40		46		86		19:30			29		17		46	
07:45			68	155	70	203	138	358	19:45			23	110	27	96	50	206
08:00			92		79		171		20:00			22		27		49	
08:15			96		77		173		20:15			27		29		56	
08:30			53		87		140		20:30			19		19		38	
08:45			65	306	72	315	137	621	20:45			10	78	13	88	23	166
09:00			44		37		81		21:00			18		12		30	
09:15			35		40		75		21:15			16		10		26	
09:30			31		32		63		21:30			10		17		27	
09:45			43	153	52	161	95	314	21:45			15	59	12	51	27	110
10:00			35		55		90		22:00			5		8		13	
10:15			41		34		75		22:15			7		6		13	
10:30			42		43		85		22:30			6		5		11	
10:45			43	161	44	176	87	337	22:45			4	22	5	24	9	46
11:00			36		32		68		23:00			5		7		12	
11:15			30		45		75		23:15			2		5		7	
11:30			39		43		82		23:30			3		2		5	
11:45			49	154	35	155	84	309	23:45			5	15	3	17	8	32
TOTALS				1057		1207		2264	TOTALS				1628		1740		3368
SPLIT %				46.7%		53.3%		40.2%	SPLIT %				48.3%		51.7%		59.8%

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	2,685	2,947	5,632

AM Peak Hour				07:45	08:00	07:45		PM Peak Hour				14:15	15:15	15:15
AM Pk Volume				309	315	622		PM Pk Volume				247	274	509
Pk Hr Factor				0.805	0.905	0.899		Pk Hr Factor				0.936	0.761	0.848
7 - 9 Volume	0	0		461	518	979		4 - 6 Volume	0	0		449	434	883
7 - 9 Peak Hour				07:45	08:00	07:45		4 - 6 Peak Hour				16:00	16:00	16:00
7 - 9 Pk Volume	0	0		309	315	622		4 - 6 Pk Volume	0	0		231	222	453
Pk Hr Factor	0.000	0.000		0.805	0.905	0.899		Pk Hr Factor	0.000	0.000		0.917	0.867	0.906

Prepared by National Data & Surveying Services

VOLUME

Empire St Bet. Auburn St & SR 49

Day: Wednesday
Date: 8/28/2019

City: Grass Valley
Project #: CA19_7289_007

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	2,750	2,932	5,682

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
00:00			3		2		5		12:00			39		56		95	
00:15			4		4		8		12:15			40		45		85	
00:30			0		4		4		12:30			44		39		83	
00:45			1	8	1	11	2	19	12:45			38	161	40	180	78	341
01:00			3		1		4		13:00			43		50		93	
01:15			1		0		1		13:15			49		46		95	
01:30			1		0		1		13:30			39		45		84	
01:45			3	8	2	3	5	11	13:45			42	173	46	187	88	360
02:00			1		0		1		14:00			45		45		90	
02:15			0		1		1		14:15			77		60		137	
02:30			0		3		3		14:30			61		53		114	
02:45			0	1	3	7	3	8	14:45			90	273	52	210	142	483
03:00			0		1		1		15:00			88		90		178	
03:15			1		2		3		15:15			55		82		137	
03:30			1		1		2		15:30			62		54		116	
03:45			0	2	1	5	1	7	15:45			64	269	68	294	132	563
04:00			1		2		3		16:00			40		57		97	
04:15			0		7		7		16:15			58		55		113	
04:30			1		8		9		16:30			55		44		99	
04:45			4	6	9	26	13	32	16:45			55	208	48	204	103	412
05:00			5		5		10		17:00			70		61		131	
05:15			8		12		20		17:15			60		67		127	
05:30			5		8		13		17:30			55		44		99	
05:45			7	25	13	38	20	63	17:45			45	230	39	211	84	441
06:00			6		19		25		18:00			34		29		63	
06:15			18		25		43		18:15			33		42		75	
06:30			15		30		45		18:30			37		26		63	
06:45			23	62	39	113	62	175	18:45			27	131	34	131	61	262
07:00			29		29		58		19:00			20		37		57	
07:15			33		48		81		19:15			27		30		57	
07:30			39		58		97		19:30			23		24		47	
07:45			52	153	78	213	130	366	19:45			26	96	26	117	52	213
08:00			86		70		156		20:00			16		25		41	
08:15			91		64		155		20:15			17		28		45	
08:30			68		93		161		20:30			16		14		30	
08:45			67	312	73	300	140	612	20:45			24	73	7	74	31	147
09:00			33		58		91		21:00			20		11		31	
09:15			47		57		104		21:15			12		11		23	
09:30			38		37		75		21:30			8		8		16	
09:45			38	156	46	198	84	354	21:45			15	55	2	32	17	87
10:00			29		42		71		22:00			9		7		16	
10:15			42		55		97		22:15			10		7		17	
10:30			41		43		84		22:30			7		2		9	
10:45			35	147	43	183	78	330	22:45			10	36	3	19	13	55
11:00			34		39		73		23:00			4		6		10	
11:15			41		41		82		23:15			4		2		6	
11:30			40		49		89		23:30			4		8		12	
11:45			36	151	29	158	65	309	23:45			2	14	2	18	4	32
TOTALS				1031		1255		2286	TOTALS				1719		1677		3396
SPLIT %				45.1%		54.9%		40.2%	SPLIT %				50.6%		49.4%		59.8%

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	2,750	2,932	5,682

AM Peak Hour				08:00	07:45	08:00		PM Peak Hour				14:15	15:00	14:45
AM Pk Volume				312	305	612		PM Pk Volume				316	294	573
Pk Hr Factor				0.857	0.820	0.950		Pk Hr Factor				0.878	0.817	0.805
7 - 9 Volume	0	0		465	513	978		4 - 6 Volume	0	0		438	415	853
7 - 9 Peak Hour				08:00	07:45	08:00		4 - 6 Peak Hour				16:30	16:30	16:30
7 - 9 Pk Volume	0	0		312	305	612		4 - 6 Pk Volume	0	0		240	220	460
Pk Hr Factor	0.000	0.000		0.857	0.820	0.950		Pk Hr Factor	0.000	0.000		0.857	0.821	0.878

Prepared by National Data & Surveying Services

VOLUME

Empire St Bet. Auburn St & SR 49

Day: Thursday
Date: 8/29/2019

City: Grass Valley
Project #: CA19_7289_007

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	2,666	2,919	5,585

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
00:00			2		1		3		**12:00**			31		46		77	
00:15			1		2		3		**12:15**			38		39		77	
00:30			1		2		3		**12:30**			36		60		96	
00:45			2	6	2	7	4	13	**12:45**			27	132	58	203	85	335
01:00			0		1		1		**13:00**			45		49		94	
01:15			0		0		0		**13:15**			35		57		92	
01:30			2		3		5		**13:30**			37		43		80	
01:45			2	4	1	5	3	9	**13:45**			54	171	50	199	104	370
02:00			2		1		3		**14:00**			47		41		88	
02:15			0		1		1		**14:15**			59		52		111	
02:30			0		0		0		**14:30**			43		70		113	
02:45			0	2	0	2	0	4	**14:45**			85	234	50	213	135	447
03:00			1		0		1		**15:00**			65		71		136	
03:15			0		1		1		**15:15**			62		75		137	
03:30			2		1		3		**15:30**			64		55		119	
03:45			0	3	1	3	1	6	**15:45**			58	249	73	274	131	523
04:00			2		4		6		**16:00**			64		62		126	
04:15			3		7		10		**16:15**			53		63		116	
04:30			1		7		8		**16:30**			65		51		116	
04:45			1	7	11	29	12	36	**16:45**			58	240	49	225	107	465
05:00			2		6		8		**17:00**			65		49		114	
05:15			2		8		10		**17:15**			49		61		110	
05:30			5		14		19		**17:30**			54		38		92	
05:45			12	21	9	37	21	58	**17:45**			53	221	43	191	96	412
06:00			11		20		31		**18:00**			36		39		75	
06:15			14		22		36		**18:15**			25		30		55	
06:30			15		32		47		**18:30**			39		27		66	
06:45			19	59	34	108	53	167	**18:45**			39	139	28	124	67	263
07:00			24		39		63		**19:00**			26		42		68	
07:15			36		38		74		**19:15**			29		19		48	
07:30			31		41		72		**19:30**			22		25		47	
07:45			44	135	81	199	125	334	**19:45**			15	92	26	112	41	204
08:00			86		60		146		**20:00**			21		17		38	
08:15			96		70		166		**20:15**			16		28		44	
08:30			59		96		155		**20:30**			22		18		40	
08:45			72	313	100	326	172	639	**20:45**			21	80	16	79	37	159
09:00			34		43		77		**21:00**			17		10		27	
09:15			37		58		95		**21:15**			16		11		27	
09:30			35		39		74		**21:30**			8		9		17	
09:45			31	137	43	183	74	320	**21:45**			12	53	14	44	26	97
10:00			29		41		70		**22:00**			10		10		20	
10:15			44		43		87		**22:15**			7		4		11	
10:30			30		28		58		**22:30**			9		6		15	
10:45			40	143	38	150	78	293	**22:45**			6	32	5	25	11	57
11:00			40		32		72		**23:00**			5		3		8	
11:15			44		43		87		**23:15**			4		4		8	
11:30			54		38		92		**23:30**			7		4		11	
11:45			37	175	54	167	91	342	**23:45**			2	18	3	14	5	32
TOTALS				1005		1216		**2221**	**TOTALS**				1661		1703		**3364**
SPLIT %				45.2%		54.8%		**39.8%**	**SPLIT %**				49.4%		50.6%		**60.2%**

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	2,666	2,919	5,585

AM Peak Hour				08:00	08:00	**08:00**		**PM Peak Hour**				14:45	15:00	**14:45**			
AM Pk Volume				313	326	**639**		**PM Pk Volume**				276	274	**527**			
Pk Hr Factor				0.815	0.815	**0.929**		**Pk Hr Factor**				0.812	0.913	**0.962**			
7 - 9 Volume	0	0		448	525	**973**		**4 - 6 Volume**	0	0		461	416	**877**			
7 - 9 Peak Hour				08:00	08:00	**08:00**		**4 - 6 Peak Hour**				16:15	16:00	**16:00**			
7 - 9 Pk Volume	0	0		313	326	**639**		**4 - 6 Pk Volume**	0	0		241	225	**465**			
Pk Hr Factor	0.000	0.000		0.815	0.815	**0.929**		**Pk Hr Factor**	0.000	0.000		0.927	0.893	**0.923**			

Prepared by National Data & Surveying Services

VOLUME

Idaho Maryland Rd Bet. Brunswick Rd & SR 49

Day: Tuesday
Date: 8/27/2019

City: Grass Valley
Project #: CA19_7289_008

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	3,685	3,617	7,302

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
00:00			2		3		5		12:00			94		92		186	
00:15			2		1		3		12:15			79		84		163	
00:30			1		1		2		12:30			86		71		157	
00:45			2	7	2	7	4	14	12:45			63	322	73	320	136	642
01:00			0		0		0		13:00			67		73		140	
01:15			0		0		0		13:15			81		69		150	
01:30			1		1		2		13:30			68		81		149	
01:45			2	3	2	3	4	6	13:45			75	291	61	284	136	575
02:00			0		2		2		14:00			63		72		135	
02:15			1		0		1		14:15			71		59		130	
02:30			2		2		4		14:30			82		71		153	
02:45			2	5	1	5	3	10	14:45			71	287	84	286	155	573
03:00			0		2		2		15:00			102		92		194	
03:15			2		0		2		15:15			88		81		169	
03:30			2		0		2		15:30			88		89		177	
03:45			3	7	1	3	4	10	15:45			73	351	96	358	169	709
04:00			1		5		6		16:00			76		114		190	
04:15			4		2		6		16:15			79		79		158	
04:30			5		2		7		16:30			65		99		164	
04:45			3	13	4	13	7	26	16:45			78	298	66	358	144	656
05:00			4		8		12		17:00			86		104		190	
05:15			13		13		26		17:15			59		78		137	
05:30			13		11		24		17:30			66		69		135	
05:45			26	56	13	45	39	101	17:45			40	251	54	305	94	556
06:00			19		8		27		18:00			57		49		106	
06:15			21		23		44		18:15			43		42		85	
06:30			22		20		42		18:30			34		29		63	
06:45			58	120	44	95	102	215	18:45			30	164	18	138	48	302
07:00			28		32		60		19:00			35		29		64	
07:15			48		29		77		19:15			38		22		60	
07:30			45		50		95		19:30			26		19		45	
07:45			69	190	62	173	131	363	19:45			18	117	21	91	39	208
08:00			40		60		100		20:00			35		32		67	
08:15			79		46		125		20:15			10		20		30	
08:30			61		63		124		20:30			14		19		33	
08:45			60	240	63	232	123	472	20:45			14	73	22	93	36	166
09:00			48		54		102		21:00			13		20		33	
09:15			61		42		103		21:15			9		8		17	
09:30			58		53		111		21:30			7		13		20	
09:45			56	223	68	217	124	440	21:45			13	42	7	48	20	90
10:00			62		45		107		22:00			11		8		19	
10:15			70		60		130		22:15			7		7		14	
10:30			66		62		128		22:30			5		8		13	
10:45			73	271	58	225	131	496	22:45			9	32	13	36	22	68
11:00			84		69		153		23:00			1		6		7	
11:15			76		62		138		23:15			1		4		5	
11:30			81		73		154		23:30			2		1		3	
11:45			76	317	65	269	141	586	23:45			1	5	2	13	3	18
TOTALS			1452		1287		2739		TOTALS			2233		2330		4563	
SPLIT %			53.0%		47.0%		37.5%		SPLIT %			48.9%		51.1%		62.5%	

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	3,685	3,617	7,302

AM Peak Hour				11:45	11:30	11:45		PM Peak Hour				15:00	15:45	15:00
AM Pk Volume				335	314	647		PM Pk Volume				351	388	709
Pk Hr Factor				0.891	0.853	0.870		Pk Hr Factor				0.860	0.851	0.914
7 - 9 Volume	0	0		430	405	835		4 - 6 Volume	0	0		549	663	1212
7 - 9 Peak Hour				07:45	08:00	07:45		4 - 6 Peak Hour				16:15	16:00	16:00
7 - 9 Pk Volume	0	0		249	232	480		4 - 6 Pk Volume	0	0		308	358	656
Pk Hr Factor	0.000	0.000		0.788	0.921	0.916		Pk Hr Factor	0.000	0.000		0.895	0.785	0.863

Prepared by National Data & Surveying Services

VOLUME

Idaho Maryland Rd Bet. Brunswick Rd & SR 49

Day: Wednesday
Date: 8/28/2019

City: Grass Valley
Project #: CA19_7289_008

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	3,742	3,638	7,380

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
00:00			1		1		2		**12:00**			95		74		169	
00:15			4		2		6		**12:15**			84		87		171	
00:30			0		1		1		**12:30**			91		66		157	
00:45			4	9	0	4	4	13	**12:45**			98	368	96	323	194	691
01:00			0		1		1		**13:00**			77		82		159	
01:15			0		0		0		**13:15**			90		85		175	
01:30			3		0		3		**13:30**			79		66		145	
01:45			0	3	0	1	0	4	**13:45**			103	349	64	297	167	646
02:00			0		1		1		**14:00**			73		68		141	
02:15			3		1		4		**14:15**			70		72		142	
02:30			1		3		4		**14:30**			85		76		161	
02:45			1	5	0	5	1	10	**14:45**			69	297	90	306	159	603
03:00			0		2		2		**15:00**			65		67		132	
03:15			1		0		1		**15:15**			87		79		166	
03:30			4		2		6		**15:30**			76		109		185	
03:45			4	9	0	4	4	13	**15:45**			73	301	89	344	162	645
04:00			1		2		3		**16:00**			63		77		140	
04:15			6		0		6		**16:15**			76		65		141	
04:30			7		2		9		**16:30**			78		91		169	
04:45			4	18	5	9	9	27	**16:45**			73	290	68	301	141	591
05:00			3		4		7		**17:00**			64		99		163	
05:15			11		15		26		**17:15**			54		76		130	
05:30			10		12		22		**17:30**			61		61		122	
05:45			26	50	17	48	43	98	**17:45**			67	246	52	288	119	534
06:00			9		11		20		**18:00**			56		51		107	
06:15			12		24		36		**18:15**			43		46		89	
06:30			39		21		60		**18:30**			41		56		97	
06:45			59	119	35	91	94	210	**18:45**			30	170	39	192	69	362
07:00			32		29		61		**19:00**			28		26		54	
07:15			38		33		71		**19:15**			37		26		63	
07:30			45		45		90		**19:30**			18		37		55	
07:45			65	180	54	161	119	341	**19:45**			22	105	15	104	37	209
08:00			53		59		112		**20:00**			21		20		41	
08:15			68		60		128		**20:15**			19		22		41	
08:30			65		68		133		**20:30**			15		14		29	
08:45			68	254	69	256	137	510	**20:45**			7	62	24	80	31	142
09:00			62		59		121		**21:00**			12		17		29	
09:15			69		52		121		**21:15**			9		11		20	
09:30			61		66		127		**21:30**			3		6		9	
09:45			83	275	56	233	139	508	**21:45**			8	32	1	35	9	67
10:00			70		62		132		**22:00**			4		9		13	
10:15			60		44		104		**22:15**			6		6		12	
10:30			66		54		120		**22:30**			4		7		11	
10:45			68	264	53	213	121	477	**22:45**			2	16	1	23	3	39
11:00			94		72		166		**23:00**			1		5		6	
11:15			82		72		154		**23:15**			1		5		6	
11:30			79		81		160		**23:30**			0		1		1	
11:45			61	316	82	307	143	623	**23:45**			2	4	2	13	4	17
TOTALS				1502		1332		**2834**	**TOTALS**				2240		2306		**4546**
SPLIT %				53.0%		47.0%		**38.4%**	**SPLIT %**				49.3%		50.7%		**61.6%**

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	3,742	3,638	7,380

AM Peak Hour				11:45	11:30	**11:30**		**PM Peak Hour**				12:00	15:15	**12:00**
AM Pk Volume				331	324	**643**		**PM Pk Volume**				368	354	**691**
Pk Hr Factor				0.871	0.931	**0.940**		**Pk Hr Factor**				0.939	0.812	**0.890**
7 - 9 Volume	0	0		434	417	**851**		**4 - 6 Volume**	0	0		536	589	**1125**
7 - 9 Peak Hour				08:00	08:00	**08:00**		**4 - 6 Peak Hour**				16:15	16:30	**16:15**
7 - 9 Pk Volume	0	0		254	256	**510**		**4 - 6 Pk Volume**	0	0		291	334	**614**
Pk Hr Factor	0.000	0.000		0.934	0.928	**0.931**		**Pk Hr Factor**	0.000	0.000		0.933	0.843	**0.908**

Prepared by National Data & Surveying Services

VOLUME

Idaho Maryland Rd Bet. Brunswick Rd & SR 49

Day: Thursday
Date: 8/29/2019

City: Grass Valley
Project #: CA19_7289_008

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	3,690	3,672	7,362

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
00:00			4		1		5		12:00			73		65		138	
00:15			1		3		4		12:15			89		91		180	
00:30			3		0		3		12:30			65		79		144	
00:45			2	10	0	4	2	14	12:45			73	300	69	304	142	604
01:00			3		0		3		13:00			71		89		160	
01:15			1		0		1		13:15			81		71		152	
01:30			0		2		2		13:30			79		54		133	
01:45			0	4	0	2	0	6	13:45			95	326	66	280	161	606
02:00			1		0		1		14:00			72		61		133	
02:15			1		2		3		14:15			76		81		157	
02:30			3		1		4		14:30			63		64		127	
02:45			1	6	0	3	1	9	14:45			69	280	70	276	139	556
03:00			0		0		0		15:00			76		85		161	
03:15			2		2		4		15:15			80		74		154	
03:30			1		2		3		15:30			77		106		183	
03:45			4	7	1	5	5	12	15:45			84	317	102	367	186	684
04:00			1		1		2		16:00			80		83		163	
04:15			3		5		8		16:15			81		84		165	
04:30			7		5		12		16:30			79		108		187	
04:45			2	13	2	13	4	26	16:45			75	315	77	352	152	667
05:00			6		2		8		17:00			88		85		173	
05:15			7		21		28		17:15			77		99		176	
05:30			10		9		19		17:30			64		55		119	
05:45			16	39	14	46	30	85	17:45			52	281	42	281	94	562
06:00			10		18		28		18:00			49		35		84	
06:15			16		15		31		18:15			39		29		68	
06:30			40		23		63		18:30			38		43		81	
06:45			61	127	30	86	91	213	18:45			36	162	38	145	74	307
07:00			26		39		65		19:00			23		37		60	
07:15			43		34		77		19:15			30		37		67	
07:30			50		48		98		19:30			20		45		65	
07:45			66	185	59	180	125	365	19:45			22	95	23	142	45	237
08:00			68		59		127		20:00			29		33		62	
08:15			68		62		130		20:15			13		17		30	
08:30			61		58		119		20:30			11		23		34	
08:45			71	268	72	251	143	519	20:45			13	66	20	93	33	159
09:00			62		61		123		21:00			13		14		27	
09:15			61		43		104		21:15			10		11		21	
09:30			55		54		109		21:30			7		11		18	
09:45			72	250	70	228	142	478	21:45			11	41	10	46	21	87
10:00			61		60		121		22:00			6		7		13	
10:15			50		52		102		22:15			4		9		13	
10:30			85		68		153		22:30			4		2		6	
10:45			72	268	76	256	148	524	22:45			3	17	2	20	5	37
11:00			80		73		153		23:00			1		9		10	
11:15			70		65		135		23:15			2		3		5	
11:30			79		58		137		23:30			0		2		2	
11:45			79	308	80	276	159	584	23:45			2	5	2	16	4	21
TOTALS				1485		1350		2835	TOTALS				2205		2322		4527
SPLIT %				52.4%		47.6%		38.5%	SPLIT %				48.7%		51.3%		61.5%

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	3,690	3,672	7,362

AM Peak Hour				11:30	11:45	11:45	PM Peak Hour				13:15	15:45	15:45
AM Pk Volume				320	315	621	PM Pk Volume				327	377	701
Pk Hr Factor				0.899	0.865	0.863	Pk Hr Factor				0.861	0.873	0.937
7 - 9 Volume	0	0		453	431	884	4 - 6 Volume	0	0		596	633	1229
7 - 9 Peak Hour				08:00	08:00	08:00	4 - 6 Peak Hour				16:15	16:30	16:30
7 - 9 Pk Volume	0	0		268	251	519	4 - 6 Pk Volume	0	0		323	369	688
Pk Hr Factor	0.000	0.000		0.944	0.872	0.907	Pk Hr Factor	0.000	0.000		0.918	0.854	0.920

LOS APPENDICES

FOR

IDAHO - MARYLAND MINE PROJECT
TRAFFIC IMPACT ANALYSIS

Nevada County, CA

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FOR

IDAHO-MARYLAND MINE PROJECT
TRAFFIC IMPACT ANALYSIS

Nevada County, CA

LEVEL OF SERVICE CALCULATIONS AND QUEUING

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Rise Grass Valley Inc.

Prepared By:

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April 26, 2022

LEVEL OF SERVICE CALCULATIONS AND QUEUING

EXISTING

EXISTING PLUS APPROVED PROJECT (EPAP)

EPAP PLUS PROJECT – CENTENNIAL

EPAP PLUS PROJECT – SR 49

CUMULATIVE

CUMULATIVE PLUS PROJECT – CENTENNIAL

CUMULATIVE PLUS PROJECT – SR 49

Intersection	
Intersection Delay, s/veh	19
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	57	313	4	0	0	0	0	175	241	144	235	0
Future Vol, veh/h	57	313	4	0	0	0	0	175	241	144	235	0
Peak Hour Factor	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	63	344	4	0	0	0	0	192	265	158	258	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	14.7	27.2	14.3
HCM LOS	B	D	B

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	27%	0%	100%	0%
Vol Thru, %	42%	73%	98%	0%	100%
Vol Right, %	58%	0%	2%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	416	214	161	144	235
LT Vol	0	57	0	144	0
Through Vol	175	157	157	0	235
RT Vol	241	0	4	0	0
Lane Flow Rate	457	235	176	158	258
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.775	0.461	0.339	0.311	0.471
Departure Headway (Hd)	6.107	7.076	6.922	7.082	6.571
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	590	507	519	506	545
Service Time	4.165	4.841	4.687	4.853	4.342
HCM Lane V/C Ratio	0.775	0.464	0.339	0.312	0.473
HCM Control Delay	27.2	15.8	13.2	13	15.1
HCM Lane LOS	D	C	B	B	C
HCM 95th-tile Q	7.2	2.4	1.5	1.3	2.5

Intersection	
Intersection Delay, s/veh	22
Intersection LOS	C

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	265	36	38	326	268	424
Future Vol, veh/h	265	36	38	326	268	424
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93
Heavy Vehicles, %	3	2	5	31	11	14
Mvmt Flow	285	39	41	351	288	456
Number of Lanes	1	0	0	2	1	1

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	2	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	2	0	2
HCM Control Delay	20.3	16.3	25.7
HCM LOS	C	C	D

Lane	NBLn1	NBLn2	EBLn1	WBLn1	WBLn2
Vol Left, %	100%	0%	0%	26%	0%
Vol Thru, %	0%	0%	88%	74%	100%
Vol Right, %	0%	100%	12%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	268	424	301	147	217
LT Vol	268	0	0	38	0
Through Vol	0	0	265	109	217
RT Vol	0	424	36	0	0
Lane Flow Rate	288	456	324	158	234
Geometry Grp	7	7	4	7	7
Degree of Util (X)	0.594	0.792	0.615	0.324	0.501
Departure Headway (Hd)	7.42	6.251	6.846	7.395	7.715
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	484	579	524	484	465
Service Time	5.186	4.016	4.91	5.172	5.492
HCM Lane V/C Ratio	0.595	0.788	0.618	0.326	0.503
HCM Control Delay	20.6	28.9	20.3	13.7	18.1
HCM Lane LOS	C	D	C	B	C
HCM 95th-tile Q	3.8	7.6	4.1	1.4	2.7

Intersection	
Intersection Delay, s/veh	12.8
Intersection LOS	B

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	552	122	22	286	82	30
Future Vol, veh/h	552	122	22	286	82	30
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Heavy Vehicles, %	14	5	2	24	5	3
Mvmt Flow	581	128	23	301	86	32
Number of Lanes	2	0	0	2	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	2	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	2
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	1	0	2
HCM Control Delay	13.9	11.1	10.6
HCM LOS	B	B	B

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2
Vol Left, %	73%	0%	0%	19%	0%
Vol Thru, %	0%	100%	60%	81%	100%
Vol Right, %	27%	0%	40%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	112	368	306	117	191
LT Vol	82	0	0	22	0
Through Vol	0	368	184	95	191
RT Vol	30	0	122	0	0
Lane Flow Rate	118	387	322	124	201
Geometry Grp	2	7	7	7	7
Degree of Util (X)	0.197	0.585	0.447	0.196	0.334
Departure Headway (Hd)	6.017	5.435	5	5.705	5.988
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	591	659	715	622	594
Service Time	4.111	3.211	2.775	3.502	3.785
HCM Lane V/C Ratio	0.2	0.587	0.45	0.199	0.338
HCM Control Delay	10.6	15.7	11.8	9.9	11.8
HCM Lane LOS	B	C	B	A	B
HCM 95th-tile Q	0.7	3.8	2.3	0.7	1.5

Intersection	
Int Delay, s/veh	12.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	158	61	0	103	209	449	18	37	311	8
Future Vol, veh/h	0	0	158	61	0	103	209	449	18	37	311	8
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	0	550	-	-	120	-	150
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	94	94	94	94	94	94	94	94	94	94	94	94
Heavy Vehicles, %	2	2	8	2	2	2	12	17	2	2	14	2
Mvmt Flow	0	0	168	65	0	110	222	478	19	39	331	9

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	-	1350	331	1430	1350	488	340	0	0	497	0	0
Stage 1	-	409	-	932	932	-	-	-	-	-	-	-
Stage 2	-	941	-	498	418	-	-	-	-	-	-	-
Critical Hdwy	-	6.52	6.28	7.12	6.52	6.22	4.22	-	-	4.12	-	-
Critical Hdwy Stg 1	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	-	4.018	3.372	3.518	4.018	3.318	2.308	-	-	2.218	-	-
Pot Cap-1 Maneuver	0	150	697	112	150	580	1165	-	-	1067	-	-
Stage 1	0	596	-	320	345	-	-	-	-	-	-	-
Stage 2	0	342	-	554	591	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	-	117	697	71	117	580	1165	-	-	1067	-	-
Mov Cap-2 Maneuver	-	117	-	71	117	-	-	-	-	-	-	-
Stage 1	-	574	-	259	279	-	-	-	-	-	-	-
Stage 2	-	277	-	405	569	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	11.8	75.6	2.7	0.9
HCM LOS	B	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	1165	-	-	697	71	580	1067	-	-
HCM Lane V/C Ratio	0.191	-	-	0.241	0.914	0.189	0.037	-	-
HCM Control Delay (s)	8.8	-	-	11.8	182.1	12.6	8.5	-	-
HCM Lane LOS	A	-	-	B	F	B	A	-	-
HCM 95th %tile Q(veh)	0.7	-	-	0.9	4.6	0.7	0.1	-	-

Intersection	
Int Delay, s/veh	1.1

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	21	44	64	657	426	86
Future Vol, veh/h	21	44	64	657	426	86
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	90	90	90	90	90	90
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	23	49	71	730	473	96

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1393	285	569	0	-	0
Stage 1	521	-	-	-	-	-
Stage 2	872	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	144	710	990	-	-	-
Stage 1	562	-	-	-	-	-
Stage 2	408	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	134	710	990	-	-	-
Mov Cap-2 Maneuver	328	-	-	-	-	-
Stage 1	522	-	-	-	-	-
Stage 2	408	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	12.5	0.8	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	990	-	328	710	-	-
HCM Lane V/C Ratio	0.072	-	0.071	0.069	-	-
HCM Control Delay (s)	8.9	-	16.8	10.4	-	-
HCM Lane LOS	A	-	C	B	-	-
HCM 95th %tile Q(veh)	0.2	-	0.2	0.2	-	-

Intersection	
Intersection Delay, s/veh	25.5
Intersection LOS	D

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	29	21	12	25	45	171	20	475	12	51	191	26
Future Vol, veh/h	29	21	12	25	45	171	20	475	12	51	191	26
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Heavy Vehicles, %	3	2	2	2	2	4	2	9	2	3	9	3
Mvmt Flow	31	23	13	27	48	184	22	511	13	55	205	28
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	11.2	13.9	39.2	13.3
HCM LOS	B	B	E	B

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	47%	10%	100%	0%
Vol Thru, %	0%	98%	34%	19%	0%	88%
Vol Right, %	0%	2%	19%	71%	0%	12%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	20	487	62	241	51	217
LT Vol	20	0	29	25	51	0
Through Vol	0	475	21	45	0	191
RT Vol	0	12	12	171	0	26
Lane Flow Rate	22	524	67	259	55	233
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.039	0.893	0.132	0.442	0.106	0.418
Departure Headway (Hd)	6.542	6.137	7.112	6.138	7.053	6.561
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	543	586	506	591	511	553
Service Time	4.336	3.931	5.127	4.138	4.753	4.261
HCM Lane V/C Ratio	0.041	0.894	0.132	0.438	0.108	0.421
HCM Control Delay	9.6	40.4	11.2	13.9	10.6	13.9
HCM Lane LOS	A	E	B	B	B	B
HCM 95th-tile Q	0.1	10.6	0.5	2.3	0.4	2

Intersection	
Int Delay, s/veh	6.3

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	110	160	263	381	141	97
Future Vol, veh/h	110	160	263	381	141	97
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	3	13	10	5	3	2
Mvmt Flow	117	170	280	405	150	103

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	280	0	-	0	684	280
Stage 1	-	-	-	-	280	-
Stage 2	-	-	-	-	404	-
Critical Hdwy	4.13	-	-	-	6.43	6.22
Critical Hdwy Stg 1	-	-	-	-	5.43	-
Critical Hdwy Stg 2	-	-	-	-	5.43	-
Follow-up Hdwy	2.227	-	-	-	3.527	3.318
Pot Cap-1 Maneuver	1277	-	-	0	413	759
Stage 1	-	-	-	0	765	-
Stage 2	-	-	-	0	672	-
Platoon blocked, %			-	-		
Mov Cap-1 Maneuver	1277	-	-	-	375	759
Mov Cap-2 Maneuver	-	-	-	-	375	-
Stage 1	-	-	-	-	695	-
Stage 2	-	-	-	-	672	-

Approach	EB	WB	SB
HCM Control Delay, s	3.3	0	16.7
HCM LOS			C

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1277	-	-	375	759
HCM Lane V/C Ratio	0.092	-	-	0.4	0.136
HCM Control Delay (s)	8.1	-	-	20.9	10.5
HCM Lane LOS	A	-	-	C	B
HCM 95th %tile Q(veh)	0.3	-	-	1.9	0.5

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	0	0	507	228	0
Future Vol, veh/h	0	0	0	507	228	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	500	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	96	96	96	96	96	96
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	0	528	238	0

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	766	238	238	0	-	0
Stage 1	238	-	-	-	-	-
Stage 2	528	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	371	801	1329	-	-	-
Stage 1	802	-	-	-	-	-
Stage 2	592	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	371	801	1329	-	-	-
Mov Cap-2 Maneuver	531	-	-	-	-	-
Stage 1	802	-	-	-	-	-
Stage 2	592	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	0	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1329	-	-	-	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	0	-	-
HCM Lane LOS	A	-	A	-	-
HCM 95th %tile Q(veh)	0	-	-	-	-

Intersection	
Int Delay, s/veh	0

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	62	0	0	91	0	0
Future Vol, veh/h	62	0	0	91	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	67	0	0	99	0	0

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	67	0	166	67
Stage 1	-	-	-	-	67	-
Stage 2	-	-	-	-	99	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1535	-	824	997
Stage 1	-	-	-	-	956	-
Stage 2	-	-	-	-	925	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1535	-	824	997
Mov Cap-2 Maneuver	-	-	-	-	824	-
Stage 1	-	-	-	-	956	-
Stage 2	-	-	-	-	925	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	0
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	-	-	-	1535	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	-	-	-	0	-

Intersection	
Int Delay, s/veh	0.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	0	306	0	0	103	0	0	0	0	2	0	0
Future Vol, veh/h	0	306	0	0	103	0	0	0	0	2	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	84	84	84	84	84	84	84	84	84	84	84	84
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	364	0	0	123	0	0	0	0	2	0	0

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	123	0	0	364	0	0	487	487	364	487	487	123
Stage 1	-	-	-	-	-	-	364	364	-	123	123	-
Stage 2	-	-	-	-	-	-	123	123	-	364	364	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.12	6.52	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	1464	-	-	1195	-	-	491	481	681	491	481	928
Stage 1	-	-	-	-	-	-	655	624	-	881	794	-
Stage 2	-	-	-	-	-	-	881	794	-	655	624	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1464	-	-	1195	-	-	491	481	681	491	481	928
Mov Cap-2 Maneuver	-	-	-	-	-	-	491	481	-	491	481	-
Stage 1	-	-	-	-	-	-	655	624	-	881	794	-
Stage 2	-	-	-	-	-	-	881	794	-	655	624	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0	0	12.4
HCM LOS			A	B

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	-	1464	-	-	1195	-	-	491
HCM Lane V/C Ratio	-	-	-	-	-	-	-	0.005
HCM Control Delay (s)	0	0	-	-	0	-	-	12.4
HCM Lane LOS	A	A	-	-	A	-	-	B
HCM 95th %tile Q(veh)	-	0	-	-	0	-	-	0

Intersection	
Int Delay, s/veh	1.7

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	200	232	21	180	71	11
Future Vol, veh/h	200	232	21	180	71	11
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	175	100	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	97	97	97	97	97	97
Heavy Vehicles, %	4	8	2	8	5	2
Mvmt Flow	206	239	22	186	73	11

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	445	0	436	206
Stage 1	-	-	-	-	206	-
Stage 2	-	-	-	-	230	-
Critical Hdwy	-	-	4.12	-	6.45	6.22
Critical Hdwy Stg 1	-	-	-	-	5.45	-
Critical Hdwy Stg 2	-	-	-	-	5.45	-
Follow-up Hdwy	-	-	2.218	-	3.545	3.318
Pot Cap-1 Maneuver	-	-	1115	-	572	835
Stage 1	-	-	-	-	821	-
Stage 2	-	-	-	-	801	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1115	-	561	835
Mov Cap-2 Maneuver	-	-	-	-	561	-
Stage 1	-	-	-	-	821	-
Stage 2	-	-	-	-	785	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.9	12.2
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	587	-	-	1115	-
HCM Lane V/C Ratio	0.144	-	-	0.019	-
HCM Control Delay (s)	12.2	-	-	8.3	-
HCM Lane LOS	B	-	-	A	-
HCM 95th %tile Q(veh)	0.5	-	-	0.1	-

Intersection	
Intersection Delay, s/veh	9.3
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	100	101	101	88	38	94
Future Vol, veh/h	100	101	101	88	38	94
Peak Hour Factor	0.85	0.85	0.85	0.85	0.85	0.85
Heavy Vehicles, %	3	3	7	2	2	3
Mvmt Flow	118	119	119	104	45	111
Number of Lanes	0	1	1	0	1	1

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	2	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	2	1
HCM Control Delay	9.8	9.1	8.7
HCM LOS	A	A	A

Lane	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	50%	0%	100%	0%
Vol Thru, %	50%	53%	0%	0%
Vol Right, %	0%	47%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	201	189	38	94
LT Vol	100	0	38	0
Through Vol	101	101	0	0
RT Vol	0	88	0	94
Lane Flow Rate	236	222	45	111
Geometry Grp	2	2	7	7
Degree of Util (X)	0.308	0.272	0.075	0.15
Departure Headway (Hd)	4.688	4.408	6.074	4.88
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	766	814	589	732
Service Time	2.72	2.441	3.82	2.626
HCM Lane V/C Ratio	0.308	0.273	0.076	0.152
HCM Control Delay	9.8	9.1	9.3	8.5
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	1.3	1.1	0.2	0.5

Intersection	
Intersection Delay, s/veh	8.8
Intersection LOS	A

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	91	52	84	84	84	71
Future Vol, veh/h	91	52	84	84	84	71
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	101	58	93	93	93	79
Number of Lanes	1	0	0	1	1	1

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	8.9	9.3	8.1
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	SBLn1	SBLn2
Vol Left, %	50%	64%	0%	0%
Vol Thru, %	50%	0%	100%	0%
Vol Right, %	0%	36%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	168	143	84	71
LT Vol	84	91	0	0
Through Vol	84	0	84	0
RT Vol	0	52	0	71
Lane Flow Rate	187	159	93	79
Geometry Grp	5	2	7	7
Degree of Util (X)	0.244	0.206	0.132	0.096
Departure Headway (Hd)	4.713	4.668	5.084	4.379
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	762	769	706	818
Service Time	2.741	2.695	2.811	2.106
HCM Lane V/C Ratio	0.245	0.207	0.132	0.097
HCM Control Delay	9.3	8.9	8.6	7.6
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	1	0.8	0.5	0.3

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	54	181	540	135	275	214
Future Volume (veh/h)	54	181	540	135	275	214
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1826	1796	1767	1826	1767	1767
Adj Flow Rate, veh/h	59	197	587	147	299	233
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	7	9	5	9	9
Cap, veh/h	236	529	684	599	356	1209
Arrive On Green	0.14	0.14	0.39	0.39	0.21	0.68
Sat Flow, veh/h	1739	1522	1767	1547	1682	1767
Grp Volume(v), veh/h	59	197	587	147	299	233
Grp Sat Flow(s),veh/h/ln	1739	1522	1767	1547	1682	1767
Q Serve(g_s), s	1.8	5.8	18.2	3.8	10.1	2.9
Cycle Q Clear(g_c), s	1.8	5.8	18.2	3.8	10.1	2.9
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	236	529	684	599	356	1209
V/C Ratio(X)	0.25	0.37	0.86	0.25	0.84	0.19
Avail Cap(c_a), veh/h	412	682	896	785	562	1460
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	23.0	14.6	16.7	12.3	22.5	3.4
Incr Delay (d2), s/veh	0.5	0.4	6.6	0.2	6.5	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	1.8	7.0	1.1	4.1	0.5
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	23.6	15.0	23.4	12.6	29.0	3.5
LnGrp LOS	C	B	C	B	C	A
Approach Vol, veh/h	256		734			532
Approach Delay, s/veh	17.0		21.2			17.8
Approach LOS	B		C			B

Timer - Assigned Phs	1	2			6	8
Phs Duration (G+Y+Rc), s	17.7	28.9			46.5	13.0
Change Period (Y+Rc), s	5.1	5.8			5.8	4.9
Max Green Setting (Gmax), s	12.6	30.2			49.2	14.1
Max Q Clear Time (g_c+I1), s	12.1	20.2			4.9	7.8
Green Ext Time (p_c), s	0.5	2.9			1.3	0.4

Intersection Summary	
HCM 6th Ctrl Delay	19.3
HCM 6th LOS	B

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	59	197	587	147	299	233
v/c Ratio	0.25	0.29	0.78	0.20	0.66	0.15
Control Delay	31.8	5.8	26.3	3.9	30.6	2.9
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	31.8	5.8	26.3	3.9	30.6	2.9
Queue Length 50th (ft)	24	14	213	0	120	23
Queue Length 95th (ft)	59	50	#422	33	212	49
Internal Link Dist (ft)	770		615			753
Turn Bay Length (ft)	165			405	410	
Base Capacity (vph)	451	816	1017	929	636	1531
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.13	0.24	0.58	0.16	0.47	0.15

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

1: Tinloy St /Tinloy St & Neal St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	0.3	0.0	0.1
Total Del/Veh (s)	9.1	28.6	6.4	14.5

2: SR 49 On-Ramp/Tinloy St & Auburn St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	1.3	0.0	0.6
Total Del/Veh (s)	5.4	9.1	16.5	10.4

3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.2	0.0	0.3	0.2
Total Del/Veh (s)	8.4	9.2	1.2	6.2

8: Main St & Maltman Dr/Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	1.5	1.8	0.9
Total Del/Veh (s)	14.1	8.0	12.7	12.2	10.5

9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.1	0.5	2.8	0.8
Total Del/Veh (s)	9.9	12.6	14.2	34.3	17.7

10: Brunswick Rd & SR 49/20 EB On Ramp Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	7.1	7.2	25.5	13.2

11: Sutton Way & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.5	1.6	0.0	0.3
Total Del/Veh (s)	10.9	19.0	17.3	5.0	12.4

22: SR 49 EB Ramps & Dorsey Dr Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	1.0	0.6
Total Del/Veh (s)	15.2	17.0	10.2	12.6

23: Dorsey Dr & Sr 49 WB Ramps Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	1.8	0.0	0.1	0.5
Total Del/Veh (s)	8.1	5.1	8.7	6.5

Total Zone Performance

Denied Del/Veh (s)	1.1
Total Del/Veh (s)	273.6

Intersection: 1: Tinloy St /Tinloy St & Neal St

Movement	EB	WB	SB	SB
Directions Served	TR	LT	LT	TR
Maximum Queue (ft)	106	325	117	89
Average Queue (ft)	70	130	53	33
95th Queue (ft)	115	265	98	68
Link Distance (ft)	93	1538	960	960
Upstream Blk Time (%)	5			
Queuing Penalty (veh)	15			
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 2: SR 49 On-Ramp/Tinloy St & Auburn St

Movement	EB	WB	WB	SB	SB
Directions Served	TR	LT	T	LT	TR
Maximum Queue (ft)	128	123	195	121	106
Average Queue (ft)	56	41	84	72	49
95th Queue (ft)	99	93	153	115	92
Link Distance (ft)	135		897	99	99
Upstream Blk Time (%)	0			4	1
Queuing Penalty (veh)	1			6	1
Storage Bay Dist (ft)		100			
Storage Blk Time (%)		0	3		
Queuing Penalty (veh)		0	8		

Intersection: 3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp

Movement	WB	WB	NB	NB	SB
Directions Served	LT	TR	L	T	TR
Maximum Queue (ft)	114	108	35	80	28
Average Queue (ft)	62	51	11	42	2
95th Queue (ft)	96	83	35	65	13
Link Distance (ft)	1196	1196		262	402
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)			100		
Storage Blk Time (%)				0	
Queuing Penalty (veh)				0	

Intersection: 8: Main St & Maltman Dr/Brunswick Rd

Movement	EB	WB	WB	WB	NB	NB	SB	SB	SB
Directions Served	LTR	L	LT	R	T	R	L	L	T
Maximum Queue (ft)	55	106	111	128	139	115	105	145	120
Average Queue (ft)	19	41	50	47	61	42	31	70	49
95th Queue (ft)	47	80	89	97	110	81	75	119	98
Link Distance (ft)	777	160	160	160	1486				1622
Upstream Blk Time (%)		0	0	0					
Queuing Penalty (veh)		0	0	0					
Storage Bay Dist (ft)						115	360	360	
Storage Blk Time (%)					1	0			
Queuing Penalty (veh)					1	0			

Intersection: 9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd

Movement	EB	EB	WB	WB	WB	NB	NB	SB	SB	SB	SB
Directions Served	T	TR	L	T	T	LT	R	L	L	T	R
Maximum Queue (ft)	148	177	102	162	165	68	92	167	202	88	75
Average Queue (ft)	50	75	57	52	76	20	45	72	116	29	39
95th Queue (ft)	116	150	95	128	151	53	77	145	177	68	66
Link Distance (ft)	160	160		103	103		1666			1351	
Upstream Blk Time (%)	0	1	1	2	3						
Queuing Penalty (veh)	0	1	0	6	10						
Storage Bay Dist (ft)			140			100		240	240		240
Storage Blk Time (%)			1	2		0	0		0		
Queuing Penalty (veh)			2	2		0	0		0		

Intersection: 10: Brunswick Rd & SR 49/20 EB On Ramp

Movement	EB	EB	WB	WB	NB	NB	B52
Directions Served	T	TR	T	T	<	R	T
Maximum Queue (ft)	135	124	128	132	214	238	452
Average Queue (ft)	45	39	25	30	156	138	76
95th Queue (ft)	108	95	77	88	227	234	305
Link Distance (ft)	456	456	334	334	145	145	915
Upstream Blk Time (%)					16	12	
Queuing Penalty (veh)					0	0	
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 11: Sutton Way & Brunswick Rd

Movement	EB	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB
Directions Served	L	L	T	T	R	UL	T	TR	L	L	TR	L
Maximum Queue (ft)	86	107	154	176	129	106	155	219	55	122	88	68
Average Queue (ft)	33	54	71	87	60	50	75	116	15	57	36	31
95th Queue (ft)	70	90	130	145	106	89	132	188	42	100	70	62
Link Distance (ft)			334	334			1884	1884		1476		229
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	240	240			240	120			280		280	
Storage Blk Time (%)				0		0	2					
Queuing Penalty (veh)				0		0	1					

Intersection: 11: Sutton Way & Brunswick Rd

Movement	SB
Directions Served	T
Maximum Queue (ft)	82
Average Queue (ft)	32
95th Queue (ft)	66
Link Distance (ft)	229
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 22: SR 49 EB Ramps & Dorsey Dr

Movement	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	T	T	TR	L	LT	R
Maximum Queue (ft)	131	118	34	63	77	94	252	84
Average Queue (ft)	48	49	5	25	32	16	114	16
95th Queue (ft)	99	98	21	51	61	59	204	55
Link Distance (ft)	211	211		1564	1564		800	
Upstream Blk Time (%)	0							
Queuing Penalty (veh)	0							
Storage Bay Dist (ft)			140			220		220
Storage Blk Time (%)							0	
Queuing Penalty (veh)							1	

Intersection: 23: Dorsey Dr & Sr 49 WB Ramps

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	R	L	T	T	LT	R
Maximum Queue (ft)	126	72	72	143	154	75	84
Average Queue (ft)	51	23	23	51	48	28	41
95th Queue (ft)	102	51	58	106	113	62	70
Link Distance (ft)	548		211	211	211	1120	1120
Upstream Blk Time (%)				0			
Queuing Penalty (veh)				0			
Storage Bay Dist (ft)		155					
Storage Blk Time (%)	0						
Queuing Penalty (veh)	0						

Zone Summary

Zone wide Queuing Penalty: 53

MOVEMENT SUMMARY

Site: 5 [Main St / Idaho Maryland Rd]

AM Peak
Site Category: (None)
Roundabout

Movement Performance - Vehicles												
Mov ID	Turn	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: SR 49 Ramps												
3	L2	30	3.0	0.233	7.4	LOS A	1.0	25.5	0.60	0.58	0.60	33.5
8	T1	63	3.0	0.233	7.4	LOS A	1.0	25.5	0.60	0.58	0.60	33.4
18	R2	82	3.0	0.233	7.4	LOS A	1.0	25.5	0.60	0.58	0.60	32.5
Approach		176	3.0	0.233	7.4	LOS A	1.0	25.5	0.60	0.58	0.60	33.0
East: Idaho Maryland Rd												
1	L2	208	3.0	0.213	5.8	LOS A	0.9	22.9	0.48	0.39	0.48	32.2
6	T1	133	3.0	0.413	8.3	LOS A	2.1	53.0	0.57	0.50	0.57	33.4
16	R2	270	3.0	0.413	8.3	LOS A	2.1	53.0	0.57	0.50	0.57	32.3
Approach		611	3.0	0.413	7.4	LOS A	2.1	53.0	0.54	0.46	0.54	32.5
North: Main St												
7	L2	126	3.0	0.310	6.8	LOS A	1.3	34.3	0.49	0.42	0.49	33.2
4	T1	183	3.0	0.310	6.8	LOS A	1.3	34.3	0.49	0.42	0.49	33.2
14	R2	207	3.0	0.127	0.0	LOS A	0.0	0.0	0.00	0.00	0.00	37.2
Approach		516	3.0	0.310	4.1	LOS A	1.3	34.3	0.29	0.25	0.29	34.6
West: Main St												
5	L2	276	3.0	0.499	10.6	LOS B	3.3	83.8	0.65	0.75	0.92	31.0
2	T1	148	3.0	0.499	10.6	LOS B	3.3	83.8	0.65	0.75	0.92	30.9
12	R2	14	3.0	0.499	10.6	LOS B	3.3	83.8	0.65	0.75	0.92	30.1
Approach		438	3.0	0.499	10.6	LOS B	3.3	83.8	0.65	0.75	0.92	30.9
All Vehicles		1740	3.0	0.499	7.2	LOS A	3.3	83.8	0.50	0.49	0.57	32.7

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Signalised Intersections.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

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Intersection	
Intersection Delay, s/veh	15.4
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	60	282	1	0	0	0	0	119	145	171	318	0
Future Vol, veh/h	60	282	1	0	0	0	0	119	145	171	318	0
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	67	313	1	0	0	0	0	132	161	190	353	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	13.8	15.3	16.5
HCM LOS	B	C	C

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	30%	0%	100%	0%
Vol Thru, %	45%	70%	99%	0%	100%
Vol Right, %	55%	0%	1%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	264	201	142	171	318
LT Vol	0	60	0	171	0
Through Vol	119	141	141	0	318
RT Vol	145	0	1	0	0
Lane Flow Rate	293	223	158	190	353
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.502	0.43	0.297	0.355	0.61
Departure Headway (Hd)	6.157	6.925	6.768	6.725	6.217
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	584	520	530	534	579
Service Time	4.207	4.678	4.521	4.477	3.969
HCM Lane V/C Ratio	0.502	0.429	0.298	0.356	0.61
HCM Control Delay	15.3	14.8	12.4	13.2	18.3
HCM Lane LOS	C	B	B	B	C
HCM 95th-tile Q	2.8	2.1	1.2	1.6	4.1

Intersection	
Intersection Delay, s/veh	26.5
Intersection LOS	D

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	186	37	56	689	169	195
Future Vol, veh/h	186	37	56	689	169	195
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles, %	4	6	2	12	6	28
Mvmt Flow	207	41	62	766	188	217
Number of Lanes	1	0	0	2	1	1

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	2	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	2	0	2
HCM Control Delay	15.1	35.3	15.3
HCM LOS	C	E	C

Lane	NBLn1	NBLn2	EBLn1	WBLn1	WBLn2
Vol Left, %	100%	0%	0%	20%	0%
Vol Thru, %	0%	0%	83%	80%	100%
Vol Right, %	0%	100%	17%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	169	195	223	286	459
LT Vol	169	0	0	56	0
Through Vol	0	0	186	230	459
RT Vol	0	195	37	0	0
Lane Flow Rate	188	217	248	317	510
Geometry Grp	7	7	4	7	7
Degree of Util (X)	0.407	0.419	0.454	0.566	0.921
Departure Headway (Hd)	7.803	6.961	6.594	6.421	6.494
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	460	516	545	562	556
Service Time	5.561	4.719	4.648	4.176	4.249
HCM Lane V/C Ratio	0.409	0.421	0.455	0.564	0.917
HCM Control Delay	15.9	14.7	15.1	17.3	46.5
HCM Lane LOS	C	B	C	C	E
HCM 95th-tile Q	1.9	2.1	2.3	3.5	11.3

Intersection	
Intersection Delay, s/veh	17.5
Intersection LOS	C

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	365	72	23	629	93	30
Future Vol, veh/h	365	72	23	629	93	30
Peak Hour Factor	0.87	0.87	0.87	0.87	0.87	0.87
Heavy Vehicles, %	39	4	2	7	5	2
Mvmt Flow	420	83	26	723	107	34
Number of Lanes	2	0	0	2	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	2	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	2
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	1	0	2
HCM Control Delay	14.1	20.9	11.9
HCM LOS	B	C	B

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2
Vol Left, %	76%	0%	0%	10%	0%
Vol Thru, %	0%	100%	63%	90%	100%
Vol Right, %	24%	0%	37%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	123	243	194	233	419
LT Vol	93	0	0	23	0
Through Vol	0	243	122	210	419
RT Vol	30	0	72	0	0
Lane Flow Rate	141	280	223	267	482
Geometry Grp	2	7	7	7	7
Degree of Util (X)	0.258	0.511	0.354	0.426	0.772
Departure Headway (Hd)	6.562	6.583	5.717	5.73	5.766
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	547	548	630	628	627
Service Time	4.597	4.32	3.454	3.461	3.497
HCM Lane V/C Ratio	0.258	0.511	0.354	0.425	0.769
HCM Control Delay	11.9	16	11.6	12.7	25.4
HCM Lane LOS	B	C	B	B	D
HCM 95th-tile Q	1	2.9	1.6	2.1	7.2

Intersection	
Int Delay, s/veh	7.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	196	23	0	72	234	460	52	90	445	14
Future Vol, veh/h	0	0	196	23	0	72	234	460	52	90	445	14
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	0	50	-	0	550	-	-	120	-	150
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	97	97	97	97	97	97	97	97	97	97	97	97
Heavy Vehicles, %	2	2	5	2	2	2	4	5	2	2	12	2
Mvmt Flow	0	0	202	24	0	74	241	474	54	93	459	14

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	-	-	459	1736	-	501	473	0	0	528	0	0
Stage 1	-	-	-	983	-	-	-	-	-	-	-	-
Stage 2	-	-	-	753	-	-	-	-	-	-	-	-
Critical Hdwy	-	-	6.25	7.12	-	6.22	4.14	-	-	4.12	-	-
Critical Hdwy Stg 1	-	-	-	6.12	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	6.12	-	-	-	-	-	-	-	-
Follow-up Hdwy	-	-	3.345	3.518	-	3.318	2.236	-	-	2.218	-	-
Pot Cap-1 Maneuver	0	0	596	69	0	570	1079	-	-	1039	-	-
Stage 1	0	0	-	299	0	-	-	-	-	-	-	-
Stage 2	0	0	-	402	0	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	-	-	596	35	-	570	1079	-	-	1039	-	-
Mov Cap-2 Maneuver	-	-	-	35	-	-	-	-	-	-	-	-
Stage 1	-	-	-	232	-	-	-	-	-	-	-	-
Stage 2	-	-	-	242	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	14.1	64.2	2.9	1.4
HCM LOS	B	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	1079	-	-	596	35	570	1039	-	-
HCM Lane V/C Ratio	0.224	-	-	0.339	0.677	0.13	0.089	-	-
HCM Control Delay (s)	9.3	-	-	14.1	226.7	12.3	8.8	-	-
HCM Lane LOS	A	-	-	B	F	B	A	-	-
HCM 95th %tile Q(veh)	0.9	-	-	1.5	2.4	0.4	0.3	-	-

Intersection	
Int Delay, s/veh	1.7

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	85	53	23	658	618	40
Future Vol, veh/h	85	53	23	658	618	40
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	89	56	24	693	651	42

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1413	347	693	0	-	0
Stage 1	672	-	-	-	-	-
Stage 2	741	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	140	647	889	-	-	-
Stage 1	470	-	-	-	-	-
Stage 2	470	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	136	647	889	-	-	-
Mov Cap-2 Maneuver	336	-	-	-	-	-
Stage 1	457	-	-	-	-	-
Stage 2	470	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	16.3	0.3	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	889	-	336	647	-	-
HCM Lane V/C Ratio	0.027	-	0.266	0.086	-	-
HCM Control Delay (s)	9.2	-	19.6	11.1	-	-
HCM Lane LOS	A	-	C	B	-	-
HCM 95th %tile Q(veh)	0.1	-	1.1	0.3	-	-

Intersection	
Intersection Delay, s/veh	20.7
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	18	21	19	24	37	75	9	311	34	138	483	30
Future Vol, veh/h	18	21	19	24	37	75	9	311	34	138	483	30
Peak Hour Factor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Heavy Vehicles, %	2	2	2	2	2	4	2	9	2	4	9	3
Mvmt Flow	18	21	19	24	37	76	9	314	34	139	488	30
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	10.6	11.3	16.9	25.7
HCM LOS	B	B	C	D

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	31%	18%	100%	0%
Vol Thru, %	0%	90%	36%	27%	0%	94%
Vol Right, %	0%	10%	33%	55%	0%	6%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	9	345	58	136	138	513
LT Vol	9	0	18	24	138	0
Through Vol	0	311	21	37	0	483
RT Vol	0	34	19	75	0	30
Lane Flow Rate	9	348	59	137	139	518
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.016	0.587	0.109	0.239	0.24	0.824
Departure Headway (Hd)	6.522	6.065	6.675	6.263	6.186	5.725
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	548	592	534	571	580	632
Service Time	4.272	3.815	4.749	4.326	3.925	3.464
HCM Lane V/C Ratio	0.016	0.588	0.11	0.24	0.24	0.82
HCM Control Delay	9.4	17.1	10.6	11.3	10.9	29.7
HCM Lane LOS	A	C	B	B	B	D
HCM 95th-tile Q	0	3.8	0.4	0.9	0.9	8.6

Intersection	
Int Delay, s/veh	35.4

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	72	226	239	254	386	107
Future Vol, veh/h	72	226	239	254	386	107
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	3	2	2
Mvmt Flow	78	246	260	276	420	116

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	260	0	-	0	662	260
Stage 1	-	-	-	-	260	-
Stage 2	-	-	-	-	402	-
Critical Hdwy	4.12	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1304	-	-	0	427	779
Stage 1	-	-	-	0	783	-
Stage 2	-	-	-	0	676	-
Platoon blocked, %			-	-		
Mov Cap-1 Maneuver	1304	-	-	-	~ 401	779
Mov Cap-2 Maneuver	-	-	-	-	~ 401	-
Stage 1	-	-	-	-	736	-
Stage 2	-	-	-	-	676	-

Approach	EB	WB	SB
HCM Control Delay, s	1.9	0	72.9
HCM LOS			F

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1304	-	-	401	779
HCM Lane V/C Ratio	0.06	-	-	1.046	0.149
HCM Control Delay (s)	7.9	-	-	90.2	10.4
HCM Lane LOS	A	-	-	F	B
HCM 95th %tile Q(veh)	0.2	-	-	13.8	0.5

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	0	0	354	526	0
Future Vol, veh/h	0	0	0	354	526	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	500	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	0	385	572	0

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	957	572	572	0	-	0
Stage 1	572	-	-	-	-	-
Stage 2	385	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	286	520	1001	-	-	-
Stage 1	565	-	-	-	-	-
Stage 2	688	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	286	520	1001	-	-	-
Mov Cap-2 Maneuver	478	-	-	-	-	-
Stage 1	565	-	-	-	-	-
Stage 2	688	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	0	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1001	-	-	-	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	0	-	-
HCM Lane LOS	A	-	A	-	-
HCM 95th %tile Q(veh)	0	-	-	-	-

Intersection	
Int Delay, s/veh	0

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	58	0	0	76	0	0
Future Vol, veh/h	58	0	0	76	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	63	0	0	83	0	0

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	63	0	146	63
Stage 1	-	-	-	-	63	-
Stage 2	-	-	-	-	83	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1540	-	846	1002
Stage 1	-	-	-	-	960	-
Stage 2	-	-	-	-	940	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1540	-	846	1002
Mov Cap-2 Maneuver	-	-	-	-	846	-
Stage 1	-	-	-	-	960	-
Stage 2	-	-	-	-	940	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	0
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	-	-	-	1540	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	-	-	-	0	-

Intersection	
Int Delay, s/veh	0.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		⇕			⇕			⇕			⇕	
Traffic Vol, veh/h	1	114	0	0	261	0	0	0	0	0	0	0
Future Vol, veh/h	1	114	0	0	261	0	0	0	0	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	75	75	75	75	75	75	75	75	75	75	75	75
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	4	152	0	0	348	0	0	0	0	0	0	0

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	348	0	0	152	0	0	508	508	152	508	508	348
Stage 1	-	-	-	-	-	-	160	160	-	348	348	-
Stage 2	-	-	-	-	-	-	348	348	-	160	160	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.12	6.52	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	1211	-	-	1429	-	-	475	468	894	475	468	695
Stage 1	-	-	-	-	-	-	842	766	-	668	634	-
Stage 2	-	-	-	-	-	-	668	634	-	842	766	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1211	-	-	1429	-	-	474	466	894	474	466	695
Mov Cap-2 Maneuver	-	-	-	-	-	-	474	466	-	474	466	-
Stage 1	-	-	-	-	-	-	839	763	-	665	634	-
Stage 2	-	-	-	-	-	-	668	634	-	839	763	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0.2	0	0	0
HCM LOS			A	A

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	-	1211	-	-	1429	-	-	-
HCM Lane V/C Ratio	-	0.003	-	-	-	-	-	-
HCM Control Delay (s)	0	8	0	-	0	-	-	0
HCM Lane LOS	A	A	A	-	A	-	-	A
HCM 95th %tile Q(veh)	-	0	-	-	0	-	-	-

Intersection	
Int Delay, s/veh	15.9

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	260	117	9	357	240	32
Future Vol, veh/h	260	117	9	357	240	32
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	175	100	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	80	80	80	80	80	80
Heavy Vehicles, %	12	10	2	7	2	9
Mvmt Flow	325	146	11	446	300	40

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	471	0	793	325
Stage 1	-	-	-	-	325	-
Stage 2	-	-	-	-	468	-
Critical Hdwy	-	-	4.12	-	6.42	6.29
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.381
Pot Cap-1 Maneuver	-	-	1091	-	358	700
Stage 1	-	-	-	-	732	-
Stage 2	-	-	-	-	630	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1091	-	354	700
Mov Cap-2 Maneuver	-	-	-	-	354	-
Stage 1	-	-	-	-	732	-
Stage 2	-	-	-	-	624	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.2	59.1
HCM LOS			F

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	376	-	-	1091	-
HCM Lane V/C Ratio	0.904	-	-	0.01	-
HCM Control Delay (s)	59.1	-	-	8.3	-
HCM Lane LOS	F	-	-	A	-
HCM 95th %tile Q(veh)	9.3	-	-	0	-

Intersection	
Intersection Delay, s/veh	12.5
Intersection LOS	B

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	181	102	186	67	107	190
Future Vol, veh/h	181	102	186	67	107	190
Peak Hour Factor	0.85	0.85	0.85	0.85	0.85	0.85
Heavy Vehicles, %	2	8	3	2	2	4
Mvmt Flow	213	120	219	79	126	224
Number of Lanes	0	1	1	0	1	1

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	2	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	2	1
HCM Control Delay	14	12.3	11.2
HCM LOS	B	B	B

Lane	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	64%	0%	100%	0%
Vol Thru, %	36%	74%	0%	0%
Vol Right, %	0%	26%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	283	253	107	190
LT Vol	181	0	107	0
Through Vol	102	186	0	0
RT Vol	0	67	0	190
Lane Flow Rate	333	298	126	224
Geometry Grp	2	2	7	7
Degree of Util (X)	0.505	0.435	0.234	0.343
Departure Headway (Hd)	5.459	5.258	6.702	5.519
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	659	685	536	653
Service Time	3.492	3.292	4.436	3.253
HCM Lane V/C Ratio	0.505	0.435	0.235	0.343
HCM Control Delay	14	12.3	11.5	11.1
HCM Lane LOS	B	B	B	B
HCM 95th-tile Q	2.9	2.2	0.9	1.5

Intersection	
Intersection Delay, s/veh	11.7
Intersection LOS	B

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	133	100	72	166	171	168
Future Vol, veh/h	133	100	72	166	171	168
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	160	120	87	200	206	202
Number of Lanes	1	0	0	1	1	1

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	12.5	12.6	10.5
HCM LOS	B	B	B

Lane	NBLn1	EBLn1	SBLn1	SBLn2
Vol Left, %	30%	57%	0%	0%
Vol Thru, %	70%	0%	100%	0%
Vol Right, %	0%	43%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	238	233	171	168
LT Vol	72	133	0	0
Through Vol	166	0	171	0
RT Vol	0	100	0	168
Lane Flow Rate	287	281	206	202
Geometry Grp	5	2	7	7
Degree of Util (X)	0.433	0.425	0.327	0.282
Departure Headway (Hd)	5.436	5.45	5.719	5.01
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	662	663	630	719
Service Time	3.463	3.479	3.445	2.736
HCM Lane V/C Ratio	0.434	0.424	0.327	0.281
HCM Control Delay	12.6	12.5	11.2	9.7
HCM Lane LOS	B	B	B	A
HCM 95th-tile Q	2.2	2.1	1.4	1.2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	146	322	359	45	117	505
Future Volume (veh/h)	146	322	359	45	117	505
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1826	1781	1767	1826	1767	1767
Adj Flow Rate, veh/h	159	350	390	49	127	549
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	8	9	5	9	9
Cap, veh/h	446	536	521	456	165	899
Arrive On Green	0.26	0.26	0.29	0.29	0.10	0.51
Sat Flow, veh/h	1739	1510	1767	1547	1682	1767
Grp Volume(v), veh/h	159	350	390	49	127	549
Grp Sat Flow(s),veh/h/ln	1739	1510	1767	1547	1682	1767
Q Serve(g_s), s	3.3	8.6	8.8	1.0	3.2	9.7
Cycle Q Clear(g_c), s	3.3	8.6	8.8	1.0	3.2	9.7
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	446	536	521	456	165	899
V/C Ratio(X)	0.36	0.65	0.75	0.11	0.77	0.61
Avail Cap(c_a), veh/h	574	646	1214	1063	762	1978
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	13.4	11.9	14.0	11.3	19.3	7.7
Incr Delay (d2), s/veh	0.5	1.8	2.2	0.1	7.3	0.7
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.1	2.5	2.8	0.3	1.4	2.1
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	13.9	13.7	16.2	11.4	26.6	8.4
LnGrp LOS	B	B	B	B	C	A
Approach Vol, veh/h	509		439			676
Approach Delay, s/veh	13.7		15.7			11.8
Approach LOS	B		B			B

Timer - Assigned Phs	1	2				6	8
Phs Duration (G+Y+Rc), s	9.4	18.8				28.2	15.8
Change Period (Y+Rc), s	5.1	5.8				5.8	4.5
Max Green Setting (Gmax), s	4.3	30.2				49.2	14.5
Max Q Clear Time (g_c+I1), s	5.2	10.8				11.7	10.6
Green Ext Time (p_c), s	0.2	2.2				3.5	0.7

Intersection Summary	
HCM 6th Ctrl Delay	13.4
HCM 6th LOS	B

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	159	350	390	49	127	549
v/c Ratio	0.44	0.43	0.63	0.09	0.38	0.44
Control Delay	26.3	4.5	21.2	5.4	25.3	6.9
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	26.3	4.5	21.2	5.4	25.3	6.9
Queue Length 50th (ft)	43	10	101	0	35	81
Queue Length 95th (ft)	121	60	221	19	96	162
Internal Link Dist (ft)	1047		692			753
Turn Bay Length (ft)	165			405	410	
Base Capacity (vph)	542	1108	1145	991	744	1690
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.29	0.32	0.34	0.05	0.17	0.32

Intersection Summary

1: Tinloy St /Tinloy St & Neal St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	0.2	0.0	0.1
Total Del/Veh (s)	10.5	21.4	5.6	10.9

2: SR 49 On-Ramp/Tinloy St & Auburn St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	1.0	0.0	0.4
Total Del/Veh (s)	5.8	8.4	18.6	10.3

3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.2	0.0	0.5	0.3
Total Del/Veh (s)	11.0	9.8	1.9	7.0

8: Main St & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	1.6	2.1	1.2
Total Del/Veh (s)	16.3	10.2	16.3	15.3	13.6

9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.0	0.5	2.7	0.7
Total Del/Veh (s)	14.0	14.7	18.9	37.6	20.8

10: Brunswick Rd & SR 49/20 EB On Ramp Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	8.0	8.9	25.7	12.6

11: Sutton Way & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.6	1.5	0.0	0.5
Total Del/Veh (s)	16.6	33.5	29.3	12.4	22.8

22: SR 49 EB Ramps & Dorsey Dr Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.1	1.7	0.5
Total Del/Veh (s)	14.3	14.8	11.5	13.7

23: Dorsey Dr & Sr 49 WB Ramps Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	2.3	0.0	0.2	1.2
Total Del/Veh (s)	8.8	7.9	10.6	8.8

Total Zone Performance

Denied Del/Veh (s)	1.3
Total Del/Veh (s)	659.3

Intersection: 1: Tinloy St /Tinloy St & Neal St

Movement	EB	WB	SB	SB
Directions Served	TR	LT	LT	TR
Maximum Queue (ft)	111	211	99	93
Average Queue (ft)	75	93	44	44
95th Queue (ft)	118	168	82	81
Link Distance (ft)	93	1538	960	960
Upstream Blk Time (%)	7			
Queuing Penalty (veh)	22			
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 2: SR 49 On-Ramp/Tinloy St & Auburn St

Movement	EB	WB	WB	SB	SB
Directions Served	TR	LT	T	LT	TR
Maximum Queue (ft)	143	111	161	126	116
Average Queue (ft)	83	32	80	78	62
95th Queue (ft)	138	76	135	120	107
Link Distance (ft)	135		897	99	99
Upstream Blk Time (%)	1			5	2
Queuing Penalty (veh)	4			8	3
Storage Bay Dist (ft)		100			
Storage Blk Time (%)		0	3		
Queuing Penalty (veh)		0	5		

Intersection: 3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp

Movement	WB	WB	NB	NB	SB
Directions Served	LT	TR	L	T	TR
Maximum Queue (ft)	144	138	41	76	50
Average Queue (ft)	76	65	15	40	5
95th Queue (ft)	119	110	41	63	27
Link Distance (ft)	1196	1196		262	402
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)			100		
Storage Blk Time (%)				0	
Queuing Penalty (veh)				0	

Intersection: 8: Main St & Brunswick Rd

Movement	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	LTR	L	LT	R	L	T	R	L	L	TR
Maximum Queue (ft)	45	95	99	172	25	199	139	173	193	144
Average Queue (ft)	14	45	47	81	1	93	64	60	102	62
95th Queue (ft)	40	81	83	151	11	162	120	128	164	118
Link Distance (ft)	777	160	160	160		1486				1622
Upstream Blk Time (%)				1						
Queuing Penalty (veh)				1						
Storage Bay Dist (ft)					115		115	360	360	
Storage Blk Time (%)						3	1			
Queuing Penalty (veh)						5	2			

Intersection: 9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd

Movement	EB	EB	WB	WB	WB	NB	NB	SB	SB	SB	SB
Directions Served	T	TR	L	T	T	LT	R	L	L	T	R
Maximum Queue (ft)	164	188	101	165	177	99	165	219	228	132	93
Average Queue (ft)	94	130	61	52	90	31	79	114	143	39	42
95th Queue (ft)	180	208	101	126	171	73	129	204	212	94	76
Link Distance (ft)	160	160		103	103		1666			1351	
Upstream Blk Time (%)	1	5	1	2	7						
Queuing Penalty (veh)	2	18	0	8	21						
Storage Bay Dist (ft)			140			100		240	240		240
Storage Blk Time (%)			1	2		1	4	0	0		
Queuing Penalty (veh)			3	3		2	1	0	0		

Intersection: 10: Brunswick Rd & SR 49/20 EB On Ramp

Movement	EB	EB	WB	WB	WB	NB	NB	B52
Directions Served	T	TR	T	T	R	<	R	T
Maximum Queue (ft)	146	157	204	295	4	215	223	332
Average Queue (ft)	56	58	55	74	0	136	147	53
95th Queue (ft)	123	126	148	191	4	218	232	208
Link Distance (ft)	456	456	334	334	334	145	145	915
Upstream Blk Time (%)				0		11	15	
Queuing Penalty (veh)				0		0	0	
Storage Bay Dist (ft)								
Storage Blk Time (%)								
Queuing Penalty (veh)								

Intersection: 11: Sutton Way & Brunswick Rd

Movement	EB	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB
Directions Served	L	L	T	T	R	UL	T	TR	L	L	TR	L
Maximum Queue (ft)	144	148	203	198	191	177	252	350	250	310	249	150
Average Queue (ft)	60	78	103	107	99	84	125	201	99	178	93	58
95th Queue (ft)	114	126	171	170	167	149	211	307	211	276	184	110
Link Distance (ft)			334	334			1884	1884		1476		229
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	240	240			240	120			280		280	
Storage Blk Time (%)			0		0	3	6		0	1		
Queuing Penalty (veh)			0		0	10	9		0	3		

Intersection: 11: Sutton Way & Brunswick Rd

Movement	SB
Directions Served	T
Maximum Queue (ft)	102
Average Queue (ft)	51
95th Queue (ft)	90
Link Distance (ft)	229
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 22: SR 49 EB Ramps & Dorsey Dr

Movement	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	T	T	TR	L	LT	R
Maximum Queue (ft)	187	142	71	76	94	76	145	48
Average Queue (ft)	82	62	22	26	42	26	57	19
95th Queue (ft)	151	125	55	57	78	59	108	43
Link Distance (ft)	211	211		1564	1564		800	
Upstream Blk Time (%)	0							
Queuing Penalty (veh)	0							
Storage Bay Dist (ft)			140			220		220
Storage Blk Time (%)							0	
Queuing Penalty (veh)							0	

Intersection: 23: Dorsey Dr & Sr 49 WB Ramps

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	R	L	T	T	LT	R
Maximum Queue (ft)	241	174	109	92	96	99	67
Average Queue (ft)	95	61	54	30	32	47	35
95th Queue (ft)	177	120	96	71	77	84	59
Link Distance (ft)	548		211	211	211	1120	1120
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)		155					
Storage Blk Time (%)	1	0					
Queuing Penalty (veh)	3	0					

Zone Summary

Zone wide Queuing Penalty: 139

MOVEMENT SUMMARY

Site: 5 [Main St / Idaho Maryland Rd]

PM Peak
Site Category: (None)
Roundabout

Movement Performance - Vehicles												
Mov ID	Turn	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: SR 49 Ramps												
3	L2	66	3.0	0.225	6.3	LOS A	1.0	26.0	0.52	0.44	0.52	33.7
8	T1	65	3.0	0.225	6.3	LOS A	1.0	26.0	0.52	0.44	0.52	33.6
18	R2	73	3.0	0.225	6.3	LOS A	1.0	26.0	0.52	0.44	0.52	32.6
Approach		204	3.0	0.225	6.3	LOS A	1.0	26.0	0.52	0.44	0.52	33.3
East: Idaho Maryland Rd												
1	L2	318	3.0	0.317	6.8	LOS A	1.5	37.6	0.50	0.42	0.50	31.7
6	T1	246	3.0	0.474	9.1	LOS A	2.8	72.4	0.59	0.53	0.64	33.0
16	R2	233	3.0	0.474	9.1	LOS A	2.8	72.4	0.59	0.53	0.64	32.0
Approach		797	3.0	0.474	8.2	LOS A	2.8	72.4	0.55	0.49	0.58	32.2
North: Main St												
7	L2	73	3.0	0.359	8.9	LOS A	1.6	40.8	0.61	0.64	0.68	32.6
4	T1	213	3.0	0.359	8.9	LOS A	1.6	40.8	0.61	0.64	0.68	32.6
14	R2	329	3.0	0.203	0.0	LOS A	0.0	0.0	0.00	0.00	0.00	37.2
Approach		615	3.0	0.359	4.1	LOS A	1.6	40.8	0.29	0.30	0.32	34.9
West: Main St												
5	L2	207	3.0	0.412	9.5	LOS A	2.1	53.7	0.63	0.69	0.79	31.4
2	T1	93	3.0	0.412	9.5	LOS A	2.1	53.7	0.63	0.69	0.79	31.4
12	R2	35	3.0	0.412	9.5	LOS A	2.1	53.7	0.63	0.69	0.79	30.5
Approach		335	3.0	0.412	9.5	LOS A	2.1	53.7	0.63	0.69	0.79	31.3
All Vehicles		1951	3.0	0.474	6.9	LOS A	2.8	72.4	0.48	0.46	0.53	32.9

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Signalised Intersections.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

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Intersection	
Intersection Delay, s/veh	9.2
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	15	96	2	0	0	0	0	84	95	88	94	0
Future Vol, veh/h	15	96	2	0	0	0	0	84	95	88	94	0
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	17	109	2	0	0	0	0	95	108	100	107	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	9	9.6	9
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	24%	0%	100%	0%
Vol Thru, %	47%	76%	96%	0%	100%
Vol Right, %	53%	0%	4%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	179	63	50	88	94
LT Vol	0	15	0	88	0
Through Vol	84	48	48	0	94
RT Vol	95	0	2	0	0
Lane Flow Rate	203	72	57	100	107
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.272	0.112	0.087	0.155	0.15
Departure Headway (Hd)	4.814	5.65	5.502	5.568	5.065
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	747	634	650	644	708
Service Time	2.844	3.392	3.244	3.299	2.796
HCM Lane V/C Ratio	0.272	0.114	0.088	0.155	0.151
HCM Control Delay	9.6	9.1	8.8	9.3	8.7
HCM Lane LOS	A	A	A	A	A
HCM 95th-tile Q	1.1	0.4	0.3	0.5	0.5

Intersection	
Intersection Delay, s/veh	14.4
Intersection LOS	B

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	169	13	29	149	125	323
Future Vol, veh/h	169	13	29	149	125	323
Peak Hour Factor	0.77	0.77	0.77	0.77	0.77	0.77
Heavy Vehicles, %	3	2	5	31	11	14
Mvmt Flow	219	17	38	194	162	419
Number of Lanes	1	0	0	2	1	1

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	2	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	2	0	2
HCM Control Delay	13.5	11.7	15.9
HCM LOS	B	B	C

Lane	NBLn1	NBLn2	EBLn1	WBLn1	WBLn2
Vol Left, %	100%	0%	0%	37%	0%
Vol Thru, %	0%	0%	93%	63%	100%
Vol Right, %	0%	100%	7%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	125	323	182	79	99
LT Vol	125	0	0	29	0
Through Vol	0	0	169	50	99
RT Vol	0	323	13	0	0
Lane Flow Rate	162	419	236	102	129
Geometry Grp	7	7	4	7	7
Degree of Util (X)	0.299	0.638	0.407	0.191	0.251
Departure Headway (Hd)	6.636	5.475	6.2	6.745	7.008
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	542	659	581	532	512
Service Time	4.37	3.209	4.239	4.489	4.751
HCM Lane V/C Ratio	0.299	0.636	0.406	0.192	0.252
HCM Control Delay	12.2	17.4	13.5	11.1	12.1
HCM Lane LOS	B	C	B	B	B
HCM 95th-tile Q	1.2	4.6	2	0.7	1

Intersection	
Intersection Delay, s/veh	11.3
Intersection LOS	B

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	433	68	20	141	44	7
Future Vol, veh/h	433	68	20	141	44	7
Peak Hour Factor	0.78	0.78	0.78	0.78	0.78	0.78
Heavy Vehicles, %	14	5	2	24	5	3
Mvmt Flow	555	87	26	181	56	9
Number of Lanes	2	0	0	2	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	2	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	2
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	1	0	2
HCM Control Delay	12.1	9.5	9.5
HCM LOS	B	A	A

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2
Vol Left, %	86%	0%	0%	30%	0%
Vol Thru, %	0%	100%	68%	70%	100%
Vol Right, %	14%	0%	32%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	51	289	212	67	94
LT Vol	44	0	0	20	0
Through Vol	0	289	144	47	94
RT Vol	7	0	68	0	0
Lane Flow Rate	65	370	272	86	121
Geometry Grp	2	7	7	7	7
Degree of Util (X)	0.105	0.527	0.359	0.131	0.191
Departure Headway (Hd)	5.794	5.123	4.744	5.476	5.702
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	617	703	757	654	628
Service Time	3.846	2.855	2.476	3.221	3.447
HCM Lane V/C Ratio	0.105	0.526	0.359	0.131	0.193
HCM Control Delay	9.5	13.5	10.1	9.1	9.8
HCM Lane LOS	A	B	B	A	A
HCM 95th-tile Q	0.4	3.1	1.6	0.4	0.7

Intersection	
Int Delay, s/veh	5

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	106	45	0	53	96	210	10	11	197	3
Future Vol, veh/h	0	0	106	45	0	53	96	210	10	11	197	3
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	0	550	-	-	120	-	150
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	83	83	83	83	83	83	83	83	83	83	83	83
Heavy Vehicles, %	2	2	8	2	2	2	12	17	2	2	14	2
Mvmt Flow	0	0	128	54	0	64	116	253	12	13	237	4

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	-	760	237	820	758	259	241	0	0	265	0	0
Stage 1	-	263	-	491	491	-	-	-	-	-	-	-
Stage 2	-	497	-	329	267	-	-	-	-	-	-	-
Critical Hdwy	-	6.52	6.28	7.12	6.52	6.22	4.22	-	-	4.12	-	-
Critical Hdwy Stg 1	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	-	4.018	3.372	3.518	4.018	3.318	2.308	-	-	2.218	-	-
Pot Cap-1 Maneuver	0	336	787	294	336	780	1269	-	-	1299	-	-
Stage 1	0	691	-	559	548	-	-	-	-	-	-	-
Stage 2	0	545	-	684	688	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	-	302	787	227	302	780	1269	-	-	1299	-	-
Mov Cap-2 Maneuver	-	302	-	227	302	-	-	-	-	-	-	-
Stage 1	-	684	-	508	498	-	-	-	-	-	-	-
Stage 2	-	495	-	567	681	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	10.5	17.3	2.5	0.4
HCM LOS	B	C		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	1269	-	-	787	227	780	1299	-	-
HCM Lane V/C Ratio	0.091	-	-	0.162	0.239	0.082	0.01	-	-
HCM Control Delay (s)	8.1	-	-	10.5	25.8	10	7.8	-	-
HCM Lane LOS	A	-	-	B	D	B	A	-	-
HCM 95th %tile Q(veh)	0.3	-	-	0.6	0.9	0.3	0	-	-

Intersection	
Int Delay, s/veh	1

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	13	28	34	302	290	43
Future Vol, veh/h	13	28	34	302	290	43
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	76	76	76	76	76	76
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	17	37	45	397	382	57

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	898	220	439	0	-	0
Stage 1	411	-	-	-	-	-
Stage 2	487	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	294	782	1107	-	-	-
Stage 1	638	-	-	-	-	-
Stage 2	617	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	282	782	1107	-	-	-
Mov Cap-2 Maneuver	478	-	-	-	-	-
Stage 1	612	-	-	-	-	-
Stage 2	617	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	10.8	0.8	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	1107	-	478	782	-	-
HCM Lane V/C Ratio	0.04	-	0.036	0.047	-	-
HCM Control Delay (s)	8.4	-	12.8	9.8	-	-
HCM Lane LOS	A	-	B	A	-	-
HCM 95th %tile Q(veh)	0.1	-	0.1	0.1	-	-

Intersection	
Intersection Delay, s/veh	10.9
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	10	10	8	28	23	76	16	291	6	25	97	11
Future Vol, veh/h	10	10	8	28	23	76	16	291	6	25	97	11
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles, %	3	2	2	2	2	4	2	9	2	3	9	3
Mvmt Flow	11	11	9	31	26	84	18	323	7	28	108	12
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	8.6	9.1	12.5	9.2
HCM LOS	A	A	B	A

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	36%	22%	100%	0%
Vol Thru, %	0%	98%	36%	18%	0%	90%
Vol Right, %	0%	2%	29%	60%	0%	10%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	16	297	28	127	25	108
LT Vol	16	0	10	28	25	0
Through Vol	0	291	10	23	0	97
RT Vol	0	6	8	76	0	11
Lane Flow Rate	18	330	31	141	28	120
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.028	0.478	0.046	0.192	0.045	0.178
Departure Headway (Hd)	5.609	5.211	5.308	4.908	5.819	5.345
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	636	690	670	728	613	667
Service Time	3.363	2.965	3.38	2.962	3.582	3.109
HCM Lane V/C Ratio	0.028	0.478	0.046	0.194	0.046	0.18
HCM Control Delay	8.5	12.7	8.6	9.1	8.9	9.3
HCM Lane LOS	A	B	A	A	A	A
HCM 95th-tile Q	0.1	2.6	0.1	0.7	0.1	0.6

Intersection	
Int Delay, s/veh	5

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	45	123	127	227	113	41
Future Vol, veh/h	45	123	127	227	113	41
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	80	80	80	80	80	80
Heavy Vehicles, %	3	13	10	5	3	2
Mvmt Flow	56	154	159	284	141	51

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	159	0	-	0	425	159
Stage 1	-	-	-	-	159	-
Stage 2	-	-	-	-	266	-
Critical Hdwy	4.13	-	-	-	6.43	6.22
Critical Hdwy Stg 1	-	-	-	-	5.43	-
Critical Hdwy Stg 2	-	-	-	-	5.43	-
Follow-up Hdwy	2.227	-	-	-	3.527	3.318
Pot Cap-1 Maneuver	1414	-	-	0	584	886
Stage 1	-	-	-	0	867	-
Stage 2	-	-	-	0	776	-
Platoon blocked, %		-	-			
Mov Cap-1 Maneuver	1414	-	-	-	561	886
Mov Cap-2 Maneuver	-	-	-	-	561	-
Stage 1	-	-	-	-	832	-
Stage 2	-	-	-	-	776	-

Approach	EB	WB	SB
HCM Control Delay, s	2	0	12.5
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1414	-	-	561	886
HCM Lane V/C Ratio	0.04	-	-	0.252	0.058
HCM Control Delay (s)	7.7	-	-	13.6	9.3
HCM Lane LOS	A	-	-	B	A
HCM 95th %tile Q(veh)	0.1	-	-	1	0.2

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	0	0	317	138	0
Future Vol, veh/h	0	0	0	317	138	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	500	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	0	360	157	0

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	517	157	157	0	-	0
Stage 1	157	-	-	-	-	-
Stage 2	360	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	518	889	1423	-	-	-
Stage 1	871	-	-	-	-	-
Stage 2	706	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	518	889	1423	-	-	-
Mov Cap-2 Maneuver	642	-	-	-	-	-
Stage 1	871	-	-	-	-	-
Stage 2	706	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	0	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1423	-	-	-	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	0	-	-
HCM Lane LOS	A	-	A	-	-
HCM 95th %tile Q(veh)	0	-	-	-	-

Intersection	
Int Delay, s/veh	0

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	28	0	0	53	0	0
Future Vol, veh/h	28	0	0	53	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	30	0	0	58	0	0

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	30	0	88	30
Stage 1	-	-	-	-	30	-
Stage 2	-	-	-	-	58	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1583	-	913	1044
Stage 1	-	-	-	-	993	-
Stage 2	-	-	-	-	965	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1583	-	913	1044
Mov Cap-2 Maneuver	-	-	-	-	913	-
Stage 1	-	-	-	-	993	-
Stage 2	-	-	-	-	965	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	0
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	-	-	-	1583	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	-	-	-	0	-

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		⇕			⇕			⇕			⇕	
Traffic Vol, veh/h	0	176	0	0	66	0	0	0	0	0	0	0
Future Vol, veh/h	0	176	0	0	66	0	0	0	0	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	71	71	71	71	71	71	71	71	71	71	71	71
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	248	0	0	93	0	0	0	0	0	0	0

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	93	0	0	248	0	0	341	341	248	341	341	93
Stage 1	-	-	-	-	-	-	248	248	-	93	93	-
Stage 2	-	-	-	-	-	-	93	93	-	248	248	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.12	6.52	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	1501	-	-	1318	-	-	613	581	791	613	581	964
Stage 1	-	-	-	-	-	-	756	701	-	914	818	-
Stage 2	-	-	-	-	-	-	914	818	-	756	701	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1501	-	-	1318	-	-	613	581	791	613	581	964
Mov Cap-2 Maneuver	-	-	-	-	-	-	613	581	-	613	581	-
Stage 1	-	-	-	-	-	-	756	701	-	914	818	-
Stage 2	-	-	-	-	-	-	914	818	-	756	701	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0	0	0
HCM LOS			A	A

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	-	1501	-	-	1318	-	-	-
HCM Lane V/C Ratio	-	-	-	-	-	-	-	-
HCM Control Delay (s)	0	0	-	-	0	-	-	0
HCM Lane LOS	A	A	-	-	A	-	-	A
HCM 95th %tile Q(veh)	-	0	-	-	0	-	-	-

Intersection	
Int Delay, s/veh	1.1

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	134	170	6	99	37	5
Future Vol, veh/h	134	170	6	99	37	5
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	175	100	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	75	75	75	75	75	75
Heavy Vehicles, %	4	8	2	8	5	2
Mvmt Flow	179	227	8	132	49	7

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	406	0	327	179
Stage 1	-	-	-	-	179	-
Stage 2	-	-	-	-	148	-
Critical Hdwy	-	-	4.12	-	6.45	6.22
Critical Hdwy Stg 1	-	-	-	-	5.45	-
Critical Hdwy Stg 2	-	-	-	-	5.45	-
Follow-up Hdwy	-	-	2.218	-	3.545	3.318
Pot Cap-1 Maneuver	-	-	1153	-	661	864
Stage 1	-	-	-	-	845	-
Stage 2	-	-	-	-	872	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1153	-	656	864
Mov Cap-2 Maneuver	-	-	-	-	656	-
Stage 1	-	-	-	-	845	-
Stage 2	-	-	-	-	866	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.5	10.8
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	675	-	-	1153	-
HCM Lane V/C Ratio	0.083	-	-	0.007	-
HCM Control Delay (s)	10.8	-	-	8.1	-
HCM Lane LOS	B	-	-	A	-
HCM 95th %tile Q(veh)	0.3	-	-	0	-

Intersection	
Intersection Delay, s/veh	8
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	43	84	62	42	22	42
Future Vol, veh/h	43	84	62	42	22	42
Peak Hour Factor	0.85	0.85	0.85	0.85	0.85	0.85
Heavy Vehicles, %	3	3	7	2	2	3
Mvmt Flow	51	99	73	49	26	49
Number of Lanes	0	1	1	0	1	1

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	2	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	2	1
HCM Control Delay	8.3	7.8	7.8
HCM LOS	A	A	A

Lane	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	34%	0%	100%	0%
Vol Thru, %	66%	60%	0%	0%
Vol Right, %	0%	40%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	127	104	22	42
LT Vol	43	0	22	0
Through Vol	84	62	0	0
RT Vol	0	42	0	42
Lane Flow Rate	149	122	26	49
Geometry Grp	2	2	7	7
Degree of Util (X)	0.176	0.14	0.041	0.061
Departure Headway (Hd)	4.241	4.125	5.634	4.446
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	832	875	639	809
Service Time	2.336	2.125	3.34	2.151
HCM Lane V/C Ratio	0.179	0.139	0.041	0.061
HCM Control Delay	8.3	7.8	8.6	7.4
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.6	0.5	0.1	0.2

Intersection	
Intersection Delay, s/veh	8
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	32	12	32	12	37	6	49	32	4	1	42	46
Future Vol, veh/h	32	12	32	12	37	6	49	32	4	1	42	46
Peak Hour Factor	0.78	0.92	0.78	0.92	0.92	0.92	0.78	0.78	0.92	0.92	0.78	0.78
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	41	13	41	13	40	7	63	41	4	1	54	59
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	1

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	2	1	1
HCM Control Delay	7.9	7.9	8.4	7.7
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	58%	42%	22%	2%	0%
Vol Thru, %	38%	16%	67%	98%	0%
Vol Right, %	5%	42%	11%	0%	100%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	85	76	55	43	46
LT Vol	49	32	12	1	0
Through Vol	32	12	37	42	0
RT Vol	4	32	6	0	46
Lane Flow Rate	108	95	60	55	59
Geometry Grp	5	2	2	7	7
Degree of Util (X)	0.138	0.115	0.075	0.076	0.07
Departure Headway (Hd)	4.602	4.35	4.535	4.992	4.277
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	781	826	792	720	839
Service Time	2.619	2.365	2.552	2.708	1.993
HCM Lane V/C Ratio	0.138	0.115	0.076	0.076	0.07
HCM Control Delay	8.4	7.9	7.9	8.1	7.3
HCM Lane LOS	A	A	A	A	A
HCM 95th-tile Q	0.5	0.4	0.2	0.2	0.2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	28	80	267	120	212	114
Future Volume (veh/h)	28	80	267	120	212	114
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1826	1796	1767	1826	1767	1767
Adj Flow Rate, veh/h	30	87	290	130	230	124
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	7	9	5	9	9
Cap, veh/h	171	424	457	401	303	1040
Arrive On Green	0.10	0.10	0.26	0.26	0.18	0.59
Sat Flow, veh/h	1739	1522	1767	1547	1682	1767
Grp Volume(v), veh/h	30	87	290	130	230	124
Grp Sat Flow(s),veh/h/ln	1739	1522	1767	1547	1682	1767
Q Serve(g_s), s	0.5	1.5	5.0	2.3	4.4	1.1
Cycle Q Clear(g_c), s	0.5	1.5	5.0	2.3	4.4	1.1
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	171	424	457	401	303	1040
V/C Ratio(X)	0.18	0.21	0.63	0.32	0.76	0.12
Avail Cap(c_a), veh/h	718	903	1562	1368	980	2545
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	14.1	9.4	11.2	10.2	13.3	3.1
Incr Delay (d2), s/veh	0.5	0.2	1.5	0.5	3.9	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.2	0.4	1.4	0.5	1.4	0.1
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	14.6	9.7	12.7	10.7	17.2	3.2
LnGrp LOS	B	A	B	B	B	A
Approach Vol, veh/h	117		420			354
Approach Delay, s/veh	10.9		12.1			12.3
Approach LOS	B		B			B

Timer - Assigned Phs	1	2				6	8
Phs Duration (G+Y+Rc), s	11.3	14.6				25.9	8.3
Change Period (Y+Rc), s	5.1	5.8				5.8	4.9
Max Green Setting (Gmax), s	19.3	30.2				49.2	14.1
Max Q Clear Time (g_c+I1), s	6.4	7.0				3.1	3.5
Green Ext Time (p_c), s	0.5	1.9				0.6	0.2

Intersection Summary	
HCM 6th Ctrl Delay	12.0
HCM 6th LOS	B

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	30	87	290	130	230	124
v/c Ratio	0.09	0.13	0.45	0.21	0.43	0.09
Control Delay	21.5	2.8	15.6	4.5	17.1	2.3
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	21.5	2.8	15.6	4.5	17.1	2.3
Queue Length 50th (ft)	4	0	36	0	29	0
Queue Length 95th (ft)	32	18	153	32	131	24
Internal Link Dist (ft)	768		708			723
Turn Bay Length (ft)	165			405	410	
Base Capacity (vph)	775	1085	1446	1255	1035	1760
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.04	0.08	0.20	0.10	0.22	0.07

Intersection Summary

1: Tinloy St /Tinloy St & Neal St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	0.2	0.0	0.1
Total Del/Veh (s)	2.5	9.5	4.1	4.8

2: SR 49 On-Ramp/Tinloy St & Auburn St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	1.5	0.0	0.5
Total Del/Veh (s)	4.2	5.6	8.4	6.1

3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	0.2	0.1
Total Del/Veh (s)	5.5	7.6	0.5	3.9

8: Main St & Maltman Dr/Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	1.4	2.0	1.0
Total Del/Veh (s)	14.9	4.3	7.4	6.5	5.8

9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.0	0.8	2.9	0.9
Total Del/Veh (s)	4.1	8.6	20.6	36.3	15.8

10: Brunswick Rd & SR 49/20 EB On Ramp Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.3	3.7	20.5	8.7

11: Sutton Way & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.3	1.4	0.0	0.2
Total Del/Veh (s)	5.2	8.2	10.6	1.1	4.7

22: SR 49 EB Ramps & Dorsey Dr Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.9	0.5
Total Del/Veh (s)	11.0	10.3	6.1	7.9

23: Dorsey Dr & Sr 49 WB Ramps Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	2.0	0.0	0.1	0.6
Total Del/Veh (s)	4.5	3.1	4.9	3.7

Total Zone Performance

Denied Del/Veh (s)	1.1
Total Del/Veh (s)	60.1

Intersection: 1: Tinloy St /Tinloy St & Neal St

Movement	EB	WB	SB	SB
Directions Served	TR	LT	LT	TR
Maximum Queue (ft)	80	102	66	51
Average Queue (ft)	26	44	24	15
95th Queue (ft)	59	81	56	40
Link Distance (ft)	93	1538	960	960
Upstream Blk Time (%)	0			
Queuing Penalty (veh)	0			
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 2: SR 49 On-Ramp/Tinloy St & Auburn St

Movement	EB	WB	WB	SB	SB
Directions Served	TR	LT	T	LT	TR
Maximum Queue (ft)	90	59	77	105	88
Average Queue (ft)	41	23	30	44	28
95th Queue (ft)	69	55	63	84	63
Link Distance (ft)	135		897	99	99
Upstream Blk Time (%)				0	0
Queuing Penalty (veh)				0	0
Storage Bay Dist (ft)		100			
Storage Blk Time (%)		0	0		
Queuing Penalty (veh)		0	0		

Intersection: 3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp

Movement	WB	WB	NB	NB	SB
Directions Served	LT	TR	L	T	TR
Maximum Queue (ft)	65	51	30	51	2
Average Queue (ft)	35	26	7	31	0
95th Queue (ft)	53	49	27	44	2
Link Distance (ft)	1196	1196		262	402
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)			100		
Storage Blk Time (%)					
Queuing Penalty (veh)					

Intersection: 8: Main St & Maltman Dr/Brunswick Rd

Movement	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	LTR	L	LT	R	L	T	R	L	L	TR
Maximum Queue (ft)	37	49	63	66	19	68	55	37	84	46
Average Queue (ft)	6	19	18	23	1	24	18	5	34	15
95th Queue (ft)	27	43	46	52	11	56	45	23	65	37
Link Distance (ft)	777	160	160	160		1486				1622
Upstream Blk Time (%)										
Queuing Penalty (veh)										
Storage Bay Dist (ft)					115		115	360	360	
Storage Blk Time (%)										
Queuing Penalty (veh)										

Intersection: 9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd

Movement	EB	EB	WB	WB	WB	NB	NB	SB	SB	SB	SB
Directions Served	T	TR	L	T	T	LT	R	L	L	T	R
Maximum Queue (ft)	50	79	65	55	90	43	36	97	130	49	65
Average Queue (ft)	9	18	27	10	22	7	9	26	70	14	24
95th Queue (ft)	32	52	59	39	64	28	32	73	122	40	50
Link Distance (ft)	160	160		103	103		1666			1351	
Upstream Blk Time (%)		0	0	0	0						
Queuing Penalty (veh)		0	0	0	0						
Storage Bay Dist (ft)			140			100		240	240		240
Storage Blk Time (%)			0	0							
Queuing Penalty (veh)			0	0							

Intersection: 10: Brunswick Rd & SR 49/20 EB On Ramp

Movement	EB	EB	WB	WB	NB	NB	B52
Directions Served	T	TR	T	T	<	R	T
Maximum Queue (ft)	64	36	21	28	171	125	6
Average Queue (ft)	8	5	1	2	83	59	0
95th Queue (ft)	34	21	10	16	148	99	5
Link Distance (ft)	456	456	334	334	145	145	915
Upstream Blk Time (%)					2	0	
Queuing Penalty (veh)					0	0	
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 11: Sutton Way & Brunswick Rd

Movement	EB	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB
Directions Served	L	L	T	T	R	UL	T	TR	L	L	TR	L
Maximum Queue (ft)	42	64	75	90	54	54	84	106	30	67	42	47
Average Queue (ft)	13	30	18	37	18	17	29	42	3	24	12	14
95th Queue (ft)	39	57	55	79	47	43	65	85	15	51	32	41
Link Distance (ft)			334	334			1884	1884		1476		229
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	240	240			240	120			280		280	
Storage Blk Time (%)												
Queuing Penalty (veh)												

Intersection: 11: Sutton Way & Brunswick Rd

Movement	SB
Directions Served	T
Maximum Queue (ft)	31
Average Queue (ft)	6
95th Queue (ft)	25
Link Distance (ft)	229
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 22: SR 49 EB Ramps & Dorsey Dr

Movement	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	T	T	TR	L	LT	R
Maximum Queue (ft)	77	58	22	43	54	45	125	40
Average Queue (ft)	27	19	3	13	18	10	56	9
95th Queue (ft)	58	48	15	34	42	35	100	30
Link Distance (ft)	211	211		1564	1564		800	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)			140			220		220
Storage Blk Time (%)								
Queuing Penalty (veh)								

Intersection: 23: Dorsey Dr & Sr 49 WB Ramps

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	R	L	T	T	LT	R
Maximum Queue (ft)	76	44	57	75	70	32	54
Average Queue (ft)	23	17	17	23	13	6	27
95th Queue (ft)	56	37	46	60	47	26	46
Link Distance (ft)	548		211	211	211	1120	1120
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)		155					
Storage Blk Time (%)							
Queuing Penalty (veh)							

Zone Summary

Zone wide Queuing Penalty: 1

MOVEMENT SUMMARY

Site: 5 [Main St / Idaho Maryland Rd]

0630-0730 AM
Site Category: (None)
Roundabout

Movement Performance - Vehicles

Mov ID	Turn	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: SR 49 Ramps												
3	L2	13	3.0	0.082	4.5	LOS A	0.3	8.6	0.44	0.32	0.44	35.0
8	T1	21	3.0	0.082	4.5	LOS A	0.3	8.6	0.44	0.32	0.44	34.9
18	R2	44	3.0	0.082	4.5	LOS A	0.3	8.6	0.44	0.32	0.44	33.9
Approach		78	3.0	0.082	4.5	LOS A	0.3	8.6	0.44	0.32	0.44	34.3
East: Idaho Maryland Rd												
1	L2	105	3.0	0.090	3.9	LOS A	0.4	9.2	0.30	0.18	0.30	33.0
6	T1	55	3.0	0.149	4.4	LOS A	0.6	15.9	0.32	0.20	0.32	35.4
16	R2	118	3.0	0.149	4.4	LOS A	0.6	15.9	0.32	0.20	0.32	34.3
Approach		278	3.0	0.149	4.2	LOS A	0.6	15.9	0.31	0.19	0.31	34.0
North: Main St												
7	L2	68	3.0	0.186	4.6	LOS A	0.8	19.4	0.30	0.19	0.30	34.6
4	T1	153	3.0	0.186	4.6	LOS A	0.8	19.4	0.30	0.19	0.30	34.5
14	R2	77	3.0	0.047	0.0	LOS A	0.0	0.0	0.00	0.00	0.00	37.2
Approach		297	3.0	0.186	3.4	LOS A	0.8	19.4	0.23	0.14	0.23	35.2
West: Main St												
5	L2	148	3.0	0.269	6.1	LOS A	1.1	29.2	0.45	0.36	0.45	33.2
2	T1	108	3.0	0.269	6.1	LOS A	1.1	29.2	0.45	0.36	0.45	33.1
12	R2	23	3.0	0.269	6.1	LOS A	1.1	29.2	0.45	0.36	0.45	32.2
Approach		279	3.0	0.269	6.1	LOS A	1.1	29.2	0.45	0.36	0.45	33.1
All Vehicles		932	3.0	0.269	4.5	LOS A	1.1	29.2	0.34	0.24	0.34	34.1

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Signalised Intersections.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

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Intersection	
Intersection Delay, s/veh	14.8
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	47	329	3	0	0	0	0	95	147	162	296	0
Future Vol, veh/h	47	329	3	0	0	0	0	95	147	162	296	0
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	52	366	3	0	0	0	0	106	163	180	329	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	14	14.4	15.7
HCM LOS	B	B	C

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	22%	0%	100%	0%
Vol Thru, %	39%	78%	98%	0%	100%
Vol Right, %	61%	0%	2%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	242	212	168	162	296
LT Vol	0	47	0	162	0
Through Vol	95	165	165	0	296
RT Vol	147	0	3	0	0
Lane Flow Rate	269	235	186	180	329
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.461	0.442	0.344	0.339	0.573
Departure Headway (Hd)	6.166	6.772	6.646	6.78	6.272
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	583	531	540	529	576
Service Time	4.217	4.522	4.397	4.532	4.024
HCM Lane V/C Ratio	0.461	0.443	0.344	0.34	0.571
HCM Control Delay	14.4	14.8	12.9	13	17.2
HCM Lane LOS	B	B	B	B	C
HCM 95th-tile Q	2.4	2.2	1.5	1.5	3.6

Intersection	
Intersection Delay, s/veh	19.3
Intersection LOS	C

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	243	49	49	574	203	206
Future Vol, veh/h	243	49	49	574	203	206
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94
Heavy Vehicles, %	4	6	2	12	6	28
Mvmt Flow	259	52	52	611	216	219
Number of Lanes	1	0	0	2	1	1

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	2	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	2	0	2
HCM Control Delay	17.8	22.5	15.6
HCM LOS	C	C	C

Lane	NBLn1	NBLn2	EBLn1	WBLn1	WBLn2
Vol Left, %	100%	0%	0%	20%	0%
Vol Thru, %	0%	0%	83%	80%	100%
Vol Right, %	0%	100%	17%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	203	206	292	240	383
LT Vol	203	0	0	49	0
Through Vol	0	0	243	191	383
RT Vol	0	206	49	0	0
Lane Flow Rate	216	219	311	256	407
Geometry Grp	7	7	4	7	7
Degree of Util (X)	0.461	0.416	0.565	0.469	0.754
Departure Headway (Hd)	7.681	6.839	6.547	6.6	6.67
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	469	526	550	545	541
Service Time	5.445	4.602	4.609	4.365	4.434
HCM Lane V/C Ratio	0.461	0.416	0.565	0.47	0.752
HCM Control Delay	16.9	14.4	17.8	15.1	27.2
HCM Lane LOS	C	B	C	C	D
HCM 95th-tile Q	2.4	2	3.5	2.5	6.6

Intersection	
Intersection Delay, s/veh	17.1
Intersection LOS	C

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	375	88	31	519	107	49
Future Vol, veh/h	375	88	31	519	107	49
Peak Hour Factor	0.78	0.78	0.78	0.78	0.78	0.78
Heavy Vehicles, %	39	4	2	7	5	2
Mvmt Flow	462	108	38	639	132	60
Number of Lanes	2	0	0	2	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	2	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	2
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	1	0	2
HCM Control Delay	15.8	19.3	13.1
HCM LOS	C	C	B

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2
Vol Left, %	69%	0%	0%	15%	0%
Vol Thru, %	0%	100%	59%	85%	100%
Vol Right, %	31%	0%	41%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	156	250	213	204	346
LT Vol	107	0	0	31	0
Through Vol	0	250	125	173	346
RT Vol	49	0	88	0	0
Lane Flow Rate	192	308	262	251	426
Geometry Grp	2	7	7	7	7
Degree of Util (X)	0.349	0.576	0.426	0.423	0.719
Departure Headway (Hd)	6.55	6.742	5.844	6.069	6.078
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	549	535	616	593	596
Service Time	4.595	4.488	3.59	3.812	3.822
HCM Lane V/C Ratio	0.35	0.576	0.425	0.423	0.715
HCM Control Delay	13.1	18.3	12.9	13.2	22.9
HCM Lane LOS	B	C	B	B	C
HCM 95th-tile Q	1.6	3.6	2.1	2.1	6

Intersection	
Int Delay, s/veh	7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	191	26	0	47	181	452	47	84	417	13
Future Vol, veh/h	0	0	191	26	0	47	181	452	47	84	417	13
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	0	50	-	0	550	-	-	120	-	150
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	94	94	94	94	94	94	94	94	94	94	94	94
Heavy Vehicles, %	2	2	5	2	2	2	4	5	2	2	12	2
Mvmt Flow	0	0	203	28	0	50	193	481	50	89	444	14

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	-	-	444	1623	-	506	458	0	0	531	0	0
Stage 1	-	-	-	892	-	-	-	-	-	-	-	-
Stage 2	-	-	-	731	-	-	-	-	-	-	-	-
Critical Hdwy	-	-	6.25	7.12	-	6.22	4.14	-	-	4.12	-	-
Critical Hdwy Stg 1	-	-	-	6.12	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	6.12	-	-	-	-	-	-	-	-
Follow-up Hdwy	-	-	3.345	3.518	-	3.318	2.236	-	-	2.218	-	-
Pot Cap-1 Maneuver	0	0	608	82	0	566	1092	-	-	1036	-	-
Stage 1	0	0	-	337	0	-	-	-	-	-	-	-
Stage 2	0	0	-	413	0	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	-	-	608	44	-	566	1092	-	-	1036	-	-
Mov Cap-2 Maneuver	-	-	-	44	-	-	-	-	-	-	-	-
Stage 1	-	-	-	277	-	-	-	-	-	-	-	-
Stage 2	-	-	-	251	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	13.9	70.7	2.4	1.4
HCM LOS	B	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	1092	-	-	608	44	566	1036	-	-
HCM Lane V/C Ratio	0.176	-	-	0.334	0.629	0.088	0.086	-	-
HCM Control Delay (s)	9	-	-	13.9	176.8	12	8.8	-	-
HCM Lane LOS	A	-	-	B	F	B	A	-	-
HCM 95th %tile Q(veh)	0.6	-	-	1.5	2.4	0.3	0.3	-	-

Intersection	
Int Delay, s/veh	1.5

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	62	69	39	621	592	32
Future Vol, veh/h	62	69	39	621	592	32
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	97	97	97	97	97	97
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	64	71	40	640	610	33

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1347	322	643	0	-	0
Stage 1	627	-	-	-	-	-
Stage 2	720	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	154	672	928	-	-	-
Stage 1	496	-	-	-	-	-
Stage 2	481	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	147	672	928	-	-	-
Mov Cap-2 Maneuver	349	-	-	-	-	-
Stage 1	475	-	-	-	-	-
Stage 2	481	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	14.1	0.5	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	928	-	349	672	-	-
HCM Lane V/C Ratio	0.043	-	0.183	0.106	-	-
HCM Control Delay (s)	9.1	-	17.6	11	-	-
HCM Lane LOS	A	-	C	B	-	-
HCM 95th %tile Q(veh)	0.1	-	0.7	0.4	-	-

Intersection	
Intersection Delay, s/veh	18.4
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	22	29	10	17	23	73	7	326	23	118	425	24
Future Vol, veh/h	22	29	10	17	23	73	7	326	23	118	425	24
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Heavy Vehicles, %	2	2	2	2	2	4	2	9	2	4	9	3
Mvmt Flow	23	31	11	18	24	78	7	347	24	126	452	26
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	10.7	10.8	17.6	21.2
HCM LOS	B	B	C	C

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	36%	15%	100%	0%
Vol Thru, %	0%	93%	48%	20%	0%	95%
Vol Right, %	0%	7%	16%	65%	0%	5%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	7	349	61	113	118	449
LT Vol	7	0	22	17	118	0
Through Vol	0	326	29	23	0	425
RT Vol	0	23	10	73	0	24
Lane Flow Rate	7	371	65	120	126	478
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.013	0.615	0.12	0.206	0.215	0.756
Departure Headway (Hd)	6.399	5.966	6.67	6.17	6.156	5.698
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	559	605	535	579	584	635
Service Time	4.142	3.709	4.737	4.229	3.892	3.434
HCM Lane V/C Ratio	0.013	0.613	0.121	0.207	0.216	0.753
HCM Control Delay	9.2	17.8	10.7	10.8	10.6	24
HCM Lane LOS	A	C	B	B	B	C
HCM 95th-tile Q	0	4.2	0.4	0.8	0.8	6.8

Intersection	
Int Delay, s/veh	17.5

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	79	205	186	272	327	103
Future Vol, veh/h	79	205	186	272	327	103
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	91	91	91	91	91	91
Heavy Vehicles, %	2	2	2	3	2	2
Mvmt Flow	87	225	204	299	359	113

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	204	0	-	0	603	204
Stage 1	-	-	-	-	204	-
Stage 2	-	-	-	-	399	-
Critical Hdwy	4.12	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1368	-	-	0	462	837
Stage 1	-	-	-	0	830	-
Stage 2	-	-	-	0	678	-
Platoon blocked, %		-	-			
Mov Cap-1 Maneuver	1368	-	-	-	432	837
Mov Cap-2 Maneuver	-	-	-	-	432	-
Stage 1	-	-	-	-	777	-
Stage 2	-	-	-	-	678	-

Approach	EB	WB	SB
HCM Control Delay, s	2.2	0	35.1
HCM LOS			E

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1368	-	-	432	837
HCM Lane V/C Ratio	0.063	-	-	0.832	0.135
HCM Control Delay (s)	7.8	-	-	43	10
HCM Lane LOS	A	-	-	E	B
HCM 95th %tile Q(veh)	0.2	-	-	7.9	0.5

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	0	0	356	452	0
Future Vol, veh/h	0	0	0	356	452	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	500	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	0	375	476	0

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	851	476	476	0	-	0
Stage 1	476	-	-	-	-	-
Stage 2	375	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	330	589	1086	-	-	-
Stage 1	625	-	-	-	-	-
Stage 2	695	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	330	589	1086	-	-	-
Mov Cap-2 Maneuver	519	-	-	-	-	-
Stage 1	625	-	-	-	-	-
Stage 2	695	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	0	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1086	-	-	-	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	0	-	-
HCM Lane LOS	A	-	A	-	-
HCM 95th %tile Q(veh)	0	-	-	-	-

Intersection	
Int Delay, s/veh	0

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	61	0	0	54	0	0
Future Vol, veh/h	61	0	0	54	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	66	0	0	59	0	0

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	66	0	125	66
Stage 1	-	-	-	-	66	-
Stage 2	-	-	-	-	59	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1536	-	870	998
Stage 1	-	-	-	-	957	-
Stage 2	-	-	-	-	964	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1536	-	870	998
Mov Cap-2 Maneuver	-	-	-	-	870	-
Stage 1	-	-	-	-	957	-
Stage 2	-	-	-	-	964	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	0
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	-	-	-	1536	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	-	-	-	0	-

Intersection	
Int Delay, s/veh	0.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	5	104	0	0	174	0	0	0	0	1	0	0
Future Vol, veh/h	5	104	0	0	174	0	0	0	0	1	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	76	76	76	76	76	76	76	76	76	76	76	76
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	20	137	0	0	229	0	0	0	0	1	0	0

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	229	0	0	137	0	0	406	406	137	406	406	229
Stage 1	-	-	-	-	-	-	177	177	-	229	229	-
Stage 2	-	-	-	-	-	-	229	229	-	177	177	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.12	6.52	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	1339	-	-	1447	-	-	555	534	911	555	534	810
Stage 1	-	-	-	-	-	-	825	753	-	774	715	-
Stage 2	-	-	-	-	-	-	774	715	-	825	753	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1339	-	-	1447	-	-	548	525	911	548	525	810
Mov Cap-2 Maneuver	-	-	-	-	-	-	548	525	-	548	525	-
Stage 1	-	-	-	-	-	-	812	741	-	762	715	-
Stage 2	-	-	-	-	-	-	774	715	-	812	741	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	1	0	0	11.6
HCM LOS			A	B

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	-	1339	-	-	1447	-	-	548
HCM Lane V/C Ratio	-	0.015	-	-	-	-	-	0.002
HCM Control Delay (s)	0	7.7	0	-	0	-	-	11.6
HCM Lane LOS	A	A	A	-	A	-	-	B
HCM 95th %tile Q(veh)	-	0	-	-	0	-	-	0

Intersection	
Int Delay, s/veh	15.9

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	260	117	9	357	240	32
Future Vol, veh/h	260	117	9	357	240	32
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	175	100	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	80	80	80	80	80	80
Heavy Vehicles, %	12	10	2	7	2	9
Mvmt Flow	325	146	11	446	300	40

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	471	0	793	325
Stage 1	-	-	-	-	325	-
Stage 2	-	-	-	-	468	-
Critical Hdwy	-	-	4.12	-	6.42	6.29
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.381
Pot Cap-1 Maneuver	-	-	1091	-	358	700
Stage 1	-	-	-	-	732	-
Stage 2	-	-	-	-	630	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1091	-	354	700
Mov Cap-2 Maneuver	-	-	-	-	354	-
Stage 1	-	-	-	-	732	-
Stage 2	-	-	-	-	624	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.2	59.1
HCM LOS			F

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	376	-	-	1091	-
HCM Lane V/C Ratio	0.904	-	-	0.01	-
HCM Control Delay (s)	59.1	-	-	8.3	-
HCM Lane LOS	F	-	-	A	-
HCM 95th %tile Q(veh)	9.3	-	-	0	-

Intersection	
Intersection Delay, s/veh	12.5
Intersection LOS	B

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	181	102	186	67	107	190
Future Vol, veh/h	181	102	186	67	107	190
Peak Hour Factor	0.85	0.85	0.85	0.85	0.85	0.85
Heavy Vehicles, %	2	8	3	2	2	4
Mvmt Flow	213	120	219	79	126	224
Number of Lanes	0	1	1	0	1	1

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	2	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	2	1
HCM Control Delay	14	12.3	11.2
HCM LOS	B	B	B

Lane	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	64%	0%	100%	0%
Vol Thru, %	36%	74%	0%	0%
Vol Right, %	0%	26%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	283	253	107	190
LT Vol	181	0	107	0
Through Vol	102	186	0	0
RT Vol	0	67	0	190
Lane Flow Rate	333	298	126	224
Geometry Grp	2	2	7	7
Degree of Util (X)	0.505	0.435	0.234	0.343
Departure Headway (Hd)	5.459	5.258	6.702	5.519
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	659	685	536	653
Service Time	3.492	3.292	4.436	3.253
HCM Lane V/C Ratio	0.505	0.435	0.235	0.343
HCM Control Delay	14	12.3	11.5	11.1
HCM Lane LOS	B	B	B	B
HCM 95th-tile Q	2.9	2.2	0.9	1.5

Intersection	
Intersection Delay, s/veh	11.8
Intersection LOS	B

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	133	100	72	166	171	198
Future Vol, veh/h	133	100	72	166	171	198
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	160	120	87	200	206	239
Number of Lanes	1	0	0	1	1	1

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	12.7	12.7	10.7
HCM LOS	B	B	B

Lane	NBLn1	EBLn1	SBLn1	SBLn2
Vol Left, %	30%	57%	0%	0%
Vol Thru, %	70%	0%	100%	0%
Vol Right, %	0%	43%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	238	233	171	198
LT Vol	72	133	0	0
Through Vol	166	0	171	0
RT Vol	0	100	0	198
Lane Flow Rate	287	281	206	239
Geometry Grp	5	2	7	7
Degree of Util (X)	0.436	0.43	0.328	0.333
Departure Headway (Hd)	5.479	5.511	5.73	5.021
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	657	654	628	716
Service Time	3.509	3.542	3.459	2.749
HCM Lane V/C Ratio	0.437	0.43	0.328	0.334
HCM Control Delay	12.7	12.7	11.2	10.2
HCM Lane LOS	B	B	B	B
HCM 95th-tile Q	2.2	2.2	1.4	1.5

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	177	315	363	75	164	406
Future Volume (veh/h)	177	315	363	75	164	406
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1826	1781	1767	1826	1767	1767
Adj Flow Rate, veh/h	192	342	395	82	178	441
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	8	9	5	9	9
Cap, veh/h	415	568	518	454	231	949
Arrive On Green	0.24	0.24	0.29	0.29	0.14	0.54
Sat Flow, veh/h	1739	1510	1767	1547	1682	1767
Grp Volume(v), veh/h	192	342	395	82	178	441
Grp Sat Flow(s),veh/h/ln	1739	1510	1767	1547	1682	1767
Q Serve(g_s), s	4.5	8.7	9.7	1.9	4.9	7.4
Cycle Q Clear(g_c), s	4.5	8.7	9.7	1.9	4.9	7.4
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	415	568	518	454	231	949
V/C Ratio(X)	0.46	0.60	0.76	0.18	0.77	0.46
Avail Cap(c_a), veh/h	513	653	1117	978	701	1820
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	15.6	12.0	15.4	12.6	19.9	6.8
Incr Delay (d2), s/veh	0.8	1.2	2.4	0.2	5.4	0.4
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.6	2.6	3.3	0.5	1.9	1.6
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	16.4	13.2	17.7	12.8	25.3	7.2
LnGrp LOS	B	B	B	B	C	A
Approach Vol, veh/h	534		477			619
Approach Delay, s/veh	14.4		16.9			12.4
Approach LOS	B		B			B

Timer - Assigned Phs	1	2				6	8
Phs Duration (G+Y+Rc), s	11.7	19.8				31.5	16.3
Change Period (Y+Rc), s	5.1	5.8				5.8	4.9
Max Green Setting (Gmax), s	19.9	30.2				49.2	14.1
Max Q Clear Time (g_c+I1), s	6.9	11.7				9.4	10.7
Green Ext Time (p_c), s	0.4	2.3				2.7	0.7

Intersection Summary	
HCM 6th Ctrl Delay	14.3
HCM 6th LOS	B

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	192	342	395	82	178	441
v/c Ratio	0.57	0.38	0.69	0.15	0.51	0.40
Control Delay	32.0	4.1	25.2	5.0	28.5	6.9
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	32.0	4.1	25.2	5.0	28.5	6.9
Queue Length 50th (ft)	59	10	117	0	55	68
Queue Length 95th (ft)	#159	60	240	26	132	120
Internal Link Dist (ft)	947		662			713
Turn Bay Length (ft)	165			405	410	
Base Capacity (vph)	436	1087	984	874	616	1624
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.44	0.31	0.40	0.09	0.29	0.27

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

1: Tinloy St /Tinloy St & Neal St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	0.2	0.0	0.1
Total Del/Veh (s)	7.7	14.4	5.2	8.3

2: SR 49 On-Ramp/Tinloy St & Auburn St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.4	1.0	0.0	0.5
Total Del/Veh (s)	5.6	8.1	12.9	8.7

3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.2	0.0	0.4	0.2
Total Del/Veh (s)	9.5	9.1	1.6	6.1

8: Main St & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	1.6	2.1	1.1
Total Del/Veh (s)	19.4	10.0	16.9	17.0	14.2

9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.0	0.5	2.8	0.7
Total Del/Veh (s)	15.0	14.5	18.7	36.7	20.2

10: Brunswick Rd & SR 49/20 EB On Ramp Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	8.3	9.1	27.0	13.3

11: Sutton Way & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.5	1.5	0.0	0.4
Total Del/Veh (s)	16.4	32.1	26.2	10.5	21.2

22: SR 49 EB Ramps & Dorsey Dr Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	1.6	0.4
Total Del/Veh (s)	14.4	14.3	11.5	13.6

23: Dorsey Dr & Sr 49 WB Ramps Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	2.3	0.0	0.2	1.2
Total Del/Veh (s)	9.2	8.0	11.2	9.1

Total Zone Performance

Denied Del/Veh (s)	1.3
Total Del/Veh (s)	592.8

Intersection: 1: Tinloy St /Tinloy St & Neal St

Movement	EB	WB	SB	SB
Directions Served	TR	LT	LT	TR
Maximum Queue (ft)	103	145	83	104
Average Queue (ft)	62	71	42	41
95th Queue (ft)	104	125	74	77
Link Distance (ft)	93	1538	960	960
Upstream Blk Time (%)	2			
Queuing Penalty (veh)	6			
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 2: SR 49 On-Ramp/Tinloy St & Auburn St

Movement	EB	WB	WB	SB	SB
Directions Served	TR	LT	T	LT	TR
Maximum Queue (ft)	125	111	141	113	109
Average Queue (ft)	69	33	67	61	52
95th Queue (ft)	109	74	117	97	96
Link Distance (ft)	135		897	99	99
Upstream Blk Time (%)	0			1	1
Queuing Penalty (veh)	0			2	1
Storage Bay Dist (ft)		100			
Storage Blk Time (%)		0	1		
Queuing Penalty (veh)		0	2		

Intersection: 3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp

Movement	WB	WB	NB	NB	SB
Directions Served	LT	TR	L	T	TR
Maximum Queue (ft)	139	125	37	74	39
Average Queue (ft)	67	54	15	35	5
95th Queue (ft)	108	95	39	58	23
Link Distance (ft)	1196	1196		262	402
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)			100		
Storage Blk Time (%)				0	
Queuing Penalty (veh)				0	

Intersection: 8: Main St & Brunswick Rd

Movement	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	LTR	L	LT	R	L	T	R	L	L	TR
Maximum Queue (ft)	54	102	103	169	36	206	136	205	226	154
Average Queue (ft)	15	47	49	88	2	94	66	70	113	62
95th Queue (ft)	42	85	87	162	19	166	126	156	185	119
Link Distance (ft)	777	160	160	160		1486				1622
Upstream Blk Time (%)		0		1						
Queuing Penalty (veh)		0		2						
Storage Bay Dist (ft)					115		115	360	360	
Storage Blk Time (%)						4	1			
Queuing Penalty (veh)						8	2			

Intersection: 9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd

Movement	EB	EB	WB	WB	WB	NB	NB	SB	SB	SB	SB
Directions Served	T	TR	L	T	T	LT	R	L	L	T	R
Maximum Queue (ft)	174	189	102	183	173	98	148	222	229	85	107
Average Queue (ft)	97	135	70	78	97	32	69	107	138	26	47
95th Queue (ft)	181	210	112	169	176	73	118	194	206	65	86
Link Distance (ft)	160	160		103	103		1666			1351	
Upstream Blk Time (%)	1	7	3	6	6						
Queuing Penalty (veh)	3	23	0	21	23						
Storage Bay Dist (ft)			140			100		240	240		240
Storage Blk Time (%)			3	6		0	2	0	0		
Queuing Penalty (veh)			8	7		1	1	0	0		

Intersection: 10: Brunswick Rd & SR 49/20 EB On Ramp

Movement	EB	EB	WB	WB	WB	NB	NB	B52
Directions Served	T	TR	T	T	R	<	R	T
Maximum Queue (ft)	166	156	207	278	185	217	237	332
Average Queue (ft)	59	62	59	80	8	146	157	72
95th Queue (ft)	128	133	155	205	86	227	243	260
Link Distance (ft)	456	456	334	334	334	145	145	915
Upstream Blk Time (%)				0	0	14	19	
Queuing Penalty (veh)				0	0	0	0	
Storage Bay Dist (ft)								
Storage Blk Time (%)								
Queuing Penalty (veh)								

Intersection: 11: Sutton Way & Brunswick Rd

Movement	EB	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB
Directions Served	L	L	T	T	R	UL	T	TR	L	L	TR	L
Maximum Queue (ft)	140	158	199	212	188	182	267	315	256	292	224	109
Average Queue (ft)	63	81	111	113	87	77	122	182	89	163	77	56
95th Queue (ft)	119	132	180	178	152	137	214	279	195	248	161	101
Link Distance (ft)			334	334			1884	1884		1476		229
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	240	240			240	120			280		280	
Storage Blk Time (%)				0	0	2	6		0	0		
Queuing Penalty (veh)				0	0	5	8		0	1		

Intersection: 11: Sutton Way & Brunswick Rd

Movement	SB
Directions Served	T
Maximum Queue (ft)	103
Average Queue (ft)	45
95th Queue (ft)	86
Link Distance (ft)	229
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 22: SR 49 EB Ramps & Dorsey Dr

Movement	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	T	T	TR	L	LT	R
Maximum Queue (ft)	166	150	65	82	94	80	129	46
Average Queue (ft)	79	60	25	26	45	25	57	18
95th Queue (ft)	141	120	56	60	79	60	104	40
Link Distance (ft)	211	211		1564	1564		800	
Upstream Blk Time (%)	0	0						
Queuing Penalty (veh)	0	0						
Storage Bay Dist (ft)			140			220		220
Storage Blk Time (%)								
Queuing Penalty (veh)								

Intersection: 23: Dorsey Dr & Sr 49 WB Ramps

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	R	L	T	T	LT	R
Maximum Queue (ft)	267	173	130	100	97	108	75
Average Queue (ft)	96	63	55	29	32	51	35
95th Queue (ft)	187	123	101	72	77	91	61
Link Distance (ft)	548		211	211	211	1120	1120
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)		155					
Storage Blk Time (%)	1	0					
Queuing Penalty (veh)	4	0					

Zone Summary

Zone wide Queuing Penalty: 115

MOVEMENT SUMMARY

Site: 5 [Main St / Idaho Maryland Rd]

1530-1630 PM
Site Category: (None)
Roundabout

Movement Performance - Vehicles												
Mov ID	Turn	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: SR 49 Ramps												
3	L2	53	3.0	0.211	6.1	LOS A	0.9	24.0	0.52	0.44	0.52	33.8
8	T1	50	3.0	0.211	6.1	LOS A	0.9	24.0	0.52	0.44	0.52	33.8
18	R2	86	3.0	0.211	6.1	LOS A	0.9	24.0	0.52	0.44	0.52	32.8
Approach		190	3.0	0.211	6.1	LOS A	0.9	24.0	0.52	0.44	0.52	33.3
East: Idaho Maryland Rd												
1	L2	319	3.0	0.305	6.5	LOS A	1.4	36.5	0.47	0.37	0.47	31.8
6	T1	207	3.0	0.395	7.6	LOS A	2.0	51.6	0.51	0.42	0.51	33.8
16	R2	207	3.0	0.395	7.6	LOS A	2.0	51.6	0.51	0.42	0.51	32.7
Approach		733	3.0	0.395	7.1	LOS A	2.0	51.6	0.49	0.40	0.49	32.6
North: Main St												
7	L2	89	3.0	0.384	8.9	LOS A	1.8	46.5	0.61	0.64	0.70	32.5
4	T1	230	3.0	0.384	8.9	LOS A	1.8	46.5	0.61	0.64	0.70	32.5
14	R2	310	3.0	0.191	0.0	LOS A	0.0	0.0	0.00	0.00	0.00	37.2
Approach		629	3.0	0.384	4.5	LOS A	1.8	46.5	0.31	0.33	0.36	34.6
West: Main St												
5	L2	194	3.0	0.419	9.9	LOS A	2.2	55.1	0.64	0.71	0.83	31.3
2	T1	96	3.0	0.419	9.9	LOS A	2.2	55.1	0.64	0.71	0.83	31.3
12	R2	41	3.0	0.419	9.9	LOS A	2.2	55.1	0.64	0.71	0.83	30.5
Approach		330	3.0	0.419	9.9	LOS A	2.2	55.1	0.64	0.71	0.83	31.2
All Vehicles		1882	3.0	0.419	6.6	LOS A	2.2	55.1	0.46	0.43	0.51	33.1

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Signalised Intersections.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Intersection	
Intersection Delay, s/veh	10.1
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	28	181	3	0	0	0	0	60	57	114	193	0
Future Vol, veh/h	28	181	3	0	0	0	0	60	57	114	193	0
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	31	201	3	0	0	0	0	67	63	127	214	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	9.9	9.6	10.4
HCM LOS	A	A	B

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	24%	0%	100%	0%
Vol Thru, %	51%	76%	97%	0%	100%
Vol Right, %	49%	0%	3%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	117	119	94	114	193
LT Vol	0	28	0	114	0
Through Vol	60	91	91	0	193
RT Vol	57	0	3	0	0
Lane Flow Rate	130	132	104	127	214
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.191	0.213	0.164	0.205	0.317
Departure Headway (Hd)	5.292	5.827	5.686	5.822	5.319
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	673	612	627	614	673
Service Time	3.363	3.596	3.455	3.583	3.079
HCM Lane V/C Ratio	0.193	0.216	0.166	0.207	0.318
HCM Control Delay	9.6	10.2	9.6	10.1	10.6
HCM Lane LOS	A	B	A	B	B
HCM 95th-tile Q	0.7	0.8	0.6	0.8	1.4

Intersection	
Intersection Delay, s/veh	9.8
Intersection LOS	A

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	92	27	16	245	82	85
Future Vol, veh/h	92	27	16	245	82	85
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83
Heavy Vehicles, %	4	6	2	12	6	28
Mvmt Flow	111	33	19	295	99	102
Number of Lanes	1	0	0	2	1	1

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	2	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	2	0	2
HCM Control Delay	9.6	10	9.7
HCM LOS	A	A	A

Lane	NBLn1	NBLn2	EBLn1	WBLn1	WBLn2
Vol Left, %	100%	0%	0%	16%	0%
Vol Thru, %	0%	0%	77%	84%	100%
Vol Right, %	0%	100%	23%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	82	85	119	98	163
LT Vol	82	0	0	16	0
Through Vol	0	0	92	82	163
RT Vol	0	85	27	0	0
Lane Flow Rate	99	102	143	118	197
Geometry Grp	7	7	4	7	7
Degree of Util (X)	0.171	0.154	0.206	0.174	0.296
Departure Headway (Hd)	6.231	5.399	5.164	5.325	5.414
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	573	661	691	672	661
Service Time	3.995	3.163	3.221	3.076	3.165
HCM Lane V/C Ratio	0.173	0.154	0.207	0.176	0.298
HCM Control Delay	10.3	9.2	9.6	9.2	10.4
HCM Lane LOS	B	A	A	A	B
HCM 95th-tile Q	0.6	0.5	0.8	0.6	1.2

Intersection	
Intersection Delay, s/veh	8.8
Intersection LOS	A

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	165	8	2	217	27	12
Future Vol, veh/h	165	8	2	217	27	12
Peak Hour Factor	0.82	0.82	0.82	0.82	0.82	0.82
Heavy Vehicles, %	39	4	2	7	5	2
Mvmt Flow	193	9	2	254	32	14
Number of Lanes	2	0	0	2	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	2	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	2
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	1	0	2
HCM Control Delay	9	8.8	8.4
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2
Vol Left, %	69%	0%	0%	3%	0%
Vol Thru, %	0%	100%	87%	97%	100%
Vol Right, %	31%	0%	13%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	39	110	63	74	145
LT Vol	27	0	0	2	0
Through Vol	0	110	55	72	145
RT Vol	12	0	8	0	0
Lane Flow Rate	46	129	74	87	169
Geometry Grp	2	7	7	7	7
Degree of Util (X)	0.063	0.196	0.098	0.117	0.231
Departure Headway (Hd)	5	5.491	4.804	4.839	4.911
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	718	655	748	743	733
Service Time	3.021	3.205	2.519	2.552	2.624
HCM Lane V/C Ratio	0.064	0.197	0.099	0.117	0.231
HCM Control Delay	8.4	9.5	8	8.2	9.1
HCM Lane LOS	A	A	A	A	A
HCM 95th-tile Q	0.2	0.7	0.3	0.4	0.9

Intersection	
Int Delay, s/veh	3.9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	102	21	0	34	64	182	24	61	252	1
Future Vol, veh/h	0	0	102	21	0	34	64	182	24	61	252	1
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	0	550	-	-	120	-	150
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	5	2	2	2	4	5	2	2	12	2
Mvmt Flow	0	0	113	23	0	38	71	202	27	68	280	1

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	-	787	280	831	775	216	281	0	0	229	0	0
Stage 1	-	416	-	358	358	-	-	-	-	-	-	-
Stage 2	-	371	-	473	417	-	-	-	-	-	-	-
Critical Hdwy	-	6.52	6.25	7.12	6.52	6.22	4.14	-	-	4.12	-	-
Critical Hdwy Stg 1	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	-	4.018	3.345	3.518	4.018	3.318	2.236	-	-	2.218	-	-
Pot Cap-1 Maneuver	0	324	752	289	329	824	1270	-	-	1339	-	-
Stage 1	0	592	-	660	628	-	-	-	-	-	-	-
Stage 2	0	620	-	572	591	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	-	290	752	226	295	824	1270	-	-	1339	-	-
Mov Cap-2 Maneuver	-	290	-	226	295	-	-	-	-	-	-	-
Stage 1	-	562	-	623	593	-	-	-	-	-	-	-
Stage 2	-	585	-	461	561	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	10.6	14.6	1.9	1.5
HCM LOS	B	B		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	1270	-	-	752	226	824	1339	-	-
HCM Lane V/C Ratio	0.056	-	-	0.151	0.103	0.046	0.051	-	-
HCM Control Delay (s)	8	-	-	10.6	22.8	9.6	7.8	-	-
HCM Lane LOS	A	-	-	B	C	A	A	-	-
HCM 95th %tile Q(veh)	0.2	-	-	0.5	0.3	0.1	0.2	-	-

Intersection	
Int Delay, s/veh	0.8

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	15	33	8	253	371	13
Future Vol, veh/h	15	33	8	253	371	13
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	86	86	86	86	86	86
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	17	38	9	294	431	15

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	751	223	446	0	-	0
Stage 1	439	-	-	-	-	-
Stage 2	312	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	362	778	1100	-	-	-
Stage 1	618	-	-	-	-	-
Stage 2	741	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	359	778	1100	-	-	-
Mov Cap-2 Maneuver	531	-	-	-	-	-
Stage 1	613	-	-	-	-	-
Stage 2	741	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	10.6	0.3	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	1100	-	531	778	-	-
HCM Lane V/C Ratio	0.008	-	0.033	0.049	-	-
HCM Control Delay (s)	8.3	-	12	9.9	-	-
HCM Lane LOS	A	-	B	A	-	-
HCM 95th %tile Q(veh)	0	-	0.1	0.2	-	-

Intersection	
Intersection Delay, s/veh	10.8
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	11	22	2	11	14	38	3	170	11	82	268	16
Future Vol, veh/h	11	22	2	11	14	38	3	170	11	82	268	16
Peak Hour Factor	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
Heavy Vehicles, %	2	2	2	2	2	4	2	9	2	4	9	3
Mvmt Flow	13	25	2	13	16	44	3	195	13	94	308	18
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	9	8.8	10.4	11.5
HCM LOS	A	A	B	B

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	31%	17%	100%	0%
Vol Thru, %	0%	94%	63%	22%	0%	94%
Vol Right, %	0%	6%	6%	60%	0%	6%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	3	181	35	63	82	284
LT Vol	3	0	11	11	82	0
Through Vol	0	170	22	14	0	268
RT Vol	0	11	2	38	0	16
Lane Flow Rate	3	208	40	72	94	326
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.005	0.306	0.062	0.104	0.145	0.462
Departure Headway (Hd)	5.73	5.303	5.56	5.15	5.552	5.095
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	623	676	640	692	645	705
Service Time	3.483	3.057	3.628	3.211	3.299	2.842
HCM Lane V/C Ratio	0.005	0.308	0.063	0.104	0.146	0.462
HCM Control Delay	8.5	10.4	9	8.8	9.2	12.2
HCM Lane LOS	A	B	A	A	A	B
HCM 95th-tile Q	0	1.3	0.2	0.3	0.5	2.4

Intersection	
Int Delay, s/veh	7

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	22	134	79	157	225	42
Future Vol, veh/h	22	134	79	157	225	42
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	89	89	89	89	89	89
Heavy Vehicles, %	2	2	2	3	2	2
Mvmt Flow	25	151	89	176	253	47

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	89	0	-	0	290	89
Stage 1	-	-	-	-	89	-
Stage 2	-	-	-	-	201	-
Critical Hdwy	4.12	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1506	-	-	0	701	969
Stage 1	-	-	-	0	934	-
Stage 2	-	-	-	0	833	-
Platoon blocked, %			-	-		
Mov Cap-1 Maneuver	1506	-	-	-	689	969
Mov Cap-2 Maneuver	-	-	-	-	689	-
Stage 1	-	-	-	-	918	-
Stage 2	-	-	-	-	833	-

Approach	EB	WB	SB
HCM Control Delay, s	1	0	12.5
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1506	-	-	689	969
HCM Lane V/C Ratio	0.016	-	-	0.367	0.049
HCM Control Delay (s)	7.4	-	-	13.2	8.9
HCM Lane LOS	A	-	-	B	A
HCM 95th %tile Q(veh)	0.1	-	-	1.7	0.2

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	0	0	184	281	0
Future Vol, veh/h	0	0	0	184	281	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	500	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	86	86	86	86	86	86
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	0	214	327	0

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	541	327	327	0	-	0
Stage 1	327	-	-	-	-	-
Stage 2	214	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	502	714	1233	-	-	-
Stage 1	731	-	-	-	-	-
Stage 2	822	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	502	714	1233	-	-	-
Mov Cap-2 Maneuver	644	-	-	-	-	-
Stage 1	731	-	-	-	-	-
Stage 2	822	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	0	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1233	-	-	-	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	0	-	-
HCM Lane LOS	A	-	A	-	-
HCM 95th %tile Q(veh)	0	-	-	-	-

Intersection	
Int Delay, s/veh	0

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	35	0	0	33	0	0
Future Vol, veh/h	35	0	0	33	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	38	0	0	36	0	0

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	38	0	74	38
Stage 1	-	-	-	-	38	-
Stage 2	-	-	-	-	36	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1572	-	930	1034
Stage 1	-	-	-	-	984	-
Stage 2	-	-	-	-	986	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1572	-	930	1034
Mov Cap-2 Maneuver	-	-	-	-	930	-
Stage 1	-	-	-	-	984	-
Stage 2	-	-	-	-	986	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	0
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	-	-	-	1572	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	-	-	-	0	-

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		⇕			⇕			⇕			⇕	
Traffic Vol, veh/h	0	56	0	0	55	1	0	0	0	0	0	0
Future Vol, veh/h	0	56	0	0	55	1	0	0	0	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	78	78	78	78	78	78	78	78	78	78	78	78
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	72	0	0	71	1	0	0	0	0	0	0

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	72	0	0	72	0	0	144	144	72	144	144	72
Stage 1	-	-	-	-	-	-	72	72	-	72	72	-
Stage 2	-	-	-	-	-	-	72	72	-	72	72	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.12	6.52	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	1528	-	-	1528	-	-	825	747	990	825	747	990
Stage 1	-	-	-	-	-	-	938	835	-	938	835	-
Stage 2	-	-	-	-	-	-	938	835	-	938	835	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1528	-	-	1528	-	-	825	747	990	825	747	990
Mov Cap-2 Maneuver	-	-	-	-	-	-	825	747	-	825	747	-
Stage 1	-	-	-	-	-	-	938	835	-	938	835	-
Stage 2	-	-	-	-	-	-	938	835	-	938	835	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0	0	0
HCM LOS			A	A

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	-	1528	-	-	1528	-	-	-
HCM Lane V/C Ratio	-	-	-	-	-	-	-	-
HCM Control Delay (s)	0	0	-	-	0	-	-	0
HCM Lane LOS	A	A	-	-	A	-	-	A
HCM 95th %tile Q(veh)	-	0	-	-	0	-	-	-

Intersection	
Int Delay, s/veh	1.8

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	85	33	2	87	34	10
Future Vol, veh/h	85	33	2	87	34	10
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	175	100	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	71	71	71	71	71	71
Heavy Vehicles, %	12	10	2	7	2	9
Mvmt Flow	120	46	3	123	48	14

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	166	0	249	120
Stage 1	-	-	-	-	120	-
Stage 2	-	-	-	-	129	-
Critical Hdwy	-	-	4.12	-	6.42	6.29
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.381
Pot Cap-1 Maneuver	-	-	1412	-	739	913
Stage 1	-	-	-	-	905	-
Stage 2	-	-	-	-	897	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1412	-	738	913
Mov Cap-2 Maneuver	-	-	-	-	738	-
Stage 1	-	-	-	-	905	-
Stage 2	-	-	-	-	895	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.2	10.1
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	772	-	-	1412	-
HCM Lane V/C Ratio	0.08	-	-	0.002	-
HCM Control Delay (s)	10.1	-	-	7.6	-
HCM Lane LOS	B	-	-	A	-
HCM 95th %tile Q(veh)	0.3	-	-	0	-

Intersection	
Intersection Delay, s/veh	8
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	60	33	25	20	24	61
Future Vol, veh/h	60	33	25	20	24	61
Peak Hour Factor	0.66	0.66	0.66	0.66	0.66	0.66
Heavy Vehicles, %	2	8	3	2	2	4
Mvmt Flow	91	50	38	30	36	92
Number of Lanes	0	1	1	0	1	1

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	2	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	2	1
HCM Control Delay	8.4	7.5	7.9
HCM LOS	A	A	A

Lane	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	65%	0%	100%	0%
Vol Thru, %	35%	56%	0%	0%
Vol Right, %	0%	44%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	93	45	24	61
LT Vol	60	0	24	0
Through Vol	33	25	0	0
RT Vol	0	20	0	61
Lane Flow Rate	141	68	36	92
Geometry Grp	2	2	7	7
Degree of Util (X)	0.174	0.078	0.056	0.111
Departure Headway (Hd)	4.436	4.141	5.51	4.34
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	812	868	653	829
Service Time	2.447	2.154	3.221	2.051
HCM Lane V/C Ratio	0.174	0.078	0.055	0.111
HCM Control Delay	8.4	7.5	8.5	7.6
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.6	0.3	0.2	0.4

Intersection	
Intersection Delay, s/veh	8.2
Intersection LOS	A

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	82	26	25	60	47	60
Future Vol, veh/h	82	26	25	60	47	60
Peak Hour Factor	0.75	0.75	0.75	0.75	0.75	0.75
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	109	35	33	80	63	80
Number of Lanes	1	0	0	1	1	1

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	8.5	8.4	7.8
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	SBLn1	SBLn2
Vol Left, %	29%	76%	0%	0%
Vol Thru, %	71%	0%	100%	0%
Vol Right, %	0%	24%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	85	108	47	60
LT Vol	25	82	0	0
Through Vol	60	0	47	0
RT Vol	0	26	0	60
Lane Flow Rate	113	144	63	80
Geometry Grp	5	2	7	7
Degree of Util (X)	0.145	0.181	0.087	0.095
Departure Headway (Hd)	4.592	4.521	4.974	4.271
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	783	795	723	841
Service Time	2.61	2.54	2.69	1.987
HCM Lane V/C Ratio	0.144	0.181	0.087	0.095
HCM Control Delay	8.4	8.5	8.2	7.4
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.5	0.7	0.3	0.3

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	42	23	206	23	101	336
Future Volume (veh/h)	42	23	206	23	101	336
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1826	1781	1767	1826	1767	1767
Adj Flow Rate, veh/h	46	25	224	25	110	365
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	8	9	5	9	9
Cap, veh/h	131	267	486	426	171	978
Arrive On Green	0.08	0.08	0.28	0.28	0.10	0.55
Sat Flow, veh/h	1739	1510	1767	1547	1682	1767
Grp Volume(v), veh/h	46	25	224	25	110	365
Grp Sat Flow(s),veh/h/ln	1739	1510	1767	1547	1682	1767
Q Serve(g_s), s	0.7	0.4	3.0	0.3	1.8	3.4
Cycle Q Clear(g_c), s	0.7	0.4	3.0	0.3	1.8	3.4
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	131	267	486	426	171	978
V/C Ratio(X)	0.35	0.09	0.46	0.06	0.64	0.37
Avail Cap(c_a), veh/h	850	891	1850	1620	1161	3014
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	12.7	9.9	8.7	7.7	12.5	3.6
Incr Delay (d2), s/veh	1.6	0.2	0.7	0.1	4.0	0.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.3	0.1	0.7	0.1	0.6	0.1
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	14.3	10.1	9.4	7.8	16.5	3.9
LnGrp LOS	B	B	A	A	B	A
Approach Vol, veh/h	71		249			475
Approach Delay, s/veh	12.8		9.2			6.8
Approach LOS	B		A			A

Timer - Assigned Phs	1	2			6	8
Phs Duration (G+Y+Rc), s	8.0	13.7			21.8	7.1
Change Period (Y+Rc), s	5.1	5.8			5.8	4.9
Max Green Setting (Gmax), s	19.9	30.2			49.2	14.1
Max Q Clear Time (g_c+I1), s	3.8	5.0			5.4	2.7
Green Ext Time (p_c), s	0.2	1.2			2.1	0.1

Intersection Summary	
HCM 6th Ctrl Delay	8.1
HCM 6th LOS	A

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	46	25	224	25	110	365
v/c Ratio	0.09	0.04	0.23	0.03	0.18	0.25
Control Delay	16.0	3.5	11.3	6.5	14.2	3.3
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	16.0	3.5	11.3	6.5	14.2	3.3
Queue Length 50th (ft)	6	0	23	0	13	0
Queue Length 95th (ft)	35	9	103	13	63	77
Internal Link Dist (ft)	1061		948			683
Turn Bay Length (ft)	165			405	410	
Base Capacity (vph)	1055	1249	1542	1314	1206	1810
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.04	0.02	0.15	0.02	0.09	0.20

Intersection Summary

1: Tinloy St /Tinloy St & Neal St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	0.2	0.0	0.0
Total Del/Veh (s)	6.1	10.6	4.8	6.6

2: SR 49 On-Ramp/Tinloy St & Auburn St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.2	1.3	0.0	0.5
Total Del/Veh (s)	5.4	6.6	10.4	7.0

3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	0.3	0.2
Total Del/Veh (s)	6.3	7.9	0.9	4.1

8: Main St & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	1.4	2.1	1.1
Total Del/Veh (s)	17.4	6.5	10.8	10.1	9.1

9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.0	0.4	2.9	0.7
Total Del/Veh (s)	7.4	12.5	12.4	35.8	15.8

10: Brunswick Rd & SR 49/20 EB On Ramp Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	3.9	4.3	23.9	8.8

11: Sutton Way & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.6	1.6	0.0	0.4
Total Del/Veh (s)	8.6	15.5	12.6	3.1	9.2

22: SR 49 EB Ramps & Dorsey Dr Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	1.9	0.8
Total Del/Veh (s)	9.5	9.2	5.5	7.8

23: Dorsey Dr & Sr 49 WB Ramps Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	1.9	0.0	0.1	0.8
Total Del/Veh (s)	5.0	5.3	5.9	5.3

Total Zone Performance

Denied Del/Veh (s)	1.2
Total Del/Veh (s)	170.0

Intersection: 1: Tinloy St /Tinloy St & Neal St

Movement	EB	WB	SB	SB
Directions Served	TR	LT	LT	TR
Maximum Queue (ft)	104	107	66	76
Average Queue (ft)	56	46	28	29
95th Queue (ft)	97	87	58	59
Link Distance (ft)	93	1538	960	960
Upstream Blk Time (%)	2			
Queuing Penalty (veh)	4			
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 2: SR 49 On-Ramp/Tinloy St & Auburn St

Movement	EB	WB	WB	SB	SB
Directions Served	TR	LT	T	LT	TR
Maximum Queue (ft)	108	66	90	87	75
Average Queue (ft)	60	24	39	42	31
95th Queue (ft)	99	55	74	73	62
Link Distance (ft)	135		897	99	99
Upstream Blk Time (%)	0			0	0
Queuing Penalty (veh)	0			0	0
Storage Bay Dist (ft)		100			
Storage Blk Time (%)		0	0		
Queuing Penalty (veh)		0	0		

Intersection: 3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp

Movement	WB	WB	NB	NB	SB
Directions Served	LT	TR	L	T	TR
Maximum Queue (ft)	89	66	33	60	16
Average Queue (ft)	46	36	9	31	1
95th Queue (ft)	74	57	32	48	6
Link Distance (ft)	1196	1196		262	402
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)			100		
Storage Blk Time (%)					
Queuing Penalty (veh)					

Intersection: 8: Main St & Brunswick Rd

Movement	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	LTR	L	LT	R	L	T	R	L	L	TR
Maximum Queue (ft)	50	55	68	91	9	138	79	88	127	85
Average Queue (ft)	16	22	28	33	0	46	31	23	61	29
95th Queue (ft)	42	47	55	69	5	96	59	62	105	63
Link Distance (ft)	777	160	160	160		1486				1622
Upstream Blk Time (%)										
Queuing Penalty (veh)										
Storage Bay Dist (ft)					115		115	360	360	
Storage Blk Time (%)						1				
Queuing Penalty (veh)						1				

Intersection: 9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd

Movement	EB	EB	WB	WB	WB	NB	NB	SB	SB	SB	SB
Directions Served	T	TR	L	T	T	LT	R	L	L	T	R
Maximum Queue (ft)	130	155	101	130	139	65	95	137	151	60	62
Average Queue (ft)	33	61	50	31	40	17	45	40	82	17	28
95th Queue (ft)	87	131	90	91	102	50	75	101	140	48	53
Link Distance (ft)	160	160		103	103		1666			1351	
Upstream Blk Time (%)	0	0	1	1	1						
Queuing Penalty (veh)	0	0	0	2	1						
Storage Bay Dist (ft)			140			100		240	240		240
Storage Blk Time (%)			1	1		0	0				
Queuing Penalty (veh)			1	1		0	0				

Intersection: 10: Brunswick Rd & SR 49/20 EB On Ramp

Movement	EB	EB	WB	WB	NB	NB	B52
Directions Served	T	TR	T	T	<	R	T
Maximum Queue (ft)	61	97	28	48	206	130	32
Average Queue (ft)	10	18	3	5	103	54	1
95th Queue (ft)	38	61	15	26	173	97	16
Link Distance (ft)	456	456	334	334	145	145	915
Upstream Blk Time (%)					4	0	
Queuing Penalty (veh)					0	0	
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 11: Sutton Way & Brunswick Rd

Movement	EB	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB
Directions Served	L	L	T	T	R	UL	T	TR	L	L	TR	L
Maximum Queue (ft)	81	94	89	110	102	86	98	130	58	151	96	61
Average Queue (ft)	17	35	36	49	48	34	41	57	18	67	36	21
95th Queue (ft)	52	72	75	91	82	67	78	105	47	116	71	50
Link Distance (ft)			334	334			1884	1884		1476		229
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	240	240			240	120			280		280	
Storage Blk Time (%)						0	0					
Queuing Penalty (veh)						0	0					

Intersection: 11: Sutton Way & Brunswick Rd

Movement	SB
Directions Served	T
Maximum Queue (ft)	76
Average Queue (ft)	26
95th Queue (ft)	60
Link Distance (ft)	229
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 22: SR 49 EB Ramps & Dorsey Dr

Movement	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	T	T	TR	L	LT	R
Maximum Queue (ft)	78	69	41	30	50	45	67	47
Average Queue (ft)	29	27	9	7	17	13	28	15
95th Queue (ft)	61	61	31	25	40	39	58	38
Link Distance (ft)	211	211		1564	1564		800	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)			140			220		220
Storage Blk Time (%)								
Queuing Penalty (veh)								

Intersection: 23: Dorsey Dr & Sr 49 WB Ramps

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	R	L	T	T	LT	R
Maximum Queue (ft)	78	55	59	59	54	55	52
Average Queue (ft)	29	20	23	15	9	20	26
95th Queue (ft)	62	42	53	43	35	48	44
Link Distance (ft)	548		211	211	211	1120	1120
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)		155					
Storage Blk Time (%)							
Queuing Penalty (veh)							

Zone Summary

Zone wide Queuing Penalty: 8

MOVEMENT SUMMARY

Site: 5 [Main St / Idaho Maryland Rd]

1830-1930 PM
Site Category: (None)
Roundabout

Movement Performance - Vehicles

Mov ID	Turn	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: SR 49 Ramps												
3	L2	36	3.0	0.085	4.4	LOS A	0.4	9.0	0.42	0.29	0.42	34.3
8	T1	35	3.0	0.085	4.4	LOS A	0.4	9.0	0.42	0.29	0.42	34.3
18	R2	14	3.0	0.085	4.4	LOS A	0.4	9.0	0.42	0.29	0.42	33.3
Approach		85	3.0	0.085	4.4	LOS A	0.4	9.0	0.42	0.29	0.42	34.1
East: Idaho Maryland Rd												
1	L2	142	3.0	0.127	4.3	LOS A	0.5	13.2	0.35	0.23	0.35	32.8
6	T1	158	3.0	0.225	5.3	LOS A	1.0	25.5	0.39	0.27	0.39	35.0
16	R2	92	3.0	0.225	5.3	LOS A	1.0	25.5	0.39	0.27	0.39	33.9
Approach		392	3.0	0.225	5.0	LOS A	1.0	25.5	0.38	0.26	0.38	33.9
North: Main St												
7	L2	51	3.0	0.202	5.4	LOS A	0.8	20.5	0.43	0.34	0.43	34.4
4	T1	156	3.0	0.202	5.4	LOS A	0.8	20.5	0.43	0.34	0.43	34.3
14	R2	210	3.0	0.129	0.0	LOS A	0.0	0.0	0.00	0.00	0.00	37.2
Approach		417	3.0	0.202	2.7	LOS A	0.8	20.5	0.21	0.17	0.21	35.7
West: Main St												
5	L2	160	3.0	0.254	6.0	LOS A	1.1	27.0	0.46	0.38	0.46	33.0
2	T1	75	3.0	0.254	6.0	LOS A	1.1	27.0	0.46	0.38	0.46	33.0
12	R2	24	3.0	0.254	6.0	LOS A	1.1	27.0	0.46	0.38	0.46	32.1
Approach		258	3.0	0.254	6.0	LOS A	1.1	27.0	0.46	0.38	0.46	32.9
All Vehicles		1151	3.0	0.254	4.3	LOS A	1.1	27.0	0.34	0.25	0.34	34.3

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Signalised Intersections.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

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Intersection	
Intersection Delay, s/veh	19.7
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	57	313	4	0	0	0	0	175	249	146	241	0
Future Vol, veh/h	57	313	4	0	0	0	0	175	249	146	241	0
Peak Hour Factor	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	63	344	4	0	0	0	0	192	274	160	265	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	14.8	28.7	14.6
HCM LOS	B	D	B

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	27%	0%	100%	0%
Vol Thru, %	41%	73%	98%	0%	100%
Vol Right, %	59%	0%	2%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	424	214	161	146	241
LT Vol	0	57	0	146	0
Through Vol	175	157	157	0	241
RT Vol	249	0	4	0	0
Lane Flow Rate	466	235	176	160	265
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.792	0.464	0.341	0.317	0.485
Departure Headway (Hd)	6.122	7.118	6.964	7.105	6.595
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	592	504	515	504	543
Service Time	4.181	4.886	4.732	4.877	4.366
HCM Lane V/C Ratio	0.787	0.466	0.342	0.317	0.488
HCM Control Delay	28.7	16	13.3	13.2	15.5
HCM Lane LOS	D	C	B	B	C
HCM 95th-tile Q	7.6	2.4	1.5	1.3	2.6

Intersection	
Intersection Delay, s/veh	25.8
Intersection LOS	D

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	287	48	44	365	268	439
Future Vol, veh/h	287	48	44	365	268	439
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93
Heavy Vehicles, %	3	2	5	31	11	14
Mvmt Flow	309	52	47	392	288	472
Number of Lanes	1	0	0	2	1	1

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	2	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	2	0	2
HCM Control Delay	24.7	18.4	30.6
HCM LOS	C	C	D

Lane	NBLn1	NBLn2	EBLn1	WBLn1	WBLn2
Vol Left, %	100%	0%	0%	27%	0%
Vol Thru, %	0%	0%	86%	73%	100%
Vol Right, %	0%	100%	14%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	268	439	335	166	243
LT Vol	268	0	0	44	0
Through Vol	0	0	287	122	243
RT Vol	0	439	48	0	0
Lane Flow Rate	288	472	360	178	262
Geometry Grp	7	7	4	7	7
Degree of Util (X)	0.613	0.85	0.698	0.374	0.572
Departure Headway (Hd)	7.654	6.482	6.975	7.556	7.873
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	470	557	515	474	455
Service Time	5.43	4.257	5.043	5.34	5.657
HCM Lane V/C Ratio	0.613	0.847	0.699	0.376	0.576
HCM Control Delay	21.9	35.9	24.7	14.8	20.8
HCM Lane LOS	C	E	C	B	C
HCM 95th-tile Q	4	9	5.4	1.7	3.5

Intersection	
Intersection Delay, s/veh	14
Intersection LOS	B

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	589	122	22	331	82	30
Future Vol, veh/h	589	122	22	331	82	30
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Heavy Vehicles, %	14	5	2	24	5	3
Mvmt Flow	620	128	23	348	86	32
Number of Lanes	2	0	0	2	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	2	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	2
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	1	0	2
HCM Control Delay	15.5	11.9	10.9
HCM LOS	C	B	B

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2
Vol Left, %	73%	0%	0%	17%	0%
Vol Thru, %	0%	100%	62%	83%	100%
Vol Right, %	27%	0%	38%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	112	393	318	132	221
LT Vol	82	0	0	22	0
Through Vol	0	393	196	110	221
RT Vol	30	0	122	0	0
Lane Flow Rate	118	413	335	139	232
Geometry Grp	2	7	7	7	7
Degree of Util (X)	0.205	0.643	0.482	0.227	0.397
Departure Headway (Hd)	6.256	5.601	5.176	5.86	6.154
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	575	649	700	613	585
Service Time	4.282	3.301	2.876	3.588	3.882
HCM Lane V/C Ratio	0.205	0.636	0.479	0.227	0.397
HCM Control Delay	10.9	17.8	12.6	10.3	12.9
HCM Lane LOS	B	C	B	B	B
HCM 95th-tile Q	0.8	4.6	2.6	0.9	1.9

Intersection	
Int Delay, s/veh	15.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	166	64	0	107	219	456	19	38	323	8
Future Vol, veh/h	0	0	166	64	0	107	219	456	19	38	323	8
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	0	550	-	-	120	-	150
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	94	94	94	94	94	94	94	94	94	94	94	94
Heavy Vehicles, %	2	2	8	2	2	2	12	17	2	2	14	2
Mvmt Flow	0	0	177	68	0	114	233	485	20	40	344	9

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	-	1395	344	1478	1394	495	353	0	0	505	0	0
Stage 1	-	424	-	961	961	-	-	-	-	-	-	-
Stage 2	-	971	-	517	433	-	-	-	-	-	-	-
Critical Hdwy	-	6.52	6.28	7.12	6.52	6.22	4.22	-	-	4.12	-	-
Critical Hdwy Stg 1	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	-	4.018	3.372	3.518	4.018	3.318	2.308	-	-	2.218	-	-
Pot Cap-1 Maneuver	0	141	685	104	141	575	1152	-	-	1060	-	-
Stage 1	0	587	-	308	335	-	-	-	-	-	-	-
Stage 2	0	331	-	541	582	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	-	108	685	~ 63	108	575	1152	-	-	1060	-	-
Mov Cap-2 Maneuver	-	108	-	~ 63	108	-	-	-	-	-	-	-
Stage 1	-	565	-	246	267	-	-	-	-	-	-	-
Stage 2	-	264	-	386	560	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	12.1	100.8	2.8	0.9
HCM LOS	B	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	1152	-	-	685	63	575	1060	-	-
HCM Lane V/C Ratio	0.202	-	-	0.258	1.081	0.198	0.038	-	-
HCM Control Delay (s)	8.9	-	-	12.1	248	12.8	8.5	-	-
HCM Lane LOS	A	-	-	B	F	B	A	-	-
HCM 95th %tile Q(veh)	0.8	-	-	1	5.4	0.7	0.1	-	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Int Delay, s/veh	1.1

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	22	45	69	675	445	90
Future Vol, veh/h	22	45	69	675	445	90
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	90	90	90	90	90	90
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	24	50	77	750	494	100

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1448	297	594	0	-	0
Stage 1	544	-	-	-	-	-
Stage 2	904	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	133	697	968	-	-	-
Stage 1	547	-	-	-	-	-
Stage 2	394	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	122	697	968	-	-	-
Mov Cap-2 Maneuver	315	-	-	-	-	-
Stage 1	503	-	-	-	-	-
Stage 2	394	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	12.8	0.8	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	968	-	315	697	-	-
HCM Lane V/C Ratio	0.079	-	0.078	0.072	-	-
HCM Control Delay (s)	9	-	17.4	10.6	-	-
HCM Lane LOS	A	-	C	B	-	-
HCM 95th %tile Q(veh)	0.3	-	0.3	0.2	-	-

Intersection	
Intersection Delay, s/veh	31.5
Intersection LOS	D

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	31	23	12	28	57	182	20	484	13	61	200	27
Future Vol, veh/h	31	23	12	28	57	182	20	484	13	61	200	27
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Heavy Vehicles, %	3	2	2	2	2	4	2	9	2	3	9	3
Mvmt Flow	33	25	13	30	61	196	22	520	14	66	215	29
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	11.8	15.7	51.8	14.3
HCM LOS	B	C	F	B

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	47%	10%	100%	0%
Vol Thru, %	0%	97%	35%	21%	0%	88%
Vol Right, %	0%	3%	18%	68%	0%	12%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	20	497	66	267	61	227
LT Vol	20	0	31	28	61	0
Through Vol	0	484	23	57	0	200
RT Vol	0	13	12	182	0	27
Lane Flow Rate	22	534	71	287	66	244
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.041	0.959	0.146	0.504	0.132	0.459
Departure Headway (Hd)	6.865	6.458	7.411	6.319	7.261	6.769
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	525	566	482	568	493	532
Service Time	4.565	4.158	5.485	4.369	5.015	4.522
HCM Lane V/C Ratio	0.042	0.943	0.147	0.505	0.134	0.459
HCM Control Delay	9.9	53.5	11.8	15.7	11.1	15.2
HCM Lane LOS	A	F	B	C	B	C
HCM 95th-tile Q	0.1	12.8	0.5	2.8	0.5	2.4

Intersection	
Int Delay, s/veh	6.6

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	112	160	263	389	149	101
Future Vol, veh/h	112	160	263	389	149	101
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	3	13	10	5	3	2
Mvmt Flow	119	170	280	414	159	107

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	280	0	-	0	688	280
Stage 1	-	-	-	-	280	-
Stage 2	-	-	-	-	408	-
Critical Hdwy	4.13	-	-	-	6.43	6.22
Critical Hdwy Stg 1	-	-	-	-	5.43	-
Critical Hdwy Stg 2	-	-	-	-	5.43	-
Follow-up Hdwy	2.227	-	-	-	3.527	3.318
Pot Cap-1 Maneuver	1277	-	-	0	411	759
Stage 1	-	-	-	0	765	-
Stage 2	-	-	-	0	669	-
Platoon blocked, %			-	-		
Mov Cap-1 Maneuver	1277	-	-	-	373	759
Mov Cap-2 Maneuver	-	-	-	-	373	-
Stage 1	-	-	-	-	694	-
Stage 2	-	-	-	-	669	-

Approach	EB	WB	SB
HCM Control Delay, s	3.3	0	17.1
HCM LOS			C

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1277	-	-	373	759
HCM Lane V/C Ratio	0.093	-	-	0.425	0.142
HCM Control Delay (s)	8.1	-	-	21.6	10.5
HCM Lane LOS	A	-	-	C	B
HCM 95th %tile Q(veh)	0.3	-	-	2.1	0.5

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	0	0	517	240	0
Future Vol, veh/h	0	0	0	517	240	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	500	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	96	96	96	96	96	96
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	0	539	250	0

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	789	250	250	0	-	0
Stage 1	250	-	-	-	-	-
Stage 2	539	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	359	789	1316	-	-	-
Stage 1	792	-	-	-	-	-
Stage 2	585	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	359	789	1316	-	-	-
Mov Cap-2 Maneuver	523	-	-	-	-	-
Stage 1	792	-	-	-	-	-
Stage 2	585	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	0	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1316	-	-	-	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	0	-	-
HCM Lane LOS	A	-	A	-	-
HCM 95th %tile Q(veh)	0	-	-	-	-

Intersection	
Int Delay, s/veh	0

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	66	0	0	104	0	0
Future Vol, veh/h	66	0	0	104	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	72	0	0	113	0	0

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	72	0	185	72
Stage 1	-	-	-	-	72	-
Stage 2	-	-	-	-	113	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1528	-	804	990
Stage 1	-	-	-	-	951	-
Stage 2	-	-	-	-	912	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1528	-	804	990
Mov Cap-2 Maneuver	-	-	-	-	804	-
Stage 1	-	-	-	-	951	-
Stage 2	-	-	-	-	912	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	0
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	-	-	-	1528	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	-	-	-	0	-

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		⇕			⇕			⇕			⇕	
Traffic Vol, veh/h	0	309	0	0	106	0	0	0	0	0	0	0
Future Vol, veh/h	0	309	0	0	106	0	0	0	0	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	84	84	84	84	84	84	84	84	84	84	84	84
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	368	0	0	126	0	0	0	0	0	0	0

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	126	0	0	368	0	0	494	494	368	494	494	126
Stage 1	-	-	-	-	-	-	368	368	-	126	126	-
Stage 2	-	-	-	-	-	-	126	126	-	368	368	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.12	6.52	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	1460	-	-	1191	-	-	486	476	677	486	476	924
Stage 1	-	-	-	-	-	-	652	621	-	878	792	-
Stage 2	-	-	-	-	-	-	878	792	-	652	621	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1460	-	-	1191	-	-	486	476	677	486	476	924
Mov Cap-2 Maneuver	-	-	-	-	-	-	486	476	-	486	476	-
Stage 1	-	-	-	-	-	-	652	621	-	878	792	-
Stage 2	-	-	-	-	-	-	878	792	-	652	621	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0	0	0
HCM LOS			A	A

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	-	1460	-	-	1191	-	-	-
HCM Lane V/C Ratio	-	-	-	-	-	-	-	-
HCM Control Delay (s)	0	0	-	-	0	-	-	0
HCM Lane LOS	A	A	-	-	A	-	-	A
HCM 95th %tile Q(veh)	-	0	-	-	0	-	-	-

Intersection	
Int Delay, s/veh	1.7

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	216	236	26	214	74	12
Future Vol, veh/h	216	236	26	214	74	12
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	175	100	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	97	97	97	97	97	97
Heavy Vehicles, %	4	8	2	8	5	2
Mvmt Flow	223	243	27	221	76	12

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	466	0	498	223
Stage 1	-	-	-	-	223	-
Stage 2	-	-	-	-	275	-
Critical Hdwy	-	-	4.12	-	6.45	6.22
Critical Hdwy Stg 1	-	-	-	-	5.45	-
Critical Hdwy Stg 2	-	-	-	-	5.45	-
Follow-up Hdwy	-	-	2.218	-	3.545	3.318
Pot Cap-1 Maneuver	-	-	1095	-	526	817
Stage 1	-	-	-	-	807	-
Stage 2	-	-	-	-	764	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1095	-	513	817
Mov Cap-2 Maneuver	-	-	-	-	513	-
Stage 1	-	-	-	-	807	-
Stage 2	-	-	-	-	745	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.9	13
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	541	-	-	1095	-
HCM Lane V/C Ratio	0.164	-	-	0.024	-
HCM Control Delay (s)	13	-	-	8.4	-
HCM Lane LOS	B	-	-	A	-
HCM 95th %tile Q(veh)	0.6	-	-	0.1	-

Intersection	
Intersection Delay, s/veh	9.7
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	109	109	111	88	38	123
Future Vol, veh/h	109	109	111	88	38	123
Peak Hour Factor	0.85	0.85	0.85	0.85	0.85	0.85
Heavy Vehicles, %	3	3	7	2	2	3
Mvmt Flow	128	128	131	104	45	145
Number of Lanes	0	1	1	0	1	1

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	2	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	2	1
HCM Control Delay	10.3	9.5	9.1
HCM LOS	B	A	A

Lane	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	50%	0%	100%	0%
Vol Thru, %	50%	56%	0%	0%
Vol Right, %	0%	44%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	218	199	38	123
LT Vol	109	0	38	0
Through Vol	109	111	0	0
RT Vol	0	88	0	123
Lane Flow Rate	256	234	45	145
Geometry Grp	2	2	7	7
Degree of Util (X)	0.342	0.295	0.077	0.2
Departure Headway (Hd)	4.796	4.541	6.161	4.966
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	746	789	579	718
Service Time	2.842	2.587	3.92	2.726
HCM Lane V/C Ratio	0.343	0.297	0.078	0.202
HCM Control Delay	10.3	9.5	9.4	9
HCM Lane LOS	B	A	A	A
HCM 95th-tile Q	1.5	1.2	0.2	0.7

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	54	182	562	135	275	234
Future Volume (veh/h)	54	182	562	135	275	234
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1826	1796	1767	1826	1767	1767
Adj Flow Rate, veh/h	59	198	611	147	299	254
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	7	9	5	9	9
Cap, veh/h	236	527	701	614	354	1219
Arrive On Green	0.14	0.14	0.40	0.40	0.21	0.69
Sat Flow, veh/h	1739	1522	1767	1547	1682	1767
Grp Volume(v), veh/h	59	198	611	147	299	254
Grp Sat Flow(s),veh/h/ln	1739	1522	1767	1547	1682	1767
Q Serve(g_s), s	1.9	6.0	19.6	3.9	10.5	3.2
Cycle Q Clear(g_c), s	1.9	6.0	19.6	3.9	10.5	3.2
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	236	527	701	614	354	1219
V/C Ratio(X)	0.25	0.38	0.87	0.24	0.84	0.21
Avail Cap(c_a), veh/h	399	670	869	761	545	1416
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	23.7	15.1	17.1	12.3	23.3	3.4
Incr Delay (d2), s/veh	0.6	0.4	8.2	0.2	7.3	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.8	1.9	7.9	1.1	4.3	0.5
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	24.3	15.5	25.3	12.5	30.6	3.5
LnGrp LOS	C	B	C	B	C	A
Approach Vol, veh/h	257		758			553
Approach Delay, s/veh	17.5		22.8			18.1
Approach LOS	B		C			B

Timer - Assigned Phs	1	2			6	8
Phs Duration (G+Y+Rc), s	18.0	30.1			48.2	13.2
Change Period (Y+Rc), s	5.1	5.8			5.8	4.9
Max Green Setting (Gmax), s	12.9	30.2			49.2	14.1
Max Q Clear Time (g_c+I1), s	12.5	21.6			5.2	8.0
Green Ext Time (p_c), s	0.5	2.8			1.4	0.4

Intersection Summary	
HCM 6th Ctrl Delay	20.3
HCM 6th LOS	C

Intersection	
Intersection Delay, s/veh	8.9
Intersection LOS	A

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	97	56	87	84	88	79
Future Vol, veh/h	97	56	87	84	88	79
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	108	62	97	93	98	88
Number of Lanes	1	0	0	1	1	1

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	9.1	9.4	8.2
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	SBLn1	SBLn2
Vol Left, %	51%	63%	0%	0%
Vol Thru, %	49%	0%	100%	0%
Vol Right, %	0%	37%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	171	153	88	79
LT Vol	87	97	0	0
Through Vol	84	0	88	0
RT Vol	0	56	0	79
Lane Flow Rate	190	170	98	88
Geometry Grp	5	2	7	7
Degree of Util (X)	0.251	0.222	0.139	0.108
Departure Headway (Hd)	4.758	4.704	5.118	4.413
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	754	763	700	811
Service Time	2.791	2.735	2.85	2.145
HCM Lane V/C Ratio	0.252	0.223	0.14	0.109
HCM Control Delay	9.4	9.1	8.7	7.7
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	1	0.8	0.5	0.4

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	59	198	611	147	299	254
v/c Ratio	0.26	0.30	0.79	0.20	0.66	0.17
Control Delay	31.9	6.4	27.2	3.9	31.1	2.9
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	31.9	6.4	27.2	3.9	31.1	2.9
Queue Length 50th (ft)	24	18	226	0	120	26
Queue Length 95th (ft)	59	54	#449	33	212	54
Internal Link Dist (ft)	926		735			673
Turn Bay Length (ft)	165			405	410	
Base Capacity (vph)	439	797	990	908	619	1531
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.13	0.25	0.62	0.16	0.48	0.17

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

1: Tinloy St /Tinloy St & Neal St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	0.3	0.0	0.1
Total Del/Veh (s)	8.8	23.9	5.8	12.6

2: SR 49 On-Ramp/Tinloy St & Auburn St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	1.2	0.0	0.6
Total Del/Veh (s)	5.3	8.8	15.7	9.8

3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.2	0.0	0.3	0.2
Total Del/Veh (s)	8.5	9.1	1.1	6.1

8: Main St & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	1.6	1.9	0.9
Total Del/Veh (s)	13.6	7.9	11.7	11.4	9.9

9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.1	0.5	2.8	0.8
Total Del/Veh (s)	9.4	12.3	13.9	34.6	17.3

10: Brunswick Rd & SR 49/20 EB On Ramp Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	7.1	7.6	24.6	13.0

11: Sutton Way & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.5	1.5	0.0	0.3
Total Del/Veh (s)	11.0	18.9	16.8	5.1	12.6

22: SR 49 EB Ramps & Dorsey Dr Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.1	0.4	1.7	0.9
Total Del/Veh (s)	18.0	18.4	11.5	15.0

23: Dorsey Dr & Sr 49 WB Ramps Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	1.6	0.0	0.2	0.4
Total Del/Veh (s)	13.8	7.5	13.5	10.0

Total Zone Performance

Denied Del/Veh (s)	1.1
Total Del/Veh (s)	320.8

Intersection: 1: Tinloy St /Tinloy St & Neal St

Movement	EB	WB	SB	SB
Directions Served	TR	LT	LT	TR
Maximum Queue (ft)	106	276	107	73
Average Queue (ft)	71	119	47	31
95th Queue (ft)	113	226	88	60
Link Distance (ft)	93	1538	960	960
Upstream Blk Time (%)	5			
Queuing Penalty (veh)	14			
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 2: SR 49 On-Ramp/Tinloy St & Auburn St

Movement	EB	WB	WB	SB	SB
Directions Served	TR	LT	T	LT	TR
Maximum Queue (ft)	129	120	188	119	96
Average Queue (ft)	55	42	81	68	46
95th Queue (ft)	104	91	144	110	84
Link Distance (ft)	135		897	99	99
Upstream Blk Time (%)	0			2	0
Queuing Penalty (veh)	0			4	0
Storage Bay Dist (ft)		100			
Storage Blk Time (%)		0	3		
Queuing Penalty (veh)		0	8		

Intersection: 3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp

Movement	WB	WB	NB	NB	SB
Directions Served	LT	TR	L	T	TR
Maximum Queue (ft)	126	91	33	78	15
Average Queue (ft)	63	49	9	43	1
95th Queue (ft)	103	80	32	66	8
Link Distance (ft)	1196	1196		262	402
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)			100		
Storage Blk Time (%)				0	
Queuing Penalty (veh)				0	

Intersection: 8: Main St & Brunswick Rd

Movement	EB	WB	WB	WB	NB	NB	SB	SB	SB
Directions Served	LTR	L	LT	R	T	R	L	L	T
Maximum Queue (ft)	46	112	114	123	127	101	106	134	104
Average Queue (ft)	19	45	50	47	58	38	29	65	47
95th Queue (ft)	44	87	90	99	102	74	76	110	88
Link Distance (ft)	777	160	160	160	1486				1622
Upstream Blk Time (%)		0	0	0					
Queuing Penalty (veh)		0	0	0					
Storage Bay Dist (ft)						115	360	360	
Storage Blk Time (%)					0	0			
Queuing Penalty (veh)					1	0			

Intersection: 9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd

Movement	EB	EB	WB	WB	WB	NB	NB	SB	SB	SB	SB
Directions Served	T	TR	L	T	T	LT	R	L	L	T	R
Maximum Queue (ft)	132	167	102	181	166	58	84	183	192	88	80
Average Queue (ft)	46	72	61	54	71	19	42	72	113	28	38
95th Queue (ft)	108	142	101	136	146	50	73	153	176	68	65
Link Distance (ft)	160	160		103	103		1666			1351	
Upstream Blk Time (%)	0	0	1	3	3						
Queuing Penalty (veh)	0	1	0	8	8						
Storage Bay Dist (ft)			140			100		240	240		240
Storage Blk Time (%)			1	3			0				
Queuing Penalty (veh)			3	3			0				

Intersection: 10: Brunswick Rd & SR 49/20 EB On Ramp

Movement	EB	EB	WB	WB	NB	NB	B52
Directions Served	T	TR	T	T	<	R	T
Maximum Queue (ft)	142	147	121	129	228	236	355
Average Queue (ft)	43	40	31	36	157	133	59
95th Queue (ft)	104	102	91	96	235	221	226
Link Distance (ft)	456	456	334	334	145	145	915
Upstream Blk Time (%)					17	9	
Queuing Penalty (veh)					0	0	
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 11: Sutton Way & Brunswick Rd

Movement	EB	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB
Directions Served	L	L	T	T	R	UL	T	TR	L	L	TR	L
Maximum Queue (ft)	96	106	156	164	130	128	187	222	74	135	91	89
Average Queue (ft)	35	53	70	85	61	49	84	118	18	58	37	36
95th Queue (ft)	73	87	127	140	103	95	151	193	50	104	74	71
Link Distance (ft)			334	334			1884	1884		1476		229
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	240	240			240	120			280		280	
Storage Blk Time (%)						0	2					
Queuing Penalty (veh)						1	2					

Intersection: 11: Sutton Way & Brunswick Rd

Movement	SB
Directions Served	T
Maximum Queue (ft)	74
Average Queue (ft)	31
95th Queue (ft)	62
Link Distance (ft)	229
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 22: SR 49 EB Ramps & Dorsey Dr

Movement	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	T	T	TR	L	LT	R
Maximum Queue (ft)	117	194	79	113	132	143	260	141
Average Queue (ft)	52	95	25	55	58	38	122	36
95th Queue (ft)	98	164	59	98	109	91	207	93
Link Distance (ft)	211	211		1564	1564		800	
Upstream Blk Time (%)		0						
Queuing Penalty (veh)		0						
Storage Bay Dist (ft)			140			220		220
Storage Blk Time (%)			0	0			1	0
Queuing Penalty (veh)			0	0			2	0

Intersection: 23: Dorsey Dr & Sr 49 WB Ramps

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	R	L	T	T	LT	R
Maximum Queue (ft)	185	129	155	170	163	132	89
Average Queue (ft)	77	30	70	62	56	60	40
95th Queue (ft)	145	80	126	122	117	108	72
Link Distance (ft)	548		211	211	211	1120	1120
Upstream Blk Time (%)			0	0	0		
Queuing Penalty (veh)			0	0	0		
Storage Bay Dist (ft)		155					
Storage Blk Time (%)	1	0					
Queuing Penalty (veh)	1	0					

Zone Summary

Zone wide Queuing Penalty: 58

MOVEMENT SUMMARY

Site: 5 [Main St / Idaho Maryland Rd]

EPAP AM Peak
Site Category: (None)
Roundabout

Movement Performance - Vehicles												
Mov ID	Turn	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: SR 49 Ramps												
3	L2	36	3.0	0.249	7.7	LOS A	1.1	27.5	0.61	0.60	0.61	33.3
8	T1	67	3.0	0.249	7.7	LOS A	1.1	27.5	0.61	0.60	0.61	33.3
18	R2	83	3.0	0.249	7.7	LOS A	1.1	27.5	0.61	0.60	0.61	32.3
Approach		186	3.0	0.249	7.7	LOS A	1.1	27.5	0.61	0.60	0.61	32.8
East: Idaho Maryland Rd												
1	L2	233	3.0	0.241	6.1	LOS A	1.0	26.5	0.49	0.42	0.49	32.0
6	T1	136	3.0	0.419	8.5	LOS A	2.1	53.8	0.58	0.51	0.58	33.3
16	R2	270	3.0	0.419	8.5	LOS A	2.1	53.8	0.58	0.51	0.58	32.3
Approach		639	3.0	0.419	7.6	LOS A	2.1	53.8	0.54	0.48	0.54	32.4
North: Main St												
7	L2	129	3.0	0.323	7.1	LOS A	1.4	35.7	0.51	0.46	0.51	33.1
4	T1	183	3.0	0.323	7.1	LOS A	1.4	35.7	0.51	0.46	0.51	33.0
14	R2	207	3.0	0.127	0.0	LOS A	0.0	0.0	0.00	0.00	0.00	37.2
Approach		519	3.0	0.323	4.3	LOS A	1.4	35.7	0.31	0.28	0.31	34.5
West: Main St												
5	L2	276	3.0	0.520	11.3	LOS B	3.6	90.9	0.67	0.79	1.00	30.7
2	T1	154	3.0	0.520	11.3	LOS B	3.6	90.9	0.67	0.79	1.00	30.7
12	R2	14	3.0	0.520	11.3	LOS B	3.6	90.9	0.67	0.79	1.00	29.9
Approach		444	3.0	0.520	11.3	LOS B	3.6	90.9	0.67	0.79	1.00	30.7
All Vehicles		1788	3.0	0.520	7.6	LOS A	3.6	90.9	0.51	0.51	0.60	32.6

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Signalised Intersections.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Intersection	
Intersection Delay, s/veh	15.9
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	60	282	1	0	0	0	0	119	156	174	329	0
Future Vol, veh/h	60	282	1	0	0	0	0	119	156	174	329	0
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	67	313	1	0	0	0	0	132	173	193	366	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	14	15.9	17.2
HCM LOS	B	C	C

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	30%	0%	100%	0%
Vol Thru, %	43%	70%	99%	0%	100%
Vol Right, %	57%	0%	1%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	275	201	142	174	329
LT Vol	0	60	0	174	0
Through Vol	119	141	141	0	329
RT Vol	156	0	1	0	0
Lane Flow Rate	306	223	158	193	366
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.524	0.434	0.299	0.363	0.634
Departure Headway (Hd)	6.172	6.988	6.832	6.753	6.245
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	584	514	525	532	578
Service Time	4.225	4.744	4.587	4.508	3.999
HCM Lane V/C Ratio	0.524	0.434	0.301	0.363	0.633
HCM Control Delay	15.9	15	12.5	13.3	19.3
HCM Lane LOS	C	B	B	B	C
HCM 95th-tile Q	3	2.2	1.2	1.6	4.4

Intersection	
Intersection Delay, s/veh	35.1
Intersection LOS	E

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	215	53	66	732	169	227
Future Vol, veh/h	215	53	66	732	169	227
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles, %	4	6	2	12	6	28
Mvmt Flow	239	59	73	813	188	252
Number of Lanes	1	0	0	2	1	1

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	2	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	2	0	2
HCM Control Delay	18.1	49.8	16.8
HCM LOS	C	E	C

Lane	NBLn1	NBLn2	EBLn1	WBLn1	WBLn2
Vol Left, %	100%	0%	0%	21%	0%
Vol Thru, %	0%	0%	80%	79%	100%
Vol Right, %	0%	100%	20%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	169	227	268	310	488
LT Vol	169	0	0	66	0
Through Vol	0	0	215	244	488
RT Vol	0	227	53	0	0
Lane Flow Rate	188	252	298	344	542
Geometry Grp	7	7	4	7	7
Degree of Util (X)	0.419	0.503	0.558	0.638	1.014
Departure Headway (Hd)	8.026	7.182	6.751	6.669	6.733
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	447	502	533	541	537
Service Time	5.79	4.945	4.809	4.434	4.499
HCM Lane V/C Ratio	0.421	0.502	0.559	0.636	1.009
HCM Control Delay	16.5	17.1	18.1	20.5	68.4
HCM Lane LOS	C	C	C	C	F
HCM 95th-tile Q	2	2.8	3.4	4.5	14.7

Intersection	
Intersection Delay, s/veh	21.5
Intersection LOS	C

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	426	72	23	682	93	30
Future Vol, veh/h	426	72	23	682	93	30
Peak Hour Factor	0.87	0.87	0.87	0.87	0.87	0.87
Heavy Vehicles, %	39	4	2	7	5	2
Mvmt Flow	490	83	26	784	107	34
Number of Lanes	2	0	0	2	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	2	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	2
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	1	0	2
HCM Control Delay	16.4	26.8	12.2
HCM LOS	C	D	B

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2
Vol Left, %	76%	0%	0%	9%	0%
Vol Thru, %	0%	100%	66%	91%	100%
Vol Right, %	24%	0%	34%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	123	284	214	250	455
LT Vol	93	0	0	23	0
Through Vol	0	284	142	227	455
RT Vol	30	0	72	0	0
Lane Flow Rate	141	326	246	288	523
Geometry Grp	2	7	7	7	7
Degree of Util (X)	0.265	0.608	0.4	0.468	0.856
Departure Headway (Hd)	6.749	6.7	5.859	5.854	5.894
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	533	539	615	616	617
Service Time	4.788	4.443	3.601	3.59	3.63
HCM Lane V/C Ratio	0.265	0.605	0.4	0.468	0.848
HCM Control Delay	12.2	19.3	12.5	13.7	34
HCM Lane LOS	B	C	B	B	D
HCM 95th-tile Q	1.1	4	1.9	2.5	9.5

Intersection	
Int Delay, s/veh	9.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	209	25	0	76	247	472	57	94	459	14
Future Vol, veh/h	0	0	209	25	0	76	247	472	57	94	459	14
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	0	50	-	0	550	-	-	120	-	150
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	97	97	97	97	97	97	97	97	97	97	97	97
Heavy Vehicles, %	2	2	5	2	2	2	4	5	2	2	12	2
Mvmt Flow	0	0	215	26	0	78	255	487	59	97	473	14

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	-	-	473	1809	-	517	487	0	0	546	0	0
Stage 1	-	-	-	1027	-	-	-	-	-	-	-	-
Stage 2	-	-	-	782	-	-	-	-	-	-	-	-
Critical Hdwy	-	-	6.25	7.12	-	6.22	4.14	-	-	4.12	-	-
Critical Hdwy Stg 1	-	-	-	6.12	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	6.12	-	-	-	-	-	-	-	-
Follow-up Hdwy	-	-	3.345	3.518	-	3.318	2.236	-	-	2.218	-	-
Pot Cap-1 Maneuver	0	0	585	61	0	558	1066	-	-	1023	-	-
Stage 1	0	0	-	283	0	-	-	-	-	-	-	-
Stage 2	0	0	-	387	0	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	-	-	585	29	-	558	1066	-	-	1023	-	-
Mov Cap-2 Maneuver	-	-	-	29	-	-	-	-	-	-	-	-
Stage 1	-	-	-	215	-	-	-	-	-	-	-	-
Stage 2	-	-	-	221	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	14.7	90.7	3	1.5
HCM LOS	B	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	1066	-	-	585	29	558	1023	-	-
HCM Lane V/C Ratio	0.239	-	-	0.368	0.889	0.14	0.095	-	-
HCM Control Delay (s)	9.4	-	-	14.7	$ 328.3	12.5	8.9	-	-
HCM Lane LOS	A	-	-	B	F	B	A	-	-
HCM 95th %tile Q(veh)	0.9	-	-	1.7	2.9	0.5	0.3	-	-

Intersection	
Int Delay, s/veh	1.8

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	90	58	25	684	645	42
Future Vol, veh/h	90	58	25	684	645	42
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	95	61	26	720	679	44

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1473	362	723	0	-	0
Stage 1	701	-	-	-	-	-
Stage 2	772	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	128	633	866	-	-	-
Stage 1	454	-	-	-	-	-
Stage 2	455	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	124	633	866	-	-	-
Mov Cap-2 Maneuver	322	-	-	-	-	-
Stage 1	440	-	-	-	-	-
Stage 2	455	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	17.1	0.3	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	866	-	322	633	-	-
HCM Lane V/C Ratio	0.03	-	0.294	0.096	-	-
HCM Control Delay (s)	9.3	-	20.8	11.3	-	-
HCM Lane LOS	A	-	C	B	-	-
HCM 95th %tile Q(veh)	0.1	-	1.2	0.3	-	-

Intersection	
Intersection Delay, s/veh	23.6
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	20	29	19	25	44	85	9	320	36	153	493	33
Future Vol, veh/h	20	29	19	25	44	85	9	320	36	153	493	33
Peak Hour Factor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Heavy Vehicles, %	2	2	2	2	2	4	2	9	2	4	9	3
Mvmt Flow	20	29	19	25	44	86	9	323	36	155	498	33
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	11	12	18.8	30.1
HCM LOS	B	B	C	D

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	29%	16%	100%	0%
Vol Thru, %	0%	90%	43%	29%	0%	94%
Vol Right, %	0%	10%	28%	55%	0%	6%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	9	356	68	154	153	526
LT Vol	9	0	20	25	153	0
Through Vol	0	320	29	44	0	493
RT Vol	0	36	19	85	0	33
Lane Flow Rate	9	360	69	156	155	531
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.017	0.625	0.131	0.277	0.272	0.868
Departure Headway (Hd)	6.713	6.254	6.888	6.407	6.344	5.879
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	531	575	517	557	566	616
Service Time	4.479	4.019	4.985	4.487	4.099	3.633
HCM Lane V/C Ratio	0.017	0.626	0.133	0.28	0.274	0.862
HCM Control Delay	9.6	19	11	12	11.5	35.5
HCM Lane LOS	A	C	B	B	B	E
HCM 95th-tile Q	0.1	4.3	0.4	1.1	1.1	9.9

Intersection	
Int Delay, s/veh	38.5

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	74	226	239	262	393	110
Future Vol, veh/h	74	226	239	262	393	110
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	3	2	2
Mvmt Flow	80	246	260	285	427	120

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	260	0	-	0	666	260
Stage 1	-	-	-	-	260	-
Stage 2	-	-	-	-	406	-
Critical Hdwy	4.12	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1304	-	-	0	~ 425	779
Stage 1	-	-	-	0	783	-
Stage 2	-	-	-	0	673	-
Platoon blocked, %			-	-		
Mov Cap-1 Maneuver	1304	-	-	-	~ 399	779
Mov Cap-2 Maneuver	-	-	-	-	~ 399	-
Stage 1	-	-	-	-	735	-
Stage 2	-	-	-	-	673	-

Approach	EB	WB	SB
HCM Control Delay, s	2	0	78.6
HCM LOS			F

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1304	-	-	399	779
HCM Lane V/C Ratio	0.062	-	-	1.071	0.153
HCM Control Delay (s)	7.9	-	-	97.7	10.5
HCM Lane LOS	A	-	-	F	B
HCM 95th %tile Q(veh)	0.2	-	-	14.5	0.5

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	0	0	365	537	0
Future Vol, veh/h	0	0	0	365	537	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	500	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	0	397	584	0

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	981	584	584	0	-	0
Stage 1	584	-	-	-	-	-
Stage 2	397	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	277	512	991	-	-	-
Stage 1	557	-	-	-	-	-
Stage 2	679	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	277	512	991	-	-	-
Mov Cap-2 Maneuver	470	-	-	-	-	-
Stage 1	557	-	-	-	-	-
Stage 2	679	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	0	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	991	-	-	-	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	0	-	-
HCM Lane LOS	A	-	A	-	-
HCM 95th %tile Q(veh)	0	-	-	-	-

Intersection	
Int Delay, s/veh	0

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	68	0	0	86	0	0
Future Vol, veh/h	68	0	0	86	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	74	0	0	93	0	0

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	74	0	167	74
Stage 1	-	-	-	-	74	-
Stage 2	-	-	-	-	93	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1526	-	823	988
Stage 1	-	-	-	-	949	-
Stage 2	-	-	-	-	931	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1526	-	823	988
Mov Cap-2 Maneuver	-	-	-	-	823	-
Stage 1	-	-	-	-	949	-
Stage 2	-	-	-	-	931	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	0
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	-	-	-	1526	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	-	-	-	0	-

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		⇕			⇕			⇕			⇕	
Traffic Vol, veh/h	0	114	0	0	261	0	0	0	0	0	0	0
Future Vol, veh/h	0	114	0	0	261	0	0	0	0	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	75	75	75	75	75	75	75	75	75	75	75	75
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	152	0	0	348	0	0	0	0	0	0	0

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	348	0	0	152	0	0	500	500	152	500	500	348
Stage 1	-	-	-	-	-	-	152	152	-	348	348	-
Stage 2	-	-	-	-	-	-	348	348	-	152	152	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.12	6.52	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	1211	-	-	1429	-	-	481	473	894	481	473	695
Stage 1	-	-	-	-	-	-	850	772	-	668	634	-
Stage 2	-	-	-	-	-	-	668	634	-	850	772	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1211	-	-	1429	-	-	481	473	894	481	473	695
Mov Cap-2 Maneuver	-	-	-	-	-	-	481	473	-	481	473	-
Stage 1	-	-	-	-	-	-	850	772	-	668	634	-
Stage 2	-	-	-	-	-	-	668	634	-	850	772	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0	0	0
HCM LOS			A	A

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	-	1211	-	-	1429	-	-	-
HCM Lane V/C Ratio	-	-	-	-	-	-	-	-
HCM Control Delay (s)	0	0	-	-	0	-	-	0
HCM Lane LOS	A	A	-	-	A	-	-	A
HCM 95th %tile Q(veh)	-	0	-	-	0	-	-	-

Intersection	
Int Delay, s/veh	26

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	299	120	12	385	245	37
Future Vol, veh/h	299	120	12	385	245	37
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	175	100	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	80	80	80	80	80	80
Heavy Vehicles, %	12	10	2	7	2	9
Mvmt Flow	374	150	15	481	306	46

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	524	0	885	374
Stage 1	-	-	-	-	374	-
Stage 2	-	-	-	-	511	-
Critical Hdwy	-	-	4.12	-	6.42	6.29
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.381
Pot Cap-1 Maneuver	-	-	1043	-	315	657
Stage 1	-	-	-	-	696	-
Stage 2	-	-	-	-	602	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1043	-	311	657
Mov Cap-2 Maneuver	-	-	-	-	311	-
Stage 1	-	-	-	-	696	-
Stage 2	-	-	-	-	594	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.3	100.9
HCM LOS			F

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	334	-	-	1043	-
HCM Lane V/C Ratio	1.055	-	-	0.014	-
HCM Control Delay (s)	100.9	-	-	8.5	-
HCM Lane LOS	F	-	-	A	-
HCM 95th %tile Q(veh)	12.7	-	-	0	-

Intersection	
Intersection Delay, s/veh	13.9
Intersection LOS	B

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	212	110	199	67	107	208
Future Vol, veh/h	212	110	199	67	107	208
Peak Hour Factor	0.85	0.85	0.85	0.85	0.85	0.85
Heavy Vehicles, %	2	8	3	2	2	4
Mvmt Flow	249	129	234	79	126	245
Number of Lanes	0	1	1	0	1	1

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	2	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	2	1
HCM Control Delay	16.3	13.3	11.9
HCM LOS	C	B	B

Lane	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	66%	0%	100%	0%
Vol Thru, %	34%	75%	0%	0%
Vol Right, %	0%	25%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	322	266	107	208
LT Vol	212	0	107	0
Through Vol	110	199	0	0
RT Vol	0	67	0	208
Lane Flow Rate	379	313	126	245
Geometry Grp	2	2	7	7
Degree of Util (X)	0.587	0.472	0.241	0.388
Departure Headway (Hd)	5.577	5.428	6.886	5.702
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	648	663	521	631
Service Time	3.619	3.473	4.632	3.446
HCM Lane V/C Ratio	0.585	0.472	0.242	0.388
HCM Control Delay	16.3	13.3	11.8	12
HCM Lane LOS	C	B	B	B
HCM 95th-tile Q	3.8	2.5	0.9	1.8

Intersection	
Intersection Delay, s/veh	15.6
Intersection LOS	C

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	144	186	125	172	179	179
Future Vol, veh/h	144	186	125	172	179	179
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	173	224	151	207	216	216
Number of Lanes	1	0	0	1	1	1

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	17.9	17.4	12.1
HCM LOS	C	C	B

Lane	NBLn1	EBLn1	SBLn1	SBLn2
Vol Left, %	42%	44%	0%	0%
Vol Thru, %	58%	0%	100%	0%
Vol Right, %	0%	56%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	297	330	179	179
LT Vol	125	144	0	0
Through Vol	172	0	179	0
RT Vol	0	186	0	179
Lane Flow Rate	358	398	216	216
Geometry Grp	5	2	7	7
Degree of Util (X)	0.592	0.627	0.377	0.335
Departure Headway (Hd)	5.951	5.673	6.301	5.588
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	605	632	569	641
Service Time	4.012	3.731	4.067	3.354
HCM Lane V/C Ratio	0.592	0.63	0.38	0.337
HCM Control Delay	17.4	17.9	12.9	11.2
HCM Lane LOS	C	C	B	B
HCM 95th-tile Q	3.9	4.4	1.7	1.5

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	146	329	380	45	121	533
Future Volume (veh/h)	146	329	380	45	121	533
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1826	1781	1767	1826	1767	1767
Adj Flow Rate, veh/h	159	358	413	49	132	579
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	8	9	5	9	9
Cap, veh/h	443	539	537	471	172	911
Arrive On Green	0.25	0.25	0.30	0.30	0.10	0.52
Sat Flow, veh/h	1739	1510	1767	1547	1682	1767
Grp Volume(v), veh/h	159	358	413	49	132	579
Grp Sat Flow(s),veh/h/ln	1739	1510	1767	1547	1682	1767
Q Serve(g_s), s	3.5	9.3	9.9	1.1	3.6	11.0
Cycle Q Clear(g_c), s	3.5	9.3	9.9	1.1	3.6	11.0
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	443	539	537	471	172	911
V/C Ratio(X)	0.36	0.66	0.77	0.10	0.77	0.64
Avail Cap(c_a), veh/h	526	611	1144	1002	718	1864
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	14.3	12.6	14.7	11.7	20.4	8.1
Incr Delay (d2), s/veh	0.5	2.3	2.3	0.1	7.0	0.7
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.2	2.9	3.3	0.3	1.5	2.5
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	14.7	14.9	17.1	11.8	27.4	8.9
LnGrp LOS	B	B	B	B	C	A
Approach Vol, veh/h	517		462			711
Approach Delay, s/veh	14.9		16.5			12.3
Approach LOS	B		B			B

Timer - Assigned Phs	1	2			6	8
Phs Duration (G+Y+Rc), s	9.9	20.0			29.8	16.8
Change Period (Y+Rc), s	5.1	5.8			5.8	4.9
Max Green Setting (Gmax), s	4.8	30.2			49.2	14.1
Max Q Clear Time (g_c+I1), s	5.5	11.9			13.0	11.3
Green Ext Time (p_c), s	0.3	2.3			3.8	0.6

Intersection Summary	
HCM 6th Ctrl Delay	14.2
HCM 6th LOS	B

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	159	358	413	49	132	579
v/c Ratio	0.46	0.45	0.65	0.09	0.39	0.46
Control Delay	27.9	5.4	21.6	5.3	26.5	7.1
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	27.9	5.4	21.6	5.3	26.5	7.1
Queue Length 50th (ft)	45	16	111	0	38	90
Queue Length 95th (ft)	125	75	237	19	102	174
Internal Link Dist (ft)	1009		858			663
Turn Bay Length (ft)	165			505	410	
Base Capacity (vph)	510	1080	1115	966	720	1664
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.31	0.33	0.37	0.05	0.18	0.35

Intersection Summary

1: Tinloy St /Tinloy St & Neal St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	0.2	0.0	0.1
Total Del/Veh (s)	10.4	22.5	6.0	11.5

2: SR 49 On-Ramp/Tinloy St & Auburn St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	1.0	0.0	0.4
Total Del/Veh (s)	5.9	8.9	18.3	10.5

3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.2	0.0	0.5	0.3
Total Del/Veh (s)	11.8	10.3	1.9	7.4

8: Main St & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	1.6	2.2	1.2
Total Del/Veh (s)	21.1	10.4	17.9	17.6	15.0

9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.0	0.5	2.8	0.8
Total Del/Veh (s)	14.8	14.7	20.8	37.9	21.3

10: Brunswick Rd & SR 49/20 EB On Ramp Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	8.3	9.8	26.7	13.5

11: Sutton Way & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.6	1.5	0.0	0.5
Total Del/Veh (s)	17.6	35.0	30.9	13.5	24.0

22: SR 49 EB Ramps & Dorsey Dr Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.5	2.7	0.9
Total Del/Veh (s)	12.9	14.6	13.2	13.6

23: Dorsey Dr & Sr 49 WB Ramps Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	2.7	0.0	0.2	1.2
Total Del/Veh (s)	18.9	11.3	16.0	15.5

Total Zone Performance

Denied Del/Veh (s)	1.4
Total Del/Veh (s)	704.8

Intersection: 1: Tinloy St /Tinloy St & Neal St

Movement	EB	WB	SB	SB
Directions Served	TR	LT	LT	TR
Maximum Queue (ft)	112	223	101	108
Average Queue (ft)	76	99	47	48
95th Queue (ft)	119	185	90	89
Link Distance (ft)	93	1538	960	960
Upstream Blk Time (%)	7			
Queuing Penalty (veh)	21			
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 2: SR 49 On-Ramp/Tinloy St & Auburn St

Movement	EB	WB	WB	SB	SB
Directions Served	TR	LT	T	LT	TR
Maximum Queue (ft)	143	108	195	123	110
Average Queue (ft)	84	33	85	77	61
95th Queue (ft)	140	77	154	120	105
Link Distance (ft)	135		897	99	99
Upstream Blk Time (%)	1			5	1
Queuing Penalty (veh)	4			7	2
Storage Bay Dist (ft)		100			
Storage Blk Time (%)		0	3		
Queuing Penalty (veh)		0	6		

Intersection: 3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp

Movement	WB	WB	NB	NB	SB
Directions Served	LT	TR	L	T	TR
Maximum Queue (ft)	158	153	49	82	33
Average Queue (ft)	78	68	17	41	4
95th Queue (ft)	127	118	43	65	20
Link Distance (ft)	1196	1196		262	402
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)			100		
Storage Blk Time (%)				0	
Queuing Penalty (veh)				0	

Intersection: 8: Main St & Brunswick Rd

Movement	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	LTR	L	LT	R	L	T	R	L	L	TR
Maximum Queue (ft)	49	98	110	172	57	236	140	201	230	183
Average Queue (ft)	14	48	50	86	3	103	72	77	120	64
95th Queue (ft)	40	87	91	159	28	191	137	168	196	130
Link Distance (ft)	777	160	160	160		1486				1622
Upstream Blk Time (%)				1						
Queuing Penalty (veh)				2						
Storage Bay Dist (ft)					115		115	360	360	
Storage Blk Time (%)						5	2			
Queuing Penalty (veh)						9	4			

Intersection: 9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd

Movement	EB	EB	WB	WB	WB	NB	NB	SB	SB	SB	SB
Directions Served	T	TR	L	T	T	LT	R	L	L	T	R
Maximum Queue (ft)	177	196	102	164	179	110	217	216	236	129	117
Average Queue (ft)	97	136	61	55	99	32	89	118	145	34	46
95th Queue (ft)	181	212	100	131	184	83	162	194	209	88	84
Link Distance (ft)	160	160		103	103		1666			1351	
Upstream Blk Time (%)	1	7	1	3	8						
Queuing Penalty (veh)	4	24	0	9	27						
Storage Bay Dist (ft)			140			100		240	240		240
Storage Blk Time (%)			1	3		1	7	0	0		
Queuing Penalty (veh)			3	3		2	2	0	0		

Intersection: 10: Brunswick Rd & SR 49/20 EB On Ramp

Movement	EB	EB	WB	WB	WB	NB	NB	B52
Directions Served	T	TR	T	T	R	<	R	T
Maximum Queue (ft)	141	140	249	289	143	219	233	366
Average Queue (ft)	61	59	67	88	11	143	161	78
95th Queue (ft)	128	117	172	222	100	222	246	277
Link Distance (ft)	456	456	334	334	334	145	145	915
Upstream Blk Time (%)			0	0	0	13	18	
Queuing Penalty (veh)			0	0	0	0	0	
Storage Bay Dist (ft)								
Storage Blk Time (%)								
Queuing Penalty (veh)								

Intersection: 11: Sutton Way & Brunswick Rd

Movement	EB	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB
Directions Served	L	L	T	T	R	UL	T	TR	L	L	TR	L
Maximum Queue (ft)	152	173	204	218	224	205	281	370	245	321	223	157
Average Queue (ft)	68	84	108	114	99	95	140	211	98	177	94	68
95th Queue (ft)	129	140	179	181	177	170	237	314	209	278	179	123
Link Distance (ft)			334	334			1884	1884		1476		229
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	240	240			240	120			280		280	
Storage Blk Time (%)			0	0	0	5	8		0	1		
Queuing Penalty (veh)			0	0	0	14	12		0	4		

Intersection: 11: Sutton Way & Brunswick Rd

Movement	SB
Directions Served	T
Maximum Queue (ft)	120
Average Queue (ft)	54
95th Queue (ft)	101
Link Distance (ft)	229
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 22: SR 49 EB Ramps & Dorsey Dr

Movement	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	T	T	TR	L	LT	R
Maximum Queue (ft)	188	218	140	150	155	96	131	126
Average Queue (ft)	83	102	65	54	73	41	61	54
95th Queue (ft)	153	193	120	112	134	80	109	95
Link Distance (ft)	211	211		1564	1564		800	
Upstream Blk Time (%)	0	1						
Queuing Penalty (veh)	0	3						
Storage Bay Dist (ft)			140			220		220
Storage Blk Time (%)			0	0				
Queuing Penalty (veh)			1	0				

Intersection: 23: Dorsey Dr & Sr 49 WB Ramps

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	R	L	T	T	LT	R
Maximum Queue (ft)	441	180	216	131	130	199	83
Average Queue (ft)	176	106	110	41	38	94	35
95th Queue (ft)	371	202	186	99	96	161	64
Link Distance (ft)	548		211	211	211	1120	1120
Upstream Blk Time (%)	1		0				
Queuing Penalty (veh)	0		1				
Storage Bay Dist (ft)		155					
Storage Blk Time (%)	9	1					
Queuing Penalty (veh)	34	4					

Zone Summary

Zone wide Queuing Penalty: 189

MOVEMENT SUMMARY

Site: 5 [Main St / Idaho Maryland Rd]

EPAP PM Peak
Site Category: (None)
Roundabout

Movement Performance - Vehicles												
Mov ID	Turn	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: SR 49 Ramps												
3	L2	75	3.0	0.244	6.5	LOS A	1.1	28.4	0.54	0.46	0.54	33.5
8	T1	71	3.0	0.244	6.5	LOS A	1.1	28.4	0.54	0.46	0.54	33.4
18	R2	73	3.0	0.244	6.5	LOS A	1.1	28.4	0.54	0.46	0.54	32.5
Approach		218	3.0	0.244	6.5	LOS A	1.1	28.4	0.54	0.46	0.54	33.1
East: Idaho Maryland Rd												
1	L2	335	3.0	0.338	7.2	LOS A	1.6	40.7	0.52	0.44	0.52	31.6
6	T1	249	3.0	0.485	9.4	LOS A	3.1	79.2	0.60	0.57	0.69	32.9
16	R2	234	3.0	0.485	9.4	LOS A	3.1	79.2	0.60	0.57	0.69	31.9
Approach		818	3.0	0.485	8.5	LOS A	3.1	79.2	0.57	0.52	0.62	32.0
North: Main St												
7	L2	77	3.0	0.374	9.3	LOS A	1.7	44.0	0.63	0.67	0.74	32.4
4	T1	213	3.0	0.374	9.3	LOS A	1.7	44.0	0.63	0.67	0.74	32.4
14	R2	329	3.0	0.203	0.0	LOS A	0.0	0.0	0.00	0.00	0.00	37.2
Approach		619	3.0	0.374	4.3	LOS A	1.7	44.0	0.29	0.31	0.35	34.7
West: Main St												
5	L2	207	3.0	0.431	10.0	LOS B	2.3	58.7	0.65	0.72	0.85	31.2
2	T1	102	3.0	0.431	10.0	LOS B	2.3	58.7	0.65	0.72	0.85	31.2
12	R2	35	3.0	0.431	10.0	LOS B	2.3	58.7	0.65	0.72	0.85	30.4
Approach		344	3.0	0.431	10.0	LOS B	2.3	58.7	0.65	0.72	0.85	31.1
All Vehicles		1999	3.0	0.485	7.3	LOS A	3.1	79.2	0.49	0.48	0.57	32.8

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Signalised Intersections.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Intersection	
Intersection Delay, s/veh	9.3
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	15	96	2	0	0	0	0	84	100	89	97	0
Future Vol, veh/h	15	96	2	0	0	0	0	84	100	89	97	0
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	17	109	2	0	0	0	0	95	114	101	110	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	9	9.7	9
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	24%	0%	100%	0%
Vol Thru, %	46%	76%	96%	0%	100%
Vol Right, %	54%	0%	4%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	184	63	50	89	97
LT Vol	0	15	0	89	0
Through Vol	84	48	48	0	97
RT Vol	100	0	2	0	0
Lane Flow Rate	209	72	57	101	110
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.279	0.113	0.087	0.157	0.155
Departure Headway (Hd)	4.812	5.673	5.525	5.572	5.07
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	746	631	648	644	708
Service Time	2.844	3.415	3.267	3.305	2.803
HCM Lane V/C Ratio	0.28	0.114	0.088	0.157	0.155
HCM Control Delay	9.7	9.1	8.8	9.3	8.7
HCM Lane LOS	A	A	A	A	A
HCM 95th-tile Q	1.1	0.4	0.3	0.6	0.5

Intersection	
Intersection Delay, s/veh	15.9
Intersection LOS	C

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	189	19	32	178	125	332
Future Vol, veh/h	189	19	32	178	125	332
Peak Hour Factor	0.77	0.77	0.77	0.77	0.77	0.77
Heavy Vehicles, %	3	2	5	31	11	14
Mvmt Flow	245	25	42	231	162	431
Number of Lanes	1	0	0	2	1	1

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	2	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	2	0	2
HCM Control Delay	15	12.5	17.9
HCM LOS	B	B	C

Lane	NBLn1	NBLn2	EBLn1	WBLn1	WBLn2
Vol Left, %	100%	0%	0%	35%	0%
Vol Thru, %	0%	0%	91%	65%	100%
Vol Right, %	0%	100%	9%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	125	332	208	91	119
LT Vol	125	0	0	32	0
Through Vol	0	0	189	59	119
RT Vol	0	332	19	0	0
Lane Flow Rate	162	431	270	119	154
Geometry Grp	7	7	4	7	7
Degree of Util (X)	0.31	0.683	0.475	0.227	0.306
Departure Headway (Hd)	6.865	5.702	6.336	6.883	7.155
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	523	634	567	521	501
Service Time	4.609	3.445	4.384	4.639	4.911
HCM Lane V/C Ratio	0.31	0.68	0.476	0.228	0.307
HCM Control Delay	12.7	19.9	15	11.7	13.1
HCM Lane LOS	B	C	B	B	B
HCM 95th-tile Q	1.3	5.3	2.5	0.9	1.3

Intersection	
Intersection Delay, s/veh	11.4
Intersection LOS	B

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	440	68	20	154	44	7
Future Vol, veh/h	440	68	20	154	44	7
Peak Hour Factor	0.78	0.78	0.78	0.78	0.78	0.78
Heavy Vehicles, %	14	5	2	24	5	3
Mvmt Flow	564	87	26	197	56	9
Number of Lanes	2	0	0	2	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	2	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	2
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	1	0	2
HCM Control Delay	12.2	9.6	9.6
HCM LOS	B	A	A

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2
Vol Left, %	86%	0%	0%	28%	0%
Vol Thru, %	0%	100%	68%	72%	100%
Vol Right, %	14%	0%	32%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	51	293	215	71	103
LT Vol	44	0	0	20	0
Through Vol	0	293	147	51	103
RT Vol	7	0	68	0	0
Lane Flow Rate	65	376	275	91	132
Geometry Grp	2	7	7	7	7
Degree of Util (X)	0.106	0.537	0.364	0.139	0.209
Departure Headway (Hd)	5.839	5.141	4.765	5.48	5.715
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	612	699	754	653	627
Service Time	3.894	2.875	2.498	3.226	3.461
HCM Lane V/C Ratio	0.106	0.538	0.365	0.139	0.211
HCM Control Delay	9.6	13.7	10.2	9.1	10
HCM Lane LOS	A	B	B	A	A
HCM 95th-tile Q	0.4	3.2	1.7	0.5	0.8

Intersection	
Int Delay, s/veh	5.2

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	110	46	0	55	101	214	10	11	203	3
Future Vol, veh/h	0	0	110	46	0	55	101	214	10	11	203	3
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	0	550	-	-	120	-	150
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	83	83	83	83	83	83	83	83	83	83	83	83
Heavy Vehicles, %	2	2	8	2	2	2	12	17	2	2	14	2
Mvmt Flow	0	0	133	55	0	66	122	258	12	13	245	4

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	-	785	245	848	783	264	249	0	0	270	0	0
Stage 1	-	271	-	508	508	-	-	-	-	-	-	-
Stage 2	-	514	-	340	275	-	-	-	-	-	-	-
Critical Hdwy	-	6.52	6.28	7.12	6.52	6.22	4.22	-	-	4.12	-	-
Critical Hdwy Stg 1	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	-	4.018	3.372	3.518	4.018	3.318	2.308	-	-	2.218	-	-
Pot Cap-1 Maneuver	0	325	779	281	325	775	1260	-	-	1293	-	-
Stage 1	0	685	-	547	539	-	-	-	-	-	-	-
Stage 2	0	535	-	675	683	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	-	291	779	214	291	775	1260	-	-	1293	-	-
Mov Cap-2 Maneuver	-	291	-	214	291	-	-	-	-	-	-	-
Stage 1	-	678	-	494	487	-	-	-	-	-	-	-
Stage 2	-	483	-	555	676	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	10.6	18.1	2.5	0.4
HCM LOS	B	C		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	1260	-	-	779	214	775	1293	-	-
HCM Lane V/C Ratio	0.097	-	-	0.17	0.259	0.086	0.01	-	-
HCM Control Delay (s)	8.2	-	-	10.6	27.6	10.1	7.8	-	-
HCM Lane LOS	A	-	-	B	D	B	A	-	-
HCM 95th %tile Q(veh)	0.3	-	-	0.6	1	0.3	0	-	-

Intersection	
Int Delay, s/veh	1

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	13	28	36	311	299	45
Future Vol, veh/h	13	28	36	311	299	45
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	76	76	76	76	76	76
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	17	37	47	409	393	59

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	926	226	452	0	-	0
Stage 1	423	-	-	-	-	-
Stage 2	503	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	283	775	1094	-	-	-
Stage 1	630	-	-	-	-	-
Stage 2	606	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	271	775	1094	-	-	-
Mov Cap-2 Maneuver	468	-	-	-	-	-
Stage 1	603	-	-	-	-	-
Stage 2	606	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	10.9	0.9	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	1094	-	468	775	-	-
HCM Lane V/C Ratio	0.043	-	0.037	0.048	-	-
HCM Control Delay (s)	8.4	-	13	9.9	-	-
HCM Lane LOS	A	-	B	A	-	-
HCM 95th %tile Q(veh)	0.1	-	0.1	0.1	-	-

Intersection	
Intersection Delay, s/veh	11
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	10	10	8	29	26	83	16	295	6	30	101	11
Future Vol, veh/h	10	10	8	29	26	83	16	295	6	30	101	11
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles, %	3	2	2	2	2	4	2	9	2	3	9	3
Mvmt Flow	11	11	9	32	29	92	18	328	7	33	112	12
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	8.7	9.3	12.8	9.3
HCM LOS	A	A	B	A

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	36%	21%	100%	0%
Vol Thru, %	0%	98%	36%	19%	0%	90%
Vol Right, %	0%	2%	29%	60%	0%	10%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	16	301	28	138	30	112
LT Vol	16	0	10	29	30	0
Through Vol	0	295	10	26	0	101
RT Vol	0	6	8	83	0	11
Lane Flow Rate	18	334	31	153	33	124
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.028	0.488	0.046	0.211	0.054	0.186
Departure Headway (Hd)	5.655	5.258	5.37	4.946	5.862	5.391
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	630	682	661	722	607	661
Service Time	3.416	3.018	3.45	3	3.634	3.163
HCM Lane V/C Ratio	0.029	0.49	0.047	0.212	0.054	0.188
HCM Control Delay	8.6	13	8.7	9.3	9	9.4
HCM Lane LOS	A	B	A	A	A	A
HCM 95th-tile Q	0.1	2.7	0.1	0.8	0.2	0.7

Intersection	
Int Delay, s/veh	5.2

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	46	123	127	229	117	43
Future Vol, veh/h	46	123	127	229	117	43
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	80	80	80	80	80	80
Heavy Vehicles, %	3	13	10	5	3	2
Mvmt Flow	58	154	159	286	146	54

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	159	0	-	0	429	159
Stage 1	-	-	-	-	159	-
Stage 2	-	-	-	-	270	-
Critical Hdwy	4.13	-	-	-	6.43	6.22
Critical Hdwy Stg 1	-	-	-	-	5.43	-
Critical Hdwy Stg 2	-	-	-	-	5.43	-
Follow-up Hdwy	2.227	-	-	-	3.527	3.318
Pot Cap-1 Maneuver	1414	-	-	0	581	886
Stage 1	-	-	-	0	867	-
Stage 2	-	-	-	0	773	-
Platoon blocked, %		-	-			
Mov Cap-1 Maneuver	1414	-	-	-	557	886
Mov Cap-2 Maneuver	-	-	-	-	557	-
Stage 1	-	-	-	-	831	-
Stage 2	-	-	-	-	773	-

Approach	EB	WB	SB
HCM Control Delay, s	2.1	0	12.5
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1414	-	-	557	886
HCM Lane V/C Ratio	0.041	-	-	0.263	0.061
HCM Control Delay (s)	7.7	-	-	13.7	9.3
HCM Lane LOS	A	-	-	B	A
HCM 95th %tile Q(veh)	0.1	-	-	1	0.2

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	0	0	317	138	0
Future Vol, veh/h	0	0	0	317	138	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	500	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	0	360	157	0

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	517	157	157	0	-	0
Stage 1	157	-	-	-	-	-
Stage 2	360	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	518	889	1423	-	-	-
Stage 1	871	-	-	-	-	-
Stage 2	706	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	518	889	1423	-	-	-
Mov Cap-2 Maneuver	642	-	-	-	-	-
Stage 1	871	-	-	-	-	-
Stage 2	706	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	0	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1423	-	-	-	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	0	-	-
HCM Lane LOS	A	-	A	-	-
HCM 95th %tile Q(veh)	0	-	-	-	-

Intersection	
Int Delay, s/veh	0

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	28	0	0	53	0	0
Future Vol, veh/h	28	0	0	53	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	30	0	0	58	0	0

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	30	0	88	30
Stage 1	-	-	-	-	30	-
Stage 2	-	-	-	-	58	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1583	-	913	1044
Stage 1	-	-	-	-	993	-
Stage 2	-	-	-	-	965	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1583	-	913	1044
Mov Cap-2 Maneuver	-	-	-	-	913	-
Stage 1	-	-	-	-	993	-
Stage 2	-	-	-	-	965	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	0
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	-	-	-	1583	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	-	-	-	0	-

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		⇕			⇕			⇕			⇕	
Traffic Vol, veh/h	0	176	0	0	66	0	0	0	0	0	0	0
Future Vol, veh/h	0	176	0	0	66	0	0	0	0	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	71	71	71	71	71	71	71	71	71	71	71	71
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	248	0	0	93	0	0	0	0	0	0	0

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	93	0	0	248	0	0	341	341	248	341	341	93
Stage 1	-	-	-	-	-	-	248	248	-	93	93	-
Stage 2	-	-	-	-	-	-	93	93	-	248	248	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.12	6.52	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	1501	-	-	1318	-	-	613	581	791	613	581	964
Stage 1	-	-	-	-	-	-	756	701	-	914	818	-
Stage 2	-	-	-	-	-	-	914	818	-	756	701	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1501	-	-	1318	-	-	613	581	791	613	581	964
Mov Cap-2 Maneuver	-	-	-	-	-	-	613	581	-	613	581	-
Stage 1	-	-	-	-	-	-	756	701	-	914	818	-
Stage 2	-	-	-	-	-	-	914	818	-	756	701	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0	0	0
HCM LOS			A	A

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	-	1501	-	-	1318	-	-	-
HCM Lane V/C Ratio	-	-	-	-	-	-	-	-
HCM Control Delay (s)	0	0	-	-	0	-	-	0
HCM Lane LOS	A	A	-	-	A	-	-	A
HCM 95th %tile Q(veh)	-	0	-	-	0	-	-	-

Intersection	
Int Delay, s/veh	1.2

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	146	173	10	124	39	6
Future Vol, veh/h	146	173	10	124	39	6
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	175	100	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	75	75	75	75	75	75
Heavy Vehicles, %	4	8	2	8	5	2
Mvmt Flow	195	231	13	165	52	8

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	426	0	386	195
Stage 1	-	-	-	-	195	-
Stage 2	-	-	-	-	191	-
Critical Hdwy	-	-	4.12	-	6.45	6.22
Critical Hdwy Stg 1	-	-	-	-	5.45	-
Critical Hdwy Stg 2	-	-	-	-	5.45	-
Follow-up Hdwy	-	-	2.218	-	3.545	3.318
Pot Cap-1 Maneuver	-	-	1133	-	611	846
Stage 1	-	-	-	-	831	-
Stage 2	-	-	-	-	834	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1133	-	604	846
Mov Cap-2 Maneuver	-	-	-	-	604	-
Stage 1	-	-	-	-	831	-
Stage 2	-	-	-	-	825	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.6	11.3
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	628	-	-	1133	-
HCM Lane V/C Ratio	0.096	-	-	0.012	-
HCM Control Delay (s)	11.3	-	-	8.2	-
HCM Lane LOS	B	-	-	A	-
HCM 95th %tile Q(veh)	0.3	-	-	0	-

Intersection	
Intersection Delay, s/veh	8.2
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	48	89	68	42	22	59
Future Vol, veh/h	48	89	68	42	22	59
Peak Hour Factor	0.85	0.85	0.85	0.85	0.85	0.85
Heavy Vehicles, %	3	3	7	2	2	3
Mvmt Flow	56	105	80	49	26	69
Number of Lanes	0	1	1	0	1	1

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	2	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	2	1
HCM Control Delay	8.5	8	7.9
HCM LOS	A	A	A

Lane	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	35%	0%	100%	0%
Vol Thru, %	65%	62%	0%	0%
Vol Right, %	0%	38%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	137	110	22	59
LT Vol	48	0	22	0
Through Vol	89	68	0	0
RT Vol	0	42	0	59
Lane Flow Rate	161	129	26	69
Geometry Grp	2	2	7	7
Degree of Util (X)	0.196	0.151	0.041	0.087
Departure Headway (Hd)	4.387	4.195	5.683	4.494
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	820	858	632	800
Service Time	2.398	2.206	3.398	2.208
HCM Lane V/C Ratio	0.196	0.15	0.041	0.086
HCM Control Delay	8.5	8	8.6	7.6
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.7	0.5	0.1	0.3

Intersection	
Intersection Delay, s/veh	8.1
Intersection LOS	A

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	32	44	86	38	43	46
Future Vol, veh/h	32	44	86	38	43	46
Peak Hour Factor	0.78	0.78	0.78	0.78	0.78	0.78
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	41	56	110	49	55	59
Number of Lanes	1	0	0	1	1	1

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	7.9	8.6	7.6
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	SBLn1	SBLn2
Vol Left, %	69%	42%	0%	0%
Vol Thru, %	31%	0%	100%	0%
Vol Right, %	0%	58%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	124	76	43	46
LT Vol	86	32	0	0
Through Vol	38	0	43	0
RT Vol	0	44	0	46
Lane Flow Rate	159	97	55	59
Geometry Grp	5	2	7	7
Degree of Util (X)	0.196	0.116	0.073	0.067
Departure Headway (Hd)	4.431	4.292	4.791	4.089
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	798	840	738	862
Service Time	2.522	2.292	2.586	1.883
HCM Lane V/C Ratio	0.199	0.115	0.075	0.068
HCM Control Delay	8.6	7.9	8	7.2
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.7	0.4	0.2	0.2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	28	80	278	120	212	123
Future Volume (veh/h)	28	80	278	120	212	123
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1826	1796	1767	1826	1767	1767
Adj Flow Rate, veh/h	30	87	302	130	230	134
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	7	9	5	9	9
Cap, veh/h	170	423	469	411	303	1048
Arrive On Green	0.10	0.10	0.27	0.27	0.18	0.59
Sat Flow, veh/h	1739	1522	1767	1547	1682	1767
Grp Volume(v), veh/h	30	87	302	130	230	134
Grp Sat Flow(s),veh/h/ln	1739	1522	1767	1547	1682	1767
Q Serve(g_s), s	0.5	1.5	5.2	2.3	4.5	1.2
Cycle Q Clear(g_c), s	0.5	1.5	5.2	2.3	4.5	1.2
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	170	423	469	411	303	1048
V/C Ratio(X)	0.18	0.21	0.64	0.32	0.76	0.13
Avail Cap(c_a), veh/h	709	895	1542	1351	968	2512
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	14.3	9.6	11.3	10.2	13.5	3.1
Incr Delay (d2), s/veh	0.5	0.2	1.5	0.4	3.9	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.2	0.4	1.5	0.5	1.5	0.1
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	14.8	9.8	12.7	10.6	17.4	3.2
LnGrp LOS	B	A	B	B	B	A
Approach Vol, veh/h	117		432			364
Approach Delay, s/veh	11.1		12.1			12.1
Approach LOS	B		B			B

Timer - Assigned Phs	1	2			6	8
Phs Duration (G+Y+Rc), s	11.3	15.0			26.3	8.3
Change Period (Y+Rc), s	5.1	5.8			5.8	4.9
Max Green Setting (Gmax), s	19.9	30.2			49.2	14.1
Max Q Clear Time (g_c+I1), s	6.5	7.2			3.2	3.5
Green Ext Time (p_c), s	0.5	2.0			0.7	0.2

Intersection Summary	
HCM 6th Ctrl Delay	12.0
HCM 6th LOS	B

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	30	87	302	130	230	134
v/c Ratio	0.09	0.13	0.46	0.20	0.42	0.10
Control Delay	21.8	2.9	15.7	4.5	17.3	2.3
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	21.8	2.9	15.7	4.5	17.3	2.3
Queue Length 50th (ft)	4	0	37	0	30	0
Queue Length 95th (ft)	32	19	161	31	133	26
Internal Link Dist (ft)	1029		820			723
Turn Bay Length (ft)	165			410	405	
Base Capacity (vph)	778	1078	1436	1247	1027	1755
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.04	0.08	0.21	0.10	0.22	0.08

Intersection Summary

1: Tinloy St /Tinloy St & Neal St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	0.2	0.0	0.1
Total Del/Veh (s)	2.6	9.0	4.5	4.8

2: SR 49 On-Ramp/Tinloy St & Auburn St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	1.6	0.0	0.6
Total Del/Veh (s)	4.4	6.0	8.7	6.3

3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	0.2	0.1
Total Del/Veh (s)	5.4	7.7	0.5	3.8

8: Main St & Maltman Dr/Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	1.2	2.0	0.9
Total Del/Veh (s)	15.2	4.3	7.3	6.5	5.7

9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.0	0.7	3.0	0.9
Total Del/Veh (s)	4.3	8.9	20.4	37.5	16.5

10: Brunswick Rd & SR 49/20 EB On Ramp Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.6	3.9	20.2	8.7

11: Sutton Way & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.4	1.4	0.0	0.2
Total Del/Veh (s)	5.8	8.8	11.0	1.2	5.2

22: SR 49 EB Ramps & Dorsey Dr Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.2	1.6	0.9
Total Del/Veh (s)	11.6	11.0	7.4	9.3

23: Dorsey Dr & Sr 49 WB Ramps Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	1.8	0.0	0.1	0.5
Total Del/Veh (s)	6.7	5.7	7.6	6.2

Total Zone Performance

Denied Del/Veh (s)	1.1
Total Del/Veh (s)	70.1

Intersection: 1: Tinloy St /Tinloy St & Neal St

Movement	EB	WB	SB	SB
Directions Served	TR	LT	LT	TR
Maximum Queue (ft)	86	114	67	57
Average Queue (ft)	29	44	25	16
95th Queue (ft)	67	86	59	43
Link Distance (ft)	93	1538	960	960
Upstream Blk Time (%)	0			
Queuing Penalty (veh)	0			
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 2: SR 49 On-Ramp/Tinloy St & Auburn St

Movement	EB	WB	WB	SB	SB
Directions Served	TR	LT	T	LT	TR
Maximum Queue (ft)	97	67	107	100	87
Average Queue (ft)	43	25	35	45	29
95th Queue (ft)	78	55	78	84	64
Link Distance (ft)	135		897	99	99
Upstream Blk Time (%)				0	0
Queuing Penalty (veh)				0	0
Storage Bay Dist (ft)		100			
Storage Blk Time (%)			0		
Queuing Penalty (veh)			0		

Intersection: 3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp

Movement	WB	WB	NB	NB	SB
Directions Served	LT	TR	L	T	TR
Maximum Queue (ft)	66	56	31	56	4
Average Queue (ft)	35	26	7	30	0
95th Queue (ft)	57	50	27	46	3
Link Distance (ft)	1196	1196		262	402
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)			100		
Storage Blk Time (%)					
Queuing Penalty (veh)					

Intersection: 8: Main St & Maltman Dr/Brunswick Rd

Movement	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	LTR	L	LT	R	L	T	R	L	L	TR
Maximum Queue (ft)	32	48	52	64	16	65	53	49	79	58
Average Queue (ft)	5	17	16	23	2	23	16	6	35	14
95th Queue (ft)	24	40	39	49	12	54	44	28	65	39
Link Distance (ft)	777	160	160	160		1486				1622
Upstream Blk Time (%)										
Queuing Penalty (veh)										
Storage Bay Dist (ft)					115		115	360	360	
Storage Blk Time (%)										
Queuing Penalty (veh)										

Intersection: 9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd

Movement	EB	EB	WB	WB	WB	NB	NB	SB	SB	SB	SB
Directions Served	T	TR	L	T	T	LT	R	L	L	T	R
Maximum Queue (ft)	43	83	71	66	96	30	30	120	136	54	54
Average Queue (ft)	8	21	27	11	23	5	8	31	73	13	21
95th Queue (ft)	28	59	62	43	68	22	30	83	126	40	47
Link Distance (ft)	160	160		103	103		1666			1351	
Upstream Blk Time (%)			0	0	0						
Queuing Penalty (veh)			0	0	0						
Storage Bay Dist (ft)			140			100		240	240		240
Storage Blk Time (%)			0	0							
Queuing Penalty (veh)			0	0							

Intersection: 10: Brunswick Rd & SR 49/20 EB On Ramp

Movement	EB	EB	WB	WB	NB	NB	B52
Directions Served	T	TR	T	T	<	R	T
Maximum Queue (ft)	46	41	43	43	182	140	22
Average Queue (ft)	6	5	4	4	86	63	1
95th Queue (ft)	29	22	23	24	153	113	16
Link Distance (ft)	456	456	334	334	145	145	915
Upstream Blk Time (%)					2	0	
Queuing Penalty (veh)					0	0	
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 11: Sutton Way & Brunswick Rd

Movement	EB	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB
Directions Served	L	L	T	T	R	UL	T	TR	L	L	TR	L
Maximum Queue (ft)	36	61	93	108	56	52	89	126	26	62	30	44
Average Queue (ft)	13	29	24	46	19	19	31	48	3	27	11	17
95th Queue (ft)	37	55	69	86	48	44	70	98	17	53	29	42
Link Distance (ft)			334	334			1884	1884		1476		229
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	240	240			240	120			280		280	
Storage Blk Time (%)							0					
Queuing Penalty (veh)							0					

Intersection: 11: Sutton Way & Brunswick Rd

Movement	SB
Directions Served	T
Maximum Queue (ft)	34
Average Queue (ft)	6
95th Queue (ft)	26
Link Distance (ft)	229
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 22: SR 49 EB Ramps & Dorsey Dr

Movement	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	T	T	TR	L	LT	R
Maximum Queue (ft)	74	106	50	64	71	66	140	51
Average Queue (ft)	28	38	14	24	28	22	62	20
95th Queue (ft)	60	79	39	49	56	55	112	41
Link Distance (ft)	211	211		1564	1564		800	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)			140			220		220
Storage Blk Time (%)								
Queuing Penalty (veh)								

Intersection: 23: Dorsey Dr & Sr 49 WB Ramps

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	R	L	T	T	LT	R
Maximum Queue (ft)	109	42	109	89	99	64	61
Average Queue (ft)	33	16	42	32	23	24	27
95th Queue (ft)	75	36	81	71	70	53	50
Link Distance (ft)	548		211	211	211	1120	1120
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)		155					
Storage Blk Time (%)	0						
Queuing Penalty (veh)	0						

Zone Summary

Zone wide Queuing Penalty: 1

MOVEMENT SUMMARY

Site: 5 [Main St / Idaho Maryland Rd]

EPAP 0630-0730 AM
Site Category: (None)
Roundabout

Movement Performance - Vehicles												
Mov ID	Turn	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: SR 49 Ramps												
3	L2	16	3.0	0.088	4.6	LOS A	0.4	9.2	0.45	0.33	0.45	34.9
8	T1	22	3.0	0.088	4.6	LOS A	0.4	9.2	0.45	0.33	0.45	34.8
18	R2	45	3.0	0.088	4.6	LOS A	0.4	9.2	0.45	0.33	0.45	33.8
Approach		83	3.0	0.088	4.6	LOS A	0.4	9.2	0.45	0.33	0.45	34.3
East: Idaho Maryland Rd												
1	L2	121	3.0	0.104	4.0	LOS A	0.4	10.7	0.31	0.19	0.31	33.0
6	T1	56	3.0	0.150	4.4	LOS A	0.6	16.1	0.33	0.20	0.33	35.4
16	R2	118	3.0	0.150	4.4	LOS A	0.6	16.1	0.33	0.20	0.33	34.3
Approach		295	3.0	0.150	4.2	LOS A	0.6	16.1	0.32	0.20	0.32	33.9
North: Main St												
7	L2	70	3.0	0.191	4.8	LOS A	0.8	20.0	0.32	0.21	0.32	34.5
4	T1	153	3.0	0.191	4.8	LOS A	0.8	20.0	0.32	0.21	0.32	34.4
14	R2	77	3.0	0.047	0.0	LOS A	0.0	0.0	0.00	0.00	0.00	37.2
Approach		300	3.0	0.191	3.6	LOS A	0.8	20.0	0.24	0.16	0.24	35.1
West: Main St												
5	L2	148	3.0	0.278	6.3	LOS A	1.2	30.1	0.46	0.38	0.46	33.1
2	T1	112	3.0	0.278	6.3	LOS A	1.2	30.1	0.46	0.38	0.46	33.1
12	R2	23	3.0	0.278	6.3	LOS A	1.2	30.1	0.46	0.38	0.46	32.2
Approach		283	3.0	0.278	6.3	LOS A	1.2	30.1	0.46	0.38	0.46	33.0
All Vehicles		961	3.0	0.278	4.7	LOS A	1.2	30.1	0.35	0.25	0.35	34.0

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Signalised Intersections.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

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Intersection	
Intersection Delay, s/veh	15.2
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	47	329	3	0	0	0	0	95	155	164	304	0
Future Vol, veh/h	47	329	3	0	0	0	0	95	155	164	304	0
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	52	366	3	0	0	0	0	106	172	182	338	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	14.1	14.8	16.2
HCM LOS	B	B	C

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	22%	0%	100%	0%
Vol Thru, %	38%	78%	98%	0%	100%
Vol Right, %	62%	0%	2%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	250	212	168	164	304
LT Vol	0	47	0	164	0
Through Vol	95	165	165	0	304
RT Vol	155	0	3	0	0
Lane Flow Rate	278	235	186	182	338
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.477	0.445	0.346	0.344	0.591
Departure Headway (Hd)	6.181	6.817	6.692	6.804	6.295
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	581	526	536	528	571
Service Time	4.232	4.572	4.446	4.555	4.047
HCM Lane V/C Ratio	0.478	0.447	0.347	0.345	0.592
HCM Control Delay	14.8	15	13	13.1	17.8
HCM Lane LOS	B	B	B	B	C
HCM 95th-tile Q	2.6	2.3	1.5	1.5	3.8

Intersection	
Intersection Delay, s/veh	24.4
Intersection LOS	C

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	288	61	57	626	203	224
Future Vol, veh/h	288	61	57	626	203	224
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94
Heavy Vehicles, %	4	6	2	12	6	28
Mvmt Flow	306	65	61	666	216	238
Number of Lanes	1	0	0	2	1	1

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	2	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	2	0	2
HCM Control Delay	23.5	29.6	16.9
HCM LOS	C	D	C

Lane	NBLn1	NBLn2	EBLn1	WBLn1	WBLn2
Vol Left, %	100%	0%	0%	21%	0%
Vol Thru, %	0%	0%	83%	79%	100%
Vol Right, %	0%	100%	17%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	203	224	349	266	417
LT Vol	203	0	0	57	0
Through Vol	0	0	288	209	417
RT Vol	0	224	61	0	0
Lane Flow Rate	216	238	371	283	444
Geometry Grp	7	7	4	7	7
Degree of Util (X)	0.477	0.471	0.691	0.535	0.849
Departure Headway (Hd)	7.954	7.109	6.696	6.819	6.883
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	451	505	538	526	524
Service Time	5.725	4.879	4.765	4.597	4.661
HCM Lane V/C Ratio	0.479	0.471	0.69	0.538	0.847
HCM Control Delay	17.8	16.1	23.5	17.3	37.4
HCM Lane LOS	C	C	C	C	E
HCM 95th-tile Q	2.5	2.5	5.3	3.1	8.8

Intersection	
Intersection Delay, s/veh	17.8
Intersection LOS	C

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	390	88	31	530	107	49
Future Vol, veh/h	390	88	31	530	107	49
Peak Hour Factor	0.78	0.78	0.78	0.78	0.78	0.78
Heavy Vehicles, %	39	4	2	7	5	2
Mvmt Flow	480	108	38	652	132	60
Number of Lanes	2	0	0	2	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	2	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	2
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	1	0	2
HCM Control Delay	16.5	20.2	13.2
HCM LOS	C	C	B

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2
Vol Left, %	69%	0%	0%	15%	0%
Vol Thru, %	0%	100%	60%	85%	100%
Vol Right, %	31%	0%	40%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	156	260	218	208	353
LT Vol	107	0	0	31	0
Through Vol	0	260	130	177	353
RT Vol	49	0	88	0	0
Lane Flow Rate	192	320	268	256	435
Geometry Grp	2	7	7	7	7
Degree of Util (X)	0.352	0.602	0.438	0.433	0.738
Departure Headway (Hd)	6.598	6.77	5.879	6.103	6.113
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	545	531	612	590	591
Service Time	4.642	4.519	3.628	3.849	3.86
HCM Lane V/C Ratio	0.352	0.603	0.438	0.434	0.736
HCM Control Delay	13.2	19.3	13.2	13.5	24.2
HCM Lane LOS	B	C	B	B	C
HCM 95th-tile Q	1.6	3.9	2.2	2.2	6.3

Intersection	
Int Delay, s/veh	7.8

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	200	27	0	49	190	458	50	86	424	13
Future Vol, veh/h	0	0	200	27	0	49	190	458	50	86	424	13
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	0	550	-	-	120	-	150
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	94	94	94	94	94	94	94	94	94	94	94	94
Heavy Vehicles, %	2	2	5	2	2	2	4	5	2	2	12	2
Mvmt Flow	0	0	213	29	0	52	202	487	53	91	451	14

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	-	1577	451	1665	1565	514	465	0	0	540	0	0
Stage 1	-	633	-	918	918	-	-	-	-	-	-	-
Stage 2	-	944	-	747	647	-	-	-	-	-	-	-
Critical Hdwy	-	6.52	6.25	7.12	6.52	6.22	4.14	-	-	4.12	-	-
Critical Hdwy Stg 1	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	-	4.018	3.345	3.518	4.018	3.318	2.236	-	-	2.218	-	-
Pot Cap-1 Maneuver	0	110	602	77	111	560	1086	-	-	1028	-	-
Stage 1	0	473	-	326	350	-	-	-	-	-	-	-
Stage 2	0	341	-	405	467	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	-	82	602	40	82	560	1086	-	-	1028	-	-
Mov Cap-2 Maneuver	-	82	-	40	82	-	-	-	-	-	-	-
Stage 1	-	431	-	265	285	-	-	-	-	-	-	-
Stage 2	-	278	-	239	425	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	14.2	83.7	2.5	1.5
HCM LOS	B	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	1086	-	-	602	40	560	1028	-	-
HCM Lane V/C Ratio	0.186	-	-	0.353	0.718	0.093	0.089	-	-
HCM Control Delay (s)	9.1	-	-	14.2	213.5	12.1	8.8	-	-
HCM Lane LOS	A	-	-	B	F	B	A	-	-
HCM 95th %tile Q(veh)	0.7	-	-	1.6	2.7	0.3	0.3	-	-

Intersection	
Int Delay, s/veh	1.6

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	64	71	41	637	608	34
Future Vol, veh/h	64	71	41	637	608	34
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	97	97	97	97	97	97
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	66	73	42	657	627	35

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1386	331	662	0	-	0
Stage 1	645	-	-	-	-	-
Stage 2	741	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	145	663	913	-	-	-
Stage 1	485	-	-	-	-	-
Stage 2	470	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	138	663	913	-	-	-
Mov Cap-2 Maneuver	339	-	-	-	-	-
Stage 1	463	-	-	-	-	-
Stage 2	470	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	14.5	0.6	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	913	-	339	663	-	-
HCM Lane V/C Ratio	0.046	-	0.195	0.11	-	-
HCM Control Delay (s)	9.1	-	18.2	11.1	-	-
HCM Lane LOS	A	-	C	B	-	-
HCM 95th %tile Q(veh)	0.1	-	0.7	0.4	-	-

Intersection	
Intersection Delay, s/veh	19.6
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	23	33	10	17	25	85	7	331	24	127	430	26
Future Vol, veh/h	23	33	10	17	25	85	7	331	24	127	430	26
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Heavy Vehicles, %	2	2	2	2	2	4	2	9	2	4	9	3
Mvmt Flow	24	35	11	18	27	90	7	352	26	135	457	28
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	10.9	11.2	18.9	22.9
HCM LOS	B	B	C	C

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	35%	13%	100%	0%
Vol Thru, %	0%	93%	50%	20%	0%	94%
Vol Right, %	0%	7%	15%	67%	0%	6%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	7	355	66	127	127	456
LT Vol	7	0	23	17	127	0
Through Vol	0	331	33	25	0	430
RT Vol	0	24	10	85	0	26
Lane Flow Rate	7	378	70	135	135	485
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.013	0.639	0.133	0.234	0.235	0.782
Departure Headway (Hd)	6.523	6.089	6.798	6.243	6.261	5.801
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	547	593	524	571	573	621
Service Time	4.278	3.843	4.881	4.315	4.008	3.547
HCM Lane V/C Ratio	0.013	0.637	0.134	0.236	0.236	0.781
HCM Control Delay	9.4	19.1	10.9	11.2	10.9	26.3
HCM Lane LOS	A	C	B	B	B	D
HCM 95th-tile Q	0	4.5	0.5	0.9	0.9	7.5

Intersection	
Int Delay, s/veh	18.1

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	80	205	186	276	331	105
Future Vol, veh/h	80	205	186	276	331	105
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	91	91	91	91	91	91
Heavy Vehicles, %	2	2	2	3	2	2
Mvmt Flow	88	225	204	303	364	115

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	204	0	-	0	605	204
Stage 1	-	-	-	-	204	-
Stage 2	-	-	-	-	401	-
Critical Hdwy	4.12	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1368	-	-	0	461	837
Stage 1	-	-	-	0	830	-
Stage 2	-	-	-	0	676	-
Platoon blocked, %			-	-		
Mov Cap-1 Maneuver	1368	-	-	-	431	837
Mov Cap-2 Maneuver	-	-	-	-	431	-
Stage 1	-	-	-	-	777	-
Stage 2	-	-	-	-	676	-

Approach	EB	WB	SB
HCM Control Delay, s	2.2	0	36.3
HCM LOS			E

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1368	-	-	431	837
HCM Lane V/C Ratio	0.064	-	-	0.844	0.138
HCM Control Delay (s)	7.8	-	-	44.6	10
HCM Lane LOS	A	-	-	E	B
HCM 95th %tile Q(veh)	0.2	-	-	8.2	0.5

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	0	0	362	457	0
Future Vol, veh/h	0	0	0	362	457	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	500	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	0	381	481	0

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	862	481	481	0	-	0
Stage 1	481	-	-	-	-	-
Stage 2	381	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	325	585	1082	-	-	-
Stage 1	622	-	-	-	-	-
Stage 2	691	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	325	585	1082	-	-	-
Mov Cap-2 Maneuver	515	-	-	-	-	-
Stage 1	622	-	-	-	-	-
Stage 2	691	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	0	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1082	-	-	-	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	0	-	-
HCM Lane LOS	A	-	A	-	-
HCM 95th %tile Q(veh)	0	-	-	-	-

Intersection	
Int Delay, s/veh	0

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	66	0	0	58	0	0
Future Vol, veh/h	66	0	0	58	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	72	0	0	63	0	0

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	72	0	135	72
Stage 1	-	-	-	-	72	-
Stage 2	-	-	-	-	63	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1528	-	859	990
Stage 1	-	-	-	-	951	-
Stage 2	-	-	-	-	960	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1528	-	859	990
Mov Cap-2 Maneuver	-	-	-	-	859	-
Stage 1	-	-	-	-	951	-
Stage 2	-	-	-	-	960	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	0
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	-	-	-	1528	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	-	-	-	0	-

Intersection	
Int Delay, s/veh	0.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		⇕			⇕			⇕			⇕	
Traffic Vol, veh/h	5	104	0	0	174	0	0	0	0	0	0	0
Future Vol, veh/h	5	104	0	0	174	0	0	0	0	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	76	76	76	76	76	76	76	76	76	76	76	76
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	20	137	0	0	229	0	0	0	0	0	0	0

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	229	0	0	137	0	0	406	406	137	406	406	229
Stage 1	-	-	-	-	-	-	177	177	-	229	229	-
Stage 2	-	-	-	-	-	-	229	229	-	177	177	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.12	6.52	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	1339	-	-	1447	-	-	555	534	911	555	534	810
Stage 1	-	-	-	-	-	-	825	753	-	774	715	-
Stage 2	-	-	-	-	-	-	774	715	-	825	753	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1339	-	-	1447	-	-	548	525	911	548	525	810
Mov Cap-2 Maneuver	-	-	-	-	-	-	548	525	-	548	525	-
Stage 1	-	-	-	-	-	-	812	741	-	762	715	-
Stage 2	-	-	-	-	-	-	774	715	-	812	741	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	1	0	0	0
HCM LOS			A	A

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	-	1339	-	-	1447	-	-	-
HCM Lane V/C Ratio	-	0.015	-	-	-	-	-	-
HCM Control Delay (s)	0	7.7	0	-	0	-	-	0
HCM Lane LOS	A	A	A	-	A	-	-	A
HCM 95th %tile Q(veh)	-	0	-	-	0	-	-	-

Intersection	
Int Delay, s/veh	26

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	299	120	12	385	245	37
Future Vol, veh/h	299	120	12	385	245	37
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	175	100	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	80	80	80	80	80	80
Heavy Vehicles, %	12	10	2	7	2	9
Mvmt Flow	374	150	15	481	306	46

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	524	0	885	374
Stage 1	-	-	-	-	374	-
Stage 2	-	-	-	-	511	-
Critical Hdwy	-	-	4.12	-	6.42	6.29
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.381
Pot Cap-1 Maneuver	-	-	1043	-	315	657
Stage 1	-	-	-	-	696	-
Stage 2	-	-	-	-	602	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1043	-	311	657
Mov Cap-2 Maneuver	-	-	-	-	311	-
Stage 1	-	-	-	-	696	-
Stage 2	-	-	-	-	594	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.3	100.9
HCM LOS			F

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	334	-	-	1043	-
HCM Lane V/C Ratio	1.055	-	-	0.014	-
HCM Control Delay (s)	100.9	-	-	8.5	-
HCM Lane LOS	F	-	-	A	-
HCM 95th %tile Q(veh)	12.7	-	-	0	-

Intersection	
Intersection Delay, s/veh	14
Intersection LOS	B

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	212	115	199	67	107	208
Future Vol, veh/h	212	115	199	67	107	208
Peak Hour Factor	0.85	0.85	0.85	0.85	0.85	0.85
Heavy Vehicles, %	2	8	3	2	2	4
Mvmt Flow	249	135	234	79	126	245
Number of Lanes	0	1	1	0	1	1

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	2	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	2	1
HCM Control Delay	16.6	13.3	12
HCM LOS	C	B	B

Lane	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	65%	0%	100%	0%
Vol Thru, %	35%	75%	0%	0%
Vol Right, %	0%	25%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	327	266	107	208
LT Vol	212	0	107	0
Through Vol	115	199	0	0
RT Vol	0	67	0	208
Lane Flow Rate	385	313	126	245
Geometry Grp	2	2	7	7
Degree of Util (X)	0.596	0.473	0.241	0.389
Departure Headway (Hd)	5.579	5.441	6.903	5.718
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	646	660	520	629
Service Time	3.619	3.484	4.648	3.463
HCM Lane V/C Ratio	0.596	0.474	0.242	0.39
HCM Control Delay	16.6	13.3	11.8	12.1
HCM Lane LOS	C	B	B	B
HCM 95th-tile Q	3.9	2.5	0.9	1.8

Intersection	
Intersection Delay, s/veh	15.6
Intersection LOS	C

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	144	186	125	172	179	179
Future Vol, veh/h	144	186	125	172	179	179
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	173	224	151	207	216	216
Number of Lanes	1	0	0	1	1	1

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	17.9	17.4	12.1
HCM LOS	C	C	B

Lane	NBLn1	EBLn1	SBLn1	SBLn2
Vol Left, %	42%	44%	0%	0%
Vol Thru, %	58%	0%	100%	0%
Vol Right, %	0%	56%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	297	330	179	179
LT Vol	125	144	0	0
Through Vol	172	0	179	0
RT Vol	0	186	0	179
Lane Flow Rate	358	398	216	216
Geometry Grp	5	2	7	7
Degree of Util (X)	0.592	0.627	0.377	0.335
Departure Headway (Hd)	5.951	5.673	6.301	5.588
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	605	632	569	641
Service Time	4.012	3.731	4.067	3.354
HCM Lane V/C Ratio	0.592	0.63	0.38	0.337
HCM Control Delay	17.4	17.9	12.9	11.2
HCM Lane LOS	C	C	B	B
HCM 95th-tile Q	3.9	4.4	1.7	1.5

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	177	315	381	75	166	422
Future Volume (veh/h)	177	315	381	75	166	422
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1826	1781	1767	1826	1767	1767
Adj Flow Rate, veh/h	192	342	414	82	180	459
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	8	9	5	9	9
Cap, veh/h	412	566	535	468	233	963
Arrive On Green	0.24	0.24	0.30	0.30	0.14	0.55
Sat Flow, veh/h	1739	1510	1767	1547	1682	1767
Grp Volume(v), veh/h	192	342	414	82	180	459
Grp Sat Flow(s),veh/h/ln	1739	1510	1767	1547	1682	1767
Q Serve(g_s), s	4.6	9.0	10.5	1.9	5.1	7.8
Cycle Q Clear(g_c), s	4.6	9.0	10.5	1.9	5.1	7.8
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	412	566	535	468	233	963
V/C Ratio(X)	0.47	0.60	0.77	0.18	0.77	0.48
Avail Cap(c_a), veh/h	500	643	1088	953	683	1773
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	16.1	12.4	15.6	12.6	20.4	6.9
Incr Delay (d2), s/veh	0.8	1.3	2.4	0.2	5.4	0.4
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.7	2.7	3.6	0.5	2.0	1.7
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	16.9	13.7	18.0	12.8	25.8	7.2
LnGrp LOS	B	B	B	B	C	A
Approach Vol, veh/h	534		496			639
Approach Delay, s/veh	14.8		17.1			12.5
Approach LOS	B		B			B

Timer - Assigned Phs	1	2				6	8
Phs Duration (G+Y+Rc), s	11.9	20.6				32.5	16.5
Change Period (Y+Rc), s	5.1	5.8				5.8	4.9
Max Green Setting (Gmax), s	19.3	30.2				49.2	14.1
Max Q Clear Time (g_c+I1), s	7.1	12.5				9.8	11.0
Green Ext Time (p_c), s	0.4	2.4				2.8	0.6

Intersection Summary	
HCM 6th Ctrl Delay	14.6
HCM 6th LOS	B

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	192	342	414	82	180	459
v/c Ratio	0.58	0.39	0.71	0.15	0.52	0.41
Control Delay	32.8	4.5	25.8	5.0	29.0	6.9
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	32.8	4.5	25.8	5.0	29.0	6.9
Queue Length 50th (ft)	61	14	125	0	57	72
Queue Length 95th (ft)	#160	67	253	26	135	125
Internal Link Dist (ft)	1010		910			683
Turn Bay Length (ft)	165			410	405	
Base Capacity (vph)	430	1070	971	863	607	1610
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.45	0.32	0.43	0.10	0.30	0.29

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

1: Tinloy St /Tinloy St & Neal St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	0.2	0.0	0.1
Total Del/Veh (s)	8.0	14.9	5.1	8.4

2: SR 49 On-Ramp/Tinloy St & Auburn St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.3	1.0	0.0	0.5
Total Del/Veh (s)	5.6	8.3	12.5	8.7

3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.2	0.0	0.4	0.2
Total Del/Veh (s)	10.0	9.2	1.6	6.4

8: Main St & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	1.6	2.1	1.1
Total Del/Veh (s)	15.9	9.9	17.1	15.5	13.6

9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.0	0.5	2.8	0.7
Total Del/Veh (s)	13.8	14.6	18.3	35.2	19.5

10: Brunswick Rd & SR 49/20 EB On Ramp Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	8.2	9.2	26.4	13.4

11: Sutton Way & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.6	1.5	0.0	0.4
Total Del/Veh (s)	16.0	32.5	27.3	11.2	21.5

22: SR 49 EB Ramps & Dorsey Dr Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.5	2.7	0.9
Total Del/Veh (s)	13.5	14.2	13.4	13.7

23: Dorsey Dr & Sr 49 WB Ramps Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	2.3	0.0	0.2	1.1
Total Del/Veh (s)	17.6	11.5	15.4	14.9

Total Zone Performance

Denied Del/Veh (s)	1.3
Total Del/Veh (s)	674.2

Intersection: 1: Tinloy St /Tinloy St & Neal St

Movement	EB	WB	SB	SB
Directions Served	TR	LT	LT	TR
Maximum Queue (ft)	105	176	97	99
Average Queue (ft)	62	79	44	40
95th Queue (ft)	105	139	78	77
Link Distance (ft)	93	1538	960	960
Upstream Blk Time (%)	3			
Queuing Penalty (veh)	8			
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 2: SR 49 On-Ramp/Tinloy St & Auburn St

Movement	EB	WB	WB	SB	SB
Directions Served	TR	LT	T	LT	TR
Maximum Queue (ft)	127	115	150	115	104
Average Queue (ft)	68	34	65	61	51
95th Queue (ft)	109	76	115	99	89
Link Distance (ft)	135		897	99	99
Upstream Blk Time (%)	0			1	0
Queuing Penalty (veh)	0			2	1
Storage Bay Dist (ft)		100			
Storage Blk Time (%)		0	1		
Queuing Penalty (veh)		0	2		

Intersection: 3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp

Movement	WB	WB	NB	NB	SB
Directions Served	LT	TR	L	T	TR
Maximum Queue (ft)	139	122	39	62	31
Average Queue (ft)	74	56	15	35	3
95th Queue (ft)	119	98	41	54	18
Link Distance (ft)	1196	1196		262	402
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)			100		
Storage Blk Time (%)				0	
Queuing Penalty (veh)				0	

Intersection: 8: Main St & Brunswick Rd

Movement	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	LTR	L	LT	R	L	T	R	L	L	TR
Maximum Queue (ft)	41	108	102	168	22	222	140	186	207	145
Average Queue (ft)	14	48	51	83	1	99	62	63	107	61
95th Queue (ft)	38	89	92	155	11	178	122	144	175	113
Link Distance (ft)	777	160	160	160		1486				1622
Upstream Blk Time (%)		0		1						
Queuing Penalty (veh)		0		1						
Storage Bay Dist (ft)					115		115	360	360	
Storage Blk Time (%)						4	1			
Queuing Penalty (veh)						7	1			

Intersection: 9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd

Movement	EB	EB	WB	WB	WB	NB	NB	SB	SB	SB	SB
Directions Served	T	TR	L	T	T	LT	R	L	L	T	R
Maximum Queue (ft)	165	190	102	186	185	76	138	207	217	102	102
Average Queue (ft)	90	129	67	69	97	27	73	102	135	24	48
95th Queue (ft)	171	201	106	155	175	63	123	187	197	71	84
Link Distance (ft)	160	160		103	103		1666			1351	
Upstream Blk Time (%)	1	4	2	4	6						
Queuing Penalty (veh)	2	15	0	15	23						
Storage Bay Dist (ft)			140			100		240	240		240
Storage Blk Time (%)			2	4		0	3	0	0		
Queuing Penalty (veh)			7	5		0	1	0	0		

Intersection: 10: Brunswick Rd & SR 49/20 EB On Ramp

Movement	EB	EB	WB	WB	WB	NB	NB	B52
Directions Served	T	TR	T	T	R	<	R	T
Maximum Queue (ft)	148	160	226	275	126	216	228	311
Average Queue (ft)	55	56	62	81	7	150	157	75
95th Queue (ft)	121	124	158	197	82	224	243	252
Link Distance (ft)	456	456	334	334	334	145	145	915
Upstream Blk Time (%)			0	0	0	14	18	
Queuing Penalty (veh)			0	0	0	0	0	
Storage Bay Dist (ft)								
Storage Blk Time (%)								
Queuing Penalty (veh)								

Intersection: 11: Sutton Way & Brunswick Rd

Movement	EB	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB
Directions Served	L	L	T	T	R	UL	T	TR	L	L	TR	L
Maximum Queue (ft)	134	156	210	224	203	162	292	351	227	298	223	140
Average Queue (ft)	64	80	101	103	91	80	124	191	88	163	81	54
95th Queue (ft)	117	133	166	172	157	142	224	301	190	253	164	104
Link Distance (ft)			334	334			1884	1884		1476		229
Upstream Blk Time (%)				0								
Queuing Penalty (veh)				0								
Storage Bay Dist (ft)	240	240			240	120			280		280	
Storage Blk Time (%)			0	0	0	2	6		0	1		
Queuing Penalty (veh)			0	0	0	5	8		0	3		

Intersection: 11: Sutton Way & Brunswick Rd

Movement	SB
Directions Served	T
Maximum Queue (ft)	110
Average Queue (ft)	49
95th Queue (ft)	93
Link Distance (ft)	229
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 22: SR 49 EB Ramps & Dorsey Dr

Movement	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	T	T	TR	L	LT	R
Maximum Queue (ft)	190	209	129	112	161	100	129	118
Average Queue (ft)	86	98	58	50	72	43	57	54
95th Queue (ft)	155	187	110	97	134	82	104	98
Link Distance (ft)	211	211		1564	1564		800	
Upstream Blk Time (%)	0	0						
Queuing Penalty (veh)	0	1						
Storage Bay Dist (ft)			140			220		220
Storage Blk Time (%)			0	0				
Queuing Penalty (veh)			0	0				

Intersection: 23: Dorsey Dr & Sr 49 WB Ramps

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	R	L	T	T	LT	R
Maximum Queue (ft)	440	180	216	124	122	181	69
Average Queue (ft)	171	103	109	40	37	92	34
95th Queue (ft)	336	199	184	95	92	154	58
Link Distance (ft)	548		211	211	211	1120	1120
Upstream Blk Time (%)	0		1				
Queuing Penalty (veh)	0		1				
Storage Bay Dist (ft)		155					
Storage Blk Time (%)	8	1					
Queuing Penalty (veh)	30	5					

Zone Summary

Zone wide Queuing Penalty: 149

MOVEMENT SUMMARY

Site: 5 [Main St / Idaho Maryland Rd]

EPAP 1530-1630 PM
Site Category: (None)
Roundabout

Movement Performance - Vehicles												
Mov ID	Turn	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: SR 49 Ramps												
3	L2	59	3.0	0.224	6.3	LOS A	1.0	25.7	0.53	0.45	0.53	33.7
8	T1	54	3.0	0.224	6.3	LOS A	1.0	25.7	0.53	0.45	0.53	33.6
18	R2	86	3.0	0.224	6.3	LOS A	1.0	25.7	0.53	0.45	0.53	32.7
Approach		200	3.0	0.224	6.3	LOS A	1.0	25.7	0.53	0.45	0.53	33.2
East: Idaho Maryland Rd												
1	L2	327	3.0	0.316	6.7	LOS A	1.5	38.0	0.48	0.39	0.48	31.8
6	T1	209	3.0	0.402	7.8	LOS A	2.1	52.6	0.52	0.43	0.52	33.7
16	R2	208	3.0	0.402	7.8	LOS A	2.1	52.6	0.52	0.43	0.52	32.6
Approach		745	3.0	0.402	7.3	LOS A	2.1	52.6	0.51	0.41	0.51	32.5
North: Main St												
7	L2	92	3.0	0.393	9.2	LOS A	1.9	48.9	0.62	0.66	0.74	32.4
4	T1	230	3.0	0.393	9.2	LOS A	1.9	48.9	0.62	0.66	0.74	32.4
14	R2	310	3.0	0.191	0.0	LOS A	0.0	0.0	0.00	0.00	0.00	37.2
Approach		632	3.0	0.393	4.7	LOS A	1.9	48.9	0.32	0.34	0.38	34.5
West: Main St												
5	L2	194	3.0	0.431	10.2	LOS B	2.3	58.2	0.65	0.72	0.86	31.2
2	T1	102	3.0	0.431	10.2	LOS B	2.3	58.2	0.65	0.72	0.86	31.2
12	R2	41	3.0	0.431	10.2	LOS B	2.3	58.2	0.65	0.72	0.86	30.4
Approach		336	3.0	0.431	10.2	LOS B	2.3	58.2	0.65	0.72	0.86	31.1
All Vehicles		1914	3.0	0.431	6.8	LOS A	2.3	58.2	0.47	0.45	0.53	33.0

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Signalised Intersections.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

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Intersection	
Intersection Delay, s/veh	10.2
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	28	181	3	0	0	0	0	60	62	115	198	0
Future Vol, veh/h	28	181	3	0	0	0	0	60	62	115	198	0
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	31	201	3	0	0	0	0	67	69	128	220	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	9.9	9.7	10.5
HCM LOS	A	A	B

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	24%	0%	100%	0%
Vol Thru, %	49%	76%	97%	0%	100%
Vol Right, %	51%	0%	3%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	122	119	94	115	198
LT Vol	0	28	0	115	0
Through Vol	60	91	91	0	198
RT Vol	62	0	3	0	0
Lane Flow Rate	136	132	104	128	220
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.199	0.214	0.165	0.207	0.326
Departure Headway (Hd)	5.291	5.854	5.713	5.831	5.328
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	674	610	624	613	671
Service Time	3.362	3.626	3.485	3.593	3.089
HCM Lane V/C Ratio	0.202	0.216	0.167	0.209	0.328
HCM Control Delay	9.7	10.2	9.6	10.1	10.7
HCM Lane LOS	A	B	A	B	B
HCM 95th-tile Q	0.7	0.8	0.6	0.8	1.4

Intersection	
Intersection Delay, s/veh	10.2
Intersection LOS	B

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	106	35	21	266	82	101
Future Vol, veh/h	106	35	21	266	82	101
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83
Heavy Vehicles, %	4	6	2	12	6	28
Mvmt Flow	128	42	25	320	99	122
Number of Lanes	1	0	0	2	1	1

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	2	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	2	0	2
HCM Control Delay	10.1	10.4	10
HCM LOS	B	B	A

Lane	NBLn1	NBLn2	EBLn1	WBLn1	WBLn2
Vol Left, %	100%	0%	0%	19%	0%
Vol Thru, %	0%	0%	75%	81%	100%
Vol Right, %	0%	100%	25%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	82	101	141	110	177
LT Vol	82	0	0	21	0
Through Vol	0	0	106	89	177
RT Vol	0	101	35	0	0
Lane Flow Rate	99	122	170	132	214
Geometry Grp	7	7	4	7	7
Degree of Util (X)	0.175	0.187	0.248	0.199	0.327
Departure Headway (Hd)	6.37	5.537	5.246	5.428	5.503
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	560	643	680	658	650
Service Time	4.149	3.316	3.316	3.191	3.266
HCM Lane V/C Ratio	0.177	0.19	0.25	0.201	0.329
HCM Control Delay	10.5	9.6	10.1	9.6	10.9
HCM Lane LOS	B	A	B	A	B
HCM 95th-tile Q	0.6	0.7	1	0.7	1.4

Intersection	
Intersection Delay, s/veh	9.1
Intersection LOS	A

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	195	8	2	243	27	12
Future Vol, veh/h	195	8	2	243	27	12
Peak Hour Factor	0.82	0.82	0.82	0.82	0.82	0.82
Heavy Vehicles, %	39	4	2	7	5	2
Mvmt Flow	228	9	2	284	32	14
Number of Lanes	2	0	0	2	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	2	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	2
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	1	0	2
HCM Control Delay	9.3	9	8.5
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2
Vol Left, %	69%	0%	0%	2%	0%
Vol Thru, %	0%	100%	89%	98%	100%
Vol Right, %	31%	0%	11%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	39	130	73	83	162
LT Vol	27	0	0	2	0
Through Vol	0	130	65	81	162
RT Vol	12	0	8	0	0
Lane Flow Rate	46	152	85	97	190
Geometry Grp	2	7	7	7	7
Degree of Util (X)	0.065	0.233	0.115	0.132	0.261
Departure Headway (Hd)	5.138	5.521	4.847	4.874	4.947
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	698	653	741	738	728
Service Time	3.165	3.239	2.565	2.59	2.663
HCM Lane V/C Ratio	0.066	0.233	0.115	0.131	0.261
HCM Control Delay	8.5	9.9	8.2	8.3	9.4
HCM Lane LOS	A	A	A	A	A
HCM 95th-tile Q	0.2	0.9	0.4	0.5	1

Intersection	
Int Delay, s/veh	4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	108	22	0	36	70	188	26	63	259	1
Future Vol, veh/h	0	0	108	22	0	36	70	188	26	63	259	1
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	0	550	-	-	120	-	150
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	5	2	2	2	4	5	2	2	12	2
Mvmt Flow	0	0	120	24	0	40	78	209	29	70	288	1

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	-	822	288	869	809	224	289	0	0	238	0	0
Stage 1	-	428	-	380	380	-	-	-	-	-	-	-
Stage 2	-	394	-	489	429	-	-	-	-	-	-	-
Critical Hdwy	-	6.52	6.25	7.12	6.52	6.22	4.14	-	-	4.12	-	-
Critical Hdwy Stg 1	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	-	4.018	3.345	3.518	4.018	3.318	2.236	-	-	2.218	-	-
Pot Cap-1 Maneuver	0	309	744	272	314	815	1262	-	-	1329	-	-
Stage 1	0	585	-	642	614	-	-	-	-	-	-	-
Stage 2	0	605	-	561	584	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	-	274	744	209	279	815	1262	-	-	1329	-	-
Mov Cap-2 Maneuver	-	274	-	209	279	-	-	-	-	-	-	-
Stage 1	-	554	-	602	576	-	-	-	-	-	-	-
Stage 2	-	567	-	446	553	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	10.8	15.3	2	1.5
HCM LOS	B	C		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	1262	-	-	744	209	815	1329	-	-
HCM Lane V/C Ratio	0.062	-	-	0.161	0.117	0.049	0.053	-	-
HCM Control Delay (s)	8	-	-	10.8	24.5	9.6	7.9	-	-
HCM Lane LOS	A	-	-	B	C	A	A	-	-
HCM 95th %tile Q(veh)	0.2	-	-	0.6	0.4	0.2	0.2	-	-

Intersection	
Int Delay, s/veh	0.8

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	15	33	8	265	384	13
Future Vol, veh/h	15	33	8	265	384	13
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	86	86	86	86	86	86
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	17	38	9	308	447	15

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	781	231	462	0	-	0
Stage 1	455	-	-	-	-	-
Stage 2	326	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	347	769	1085	-	-	-
Stage 1	607	-	-	-	-	-
Stage 2	731	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	344	769	1085	-	-	-
Mov Cap-2 Maneuver	520	-	-	-	-	-
Stage 1	602	-	-	-	-	-
Stage 2	731	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	10.6	0.2	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	1085	-	520	769	-	-
HCM Lane V/C Ratio	0.009	-	0.034	0.05	-	-
HCM Control Delay (s)	8.3	-	12.2	9.9	-	-
HCM Lane LOS	A	-	B	A	-	-
HCM 95th %tile Q(veh)	0	-	0.1	0.2	-	-

Intersection	
Intersection Delay, s/veh	11
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	12	26	2	11	17	43	3	174	12	89	272	17
Future Vol, veh/h	12	26	2	11	17	43	3	174	12	89	272	17
Peak Hour Factor	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
Heavy Vehicles, %	2	2	2	2	2	4	2	9	2	4	9	3
Mvmt Flow	14	30	2	13	20	49	3	200	14	102	313	20
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	9.1	9	10.7	11.8
HCM LOS	A	A	B	B

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	30%	15%	100%	0%
Vol Thru, %	0%	94%	65%	24%	0%	94%
Vol Right, %	0%	6%	5%	61%	0%	6%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	3	186	40	71	89	289
LT Vol	3	0	12	11	89	0
Through Vol	0	174	26	17	0	272
RT Vol	0	12	2	43	0	17
Lane Flow Rate	3	214	46	82	102	332
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.006	0.319	0.072	0.118	0.159	0.475
Departure Headway (Hd)	5.799	5.369	5.627	5.204	5.607	5.148
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	614	667	632	684	637	698
Service Time	3.559	3.13	3.706	3.274	3.361	2.902
HCM Lane V/C Ratio	0.005	0.321	0.073	0.12	0.16	0.476
HCM Control Delay	8.6	10.7	9.1	9	9.4	12.5
HCM Lane LOS	A	B	A	A	A	B
HCM 95th-tile Q	0	1.4	0.2	0.4	0.6	2.6

Intersection	
Int Delay, s/veh	7.1

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	23	134	79	160	228	43
Future Vol, veh/h	23	134	79	160	228	43
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	89	89	89	89	89	89
Heavy Vehicles, %	2	2	2	3	2	2
Mvmt Flow	26	151	89	180	256	48

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	89	0	-	0	292	89
Stage 1	-	-	-	-	89	-
Stage 2	-	-	-	-	203	-
Critical Hdwy	4.12	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1506	-	-	0	699	969
Stage 1	-	-	-	0	934	-
Stage 2	-	-	-	0	831	-
Platoon blocked, %		-	-			
Mov Cap-1 Maneuver	1506	-	-	-	687	969
Mov Cap-2 Maneuver	-	-	-	-	687	-
Stage 1	-	-	-	-	918	-
Stage 2	-	-	-	-	831	-

Approach	EB	WB	SB
HCM Control Delay, s	1.1	0	12.6
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1506	-	-	687	969
HCM Lane V/C Ratio	0.017	-	-	0.373	0.05
HCM Control Delay (s)	7.4	-	-	13.3	8.9
HCM Lane LOS	A	-	-	B	A
HCM 95th %tile Q(veh)	0.1	-	-	1.7	0.2

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	0	0	189	285	0
Future Vol, veh/h	0	0	0	189	285	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	500	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	86	86	86	86	86	86
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	0	220	331	0

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	551	331	331	0	-	0
Stage 1	331	-	-	-	-	-
Stage 2	220	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	495	711	1228	-	-	-
Stage 1	728	-	-	-	-	-
Stage 2	817	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	495	711	1228	-	-	-
Mov Cap-2 Maneuver	639	-	-	-	-	-
Stage 1	728	-	-	-	-	-
Stage 2	817	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	0	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1228	-	-	-	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	0	-	-
HCM Lane LOS	A	-	A	-	-
HCM 95th %tile Q(veh)	0	-	-	-	-

Intersection	
Int Delay, s/veh	0

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	40	0	0	37	0	0
Future Vol, veh/h	40	0	0	37	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	43	0	0	40	0	0

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	43	0	83	43
Stage 1	-	-	-	-	43	-
Stage 2	-	-	-	-	40	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1566	-	919	1027
Stage 1	-	-	-	-	979	-
Stage 2	-	-	-	-	982	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1566	-	919	1027
Mov Cap-2 Maneuver	-	-	-	-	919	-
Stage 1	-	-	-	-	979	-
Stage 2	-	-	-	-	982	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	0
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	-	-	-	1566	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	-	-	-	0	-

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		⇕			⇕			⇕			⇕	
Traffic Vol, veh/h	0	56	0	0	55	0	0	0	0	0	0	0
Future Vol, veh/h	0	56	0	0	55	0	0	0	0	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	78	78	78	78	78	78	78	78	78	78	78	78
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	72	0	0	71	0	0	0	0	0	0	0

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	71	0	0	72	0	0	143	143	72	143	143	71
Stage 1	-	-	-	-	-	-	72	72	-	71	71	-
Stage 2	-	-	-	-	-	-	71	71	-	72	72	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.12	6.52	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	1529	-	-	1528	-	-	826	748	990	826	748	991
Stage 1	-	-	-	-	-	-	938	835	-	939	836	-
Stage 2	-	-	-	-	-	-	939	836	-	938	835	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1529	-	-	1528	-	-	826	748	990	826	748	991
Mov Cap-2 Maneuver	-	-	-	-	-	-	826	748	-	826	748	-
Stage 1	-	-	-	-	-	-	938	835	-	939	836	-
Stage 2	-	-	-	-	-	-	939	836	-	938	835	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0	0	0
HCM LOS			A	A

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	-	1529	-	-	1528	-	-	-
HCM Lane V/C Ratio	-	-	-	-	-	-	-	-
HCM Control Delay (s)	0	0	-	-	0	-	-	0
HCM Lane LOS	A	A	-	-	A	-	-	A
HCM 95th %tile Q(veh)	-	0	-	-	0	-	-	-

Intersection	
Int Delay, s/veh	1.8

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	95	34	3	94	35	11
Future Vol, veh/h	95	34	3	94	35	11
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	175	100	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	71	71	71	71	71	71
Heavy Vehicles, %	12	10	2	7	2	9
Mvmt Flow	134	48	4	132	49	15

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	182	0	274	134
Stage 1	-	-	-	-	134	-
Stage 2	-	-	-	-	140	-
Critical Hdwy	-	-	4.12	-	6.42	6.29
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.381
Pot Cap-1 Maneuver	-	-	1393	-	716	897
Stage 1	-	-	-	-	892	-
Stage 2	-	-	-	-	887	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1393	-	714	897
Mov Cap-2 Maneuver	-	-	-	-	714	-
Stage 1	-	-	-	-	892	-
Stage 2	-	-	-	-	884	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.2	10.2
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	751	-	-	1393	-
HCM Lane V/C Ratio	0.086	-	-	0.003	-
HCM Control Delay (s)	10.2	-	-	7.6	-
HCM Lane LOS	B	-	-	A	-
HCM 95th %tile Q(veh)	0.3	-	-	0	-

Intersection	
Intersection Delay, s/veh	8.1
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	68	37	29	20	24	66
Future Vol, veh/h	68	37	29	20	24	66
Peak Hour Factor	0.66	0.66	0.66	0.66	0.66	0.66
Heavy Vehicles, %	2	8	3	2	2	4
Mvmt Flow	103	56	44	30	36	100
Number of Lanes	0	1	1	0	1	1

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	2	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	2	1
HCM Control Delay	8.6	7.6	7.9
HCM LOS	A	A	A

Lane	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	65%	0%	100%	0%
Vol Thru, %	35%	59%	0%	0%
Vol Right, %	0%	41%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	105	49	24	66
LT Vol	68	0	24	0
Through Vol	37	29	0	0
RT Vol	0	20	0	66
Lane Flow Rate	159	74	36	100
Geometry Grp	2	2	7	7
Degree of Util (X)	0.197	0.087	0.056	0.122
Departure Headway (Hd)	4.466	4.206	5.567	4.396
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	807	855	645	818
Service Time	2.477	2.218	3.282	2.111
HCM Lane V/C Ratio	0.197	0.087	0.056	0.122
HCM Control Delay	8.6	7.6	8.6	7.7
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.7	0.3	0.2	0.4

Intersection	
Intersection Delay, s/veh	9.2
Intersection LOS	A

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	86	132	44	62	50	64
Future Vol, veh/h	86	132	44	62	50	64
Peak Hour Factor	0.75	0.75	0.75	0.75	0.75	0.75
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	115	176	59	83	67	85
Number of Lanes	1	0	0	1	1	1

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	9.7	9.2	8.3
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	SBLn1	SBLn2
Vol Left, %	42%	39%	0%	0%
Vol Thru, %	58%	0%	100%	0%
Vol Right, %	0%	61%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	106	218	50	64
LT Vol	44	86	0	0
Through Vol	62	0	50	0
RT Vol	0	132	0	64
Lane Flow Rate	141	291	67	85
Geometry Grp	5	2	7	7
Degree of Util (X)	0.195	0.351	0.099	0.11
Departure Headway (Hd)	4.966	4.353	5.343	4.637
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	721	825	669	771
Service Time	3.009	2.382	3.085	2.379
HCM Lane V/C Ratio	0.196	0.353	0.1	0.11
HCM Control Delay	9.2	9.7	8.7	8
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.7	1.6	0.3	0.4

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	42	50	216	23	102	348
Future Volume (veh/h)	42	50	216	23	102	348
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1826	1781	1767	1826	1767	1767
Adj Flow Rate, veh/h	46	54	235	25	111	378
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	8	9	5	9	9
Cap, veh/h	165	296	476	417	170	959
Arrive On Green	0.09	0.09	0.27	0.27	0.10	0.54
Sat Flow, veh/h	1739	1510	1767	1547	1682	1767
Grp Volume(v), veh/h	46	54	235	25	111	378
Grp Sat Flow(s),veh/h/ln	1739	1510	1767	1547	1682	1767
Q Serve(g_s), s	0.7	0.9	3.3	0.4	1.9	3.7
Cycle Q Clear(g_c), s	0.7	0.9	3.3	0.4	1.9	3.7
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	165	296	476	417	170	959
V/C Ratio(X)	0.28	0.18	0.49	0.06	0.65	0.39
Avail Cap(c_a), veh/h	830	873	1806	1582	1133	2942
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	12.4	9.9	9.1	8.0	12.8	3.9
Incr Delay (d2), s/veh	0.9	0.3	0.8	0.1	4.2	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.3	0.2	0.8	0.1	0.6	0.1
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	13.3	10.2	9.9	8.1	16.9	4.2
LnGrp LOS	B	B	A	A	B	A
Approach Vol, veh/h	100		260			489
Approach Delay, s/veh	11.6		9.7			7.1
Approach LOS	B		A			A

Timer - Assigned Phs	1	2				6	8
Phs Duration (G+Y+Rc), s	8.1	13.8				21.8	7.7
Change Period (Y+Rc), s	5.1	5.8				5.8	4.9
Max Green Setting (Gmax), s	19.9	30.2				49.2	14.1
Max Q Clear Time (g_c+I1), s	3.9	5.3				5.7	2.9
Green Ext Time (p_c), s	0.2	1.3				2.2	0.2

Intersection Summary	
HCM 6th Ctrl Delay	8.4
HCM 6th LOS	A

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	46	54	235	25	111	378
v/c Ratio	0.09	0.07	0.24	0.03	0.19	0.26
Control Delay	16.3	2.9	11.3	6.4	14.4	3.4
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	16.3	2.9	11.3	6.4	14.4	3.4
Queue Length 50th (ft)	6	0	24	0	13	0
Queue Length 95th (ft)	35	13	108	13	64	79
Internal Link Dist (ft)	944		951			673
Turn Bay Length (ft)	165			405	410	
Base Capacity (vph)	1050	1247	1536	1309	1200	1810
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.04	0.04	0.15	0.02	0.09	0.21

Intersection Summary

MOVEMENT SUMMARY

Site: 5 [Main St / Idaho Maryland Rd]

EPAP 830-1930 PM
Site Category: (None)
Roundabout

Movement Performance - Vehicles												
Mov ID	Turn	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: SR 49 Ramps												
3	L2	40	3.0	0.093	4.5	LOS A	0.4	9.9	0.42	0.30	0.42	34.2
8	T1	37	3.0	0.093	4.5	LOS A	0.4	9.9	0.42	0.30	0.42	34.2
18	R2	14	3.0	0.093	4.5	LOS A	0.4	9.9	0.42	0.30	0.42	33.2
Approach		92	3.0	0.093	4.5	LOS A	0.4	9.9	0.42	0.30	0.42	34.0
East: Idaho Maryland Rd												
1	L2	151	3.0	0.137	4.5	LOS A	0.6	14.3	0.36	0.25	0.36	32.8
6	T1	161	3.0	0.230	5.4	LOS A	1.0	26.1	0.40	0.28	0.40	35.0
16	R2	93	3.0	0.230	5.4	LOS A	1.0	26.1	0.40	0.28	0.40	33.9
Approach		405	3.0	0.230	5.0	LOS A	1.0	26.1	0.38	0.27	0.38	33.8
North: Main St												
7	L2	54	3.0	0.207	5.5	LOS A	0.8	21.1	0.44	0.36	0.44	34.3
4	T1	156	3.0	0.207	5.5	LOS A	0.8	21.1	0.44	0.36	0.44	34.2
14	R2	210	3.0	0.129	0.0	LOS A	0.0	0.0	0.00	0.00	0.00	37.2
Approach		419	3.0	0.207	2.8	LOS A	0.8	21.1	0.22	0.18	0.22	35.6
West: Main St												
5	L2	160	3.0	0.261	6.1	LOS A	1.1	27.7	0.47	0.39	0.47	33.0
2	T1	79	3.0	0.261	6.1	LOS A	1.1	27.7	0.47	0.39	0.47	32.9
12	R2	24	3.0	0.261	6.1	LOS A	1.1	27.7	0.47	0.39	0.47	32.0
Approach		262	3.0	0.261	6.1	LOS A	1.1	27.7	0.47	0.39	0.47	32.9
All Vehicles		1177	3.0	0.261	4.4	LOS A	1.1	27.7	0.35	0.27	0.35	34.2

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Signalised Intersections.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

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Intersection	
Intersection Delay, s/veh	20
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	57	313	8	0	0	0	0	177	249	146	244	0
Future Vol, veh/h	57	313	8	0	0	0	0	177	249	146	244	0
Peak Hour Factor	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	63	344	9	0	0	0	0	195	274	160	268	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	14.9	29.4	14.8
HCM LOS	B	D	B

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	27%	0%	100%	0%
Vol Thru, %	42%	73%	95%	0%	100%
Vol Right, %	58%	0%	5%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	426	214	165	146	244
LT Vol	0	57	0	146	0
Through Vol	177	157	157	0	244
RT Vol	249	0	8	0	0
Lane Flow Rate	468	235	181	160	268
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.799	0.465	0.35	0.318	0.493
Departure Headway (Hd)	6.141	7.135	6.964	7.125	6.615
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	585	502	515	502	542
Service Time	4.202	4.906	4.735	4.899	4.388
HCM Lane V/C Ratio	0.8	0.468	0.351	0.319	0.494
HCM Control Delay	29.4	16	13.5	13.2	15.7
HCM Lane LOS	D	C	B	B	C
HCM 95th-tile Q	7.8	2.4	1.6	1.4	2.7

Intersection	
Intersection Delay, s/veh	31.2
Intersection LOS	D

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	295	48	44	391	268	474
Future Vol, veh/h	295	48	44	391	268	474
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93
Heavy Vehicles, %	3	2	5	31	11	14
Mvmt Flow	317	52	47	420	288	510
Number of Lanes	1	0	0	2	1	1

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	2	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	2	0	2
HCM Control Delay	27	20.1	39.7
HCM LOS	D	C	E

Lane	NBLn1	NBLn2	EBLn1	WBLn1	WBLn2
Vol Left, %	100%	0%	0%	25%	0%
Vol Thru, %	0%	0%	86%	75%	100%
Vol Right, %	0%	100%	14%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	268	474	343	174	261
LT Vol	268	0	0	44	0
Through Vol	0	0	295	130	261
RT Vol	0	474	48	0	0
Lane Flow Rate	288	510	369	187	280
Geometry Grp	7	7	4	7	7
Degree of Util (X)	0.622	0.933	0.728	0.4	0.623
Departure Headway (Hd)	7.766	6.593	7.104	7.678	8.002
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	464	545	509	467	448
Service Time	5.546	4.371	5.174	5.465	5.79
HCM Lane V/C Ratio	0.621	0.936	0.725	0.4	0.625
HCM Control Delay	22.6	49.3	27	15.5	23.2
HCM Lane LOS	C	E	D	C	C
HCM 95th-tile Q	4.1	11.7	6	1.9	4.1

Intersection	
Intersection Delay, s/veh	14.9
Intersection LOS	B

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	624	122	22	352	82	30
Future Vol, veh/h	624	122	22	352	82	30
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Heavy Vehicles, %	14	5	2	24	5	3
Mvmt Flow	657	128	23	371	86	32
Number of Lanes	2	0	0	2	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	2	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	2
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	1	0	2
HCM Control Delay	16.8	12.4	11
HCM LOS	C	B	B

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2
Vol Left, %	73%	0%	0%	16%	0%
Vol Thru, %	0%	100%	63%	84%	100%
Vol Right, %	27%	0%	37%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	112	416	330	139	235
LT Vol	82	0	0	22	0
Through Vol	0	416	208	117	235
RT Vol	30	0	122	0	0
Lane Flow Rate	118	438	347	147	247
Geometry Grp	2	7	7	7	7
Degree of Util (X)	0.208	0.686	0.504	0.241	0.427
Departure Headway (Hd)	6.344	5.642	5.226	5.917	6.216
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	567	644	695	607	580
Service Time	4.373	3.342	2.926	3.646	3.945
HCM Lane V/C Ratio	0.208	0.68	0.499	0.242	0.426
HCM Control Delay	11	19.7	13.1	10.5	13.5
HCM Lane LOS	B	C	B	B	B
HCM 95th-tile Q	0.8	5.4	2.9	0.9	2.1

Intersection	
Int Delay, s/veh	25.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	218	64	0	107	250	473	19	38	350	8
Future Vol, veh/h	0	0	218	64	0	107	250	473	19	38	350	8
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	0	550	-	-	120	-	150
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	94	94	94	94	94	94	94	94	94	94	94	94
Heavy Vehicles, %	2	2	8	2	2	2	12	17	2	2	14	2
Mvmt Flow	0	0	232	68	0	114	266	503	20	40	372	9

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	-	1507	372	1618	1506	513	381	0	0	523	0	0
Stage 1	-	452	-	1045	1045	-	-	-	-	-	-	-
Stage 2	-	1055	-	573	461	-	-	-	-	-	-	-
Critical Hdwy	-	6.52	6.28	7.12	6.52	6.22	4.22	-	-	4.12	-	-
Critical Hdwy Stg 1	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	-	4.018	3.372	3.518	4.018	3.318	2.308	-	-	2.218	-	-
Pot Cap-1 Maneuver	0	121	661	83	121	561	1125	-	-	1043	-	-
Stage 1	0	570	-	276	306	-	-	-	-	-	-	-
Stage 2	0	302	-	505	565	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	-	89	661	~ 43	89	561	1125	-	-	1043	-	-
Mov Cap-2 Maneuver	-	89	-	~ 43	89	-	-	-	-	-	-	-
Stage 1	-	548	-	211	234	-	-	-	-	-	-	-
Stage 2	-	231	-	315	544	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	13.4	194.3	3.1	0.8
HCM LOS	B	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	1125	-	-	661	43	561	1043	-	-
HCM Lane V/C Ratio	0.236	-	-	0.351	1.583	0.203	0.039	-	-
HCM Control Delay (s)	9.2	-	-	13.4	$ 497.3	13	8.6	-	-
HCM Lane LOS	A	-	-	B	F	B	A	-	-
HCM 95th %tile Q(veh)	0.9	-	-	1.6	6.9	0.8	0.1	-	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Int Delay, s/veh	1.2

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	22	53	77	724	520	94
Future Vol, veh/h	22	53	77	724	520	94
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	90	90	90	90	90	90
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	24	59	86	804	578	104

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1606	341	682	0	-	0
Stage 1	630	-	-	-	-	-
Stage 2	976	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	105	653	897	-	-	-
Stage 1	494	-	-	-	-	-
Stage 2	364	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	95	653	897	-	-	-
Mov Cap-2 Maneuver	282	-	-	-	-	-
Stage 1	447	-	-	-	-	-
Stage 2	364	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	13.4	0.9	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	897	-	282	653	-	-
HCM Lane V/C Ratio	0.095	-	0.087	0.09	-	-
HCM Control Delay (s)	9.4	-	19	11.1	-	-
HCM Lane LOS	A	-	C	B	-	-
HCM 95th %tile Q(veh)	0.3	-	0.3	0.3	-	-

Intersection	
Intersection Delay, s/veh	51
Intersection LOS	F

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	41	23	24	28	57	182	28	531	13	61	283	27
Future Vol, veh/h	41	23	24	28	57	182	28	531	13	61	283	27
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Heavy Vehicles, %	3	2	2	2	2	4	2	9	2	3	9	3
Mvmt Flow	44	25	26	30	61	196	30	571	14	66	304	29
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	13.1	17.5	92.4	20.1
HCM LOS	B	C	F	C

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	47%	10%	100%	0%
Vol Thru, %	0%	98%	26%	21%	0%	91%
Vol Right, %	0%	2%	27%	68%	0%	9%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	28	544	88	267	61	310
LT Vol	28	0	41	28	61	0
Through Vol	0	531	23	57	0	283
RT Vol	0	13	24	182	0	27
Lane Flow Rate	30	585	95	287	66	333
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.06	1.107	0.201	0.529	0.134	0.639
Departure Headway (Hd)	7.22	6.813	8.089	6.967	7.682	7.21
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	499	538	447	520	470	503
Service Time	4.92	4.513	6.089	4.967	5.382	4.91
HCM Lane V/C Ratio	0.06	1.087	0.213	0.552	0.14	0.662
HCM Control Delay	10.4	96.6	13.1	17.5	11.6	21.8
HCM Lane LOS	B	F	B	C	B	C
HCM 95th-tile Q	0.2	18.8	0.7	3.1	0.5	4.4

Intersection	
Int Delay, s/veh	7.2

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	118	160	263	405	160	105
Future Vol, veh/h	118	160	263	405	160	105
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	3	13	10	5	3	2
Mvmt Flow	126	170	280	431	170	112

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	280	0	-	0	702	280
Stage 1	-	-	-	-	280	-
Stage 2	-	-	-	-	422	-
Critical Hdwy	4.13	-	-	-	6.43	6.22
Critical Hdwy Stg 1	-	-	-	-	5.43	-
Critical Hdwy Stg 2	-	-	-	-	5.43	-
Follow-up Hdwy	2.227	-	-	-	3.527	3.318
Pot Cap-1 Maneuver	1277	-	-	0	403	759
Stage 1	-	-	-	0	765	-
Stage 2	-	-	-	0	659	-
Platoon blocked, %			-	-		
Mov Cap-1 Maneuver	1277	-	-	-	363	759
Mov Cap-2 Maneuver	-	-	-	-	363	-
Stage 1	-	-	-	-	689	-
Stage 2	-	-	-	-	659	-

Approach	EB	WB	SB
HCM Control Delay, s	3.4	0	18.3
HCM LOS			C

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1277	-	-	363	759
HCM Lane V/C Ratio	0.098	-	-	0.469	0.147
HCM Control Delay (s)	8.1	-	-	23.4	10.6
HCM Lane LOS	A	-	-	C	B
HCM 95th %tile Q(veh)	0.3	-	-	2.4	0.5

Intersection	
Int Delay, s/veh	1.1

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	54	15	22	517	240	95
Future Vol, veh/h	54	15	22	517	240	95
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	500	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	96	96	96	96	96	96
Heavy Vehicles, %	2	2	2	9	9	2
Mvmt Flow	56	16	23	539	250	99

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	885	300	349	0	-	0
Stage 1	300	-	-	-	-	-
Stage 2	585	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	315	740	1210	-	-	-
Stage 1	752	-	-	-	-	-
Stage 2	557	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	309	740	1210	-	-	-
Mov Cap-2 Maneuver	488	-	-	-	-	-
Stage 1	738	-	-	-	-	-
Stage 2	557	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	12.9	0.3	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1210	-	527	-	-
HCM Lane V/C Ratio	0.019	-	0.136	-	-
HCM Control Delay (s)	8	-	12.9	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0.1	-	0.5	-	-

Intersection	
Int Delay, s/veh	0.4

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	78	0	0	112	0	10
Future Vol, veh/h	78	0	0	112	0	10
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	3	2	2	2	2	2
Mvmt Flow	85	0	0	122	0	11

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	85	0	207	85
Stage 1	-	-	-	-	85	-
Stage 2	-	-	-	-	122	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1512	-	781	974
Stage 1	-	-	-	-	938	-
Stage 2	-	-	-	-	903	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1512	-	781	974
Mov Cap-2 Maneuver	-	-	-	-	781	-
Stage 1	-	-	-	-	938	-
Stage 2	-	-	-	-	903	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	8.7
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	974	-	-	1512	-
HCM Lane V/C Ratio	0.011	-	-	-	-
HCM Control Delay (s)	8.7	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	0	-	-	0	-

Intersection	
Int Delay, s/veh	0.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	0	309	0	12	106	0	0	0	8	0	0	0
Future Vol, veh/h	0	309	0	12	106	0	0	0	8	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	84	84	84	84	84	84	84	84	84	84	84	84
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	368	0	14	126	0	0	0	10	0	0	0

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	126	0	0	368	0	0	522	522	368	527	522	126
Stage 1	-	-	-	-	-	-	368	368	-	154	154	-
Stage 2	-	-	-	-	-	-	154	154	-	373	368	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.12	6.52	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	1460	-	-	1191	-	-	465	459	677	462	459	924
Stage 1	-	-	-	-	-	-	652	621	-	848	770	-
Stage 2	-	-	-	-	-	-	848	770	-	648	621	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1460	-	-	1191	-	-	460	453	677	451	453	924
Mov Cap-2 Maneuver	-	-	-	-	-	-	460	453	-	451	453	-
Stage 1	-	-	-	-	-	-	652	621	-	848	760	-
Stage 2	-	-	-	-	-	-	837	760	-	639	621	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0.8	10.4	0
HCM LOS			B	A

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	677	1460	-	-	1191	-	-	-
HCM Lane V/C Ratio	0.014	-	-	-	0.012	-	-	-
HCM Control Delay (s)	10.4	0	-	-	8.1	0	-	0
HCM Lane LOS	B	A	-	-	A	A	-	A
HCM 95th %tile Q(veh)	0	0	-	-	0	-	-	-

Intersection	
Int Delay, s/veh	1.7

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	256	236	26	244	74	12
Future Vol, veh/h	256	236	26	244	74	12
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	175	100	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	97	97	97	97	97	97
Heavy Vehicles, %	4	8	2	8	5	2
Mvmt Flow	264	243	27	252	76	12

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	507	0	570	264
Stage 1	-	-	-	-	264	-
Stage 2	-	-	-	-	306	-
Critical Hdwy	-	-	4.12	-	6.45	6.22
Critical Hdwy Stg 1	-	-	-	-	5.45	-
Critical Hdwy Stg 2	-	-	-	-	5.45	-
Follow-up Hdwy	-	-	2.218	-	3.545	3.318
Pot Cap-1 Maneuver	-	-	1058	-	478	775
Stage 1	-	-	-	-	773	-
Stage 2	-	-	-	-	740	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1058	-	466	775
Mov Cap-2 Maneuver	-	-	-	-	466	-
Stage 1	-	-	-	-	773	-
Stage 2	-	-	-	-	721	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.8	13.9
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	493	-	-	1058	-
HCM Lane V/C Ratio	0.18	-	-	0.025	-
HCM Control Delay (s)	13.9	-	-	8.5	-
HCM Lane LOS	B	-	-	A	-
HCM 95th %tile Q(veh)	0.6	-	-	0.1	-

Intersection	
Intersection Delay, s/veh	10.3
Intersection LOS	B

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	109	144	132	93	46	123
Future Vol, veh/h	109	144	132	93	46	123
Peak Hour Factor	0.85	0.85	0.85	0.85	0.85	0.85
Heavy Vehicles, %	3	3	7	2	2	3
Mvmt Flow	128	169	155	109	54	145
Number of Lanes	0	1	1	0	1	1

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	2	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	2	1
HCM Control Delay	11.2	10.1	9.4
HCM LOS	B	B	A

Lane	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	43%	0%	100%	0%
Vol Thru, %	57%	59%	0%	0%
Vol Right, %	0%	41%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	253	225	46	123
LT Vol	109	0	46	0
Through Vol	144	132	0	0
RT Vol	0	93	0	123
Lane Flow Rate	298	265	54	145
Geometry Grp	2	2	7	7
Degree of Util (X)	0.402	0.342	0.095	0.206
Departure Headway (Hd)	4.858	4.647	6.327	5.131
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	738	770	563	693
Service Time	2.915	2.704	4.106	2.91
HCM Lane V/C Ratio	0.404	0.344	0.096	0.209
HCM Control Delay	11.2	10.1	9.8	9.3
HCM Lane LOS	B	B	A	A
HCM 95th-tile Q	1.9	1.5	0.3	0.8

Intersection	
Intersection Delay, s/veh	9.9
Intersection LOS	A

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	97	85	167	90	88	79
Future Vol, veh/h	97	85	167	90	88	79
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	108	94	186	100	98	88
Number of Lanes	1	0	0	1	1	1

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	9.7	11	8.5
HCM LOS	A	B	A

Lane	NBLn1	EBLn1	SBLn1	SBLn2
Vol Left, %	65%	53%	0%	0%
Vol Thru, %	35%	0%	100%	0%
Vol Right, %	0%	47%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	257	182	88	79
LT Vol	167	97	0	0
Through Vol	90	0	88	0
RT Vol	0	85	0	79
Lane Flow Rate	286	202	98	88
Geometry Grp	5	2	7	7
Degree of Util (X)	0.387	0.273	0.144	0.112
Departure Headway (Hd)	4.883	4.86	5.306	4.6
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	734	736	673	775
Service Time	2.934	2.909	3.061	2.355
HCM Lane V/C Ratio	0.39	0.274	0.146	0.114
HCM Control Delay	11	9.7	9	7.9
HCM Lane LOS	B	A	A	A
HCM 95th-tile Q	1.8	1.1	0.5	0.4

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	54	182	619	135	275	317
Future Volume (veh/h)	54	182	619	135	275	317
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1826	1796	1767	1826	1767	1767
Adj Flow Rate, veh/h	59	198	673	147	299	345
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	7	9	5	9	9
Cap, veh/h	232	520	739	647	350	1243
Arrive On Green	0.13	0.13	0.42	0.42	0.21	0.70
Sat Flow, veh/h	1739	1522	1767	1547	1682	1767
Grp Volume(v), veh/h	59	198	673	147	299	345
Grp Sat Flow(s),veh/h/ln	1739	1522	1767	1547	1682	1767
Q Serve(g_s), s	2.0	6.5	23.6	4.0	11.3	4.7
Cycle Q Clear(g_c), s	2.0	6.5	23.6	4.0	11.3	4.7
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	232	520	739	647	350	1243
V/C Ratio(X)	0.25	0.38	0.91	0.23	0.85	0.28
Avail Cap(c_a), veh/h	373	643	811	710	509	1321
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	25.6	16.4	18.0	12.3	25.1	3.6
Incr Delay (d2), s/veh	0.6	0.5	13.6	0.2	9.3	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.8	2.1	10.5	1.2	4.9	0.8
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	26.1	16.8	31.6	12.5	34.4	3.7
LnGrp LOS	C	B	C	B	C	A
Approach Vol, veh/h	257		820			644
Approach Delay, s/veh	19.0		28.2			18.0
Approach LOS	B		C			B

Timer - Assigned Phs	1	2				6	8
Phs Duration (G+Y+Rc), s	18.8	33.3				52.1	13.7
Change Period (Y+Rc), s	5.1	5.8				5.8	4.9
Max Green Setting (Gmax), s	13.9	30.2				49.2	14.1
Max Q Clear Time (g_c+I1), s	13.3	25.6				6.7	8.5
Green Ext Time (p_c), s	0.5	2.0				2.0	0.4

Intersection Summary	
HCM 6th Ctrl Delay	23.0
HCM 6th LOS	C

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	59	198	673	147	299	345
v/c Ratio	0.28	0.32	0.80	0.19	0.71	0.23
Control Delay	32.7	8.2	28.1	3.7	34.0	3.1
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	32.7	8.2	28.1	3.7	34.0	3.1
Queue Length 50th (ft)	24	25	262	0	120	37
Queue Length 95th (ft)	59	62	#518	33	212	74
Internal Link Dist (ft)	911		875			623
Turn Bay Length (ft)	165			405	405	
Base Capacity (vph)	394	730	888	830	556	1531
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.15	0.27	0.76	0.18	0.54	0.23

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

1: Tinloy St /Tinloy St & Neal St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	0.3	0.0	0.1
Total Del/Veh (s)	9.5	32.0	6.2	15.7

2: SR 49 On-Ramp/Tinloy St & Auburn St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.1	1.3	0.0	0.6
Total Del/Veh (s)	5.4	8.9	16.3	10.1

3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.2	0.0	0.3	0.2
Total Del/Veh (s)	8.3	9.2	1.0	6.1

8: Main St & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	1.5	1.9	0.9
Total Del/Veh (s)	13.0	8.2	12.5	11.5	10.2

9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.1	0.5	2.8	0.8
Total Del/Veh (s)	10.1	12.3	14.6	35.1	17.8

10: Brunswick Rd & SR 49/20 EB On Ramp Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	6.8	7.5	24.9	12.9

11: Sutton Way & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.5	1.5	0.0	0.3
Total Del/Veh (s)	11.3	20.2	17.6	5.5	13.2

22: SR 49 EB Ramps & Dorsey Dr Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.1	0.2	1.7	0.9
Total Del/Veh (s)	18.1	18.1	11.9	15.2

23: Dorsey Dr & Sr 49 WB Ramps Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	1.6	0.0	0.2	0.4
Total Del/Veh (s)	13.7	7.3	13.8	10.0

Total Zone Performance

Denied Del/Veh (s)	1.1
Total Del/Veh (s)	328.5

Intersection: 1: Tinloy St /Tinloy St & Neal St

Movement	EB	WB	SB	SB
Directions Served	TR	LT	LT	TR
Maximum Queue (ft)	113	361	116	78
Average Queue (ft)	75	138	51	28
95th Queue (ft)	116	293	94	62
Link Distance (ft)	93	1538	960	960
Upstream Blk Time (%)	6			
Queuing Penalty (veh)	17			
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 2: SR 49 On-Ramp/Tinloy St & Auburn St

Movement	EB	WB	WB	SB	SB
Directions Served	TR	LT	T	LT	TR
Maximum Queue (ft)	120	117	179	120	98
Average Queue (ft)	56	41	81	70	47
95th Queue (ft)	102	88	145	113	87
Link Distance (ft)	135		897	99	99
Upstream Blk Time (%)	0			3	0
Queuing Penalty (veh)	0			5	0
Storage Bay Dist (ft)		100			
Storage Blk Time (%)		0	3		
Queuing Penalty (veh)		0	7		

Intersection: 3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp

Movement	WB	WB	NB	NB	SB
Directions Served	LT	TR	L	T	TR
Maximum Queue (ft)	133	109	33	87	25
Average Queue (ft)	62	51	10	43	2
95th Queue (ft)	99	84	32	68	13
Link Distance (ft)	1196	1196		262	402
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)			100		
Storage Blk Time (%)				0	
Queuing Penalty (veh)				0	

Intersection: 8: Main St & Brunswick Rd

Movement	EB	WB	WB	WB	NB	NB	SB	SB	SB
Directions Served	LTR	L	LT	R	T	R	L	L	T
Maximum Queue (ft)	48	111	120	138	140	110	107	150	107
Average Queue (ft)	18	47	54	51	59	39	33	70	48
95th Queue (ft)	43	88	97	106	105	74	81	120	94
Link Distance (ft)	777	160	160	160	1486				1622
Upstream Blk Time (%)		0	0	0					
Queuing Penalty (veh)		0	0	0					
Storage Bay Dist (ft)						115	360	360	
Storage Blk Time (%)					1	0			
Queuing Penalty (veh)					1	0			

Intersection: 9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd

Movement	EB	EB	WB	WB	WB	NB	NB	SB	SB	SB	SB
Directions Served	T	TR	L	T	T	LT	R	L	L	T	R
Maximum Queue (ft)	156	172	101	172	170	70	89	158	185	95	84
Average Queue (ft)	54	77	59	53	78	20	44	73	112	30	40
95th Queue (ft)	118	146	94	131	151	53	78	145	167	70	69
Link Distance (ft)	160	160		103	103		1666			1351	
Upstream Blk Time (%)	0	0	1	3	3						
Queuing Penalty (veh)	0	1	0	7	10						
Storage Bay Dist (ft)			140			100		240	240		240
Storage Blk Time (%)			1	3		0	0				
Queuing Penalty (veh)			2	3		0	0				

Intersection: 10: Brunswick Rd & SR 49/20 EB On Ramp

Movement	EB	EB	WB	WB	NB	NB	B52
Directions Served	T	TR	T	T	<	R	T
Maximum Queue (ft)	123	131	150	139	218	241	396
Average Queue (ft)	42	37	33	37	160	141	71
95th Queue (ft)	98	94	99	105	232	233	277
Link Distance (ft)	456	456	334	334	145	145	915
Upstream Blk Time (%)					17	12	0
Queuing Penalty (veh)					0	0	0
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 11: Sutton Way & Brunswick Rd

Movement	EB	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB
Directions Served	L	L	T	T	R	UL	T	TR	L	L	TR	L
Maximum Queue (ft)	91	103	160	168	151	140	190	267	57	119	93	81
Average Queue (ft)	38	55	76	89	64	54	84	129	17	59	35	35
95th Queue (ft)	76	90	139	142	115	102	154	217	46	107	71	70
Link Distance (ft)			334	334			1884	1884		1476		229
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	240	240			240	120			280		280	
Storage Blk Time (%)						0	2					
Queuing Penalty (veh)						0	2					

Intersection: 11: Sutton Way & Brunswick Rd

Movement	SB
Directions Served	T
Maximum Queue (ft)	82
Average Queue (ft)	33
95th Queue (ft)	69
Link Distance (ft)	229
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 22: SR 49 EB Ramps & Dorsey Dr

Movement	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	T	T	TR	L	LT	R
Maximum Queue (ft)	133	192	84	118	127	180	252	118
Average Queue (ft)	55	92	29	51	60	39	125	30
95th Queue (ft)	106	166	64	96	112	104	217	75
Link Distance (ft)	211	211		1564	1564		800	
Upstream Blk Time (%)		0						
Queuing Penalty (veh)		0						
Storage Bay Dist (ft)			140			220		220
Storage Blk Time (%)				0		0	1	
Queuing Penalty (veh)				0		0	3	

Intersection: 23: Dorsey Dr & Sr 49 WB Ramps

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	R	L	T	T	LT	R
Maximum Queue (ft)	186	116	153	132	144	128	81
Average Queue (ft)	83	29	71	57	56	56	39
95th Queue (ft)	155	78	130	111	120	101	68
Link Distance (ft)	548		211	211	211	1120	1120
Upstream Blk Time (%)			0				
Queuing Penalty (veh)			0				
Storage Bay Dist (ft)		155					
Storage Blk Time (%)	1	0					
Queuing Penalty (veh)	1	0					

Zone Summary

Zone wide Queuing Penalty: 61

MOVEMENT SUMMARY

Site: 5 [Main St / Idaho Maryland Rd]

EPAP plus Project AM Peak
To Centennial
Site Category: (None)
Roundabout

Movement Performance - Vehicles												
Mov ID	Turn	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: SR 49 Ramps												
3	L2	36	3.0	0.251	7.8	LOS A	1.1	27.7	0.62	0.61	0.62	33.3
8	T1	67	3.0	0.251	7.8	LOS A	1.1	27.7	0.62	0.61	0.62	33.2
18	R2	83	3.0	0.251	7.8	LOS A	1.1	27.7	0.62	0.61	0.62	32.3
Approach		186	3.0	0.251	7.8	LOS A	1.1	27.7	0.62	0.61	0.62	32.8
East: Idaho Maryland Rd												
1	L2	257	3.0	0.265	6.4	LOS A	1.2	29.7	0.50	0.43	0.50	31.9
6	T1	141	3.0	0.425	8.6	LOS A	2.2	55.2	0.58	0.52	0.58	33.2
16	R2	270	3.0	0.425	8.6	LOS A	2.2	55.2	0.58	0.52	0.58	32.2
Approach		668	3.0	0.425	7.7	LOS A	2.2	55.2	0.55	0.48	0.55	32.3
North: Main St												
7	L2	129	3.0	0.331	7.3	LOS A	1.4	36.6	0.53	0.49	0.53	32.9
4	T1	183	3.0	0.331	7.3	LOS A	1.4	36.6	0.53	0.49	0.53	32.9
14	R2	207	3.0	0.127	0.0	LOS A	0.0	0.0	0.00	0.00	0.00	37.2
Approach		519	3.0	0.331	4.4	LOS A	1.4	36.6	0.32	0.29	0.32	34.4
West: Main St												
5	L2	276	3.0	0.541	12.0	LOS B	3.8	98.6	0.69	0.83	1.07	30.5
2	T1	163	3.0	0.541	12.0	LOS B	3.8	98.6	0.69	0.83	1.07	30.4
12	R2	14	3.0	0.541	12.0	LOS B	3.8	98.6	0.69	0.83	1.07	29.6
Approach		453	3.0	0.541	12.0	LOS B	3.8	98.6	0.69	0.83	1.07	30.4
All Vehicles		1826	3.0	0.541	7.8	LOS A	3.8	98.6	0.53	0.53	0.62	32.4

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Signalised Intersections.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Intersection	
Intersection Delay, s/veh	16.1
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	60	282	3	0	0	0	0	122	156	174	331	0
Future Vol, veh/h	60	282	3	0	0	0	0	122	156	174	331	0
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	67	313	3	0	0	0	0	136	173	193	368	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	14.1	16.1	17.4
HCM LOS	B	C	C

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	30%	0%	100%	0%
Vol Thru, %	44%	70%	98%	0%	100%
Vol Right, %	56%	0%	2%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	278	201	144	174	331
LT Vol	0	60	0	174	0
Through Vol	122	141	141	0	331
RT Vol	156	0	3	0	0
Lane Flow Rate	309	223	160	193	368
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.531	0.435	0.304	0.363	0.639
Departure Headway (Hd)	6.187	7.004	6.837	6.767	6.259
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	581	514	525	530	577
Service Time	4.241	4.759	4.592	4.524	4.015
HCM Lane V/C Ratio	0.532	0.434	0.305	0.364	0.638
HCM Control Delay	16.1	15.1	12.6	13.4	19.5
HCM Lane LOS	C	C	B	B	C
HCM 95th-tile Q	3.1	2.2	1.3	1.6	4.5

Intersection	
Intersection Delay, s/veh	44.1
Intersection LOS	E

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	220	53	66	776	169	248
Future Vol, veh/h	220	53	66	776	169	248
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles, %	4	6	2	12	6	28
Mvmt Flow	244	59	73	862	188	276
Number of Lanes	1	0	0	2	1	1

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	2	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	2	0	2
HCM Control Delay	18.6	65.5	17.7
HCM LOS	C	F	C

Lane	NBLn1	NBLn2	EBLn1	WBLn1	WBLn2
Vol Left, %	100%	0%	0%	20%	0%
Vol Thru, %	0%	0%	81%	80%	100%
Vol Right, %	0%	100%	19%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	169	248	273	325	517
LT Vol	169	0	0	66	0
Through Vol	0	0	220	259	517
RT Vol	0	248	53	0	0
Lane Flow Rate	188	276	303	361	575
Geometry Grp	7	7	4	7	7
Degree of Util (X)	0.416	0.546	0.568	0.679	1.093
Departure Headway (Hd)	8.182	7.337	6.897	6.773	6.843
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	443	496	528	534	535
Service Time	5.882	5.037	4.897	4.502	4.572
HCM Lane V/C Ratio	0.424	0.556	0.574	0.676	1.075
HCM Control Delay	16.6	18.5	18.6	22.7	92.3
HCM Lane LOS	C	C	C	C	F
HCM 95th-tile Q	2	3.2	3.5	5.1	18

Intersection	
Intersection Delay, s/veh	24.7
Intersection LOS	C

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	447	72	23	717	93	30
Future Vol, veh/h	447	72	23	717	93	30
Peak Hour Factor	0.87	0.87	0.87	0.87	0.87	0.87
Heavy Vehicles, %	39	4	2	7	5	2
Mvmt Flow	514	83	26	824	107	34
Number of Lanes	2	0	0	2	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	2	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	2
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	1	0	2
HCM Control Delay	17.6	31.8	12.4
HCM LOS	C	D	B

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2
Vol Left, %	76%	0%	0%	9%	0%
Vol Thru, %	0%	100%	67%	91%	100%
Vol Right, %	24%	0%	33%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	123	298	221	262	478
LT Vol	93	0	0	23	0
Through Vol	0	298	149	239	478
RT Vol	30	0	72	0	0
Lane Flow Rate	141	343	254	301	549
Geometry Grp	2	7	7	7	7
Degree of Util (X)	0.268	0.644	0.419	0.494	0.907
Departure Headway (Hd)	6.83	6.769	5.935	5.902	5.943
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	526	534	605	611	610
Service Time	4.869	4.516	3.681	3.641	3.682
HCM Lane V/C Ratio	0.268	0.642	0.42	0.493	0.9
HCM Control Delay	12.4	21	12.9	14.3	41.4
HCM Lane LOS	B	C	B	B	E
HCM 95th-tile Q	1.1	4.5	2.1	2.7	11.2

Intersection	
Int Delay, s/veh	13.6

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	240	25	0	76	299	499	57	94	476	14
Future Vol, veh/h	0	0	240	25	0	76	299	499	57	94	476	14
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	0	50	-	0	550	-	-	120	-	150
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	97	97	97	97	97	97	97	97	97	97	97	97
Heavy Vehicles, %	2	2	5	2	2	2	4	5	2	2	12	2
Mvmt Flow	0	0	247	26	0	78	308	514	59	97	491	14

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	-	-	491	1976	-	544	505	0	0	573	0	0
Stage 1	-	-	-	1160	-	-	-	-	-	-	-	-
Stage 2	-	-	-	816	-	-	-	-	-	-	-	-
Critical Hdwy	-	-	6.25	7.12	-	6.22	4.14	-	-	4.12	-	-
Critical Hdwy Stg 1	-	-	-	6.12	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	6.12	-	-	-	-	-	-	-	-
Follow-up Hdwy	-	-	3.345	3.518	-	3.318	2.236	-	-	2.218	-	-
Pot Cap-1 Maneuver	0	0	571	46	0	539	1049	-	-	1000	-	-
Stage 1	0	0	-	238	0	-	-	-	-	-	-	-
Stage 2	0	0	-	371	0	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	-	-	571	~ 19	-	539	1049	-	-	1000	-	-
Mov Cap-2 Maneuver	-	-	-	~ 19	-	-	-	-	-	-	-	-
Stage 1	-	-	-	168	-	-	-	-	-	-	-	-
Stage 2	-	-	-	190	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	16	164.1	3.4	1.4
HCM LOS	C	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	1049	-	-	571	19	539	1000	-	-
HCM Lane V/C Ratio	0.294	-	-	0.433	1.356	0.145	0.097	-	-
HCM Control Delay (s)	9.9	-	-	16$	624.1	12.8	9	-	-
HCM Lane LOS	A	-	-	C	F	B	A	-	-
HCM 95th %tile Q(veh)	1.2	-	-	2.2	3.6	0.5	0.3	-	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Int Delay, s/veh	2

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	94	66	33	759	694	42
Future Vol, veh/h	94	66	33	759	694	42
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	99	69	35	799	731	44

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1622	388	775	0	-	0
Stage 1	753	-	-	-	-	-
Stage 2	869	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	103	609	828	-	-	-
Stage 1	427	-	-	-	-	-
Stage 2	409	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	99	609	828	-	-	-
Mov Cap-2 Maneuver	290	-	-	-	-	-
Stage 1	409	-	-	-	-	-
Stage 2	409	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	18.7	0.4	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	828	-	290	609	-	-
HCM Lane V/C Ratio	0.042	-	0.341	0.114	-	-
HCM Control Delay (s)	9.5	-	23.7	11.7	-	-
HCM Lane LOS	A	-	C	B	-	-
HCM 95th %tile Q(veh)	0.1	-	1.5	0.4	-	-

Intersection	
Intersection Delay, s/veh	38.6
Intersection LOS	E

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	30	29	27	25	44	85	21	393	36	153	550	33
Future Vol, veh/h	30	29	27	25	44	85	21	393	36	153	550	33
Peak Hour Factor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Heavy Vehicles, %	2	2	2	2	2	4	2	9	2	4	9	3
Mvmt Flow	30	29	27	25	44	86	21	397	36	155	556	33
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	12.1	12.9	28.4	53.4
HCM LOS	B	B	D	F

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	35%	16%	100%	0%
Vol Thru, %	0%	92%	34%	29%	0%	94%
Vol Right, %	0%	8%	31%	55%	0%	6%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	21	429	86	154	153	583
LT Vol	21	0	30	25	153	0
Through Vol	0	393	29	44	0	550
RT Vol	0	36	27	85	0	33
Lane Flow Rate	21	433	87	156	155	589
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.041	0.785	0.177	0.297	0.285	1.009
Departure Headway (Hd)	6.967	6.519	7.483	7.008	6.629	6.166
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	510	550	482	516	538	583
Service Time	4.766	4.317	5.483	5.008	4.414	3.951
HCM Lane V/C Ratio	0.041	0.787	0.18	0.302	0.288	1.01
HCM Control Delay	10.1	29.3	12.1	12.9	12.1	64.3
HCM Lane LOS	B	D	B	B	B	F
HCM 95th-tile Q	0.1	7.3	0.6	1.2	1.2	15.1

Intersection	
Int Delay, s/veh	47.4

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	78	226	239	273	409	116
Future Vol, veh/h	78	226	239	273	409	116
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	3	2	2
Mvmt Flow	85	246	260	297	445	126

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	260	0	-	0	676	260
Stage 1	-	-	-	-	260	-
Stage 2	-	-	-	-	416	-
Critical Hdwy	4.12	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1304	-	-	0	~ 419	779
Stage 1	-	-	-	0	783	-
Stage 2	-	-	-	0	666	-
Platoon blocked, %		-	-			
Mov Cap-1 Maneuver	1304	-	-	-	~ 392	779
Mov Cap-2 Maneuver	-	-	-	-	~ 392	-
Stage 1	-	-	-	-	732	-
Stage 2	-	-	-	-	666	-

Approach	EB	WB	SB
HCM Control Delay, s	2	0	95.2
HCM LOS			F

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1304	-	-	392	779
HCM Lane V/C Ratio	0.065	-	-	1.134	0.162
HCM Control Delay (s)	8	-	-	119.2	10.5
HCM Lane LOS	A	-	-	F	B
HCM 95th %tile Q(veh)	0.2	-	-	16.6	0.6

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Int Delay, s/veh	1.7

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	85	22	15	365	537	64
Future Vol, veh/h	85	22	15	365	537	64
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	500	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	9	9	2
Mvmt Flow	92	24	16	397	584	70

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1048	619	654	0	-	0
Stage 1	619	-	-	-	-	-
Stage 2	429	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	252	489	933	-	-	-
Stage 1	537	-	-	-	-	-
Stage 2	657	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	248	489	933	-	-	-
Mov Cap-2 Maneuver	443	-	-	-	-	-
Stage 1	528	-	-	-	-	-
Stage 2	657	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	15.7	0.4	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	933	-	452	-	-
HCM Lane V/C Ratio	0.017	-	0.257	-	-
HCM Control Delay (s)	8.9	-	15.7	-	-
HCM Lane LOS	A	-	C	-	-
HCM 95th %tile Q(veh)	0.1	-	1	-	-

Intersection	
Int Delay, s/veh	0.5

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	76	0	0	98	0	10
Future Vol, veh/h	76	0	0	98	0	10
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	83	0	0	107	0	11

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	83	0	190	83
Stage 1	-	-	-	-	83	-
Stage 2	-	-	-	-	107	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1514	-	799	976
Stage 1	-	-	-	-	940	-
Stage 2	-	-	-	-	917	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1514	-	799	976
Mov Cap-2 Maneuver	-	-	-	-	799	-
Stage 1	-	-	-	-	940	-
Stage 2	-	-	-	-	917	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	8.7
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	976	-	-	1514	-
HCM Lane V/C Ratio	0.011	-	-	-	-
HCM Control Delay (s)	8.7	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	0	-	-	0	-

Intersection	
Int Delay, s/veh	0.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	0	114	0	8	261	0	0	0	12	0	0	0
Future Vol, veh/h	0	114	0	8	261	0	0	0	12	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	75	75	75	75	75	75	75	75	75	75	75	75
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	152	0	11	348	0	0	0	16	0	0	0

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	348	0	0	152	0	0	522	522	152	530	522	348
Stage 1	-	-	-	-	-	-	152	152	-	370	370	-
Stage 2	-	-	-	-	-	-	370	370	-	160	152	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.12	6.52	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	1211	-	-	1429	-	-	465	459	894	460	459	695
Stage 1	-	-	-	-	-	-	850	772	-	650	620	-
Stage 2	-	-	-	-	-	-	650	620	-	842	772	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1211	-	-	1429	-	-	461	454	894	449	454	695
Mov Cap-2 Maneuver	-	-	-	-	-	-	461	454	-	449	454	-
Stage 1	-	-	-	-	-	-	850	772	-	650	614	-
Stage 2	-	-	-	-	-	-	644	614	-	827	772	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0.2	9.1	0
HCM LOS			A	A

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	894	1211	-	-	1429	-	-	-
HCM Lane V/C Ratio	0.018	-	-	-	0.007	-	-	-
HCM Control Delay (s)	9.1	0	-	-	7.5	0	-	0
HCM Lane LOS	A	A	-	-	A	A	-	A
HCM 95th %tile Q(veh)	0.1	0	-	-	0	-	-	-

Intersection	
Int Delay, s/veh	35.9

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	329	120	12	425	245	37
Future Vol, veh/h	329	120	12	425	245	37
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	175	100	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	80	80	80	80	80	80
Heavy Vehicles, %	12	10	2	7	2	9
Mvmt Flow	411	150	15	531	306	46

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	561	0	972	411
Stage 1	-	-	-	-	411	-
Stage 2	-	-	-	-	561	-
Critical Hdwy	-	-	4.12	-	6.42	6.29
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.381
Pot Cap-1 Maneuver	-	-	1010	-	~ 280	626
Stage 1	-	-	-	-	669	-
Stage 2	-	-	-	-	571	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1010	-	~ 276	626
Mov Cap-2 Maneuver	-	-	-	-	~ 276	-
Stage 1	-	-	-	-	669	-
Stage 2	-	-	-	-	562	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.2	148.4
HCM LOS			F

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	298	-	-	1010	-
HCM Lane V/C Ratio	1.183	-	-	0.015	-
HCM Control Delay (s)	148.4	-	-	8.6	-
HCM Lane LOS	F	-	-	A	-
HCM 95th %tile Q(veh)	15.4	-	-	0	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Intersection Delay, s/veh	15.5
Intersection LOS	C

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	212	131	234	75	112	208
Future Vol, veh/h	212	131	234	75	112	208
Peak Hour Factor	0.85	0.85	0.85	0.85	0.85	0.85
Heavy Vehicles, %	2	8	3	2	2	4
Mvmt Flow	249	154	275	88	132	245
Number of Lanes	0	1	1	0	1	1

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	2	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	2	1
HCM Control Delay	18.4	15.4	12.5
HCM LOS	C	C	B

Lane	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	62%	0%	100%	0%
Vol Thru, %	38%	76%	0%	0%
Vol Right, %	0%	24%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	343	309	112	208
LT Vol	212	0	112	0
Through Vol	131	234	0	0
RT Vol	0	75	0	208
Lane Flow Rate	404	364	132	245
Geometry Grp	2	2	7	7
Degree of Util (X)	0.639	0.558	0.26	0.402
Departure Headway (Hd)	5.701	5.53	7.096	5.909
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	634	651	506	607
Service Time	3.752	3.583	4.849	3.661
HCM Lane V/C Ratio	0.637	0.559	0.261	0.404
HCM Control Delay	18.4	15.4	12.3	12.6
HCM Lane LOS	C	C	B	B
HCM 95th-tile Q	4.6	3.5	1	1.9

Intersection	
Intersection Delay, s/veh	15.9
Intersection LOS	C

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	144	189	130	172	179	179
Future Vol, veh/h	144	189	130	172	179	179
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	173	228	157	207	216	216
Number of Lanes	1	0	0	1	1	1

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	18.2	17.8	12.1
HCM LOS	C	C	B

Lane	NBLn1	EBLn1	SBLn1	SBLn2
Vol Left, %	43%	43%	0%	0%
Vol Thru, %	57%	0%	100%	0%
Vol Right, %	0%	57%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	302	333	179	179
LT Vol	130	144	0	0
Through Vol	172	0	179	0
RT Vol	0	189	0	179
Lane Flow Rate	364	401	216	216
Geometry Grp	5	2	7	7
Degree of Util (X)	0.603	0.634	0.379	0.336
Departure Headway (Hd)	5.971	5.689	6.329	5.615
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	604	634	567	636
Service Time	4.032	3.748	4.095	3.382
HCM Lane V/C Ratio	0.603	0.632	0.381	0.34
HCM Control Delay	17.8	18.2	12.9	11.2
HCM Lane LOS	C	C	B	B
HCM 95th-tile Q	4	4.5	1.8	1.5

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	146	329	463	45	121	590
Future Volume (veh/h)	146	329	463	45	121	590
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1826	1781	1767	1826	1767	1767
Adj Flow Rate, veh/h	159	358	503	49	132	641
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	8	9	5	9	9
Cap, veh/h	430	527	616	539	171	968
Arrive On Green	0.25	0.25	0.35	0.35	0.10	0.55
Sat Flow, veh/h	1739	1510	1767	1547	1682	1767
Grp Volume(v), veh/h	159	358	503	49	132	641
Grp Sat Flow(s),veh/h/ln	1739	1510	1767	1547	1682	1767
Q Serve(g_s), s	4.0	10.6	13.5	1.1	4.0	13.4
Cycle Q Clear(g_c), s	4.0	10.6	13.5	1.1	4.0	13.4
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	430	527	616	539	171	968
V/C Ratio(X)	0.37	0.68	0.82	0.09	0.77	0.66
Avail Cap(c_a), veh/h	470	562	1022	895	641	1665
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	16.3	14.5	15.5	11.4	22.8	8.4
Incr Delay (d2), s/veh	0.5	3.1	2.7	0.1	7.1	0.8
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.5	3.5	4.6	0.3	1.7	3.2
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	16.8	17.6	18.2	11.5	29.9	9.2
LnGrp LOS	B	B	B	B	C	A
Approach Vol, veh/h	517		552			773
Approach Delay, s/veh	17.3		17.6			12.7
Approach LOS	B		B			B

Timer - Assigned Phs	1	2				6	8
Phs Duration (G+Y+Rc), s	10.4	24.0				34.4	17.8
Change Period (Y+Rc), s	5.1	5.8				5.8	4.9
Max Green Setting (Gmax), s	19.3	30.2				49.2	14.1
Max Q Clear Time (g_c+I1), s	6.0	15.5				15.4	12.6
Green Ext Time (p_c), s	0.3	2.7				4.3	0.3

Intersection Summary	
HCM 6th Ctrl Delay	15.5
HCM 6th LOS	B

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	159	358	503	49	132	641
v/c Ratio	0.48	0.49	0.72	0.08	0.41	0.50
Control Delay	30.0	8.5	23.5	5.1	28.6	7.4
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	30.0	8.5	23.5	5.1	28.6	7.4
Queue Length 50th (ft)	52	36	150	0	43	109
Queue Length 95th (ft)	126	107	303	19	103	202
Internal Link Dist (ft)	901		887			643
Turn Bay Length (ft)	165			405	405	
Base Capacity (vph)	474	1001	1062	923	670	1607
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.34	0.36	0.47	0.05	0.20	0.40

Intersection Summary

1: Tinloy St /Tinloy St & Neal St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	0.2	0.0	0.1
Total Del/Veh (s)	11.0	24.8	6.5	12.4

2: SR 49 On-Ramp/Tinloy St & Auburn St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	1.0	0.0	0.4
Total Del/Veh (s)	6.2	9.2	19.9	11.1

3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.2	0.0	0.5	0.3
Total Del/Veh (s)	11.6	9.9	1.8	7.3

8: Main St & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	1.6	2.1	1.1
Total Del/Veh (s)	18.7	10.8	18.3	18.1	15.3

9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.0	0.5	2.7	0.8
Total Del/Veh (s)	14.8	15.0	21.6	36.8	21.4

10: Brunswick Rd & SR 49/20 EB On Ramp Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	8.6	9.8	28.0	14.0

11: Sutton Way & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.6	1.5	0.0	0.5
Total Del/Veh (s)	17.7	36.0	31.4	14.0	24.4

22: SR 49 EB Ramps & Dorsey Dr Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.5	2.7	0.9
Total Del/Veh (s)	13.4	13.9	13.7	13.7

23: Dorsey Dr & Sr 49 WB Ramps Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	2.4	0.1	0.2	1.1
Total Del/Veh (s)	19.3	11.6	15.7	15.7

Total Zone Performance

Denied Del/Veh (s)	1.4
Total Del/Veh (s)	770.4

Intersection: 1: Tinloy St /Tinloy St & Neal St

Movement	EB	WB	SB	SB
Directions Served	TR	LT	LT	TR
Maximum Queue (ft)	112	242	102	106
Average Queue (ft)	75	102	48	48
95th Queue (ft)	116	208	88	89
Link Distance (ft)	93	1538	960	960
Upstream Blk Time (%)	8			
Queuing Penalty (veh)	23			
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 2: SR 49 On-Ramp/Tinloy St & Auburn St

Movement	EB	WB	WB	SB	SB
Directions Served	TR	LT	T	LT	TR
Maximum Queue (ft)	142	115	191	122	110
Average Queue (ft)	85	34	83	80	64
95th Queue (ft)	141	81	149	124	107
Link Distance (ft)	135		897	99	99
Upstream Blk Time (%)	1			7	2
Queuing Penalty (veh)	5			10	3
Storage Bay Dist (ft)		100			
Storage Blk Time (%)		0	3		
Queuing Penalty (veh)		0	7		

Intersection: 3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp

Movement	WB	WB	NB	NB	SB
Directions Served	LT	TR	L	T	TR
Maximum Queue (ft)	166	169	38	78	47
Average Queue (ft)	78	68	14	42	5
95th Queue (ft)	134	123	39	66	26
Link Distance (ft)	1196	1196		262	402
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)			100		
Storage Blk Time (%)				0	
Queuing Penalty (veh)				0	

Intersection: 8: Main St & Brunswick Rd

Movement	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	LTR	L	LT	R	L	T	R	L	L	TR
Maximum Queue (ft)	49	117	119	171	33	276	139	240	259	179
Average Queue (ft)	14	49	50	96	2	100	66	78	118	66
95th Queue (ft)	41	94	95	167	19	199	123	179	204	132
Link Distance (ft)	777	160	160	160		1486				1622
Upstream Blk Time (%)		0	0	1						
Queuing Penalty (veh)		0	0	2						
Storage Bay Dist (ft)					115		115	360	360	
Storage Blk Time (%)						5	1		0	
Queuing Penalty (veh)						9	2		0	

Intersection: 9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd

Movement	EB	EB	WB	WB	WB	NB	NB	SB	SB	SB	SB
Directions Served	T	TR	L	T	T	LT	R	L	L	T	R
Maximum Queue (ft)	173	190	102	182	181	107	200	207	225	110	105
Average Queue (ft)	99	132	65	62	102	36	88	118	146	40	47
95th Queue (ft)	181	207	104	145	185	83	156	191	208	87	87
Link Distance (ft)	160	160		103	103		1666			1351	
Upstream Blk Time (%)	1	7	2	3	9						
Queuing Penalty (veh)	3	24	0	11	32						
Storage Bay Dist (ft)			140			100		240	240		240
Storage Blk Time (%)			2	3		1	7	0	0		
Queuing Penalty (veh)			5	4		2	2	0	0		

Intersection: 10: Brunswick Rd & SR 49/20 EB On Ramp

Movement	EB	EB	WB	WB	WB	NB	NB	B52
Directions Served	T	TR	T	T	R	<	R	T
Maximum Queue (ft)	141	153	195	261	218	217	230	400
Average Queue (ft)	63	62	66	89	13	150	170	89
95th Queue (ft)	129	129	161	211	116	225	250	298
Link Distance (ft)	456	456	334	334	334	145	145	915
Upstream Blk Time (%)				0	0	15	22	
Queuing Penalty (veh)				0	1	0	0	
Storage Bay Dist (ft)								
Storage Blk Time (%)								
Queuing Penalty (veh)								

Intersection: 11: Sutton Way & Brunswick Rd

Movement	EB	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB
Directions Served	L	L	T	T	R	UL	T	TR	L	L	TR	L
Maximum Queue (ft)	136	185	248	238	195	202	302	430	247	306	217	139
Average Queue (ft)	69	85	118	120	95	90	143	223	105	179	91	69
95th Queue (ft)	125	143	201	195	159	163	250	358	216	272	172	122
Link Distance (ft)			334	334			1884	1884		1476		229
Upstream Blk Time (%)		0	0	0								
Queuing Penalty (veh)		0	0	0								
Storage Bay Dist (ft)	240	240			240	120			280		280	
Storage Blk Time (%)		0	0	0	0	4	9		0	1	0	
Queuing Penalty (veh)		0	0	1	0	11	13		0	3	0	

Intersection: 11: Sutton Way & Brunswick Rd

Movement	SB
Directions Served	T
Maximum Queue (ft)	124
Average Queue (ft)	60
95th Queue (ft)	107
Link Distance (ft)	229
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 22: SR 49 EB Ramps & Dorsey Dr

Movement	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	T	T	TR	L	LT	R
Maximum Queue (ft)	190	222	142	136	164	102	134	128
Average Queue (ft)	85	97	58	52	69	42	59	56
95th Queue (ft)	156	193	112	99	129	81	108	102
Link Distance (ft)	211	211		1564	1564		800	
Upstream Blk Time (%)	0	1						
Queuing Penalty (veh)	0	3						
Storage Bay Dist (ft)			140			220		220
Storage Blk Time (%)			0	0				
Queuing Penalty (veh)			1	0				

Intersection: 23: Dorsey Dr & Sr 49 WB Ramps

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	R	L	T	T	LT	R
Maximum Queue (ft)	461	180	211	113	118	180	75
Average Queue (ft)	180	108	106	39	36	91	34
95th Queue (ft)	371	203	184	95	95	156	62
Link Distance (ft)	548		211	211	211	1120	1120
Upstream Blk Time (%)	1		0				
Queuing Penalty (veh)	0		1				
Storage Bay Dist (ft)		155					
Storage Blk Time (%)	10	1					
Queuing Penalty (veh)	40	4					

Zone Summary

Zone wide Queuing Penalty: 216

MOVEMENT SUMMARY

Site: 5 [Main St / Idaho Maryland Rd]

EPAP plus Project PM Peak
To Centennial
Site Category: (None)
Roundabout

Movement Performance - Vehicles												
Mov ID	Turn	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: SR 49 Ramps												
3	L2	75	3.0	0.245	6.6	LOS A	1.1	28.6	0.54	0.47	0.54	33.4
8	T1	71	3.0	0.245	6.6	LOS A	1.1	28.6	0.54	0.47	0.54	33.4
18	R2	73	3.0	0.245	6.6	LOS A	1.1	28.6	0.54	0.47	0.54	32.4
Approach		218	3.0	0.245	6.6	LOS A	1.1	28.6	0.54	0.47	0.54	33.1
East: Idaho Maryland Rd												
1	L2	372	3.0	0.375	7.7	LOS A	1.8	46.7	0.54	0.46	0.54	31.3
6	T1	258	3.0	0.493	9.5	LOS A	3.3	83.3	0.61	0.58	0.72	32.8
16	R2	234	3.0	0.493	9.5	LOS A	3.3	83.3	0.61	0.58	0.72	31.8
Approach		863	3.0	0.493	8.7	LOS A	3.3	83.3	0.58	0.53	0.64	31.9
North: Main St												
7	L2	77	3.0	0.389	9.8	LOS A	1.8	47.2	0.65	0.70	0.80	32.2
4	T1	213	3.0	0.389	9.8	LOS A	1.8	47.2	0.65	0.70	0.80	32.1
14	R2	329	3.0	0.203	0.0	LOS A	0.0	0.0	0.00	0.00	0.00	37.2
Approach		619	3.0	0.389	4.6	LOS A	1.8	47.2	0.30	0.33	0.38	34.6
West: Main St												
5	L2	207	3.0	0.452	10.7	LOS B	2.5	63.9	0.66	0.75	0.92	31.0
2	T1	107	3.0	0.452	10.7	LOS B	2.5	63.9	0.66	0.75	0.92	30.9
12	R2	35	3.0	0.452	10.7	LOS B	2.5	63.9	0.66	0.75	0.92	30.1
Approach		349	3.0	0.452	10.7	LOS B	2.5	63.9	0.66	0.75	0.92	30.9
All Vehicles		2049	3.0	0.493	7.6	LOS A	3.3	83.3	0.50	0.50	0.60	32.6

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Signalised Intersections.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

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Intersection	
Intersection Delay, s/veh	9.3
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	15	96	6	0	0	0	0	86	100	89	100	0
Future Vol, veh/h	15	96	6	0	0	0	0	86	100	89	100	0
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	17	109	7	0	0	0	0	98	114	101	114	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	9	9.8	9.1
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	24%	0%	100%	0%
Vol Thru, %	46%	76%	89%	0%	100%
Vol Right, %	54%	0%	11%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	186	63	54	89	100
LT Vol	0	15	0	89	0
Through Vol	86	48	48	0	100
RT Vol	100	0	6	0	0
Lane Flow Rate	211	72	61	101	114
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.284	0.113	0.094	0.157	0.16
Departure Headway (Hd)	4.83	5.688	5.49	5.587	5.084
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	744	629	652	642	705
Service Time	2.864	3.432	3.234	3.323	2.82
HCM Lane V/C Ratio	0.284	0.114	0.094	0.157	0.162
HCM Control Delay	9.8	9.2	8.8	9.4	8.8
HCM Lane LOS	A	A	A	A	A
HCM 95th-tile Q	1.2	0.4	0.3	0.6	0.6

Intersection	
Intersection Delay, s/veh	18.9
Intersection LOS	C

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	197	19	32	204	125	367
Future Vol, veh/h	197	19	32	204	125	367
Peak Hour Factor	0.77	0.77	0.77	0.77	0.77	0.77
Heavy Vehicles, %	3	2	5	31	11	14
Mvmt Flow	256	25	42	265	162	477
Number of Lanes	1	0	0	2	1	1

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	2	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	2	0	2
HCM Control Delay	16.3	13.4	22.7
HCM LOS	C	B	C

Lane	NBLn1	NBLn2	EBLn1	WBLn1	WBLn2
Vol Left, %	100%	0%	0%	32%	0%
Vol Thru, %	0%	0%	91%	68%	100%
Vol Right, %	0%	100%	9%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	125	367	216	100	136
LT Vol	125	0	0	32	0
Through Vol	0	0	197	68	136
RT Vol	0	367	19	0	0
Lane Flow Rate	162	477	281	130	177
Geometry Grp	7	7	4	7	7
Degree of Util (X)	0.316	0.775	0.51	0.255	0.36
Departure Headway (Hd)	7.017	5.852	6.541	7.059	7.347
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	511	615	550	506	487
Service Time	4.774	3.608	4.601	4.828	5.116
HCM Lane V/C Ratio	0.317	0.776	0.511	0.257	0.363
HCM Control Delay	13	26	16.3	12.3	14.2
HCM Lane LOS	B	D	C	B	B
HCM 95th-tile Q	1.3	7.3	2.9	1	1.6

Intersection	
Intersection Delay, s/veh	12.1
Intersection LOS	B

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	475	68	20	175	44	7
Future Vol, veh/h	475	68	20	175	44	7
Peak Hour Factor	0.78	0.78	0.78	0.78	0.78	0.78
Heavy Vehicles, %	14	5	2	24	5	3
Mvmt Flow	609	87	26	224	56	9
Number of Lanes	2	0	0	2	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	2	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	2
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	1	0	2
HCM Control Delay	13.1	10	9.7
HCM LOS	B	A	A

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2
Vol Left, %	86%	0%	0%	26%	0%
Vol Thru, %	0%	100%	70%	74%	100%
Vol Right, %	14%	0%	30%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	51	317	226	78	117
LT Vol	44	0	0	20	0
Through Vol	0	317	158	58	117
RT Vol	7	0	68	0	0
Lane Flow Rate	65	406	290	100	150
Geometry Grp	2	7	7	7	7
Degree of Util (X)	0.108	0.583	0.388	0.154	0.24
Departure Headway (Hd)	5.957	5.173	4.808	5.522	5.77
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	599	698	749	647	621
Service Time	4.018	2.911	2.546	3.275	3.523
HCM Lane V/C Ratio	0.109	0.582	0.387	0.155	0.242
HCM Control Delay	9.7	14.9	10.6	9.3	10.4
HCM Lane LOS	A	B	B	A	B
HCM 95th-tile Q	0.4	3.8	1.8	0.5	0.9

Intersection	
Int Delay, s/veh	6.5

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	162	46	0	55	132	231	10	11	230	3
Future Vol, veh/h	0	0	162	46	0	55	132	231	10	11	230	3
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	0	550	-	-	120	-	150
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	83	83	83	83	83	83	83	83	83	83	83	83
Heavy Vehicles, %	2	2	8	2	2	2	12	17	2	2	14	2
Mvmt Flow	0	0	195	55	0	66	159	278	12	13	277	4

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	-	911	277	1005	909	284	281	0	0	290	0	0
Stage 1	-	303	-	602	602	-	-	-	-	-	-	-
Stage 2	-	608	-	403	307	-	-	-	-	-	-	-
Critical Hdwy	-	6.52	6.28	7.12	6.52	6.22	4.22	-	-	4.12	-	-
Critical Hdwy Stg 1	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	-	4.018	3.372	3.518	4.018	3.318	2.308	-	-	2.218	-	-
Pot Cap-1 Maneuver	0	274	748	220	275	755	1226	-	-	1272	-	-
Stage 1	0	664	-	486	489	-	-	-	-	-	-	-
Stage 2	0	486	-	624	661	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	-	236	748	145	237	755	1226	-	-	1272	-	-
Mov Cap-2 Maneuver	-	236	-	145	237	-	-	-	-	-	-	-
Stage 1	-	657	-	423	425	-	-	-	-	-	-	-
Stage 2	-	423	-	456	654	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	11.5	25.8	3	0.4
HCM LOS	B	D		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	1226	-	-	748	145	755	1272	-	-
HCM Lane V/C Ratio	0.13	-	-	0.261	0.382	0.088	0.01	-	-
HCM Control Delay (s)	8.4	-	-	11.5	44.4	10.2	7.9	-	-
HCM Lane LOS	A	-	-	B	E	B	A	-	-
HCM 95th %tile Q(veh)	0.4	-	-	1	1.6	0.3	0	-	-

Intersection	
Int Delay, s/veh	1.1

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	13	36	44	360	374	49
Future Vol, veh/h	13	36	44	360	374	49
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	76	76	76	76	76	76
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	17	47	58	474	492	64

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1114	278	556	0	-	0
Stage 1	524	-	-	-	-	-
Stage 2	590	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	216	717	1001	-	-	-
Stage 1	560	-	-	-	-	-
Stage 2	553	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	203	717	1001	-	-	-
Mov Cap-2 Maneuver	406	-	-	-	-	-
Stage 1	528	-	-	-	-	-
Stage 2	553	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	11.4	1	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	1001	-	406	717	-	-
HCM Lane V/C Ratio	0.058	-	0.042	0.066	-	-
HCM Control Delay (s)	8.8	-	14.3	10.4	-	-
HCM Lane LOS	A	-	B	B	-	-
HCM 95th %tile Q(veh)	0.2	-	0.1	0.2	-	-

Intersection	
Intersection Delay, s/veh	13
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	20	10	20	29	26	83	24	342	6	30	184	11
Future Vol, veh/h	20	10	20	29	26	83	24	342	6	30	184	11
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles, %	3	2	0	2	2	4	2	9	2	3	9	3
Mvmt Flow	22	11	22	32	29	92	27	380	7	33	204	12
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	9.5	10.2	15.7	11.1
HCM LOS	A	B	C	B

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	40%	21%	100%	0%
Vol Thru, %	0%	98%	20%	19%	0%	94%
Vol Right, %	0%	2%	40%	60%	0%	6%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	24	348	50	138	30	195
LT Vol	24	0	20	29	30	0
Through Vol	0	342	10	26	0	184
RT Vol	0	6	20	83	0	11
Lane Flow Rate	27	387	56	153	33	217
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.044	0.597	0.09	0.233	0.057	0.344
Departure Headway (Hd)	5.956	5.559	5.862	5.474	6.156	5.713
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	603	650	611	656	583	630
Service Time	3.677	3.28	3.903	3.508	3.882	3.439
HCM Lane V/C Ratio	0.045	0.595	0.092	0.233	0.057	0.344
HCM Control Delay	9	16.2	9.5	10.2	9.3	11.4
HCM Lane LOS	A	C	A	B	A	B
HCM 95th-tile Q	0.1	4	0.3	0.9	0.2	1.5

Intersection	
Int Delay, s/veh	5.6

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	52	123	127	245	128	47
Future Vol, veh/h	52	123	127	245	128	47
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	80	80	80	80	80	80
Heavy Vehicles, %	3	13	10	5	3	2
Mvmt Flow	65	154	159	306	160	59

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	159	0	-	0	443	159
Stage 1	-	-	-	-	159	-
Stage 2	-	-	-	-	284	-
Critical Hdwy	4.13	-	-	-	6.43	6.22
Critical Hdwy Stg 1	-	-	-	-	5.43	-
Critical Hdwy Stg 2	-	-	-	-	5.43	-
Follow-up Hdwy	2.227	-	-	-	3.527	3.318
Pot Cap-1 Maneuver	1414	-	-	0	570	886
Stage 1	-	-	-	0	867	-
Stage 2	-	-	-	0	762	-
Platoon blocked, %			-	-		
Mov Cap-1 Maneuver	1414	-	-	-	544	886
Mov Cap-2 Maneuver	-	-	-	-	544	-
Stage 1	-	-	-	-	827	-
Stage 2	-	-	-	-	762	-

Approach	EB	WB	SB
HCM Control Delay, s	2.3	0	13.1
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1414	-	-	544	886
HCM Lane V/C Ratio	0.046	-	-	0.294	0.066
HCM Control Delay (s)	7.7	-	-	14.4	9.4
HCM Lane LOS	A	-	-	B	A
HCM 95th %tile Q(veh)	0.1	-	-	1.2	0.2

Intersection	
Int Delay, s/veh	1.5

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	54	15	22	317	138	95
Future Vol, veh/h	54	15	22	317	138	95
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	500	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	9	9	2
Mvmt Flow	61	17	25	360	157	108

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	621	211	265	0	-	0
Stage 1	211	-	-	-	-	-
Stage 2	410	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	451	829	1299	-	-	-
Stage 1	824	-	-	-	-	-
Stage 2	670	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	442	829	1299	-	-	-
Mov Cap-2 Maneuver	594	-	-	-	-	-
Stage 1	808	-	-	-	-	-
Stage 2	670	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	11.5	0.5	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1299	-	633	-	-
HCM Lane V/C Ratio	0.019	-	0.124	-	-
HCM Control Delay (s)	7.8	-	11.5	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0.1	-	0.4	-	-

Intersection	
Int Delay, s/veh	0.8

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	40	0	0	61	0	10
Future Vol, veh/h	40	0	0	61	0	10
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	3	2	2	2	2	2
Mvmt Flow	43	0	0	66	0	11

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	43	0	109	43
Stage 1	-	-	-	-	43	-
Stage 2	-	-	-	-	66	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1566	-	888	1027
Stage 1	-	-	-	-	979	-
Stage 2	-	-	-	-	957	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1566	-	888	1027
Mov Cap-2 Maneuver	-	-	-	-	888	-
Stage 1	-	-	-	-	979	-
Stage 2	-	-	-	-	957	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	8.5
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	1027	-	-	1566	-
HCM Lane V/C Ratio	0.011	-	-	-	-
HCM Control Delay (s)	8.5	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	0	-	-	0	-

Intersection	
Int Delay, s/veh	0.7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	0	176	0	12	66	0	0	0	8	0	0	0
Future Vol, veh/h	0	176	0	12	66	0	0	0	8	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	71	71	71	71	71	71	71	71	71	71	71	71
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	248	0	17	93	0	0	0	11	0	0	0

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	93	0	0	248	0	0	375	375	248	381	375	93
Stage 1	-	-	-	-	-	-	248	248	-	127	127	-
Stage 2	-	-	-	-	-	-	127	127	-	254	248	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.12	6.52	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	1501	-	-	1318	-	-	582	556	791	577	556	964
Stage 1	-	-	-	-	-	-	756	701	-	877	791	-
Stage 2	-	-	-	-	-	-	877	791	-	750	701	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1501	-	-	1318	-	-	576	548	791	563	548	964
Mov Cap-2 Maneuver	-	-	-	-	-	-	576	548	-	563	548	-
Stage 1	-	-	-	-	-	-	756	701	-	877	780	-
Stage 2	-	-	-	-	-	-	865	780	-	739	701	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	1.2	9.6	0
HCM LOS			A	A

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	791	1501	-	-	1318	-	-	-
HCM Lane V/C Ratio	0.014	-	-	-	0.013	-	-	-
HCM Control Delay (s)	9.6	0	-	-	7.8	0	-	0
HCM Lane LOS	A	A	-	-	A	A	-	A
HCM 95th %tile Q(veh)	0	0	-	-	0	-	-	-

Intersection	
Int Delay, s/veh	1.1

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	186	173	10	154	39	6
Future Vol, veh/h	186	173	10	154	39	6
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	175	100	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	75	75	75	75	75	75
Heavy Vehicles, %	4	8	2	8	5	2
Mvmt Flow	248	231	13	205	52	8

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	479	0	479	248
Stage 1	-	-	-	-	248	-
Stage 2	-	-	-	-	231	-
Critical Hdwy	-	-	4.12	-	6.45	6.22
Critical Hdwy Stg 1	-	-	-	-	5.45	-
Critical Hdwy Stg 2	-	-	-	-	5.45	-
Follow-up Hdwy	-	-	2.218	-	3.545	3.318
Pot Cap-1 Maneuver	-	-	1083	-	540	791
Stage 1	-	-	-	-	786	-
Stage 2	-	-	-	-	800	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1083	-	534	791
Mov Cap-2 Maneuver	-	-	-	-	534	-
Stage 1	-	-	-	-	786	-
Stage 2	-	-	-	-	790	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.5	12.2
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	558	-	-	1083	-
HCM Lane V/C Ratio	0.108	-	-	0.012	-
HCM Control Delay (s)	12.2	-	-	8.4	-
HCM Lane LOS	B	-	-	A	-
HCM 95th %tile Q(veh)	0.4	-	-	0	-

Intersection	
Intersection Delay, s/veh	8.5
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	48	124	89	47	30	59
Future Vol, veh/h	48	124	89	47	30	59
Peak Hour Factor	0.85	0.85	0.85	0.85	0.85	0.85
Heavy Vehicles, %	3	3	7	2	2	3
Mvmt Flow	56	146	105	55	35	69
Number of Lanes	0	1	1	0	1	1

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	2	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	2	1
HCM Control Delay	8.9	8.3	8.2
HCM LOS	A	A	A

Lane	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	28%	0%	100%	0%
Vol Thru, %	72%	65%	0%	0%
Vol Right, %	0%	35%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	172	136	30	59
LT Vol	48	0	30	0
Through Vol	124	89	0	0
RT Vol	0	47	0	59
Lane Flow Rate	202	160	35	69
Geometry Grp	2	2	7	7
Degree of Util (X)	0.249	0.191	0.057	0.09
Departure Headway (Hd)	4.437	4.293	5.843	4.652
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	811	837	614	770
Service Time	2.455	2.311	3.569	2.378
HCM Lane V/C Ratio	0.249	0.191	0.057	0.09
HCM Control Delay	8.9	8.3	8.9	7.8
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	1	0.7	0.2	0.3

Intersection	
Intersection Delay, s/veh	8.2
Intersection LOS	A

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	32	49	89	38	43	46
Future Vol, veh/h	32	49	89	38	43	46
Peak Hour Factor	0.78	0.78	0.78	0.78	0.78	0.78
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	41	63	114	49	55	59
Number of Lanes	1	0	0	1	1	1

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	7.9	8.7	7.6
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	SBLn1	SBLn2
Vol Left, %	70%	40%	0%	0%
Vol Thru, %	30%	0%	100%	0%
Vol Right, %	0%	60%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	127	81	43	46
LT Vol	89	32	0	0
Through Vol	38	0	43	0
RT Vol	0	49	0	46
Lane Flow Rate	163	104	55	59
Geometry Grp	5	2	7	7
Degree of Util (X)	0.201	0.124	0.075	0.069
Departure Headway (Hd)	4.543	4.282	4.906	4.203
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	795	841	735	857
Service Time	2.543	2.287	2.606	1.903
HCM Lane V/C Ratio	0.205	0.124	0.075	0.069
HCM Control Delay	8.7	7.9	8	7.2
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.7	0.4	0.2	0.2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	28	80	335	120	212	206
Future Volume (veh/h)	28	80	335	120	212	206
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1826	1796	1767	1826	1767	1767
Adj Flow Rate, veh/h	30	87	364	130	230	224
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	7	9	5	9	9
Cap, veh/h	164	416	529	463	301	1089
Arrive On Green	0.09	0.09	0.30	0.30	0.18	0.62
Sat Flow, veh/h	1739	1522	1767	1547	1682	1767
Grp Volume(v), veh/h	30	87	364	130	230	224
Grp Sat Flow(s),veh/h/ln	1739	1522	1767	1547	1682	1767
Q Serve(g_s), s	0.6	1.6	6.7	2.4	4.8	2.1
Cycle Q Clear(g_c), s	0.6	1.6	6.7	2.4	4.8	2.1
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	164	416	529	463	301	1089
V/C Ratio(X)	0.18	0.21	0.69	0.28	0.76	0.21
Avail Cap(c_a), veh/h	663	853	1442	1263	905	2350
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	15.4	10.3	11.4	9.9	14.4	3.1
Incr Delay (d2), s/veh	0.5	0.2	1.6	0.3	4.0	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.2	0.4	1.9	0.6	1.6	0.1
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	16.0	10.6	13.0	10.2	18.5	3.2
LnGrp LOS	B	B	B	B	B	A
Approach Vol, veh/h	117		494			454
Approach Delay, s/veh	12.0		12.3			10.9
Approach LOS	B		B			B

Timer - Assigned Phs	1	2			6	8
Phs Duration (G+Y+Rc), s	11.7	16.9			28.6	8.4
Change Period (Y+Rc), s	5.1	5.8			5.8	4.9
Max Green Setting (Gmax), s	19.3	30.2			49.2	14.1
Max Q Clear Time (g_c+I1), s	6.8	8.7			4.1	3.6
Green Ext Time (p_c), s	0.5	2.3			1.2	0.2

Intersection Summary	
HCM 6th Ctrl Delay	11.7
HCM 6th LOS	B

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	30	87	364	130	230	224
v/c Ratio	0.11	0.14	0.57	0.21	0.48	0.14
Control Delay	24.2	3.4	17.3	4.3	19.9	2.2
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	24.2	3.4	17.3	4.3	19.9	2.2
Queue Length 50th (ft)	5	0	48	0	32	0
Queue Length 95th (ft)	35	21	198	31	146	42
Internal Link Dist (ft)	1030		917			643
Turn Bay Length (ft)	165			405	405	
Base Capacity (vph)	639	964	1387	1209	902	1711
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.05	0.09	0.26	0.11	0.25	0.13

Intersection Summary

1: Tinloy St /Tinloy St & Neal St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	0.2	0.0	0.0
Total Del/Veh (s)	2.8	9.6	4.3	5.1

2: SR 49 On-Ramp/Tinloy St & Auburn St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	1.5	0.0	0.5
Total Del/Veh (s)	4.4	5.8	8.2	6.1

3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	0.2	0.1
Total Del/Veh (s)	5.5	7.5	0.5	3.8

8: Main St & Maltman Dr/Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	1.3	2.2	1.0
Total Del/Veh (s)	14.3	4.5	7.4	6.6	5.9

9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.0	1.0	2.9	0.9
Total Del/Veh (s)	4.4	8.7	24.8	37.8	16.7

10: Brunswick Rd & SR 49/20 EB On Ramp Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.5	4.0	20.2	8.5

11: Sutton Way & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.3	1.4	0.0	0.2
Total Del/Veh (s)	5.2	8.8	11.0	1.0	5.0

22: SR 49 EB Ramps & Dorsey Dr Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.2	1.6	0.8
Total Del/Veh (s)	11.2	11.2	7.4	9.3

23: Dorsey Dr & Sr 49 WB Ramps Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	1.7	0.0	0.1	0.5
Total Del/Veh (s)	7.1	5.6	7.3	6.2

Total Zone Performance

Denied Del/Veh (s)	1.1
Total Del/Veh (s)	71.9

Intersection: 1: Tinloy St /Tinloy St & Neal St

Movement	EB	WB	SB	SB
Directions Served	TR	LT	LT	TR
Maximum Queue (ft)	90	105	60	52
Average Queue (ft)	31	48	22	16
95th Queue (ft)	69	86	52	42
Link Distance (ft)	93	1538	960	960
Upstream Blk Time (%)	0			
Queuing Penalty (veh)	1			
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 2: SR 49 On-Ramp/Tinloy St & Auburn St

Movement	EB	WB	WB	SB	SB
Directions Served	TR	LT	T	LT	TR
Maximum Queue (ft)	97	63	92	100	87
Average Queue (ft)	42	23	35	43	28
95th Queue (ft)	76	53	73	85	67
Link Distance (ft)	135		897	99	99
Upstream Blk Time (%)	0			0	0
Queuing Penalty (veh)	0			0	0
Storage Bay Dist (ft)		100			
Storage Blk Time (%)			0		
Queuing Penalty (veh)			0		

Intersection: 3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp

Movement	WB	WB	NB	NB	SB
Directions Served	LT	TR	L	T	TR
Maximum Queue (ft)	61	61	31	52	2
Average Queue (ft)	35	26	7	30	0
95th Queue (ft)	52	52	28	45	2
Link Distance (ft)	1196	1196		262	402
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)			100		
Storage Blk Time (%)					
Queuing Penalty (veh)					

Intersection: 8: Main St & Maltman Dr/Brunswick Rd

Movement	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	LTR	L	LT	R	L	T	R	L	L	TR
Maximum Queue (ft)	38	60	52	71	25	68	57	56	92	58
Average Queue (ft)	7	18	16	24	2	24	16	8	36	13
95th Queue (ft)	27	44	43	50	11	57	46	34	71	38
Link Distance (ft)	777	160	160	160		1486				1622
Upstream Blk Time (%)										
Queuing Penalty (veh)										
Storage Bay Dist (ft)					115		115	360	360	
Storage Blk Time (%)										
Queuing Penalty (veh)										

Intersection: 9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd

Movement	EB	EB	WB	WB	WB	NB	NB	SB	SB	SB	SB
Directions Served	T	TR	L	T	T	LT	R	L	L	T	R
Maximum Queue (ft)	54	93	82	78	98	40	30	116	150	51	54
Average Queue (ft)	10	23	27	11	24	6	8	33	77	13	22
95th Queue (ft)	36	63	64	43	69	25	28	87	135	41	48
Link Distance (ft)	160	160		103	103		1666			1351	
Upstream Blk Time (%)		0	0	0	0						
Queuing Penalty (veh)		0	0	0	0						
Storage Bay Dist (ft)			140			100		240	240		240
Storage Blk Time (%)			0	0							
Queuing Penalty (veh)			0	0							

Intersection: 10: Brunswick Rd & SR 49/20 EB On Ramp

Movement	EB	EB	WB	WB	NB	NB	B52
Directions Served	T	TR	T	T	<	R	T
Maximum Queue (ft)	55	48	40	48	186	144	55
Average Queue (ft)	5	5	3	4	85	61	3
95th Queue (ft)	27	25	20	24	152	110	41
Link Distance (ft)	456	456	334	334	145	145	915
Upstream Blk Time (%)					2	0	
Queuing Penalty (veh)					0	0	
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 11: Sutton Way & Brunswick Rd

Movement	EB	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB
Directions Served	L	L	T	T	R	UL	T	TR	L	L	TR	L
Maximum Queue (ft)	51	64	99	110	60	54	98	120	34	72	41	47
Average Queue (ft)	11	30	23	43	20	16	36	49	4	28	13	13
95th Queue (ft)	37	58	70	86	50	40	76	99	20	58	34	39
Link Distance (ft)			334	334			1884	1884		1476		229
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	240	240			240	120			280		280	
Storage Blk Time (%)							0					
Queuing Penalty (veh)							0					

Intersection: 11: Sutton Way & Brunswick Rd

Movement	SB
Directions Served	T
Maximum Queue (ft)	31
Average Queue (ft)	7
95th Queue (ft)	28
Link Distance (ft)	229
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 22: SR 49 EB Ramps & Dorsey Dr

Movement	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	T	T	TR	L	LT	R
Maximum Queue (ft)	75	115	44	68	79	78	144	51
Average Queue (ft)	27	43	14	26	28	23	62	20
95th Queue (ft)	60	84	37	53	58	57	113	43
Link Distance (ft)	211	211		1564	1564		800	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)			140			220		220
Storage Blk Time (%)								
Queuing Penalty (veh)								

Intersection: 23: Dorsey Dr & Sr 49 WB Ramps

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	R	L	T	T	LT	R
Maximum Queue (ft)	103	50	100	85	91	58	63
Average Queue (ft)	34	18	42	29	23	23	27
95th Queue (ft)	73	40	80	67	66	52	50
Link Distance (ft)	548		211	211	211	1120	1120
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)		155					
Storage Blk Time (%)	0						
Queuing Penalty (veh)	0						

Zone Summary

Zone wide Queuing Penalty: 1

MOVEMENT SUMMARY

Site: 5 [Main St / Idaho Maryland Rd]

EPAP plus Project 0630-0730 AM
To Centennial
Site Category: (None)
Roundabout

Movement Performance - Vehicles												
Mov ID	Turn	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: SR 49 Ramps												
3	L2	16	3.0	0.089	4.7	LOS A	0.4	9.3	0.45	0.34	0.45	34.9
8	T1	22	3.0	0.089	4.7	LOS A	0.4	9.3	0.45	0.34	0.45	34.8
18	R2	45	3.0	0.089	4.7	LOS A	0.4	9.3	0.45	0.34	0.45	33.8
Approach		83	3.0	0.089	4.7	LOS A	0.4	9.3	0.45	0.34	0.45	34.2
East: Idaho Maryland Rd												
1	L2	148	3.0	0.128	4.2	LOS A	0.5	13.4	0.32	0.19	0.32	32.9
6	T1	62	3.0	0.156	4.5	LOS A	0.7	16.8	0.33	0.20	0.33	35.4
16	R2	118	3.0	0.156	4.5	LOS A	0.7	16.8	0.33	0.20	0.33	34.3
Approach		329	3.0	0.156	4.3	LOS A	0.7	16.8	0.32	0.20	0.32	33.8
North: Main St												
7	L2	70	3.0	0.197	5.0	LOS A	0.8	20.6	0.35	0.24	0.35	34.4
4	T1	153	3.0	0.197	5.0	LOS A	0.8	20.6	0.35	0.24	0.35	34.3
14	R2	77	3.0	0.047	0.0	LOS A	0.0	0.0	0.00	0.00	0.00	37.2
Approach		300	3.0	0.197	3.7	LOS A	0.8	20.6	0.26	0.18	0.26	35.0
West: Main St												
5	L2	148	3.0	0.295	6.6	LOS A	1.3	32.2	0.49	0.42	0.49	33.0
2	T1	122	3.0	0.295	6.6	LOS A	1.3	32.2	0.49	0.42	0.49	33.0
12	R2	23	3.0	0.295	6.6	LOS A	1.3	32.2	0.49	0.42	0.49	32.1
Approach		294	3.0	0.295	6.6	LOS A	1.3	32.2	0.49	0.42	0.49	32.9
All Vehicles		1005	3.0	0.295	4.8	LOS A	1.3	32.2	0.36	0.27	0.36	33.9

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Signalised Intersections.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Intersection	
Intersection Delay, s/veh	15.2
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	47	329	3	0	0	0	0	96	155	164	304	0
Future Vol, veh/h	47	329	3	0	0	0	0	96	155	164	304	0
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	52	366	3	0	0	0	0	107	172	182	338	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	14.1	14.8	16.2
HCM LOS	B	B	C

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	22%	0%	100%	0%
Vol Thru, %	38%	78%	98%	0%	100%
Vol Right, %	62%	0%	2%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	251	212	168	164	304
LT Vol	0	47	0	164	0
Through Vol	96	165	165	0	304
RT Vol	155	0	3	0	0
Lane Flow Rate	279	235	186	182	338
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.479	0.445	0.346	0.344	0.591
Departure Headway (Hd)	6.184	6.822	6.697	6.805	6.297
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	583	526	536	528	571
Service Time	4.234	4.574	4.449	4.557	4.049
HCM Lane V/C Ratio	0.479	0.447	0.347	0.345	0.592
HCM Control Delay	14.8	15	13	13.1	17.8
HCM Lane LOS	B	B	B	B	C
HCM 95th-tile Q	2.6	2.3	1.5	1.5	3.8

Intersection	
Intersection Delay, s/veh	25.7
Intersection LOS	D

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	288	61	57	644	203	224
Future Vol, veh/h	288	61	57	644	203	224
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94
Heavy Vehicles, %	4	6	2	12	6	28
Mvmt Flow	306	65	61	685	216	238
Number of Lanes	1	0	0	2	1	1

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	2	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	2	0	2
HCM Control Delay	23.7	31.9	17
HCM LOS	C	D	C

Lane	NBLn1	NBLn2	EBLn1	WBLn1	WBLn2
Vol Left, %	100%	0%	0%	21%	0%
Vol Thru, %	0%	0%	83%	79%	100%
Vol Right, %	0%	100%	17%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	203	224	349	272	429
LT Vol	203	0	0	57	0
Through Vol	0	0	288	215	429
RT Vol	0	224	61	0	0
Lane Flow Rate	216	238	371	289	457
Geometry Grp	7	7	4	7	7
Degree of Util (X)	0.479	0.473	0.693	0.548	0.874
Departure Headway (Hd)	7.986	7.14	6.717	6.825	6.891
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	449	503	535	526	525
Service Time	5.757	4.911	4.785	4.603	4.669
HCM Lane V/C Ratio	0.481	0.473	0.693	0.549	0.87
HCM Control Delay	17.9	16.2	23.7	17.7	40.9
HCM Lane LOS	C	C	C	C	E
HCM 95th-tile Q	2.5	2.5	5.4	3.3	9.6

Intersection	
Intersection Delay, s/veh	18.4
Intersection LOS	C

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	390	88	31	545	107	49
Future Vol, veh/h	390	88	31	545	107	49
Peak Hour Factor	0.78	0.78	0.78	0.78	0.78	0.78
Heavy Vehicles, %	39	4	2	7	5	2
Mvmt Flow	480	108	38	671	132	60
Number of Lanes	2	0	0	2	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	2	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	2
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	1	0	2
HCM Control Delay	16.6	21.3	13.3
HCM LOS	C	C	B

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2
Vol Left, %	69%	0%	0%	15%	0%
Vol Thru, %	0%	100%	60%	85%	100%
Vol Right, %	31%	0%	40%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	156	260	218	213	363
LT Vol	107	0	0	31	0
Through Vol	0	260	130	182	363
RT Vol	49	0	88	0	0
Lane Flow Rate	192	320	268	262	447
Geometry Grp	2	7	7	7	7
Degree of Util (X)	0.353	0.604	0.44	0.444	0.76
Departure Headway (Hd)	6.622	6.798	5.906	6.107	6.119
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	543	531	609	589	590
Service Time	4.667	4.548	3.657	3.853	3.865
HCM Lane V/C Ratio	0.354	0.603	0.44	0.445	0.758
HCM Control Delay	13.3	19.4	13.3	13.7	25.7
HCM Lane LOS	B	C	B	B	D
HCM 95th-tile Q	1.6	4	2.2	2.3	6.8

Intersection	
Int Delay, s/veh	8.7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	200	27	0	49	211	470	50	86	426	13
Future Vol, veh/h	0	0	200	27	0	49	211	470	50	86	426	13
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	0	550	-	-	120	-	150
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	94	94	94	94	94	94	94	94	94	94	94	94
Heavy Vehicles, %	2	2	5	2	2	2	4	5	2	2	12	2
Mvmt Flow	0	0	213	29	0	52	224	500	53	91	453	14

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	-	1636	453	1724	1624	527	467	0	0	553	0	0
Stage 1	-	635	-	975	975	-	-	-	-	-	-	-
Stage 2	-	1001	-	749	649	-	-	-	-	-	-	-
Critical Hdwy	-	6.52	6.25	7.12	6.52	6.22	4.14	-	-	4.12	-	-
Critical Hdwy Stg 1	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	-	4.018	3.345	3.518	4.018	3.318	2.236	-	-	2.218	-	-
Pot Cap-1 Maneuver	0	101	601	70	102	551	1084	-	-	1017	-	-
Stage 1	0	472	-	303	330	-	-	-	-	-	-	-
Stage 2	0	321	-	404	466	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	-	73	601	35	74	551	1084	-	-	1017	-	-
Mov Cap-2 Maneuver	-	73	-	35	74	-	-	-	-	-	-	-
Stage 1	-	430	-	240	262	-	-	-	-	-	-	-
Stage 2	-	255	-	238	425	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	14.2	102.5	2.7	1.5
HCM LOS	B	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	1084	-	-	601	35	551	1017	-	-
HCM Lane V/C Ratio	0.207	-	-	0.354	0.821	0.095	0.09	-	-
HCM Control Delay (s)	9.2	-	-	14.2	266.5	12.2	8.9	-	-
HCM Lane LOS	A	-	-	B	F	B	A	-	-
HCM 95th %tile Q(veh)	0.8	-	-	1.6	2.9	0.3	0.3	-	-

Intersection	
Int Delay, s/veh	1.7

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	68	79	49	666	610	34
Future Vol, veh/h	68	79	49	666	610	34
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	97	97	97	97	97	97
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	70	81	51	687	629	35

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1436	332	664	0	-	0
Stage 1	647	-	-	-	-	-
Stage 2	789	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	135	662	912	-	-	-
Stage 1	484	-	-	-	-	-
Stage 2	446	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	127	662	912	-	-	-
Mov Cap-2 Maneuver	326	-	-	-	-	-
Stage 1	457	-	-	-	-	-
Stage 2	446	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	14.8	0.6	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	912	-	326	662	-	-
HCM Lane V/C Ratio	0.055	-	0.215	0.123	-	-
HCM Control Delay (s)	9.2	-	19	11.2	-	-
HCM Lane LOS	A	-	C	B	-	-
HCM 95th %tile Q(veh)	0.2	-	0.8	0.4	-	-

Intersection	
Intersection Delay, s/veh	22
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	33	33	10	17	25	85	12	358	24	127	440	26
Future Vol, veh/h	33	33	10	17	25	85	12	358	24	127	440	26
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Heavy Vehicles, %	2	2	2	2	2	4	2	9	2	4	9	3
Mvmt Flow	35	35	11	18	27	90	13	381	26	135	468	28
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	11.4	11.6	21.7	25.7
HCM LOS	B	B	C	D

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	43%	13%	100%	0%
Vol Thru, %	0%	94%	43%	20%	0%	94%
Vol Right, %	0%	6%	13%	67%	0%	6%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	12	382	76	127	127	466
LT Vol	12	0	33	17	127	0
Through Vol	0	358	33	25	0	440
RT Vol	0	24	10	85	0	26
Lane Flow Rate	13	406	81	135	135	496
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.023	0.698	0.157	0.241	0.239	0.815
Departure Headway (Hd)	6.616	6.184	6.98	6.418	6.381	5.921
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	539	581	510	555	561	610
Service Time	4.382	3.95	5.075	4.504	4.139	3.678
HCM Lane V/C Ratio	0.024	0.699	0.159	0.243	0.241	0.813
HCM Control Delay	9.5	22.1	11.4	11.6	11.1	29.7
HCM Lane LOS	A	C	B	B	B	D
HCM 95th-tile Q	0.1	5.5	0.6	0.9	0.9	8.3

Intersection	
Int Delay, s/veh	19.2

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	81	205	186	276	337	108
Future Vol, veh/h	81	205	186	276	337	108
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	91	91	91	91	91	91
Heavy Vehicles, %	2	2	2	3	2	2
Mvmt Flow	89	225	204	303	370	119

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	204	0	-	0	607	204
Stage 1	-	-	-	-	204	-
Stage 2	-	-	-	-	403	-
Critical Hdwy	4.12	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1368	-	-	0	460	837
Stage 1	-	-	-	0	830	-
Stage 2	-	-	-	0	675	-
Platoon blocked, %			-	-		
Mov Cap-1 Maneuver	1368	-	-	-	430	837
Mov Cap-2 Maneuver	-	-	-	-	430	-
Stage 1	-	-	-	-	776	-
Stage 2	-	-	-	-	675	-

Approach	EB	WB	SB
HCM Control Delay, s	2.2	0	38.1
HCM LOS			E

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1368	-	-	430	837
HCM Lane V/C Ratio	0.065	-	-	0.861	0.142
HCM Control Delay (s)	7.8	-	-	47.1	10
HCM Lane LOS	A	-	-	E	B
HCM 95th %tile Q(veh)	0.2	-	-	8.6	0.5

Intersection	
Int Delay, s/veh	0.6

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	32	9	1	362	457	10
Future Vol, veh/h	32	9	1	362	457	10
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	500	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	2	2	9	9	2
Mvmt Flow	34	9	1	381	481	11

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	870	487	492	0	-	0
Stage 1	487	-	-	-	-	-
Stage 2	383	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	322	581	1071	-	-	-
Stage 1	618	-	-	-	-	-
Stage 2	689	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	322	581	1071	-	-	-
Mov Cap-2 Maneuver	512	-	-	-	-	-
Stage 1	617	-	-	-	-	-
Stage 2	689	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	12.5	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1071	-	526	-	-
HCM Lane V/C Ratio	0.001	-	0.082	-	-
HCM Control Delay (s)	8.4	-	12.5	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.3	-	-

Intersection	
Int Delay, s/veh	0.6

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	66	0	0	63	0	10
Future Vol, veh/h	66	0	0	63	0	10
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	72	0	0	68	0	11

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	72	0	140	72
Stage 1	-	-	-	-	72	-
Stage 2	-	-	-	-	68	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1528	-	853	990
Stage 1	-	-	-	-	951	-
Stage 2	-	-	-	-	955	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1528	-	853	990
Mov Cap-2 Maneuver	-	-	-	-	853	-
Stage 1	-	-	-	-	951	-
Stage 2	-	-	-	-	955	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	8.7
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	990	-	-	1528	-
HCM Lane V/C Ratio	0.011	-	-	-	-
HCM Control Delay (s)	8.7	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	0	-	-	0	-

Intersection	
Int Delay, s/veh	0.9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	5	104	0	8	174	0	0	0	12	0	0	0
Future Vol, veh/h	5	104	0	8	174	0	0	0	12	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	76	76	76	76	76	76	76	76	76	76	76	76
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	20	137	0	11	229	0	0	0	16	0	0	0

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	229	0	0	137	0	0	428	428	137	436	428	229
Stage 1	-	-	-	-	-	-	177	177	-	251	251	-
Stage 2	-	-	-	-	-	-	251	251	-	185	177	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.12	6.52	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	1339	-	-	1447	-	-	537	519	911	531	519	810
Stage 1	-	-	-	-	-	-	825	753	-	753	699	-
Stage 2	-	-	-	-	-	-	753	699	-	817	753	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1339	-	-	1447	-	-	527	506	911	512	506	810
Mov Cap-2 Maneuver	-	-	-	-	-	-	527	506	-	512	506	-
Stage 1	-	-	-	-	-	-	812	741	-	741	693	-
Stage 2	-	-	-	-	-	-	746	693	-	790	741	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	1	0.3	9	0
HCM LOS			A	A

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	911	1339	-	-	1447	-	-	-
HCM Lane V/C Ratio	0.017	0.015	-	-	0.007	-	-	-
HCM Control Delay (s)	9	7.7	0	-	7.5	0	-	0
HCM Lane LOS	A	A	A	-	A	A	-	A
HCM 95th %tile Q(veh)	0.1	0	-	-	0	-	-	-

Intersection	
Int Delay, s/veh	28.4

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	303	120	12	400	245	37
Future Vol, veh/h	303	120	12	400	245	37
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	175	100	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	80	80	80	80	80	80
Heavy Vehicles, %	12	10	2	7	2	9
Mvmt Flow	379	150	15	500	306	46

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	529	0	909	379
Stage 1	-	-	-	-	379	-
Stage 2	-	-	-	-	530	-
Critical Hdwy	-	-	4.12	-	6.42	6.29
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.381
Pot Cap-1 Maneuver	-	-	1038	-	~ 305	653
Stage 1	-	-	-	-	692	-
Stage 2	-	-	-	-	590	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1038	-	~ 301	653
Mov Cap-2 Maneuver	-	-	-	-	~ 301	-
Stage 1	-	-	-	-	692	-
Stage 2	-	-	-	-	582	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.2	112.3
HCM LOS			F

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	324	-	-	1038	-
HCM Lane V/C Ratio	1.088	-	-	0.014	-
HCM Control Delay (s)	112.3	-	-	8.5	-
HCM Lane LOS	F	-	-	A	-
HCM 95th %tile Q(veh)	13.4	-	-	0	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Intersection Delay, s/veh	14.3
Intersection LOS	B

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	212	115	214	70	107	208
Future Vol, veh/h	212	115	214	70	107	208
Peak Hour Factor	0.85	0.85	0.85	0.85	0.85	0.85
Heavy Vehicles, %	2	8	3	2	2	4
Mvmt Flow	249	135	252	82	126	245
Number of Lanes	0	1	1	0	1	1

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	2	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	2	1
HCM Control Delay	16.8	14	12.1
HCM LOS	C	B	B

Lane	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	65%	0%	100%	0%
Vol Thru, %	35%	75%	0%	0%
Vol Right, %	0%	25%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	327	284	107	208
LT Vol	212	0	107	0
Through Vol	115	214	0	0
RT Vol	0	70	0	208
Lane Flow Rate	385	334	126	245
Geometry Grp	2	2	7	7
Degree of Util (X)	0.601	0.506	0.243	0.392
Departure Headway (Hd)	5.621	5.456	6.96	5.774
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	642	658	516	622
Service Time	3.663	3.5	4.708	3.522
HCM Lane V/C Ratio	0.6	0.508	0.244	0.394
HCM Control Delay	16.8	14	11.9	12.2
HCM Lane LOS	C	B	B	B
HCM 95th-tile Q	4	2.9	0.9	1.9

Intersection	
Intersection Delay, s/veh	15.7
Intersection LOS	C

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	144	186	127	172	179	179
Future Vol, veh/h	144	186	127	172	179	179
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	173	224	153	207	216	216
Number of Lanes	1	0	0	1	1	1

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	17.9	17.5	12.1
HCM LOS	C	C	B

Lane	NBLn1	EBLn1	SBLn1	SBLn2
Vol Left, %	42%	44%	0%	0%
Vol Thru, %	58%	0%	100%	0%
Vol Right, %	0%	56%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	299	330	179	179
LT Vol	127	144	0	0
Through Vol	172	0	179	0
RT Vol	0	186	0	179
Lane Flow Rate	360	398	216	216
Geometry Grp	5	2	7	7
Degree of Util (X)	0.596	0.627	0.378	0.335
Departure Headway (Hd)	5.954	5.68	6.307	5.594
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	605	632	569	641
Service Time	4.014	3.739	4.071	3.358
HCM Lane V/C Ratio	0.595	0.63	0.38	0.337
HCM Control Delay	17.5	17.9	12.9	11.2
HCM Lane LOS	C	C	B	B
HCM 95th-tile Q	3.9	4.4	1.8	1.5

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	177	315	418	75	166	432
Future Volume (veh/h)	177	315	418	75	166	432
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1826	1781	1767	1826	1767	1767
Adj Flow Rate, veh/h	192	342	454	82	180	470
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	8	9	5	9	9
Cap, veh/h	406	560	570	499	232	988
Arrive On Green	0.23	0.23	0.32	0.32	0.14	0.56
Sat Flow, veh/h	1739	1510	1767	1547	1682	1767
Grp Volume(v), veh/h	192	342	454	82	180	470
Grp Sat Flow(s),veh/h/ln	1739	1510	1767	1547	1682	1767
Q Serve(g_s), s	4.9	9.5	12.1	2.0	5.3	8.2
Cycle Q Clear(g_c), s	4.9	9.5	12.1	2.0	5.3	8.2
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	406	560	570	499	232	988
V/C Ratio(X)	0.47	0.61	0.80	0.16	0.78	0.48
Avail Cap(c_a), veh/h	475	621	1034	906	649	1685
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	17.0	13.2	15.9	12.5	21.5	6.8
Incr Delay (d2), s/veh	0.9	1.5	2.6	0.2	5.5	0.4
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.8	2.9	4.2	0.6	2.1	1.9
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	17.9	14.7	18.5	12.7	27.0	7.2
LnGrp LOS	B	B	B	B	C	A
Approach Vol, veh/h	534		536			650
Approach Delay, s/veh	15.8		17.6			12.7
Approach LOS	B		B			B

Timer - Assigned Phs	1	2				6	8
Phs Duration (G+Y+Rc), s	12.2	22.4				34.6	16.9
Change Period (Y+Rc), s	5.1	5.8				5.8	4.9
Max Green Setting (Gmax), s	19.9	30.2				49.2	14.1
Max Q Clear Time (g_c+I1), s	7.3	14.1				10.2	11.5
Green Ext Time (p_c), s	0.4	2.5				2.9	0.6

Intersection Summary	
HCM 6th Ctrl Delay	15.2
HCM 6th LOS	B

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	192	342	454	82	180	470
v/c Ratio	0.59	0.40	0.75	0.14	0.52	0.42
Control Delay	33.8	5.7	27.2	4.9	29.7	6.9
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	33.8	5.7	27.2	4.9	29.7	6.9
Queue Length 50th (ft)	64	22	144	0	60	76
Queue Length 95th (ft)	#160	81	284	26	135	129
Internal Link Dist (ft)	1033		859			663
Turn Bay Length (ft)	165			405	405	
Base Capacity (vph)	419	1038	945	842	591	1588
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.46	0.33	0.48	0.10	0.30	0.30

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

1: Tinloy St /Tinloy St & Neal St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	0.2	0.0	0.1
Total Del/Veh (s)	7.9	14.3	5.1	8.2

2: SR 49 On-Ramp/Tinloy St & Auburn St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.4	1.1	0.0	0.5
Total Del/Veh (s)	5.7	8.1	12.6	8.7

3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.2	0.0	0.4	0.2
Total Del/Veh (s)	9.6	9.1	1.6	6.3

8: Main St & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	1.5	2.1	1.1
Total Del/Veh (s)	22.2	9.4	17.0	15.4	13.4

9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.0	0.6	2.8	0.7
Total Del/Veh (s)	14.4	14.8	19.9	37.5	20.5

10: Brunswick Rd & SR 49/20 EB On Ramp Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	8.7	9.7	26.6	13.8

11: Sutton Way & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.5	1.5	0.0	0.4
Total Del/Veh (s)	16.0	32.8	27.8	11.4	21.8

22: SR 49 EB Ramps & Dorsey Dr Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.5	2.6	0.9
Total Del/Veh (s)	13.9	14.7	13.4	14.0

23: Dorsey Dr & Sr 49 WB Ramps Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	2.6	0.0	0.2	1.2
Total Del/Veh (s)	19.4	11.6	16.1	15.9

Total Zone Performance

Denied Del/Veh (s)	1.4
Total Del/Veh (s)	675.1

Intersection: 1: Tinloy St /Tinloy St & Neal St

Movement	EB	WB	SB	SB
Directions Served	TR	LT	LT	TR
Maximum Queue (ft)	104	148	94	86
Average Queue (ft)	62	72	43	39
95th Queue (ft)	103	126	77	73
Link Distance (ft)	93	1538	960	960
Upstream Blk Time (%)	3			
Queuing Penalty (veh)	8			
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 2: SR 49 On-Ramp/Tinloy St & Auburn St

Movement	EB	WB	WB	SB	SB
Directions Served	TR	LT	T	LT	TR
Maximum Queue (ft)	125	117	159	116	108
Average Queue (ft)	68	33	65	62	50
95th Queue (ft)	109	78	117	103	90
Link Distance (ft)	135		897	99	99
Upstream Blk Time (%)	0			1	1
Queuing Penalty (veh)	0			2	1
Storage Bay Dist (ft)		100			
Storage Blk Time (%)		0	1		
Queuing Penalty (veh)		0	2		

Intersection: 3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp

Movement	WB	WB	NB	NB	SB
Directions Served	LT	TR	L	T	TR
Maximum Queue (ft)	143	136	39	72	34
Average Queue (ft)	70	56	17	35	4
95th Queue (ft)	115	98	42	56	20
Link Distance (ft)	1196	1196		262	402
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)			100		
Storage Blk Time (%)				0	
Queuing Penalty (veh)				0	

Intersection: 8: Main St & Brunswick Rd

Movement	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	LTR	L	LT	R	L	T	R	L	L	TR
Maximum Queue (ft)	48	110	104	174	22	222	139	212	228	146
Average Queue (ft)	15	44	49	89	1	97	67	73	113	61
95th Queue (ft)	42	87	88	163	10	177	132	166	193	116
Link Distance (ft)	777	160	160	160		1486				1622
Upstream Blk Time (%)		0	0	1						
Queuing Penalty (veh)		0	0	2						
Storage Bay Dist (ft)					115		115	360	360	
Storage Blk Time (%)						4	2	0	0	
Queuing Penalty (veh)						7	4	0	0	

Intersection: 9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd

Movement	EB	EB	WB	WB	WB	NB	NB	SB	SB	SB	SB
Directions Served	T	TR	L	T	T	LT	R	L	L	T	R
Maximum Queue (ft)	171	190	102	175	180	97	163	196	210	134	131
Average Queue (ft)	99	132	69	73	100	31	73	96	133	28	52
95th Queue (ft)	178	203	108	157	180	73	131	175	194	87	97
Link Distance (ft)	160	160		103	103		1666			1351	
Upstream Blk Time (%)	1	7	2	4	7						
Queuing Penalty (veh)	4	23	0	16	26						
Storage Bay Dist (ft)			140			100		240	240		240
Storage Blk Time (%)			2	4		0	4	0	0	0	
Queuing Penalty (veh)			7	6		1	1	0	0	0	

Intersection: 10: Brunswick Rd & SR 49/20 EB On Ramp

Movement	EB	EB	WB	WB	WB	NB	NB	B52
Directions Served	T	TR	T	T	R	<	R	T
Maximum Queue (ft)	151	151	233	310	208	223	239	378
Average Queue (ft)	63	65	73	97	12	154	168	107
95th Queue (ft)	131	132	179	230	110	231	257	361
Link Distance (ft)	456	456	334	334	334	145	145	915
Upstream Blk Time (%)			0	0	0	16	24	
Queuing Penalty (veh)			0	0	0	0	0	
Storage Bay Dist (ft)								
Storage Blk Time (%)								
Queuing Penalty (veh)								

Intersection: 11: Sutton Way & Brunswick Rd

Movement	EB	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB
Directions Served	L	L	T	T	R	UL	T	TR	L	L	TR	L
Maximum Queue (ft)	125	143	201	212	203	157	281	348	223	299	205	144
Average Queue (ft)	62	79	103	109	92	78	129	200	83	164	84	58
95th Queue (ft)	110	124	171	179	159	135	221	310	187	259	166	110
Link Distance (ft)			334	334			1884	1884		1476		229
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	240	240			240	120			280		280	
Storage Blk Time (%)			0	0	0	2	7		0	1		
Queuing Penalty (veh)			0	0	0	6	10		0	2		

Intersection: 11: Sutton Way & Brunswick Rd

Movement	SB
Directions Served	T
Maximum Queue (ft)	112
Average Queue (ft)	48
95th Queue (ft)	90
Link Distance (ft)	229
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 22: SR 49 EB Ramps & Dorsey Dr

Movement	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	T	T	TR	L	LT	R
Maximum Queue (ft)	175	221	140	153	173	96	133	127
Average Queue (ft)	84	102	59	53	72	40	59	53
95th Queue (ft)	150	195	116	110	136	79	108	96
Link Distance (ft)	211	211		1564	1564		800	
Upstream Blk Time (%)	0	1						
Queuing Penalty (veh)	0	3						
Storage Bay Dist (ft)			140			220		220
Storage Blk Time (%)			0	0				0
Queuing Penalty (veh)			0	0				0

Intersection: 23: Dorsey Dr & Sr 49 WB Ramps

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	R	L	T	T	LT	R
Maximum Queue (ft)	446	179	209	125	116	207	77
Average Queue (ft)	180	107	109	40	38	96	34
95th Queue (ft)	377	205	183	94	89	165	60
Link Distance (ft)	548		211	211	211	1120	1120
Upstream Blk Time (%)	1		0	0			
Queuing Penalty (veh)	0		1	0			
Storage Bay Dist (ft)		155					
Storage Blk Time (%)	10	1					
Queuing Penalty (veh)	37	5					

Zone Summary

Zone wide Queuing Penalty: 153

MOVEMENT SUMMARY

Site: 5 [Main St / Idaho Maryland Rd]

EPAP plus Project 1530-1630 PM
To Centennial
Site Category: (None)
Roundabout

Movement Performance - Vehicles												
Mov ID	Turn	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: SR 49 Ramps												
3	L2	59	3.0	0.224	6.3	LOS A	1.0	25.7	0.53	0.45	0.53	33.7
8	T1	54	3.0	0.224	6.3	LOS A	1.0	25.7	0.53	0.45	0.53	33.6
18	R2	86	3.0	0.224	6.3	LOS A	1.0	25.7	0.53	0.45	0.53	32.7
Approach		200	3.0	0.224	6.3	LOS A	1.0	25.7	0.53	0.45	0.53	33.2
East: Idaho Maryland Rd												
1	L2	343	3.0	0.331	6.9	LOS A	1.6	40.4	0.49	0.40	0.49	31.7
6	T1	214	3.0	0.406	7.8	LOS A	2.1	53.3	0.53	0.43	0.53	33.6
16	R2	208	3.0	0.406	7.8	LOS A	2.1	53.3	0.53	0.43	0.53	32.6
Approach		765	3.0	0.406	7.4	LOS A	2.1	53.3	0.51	0.42	0.51	32.5
North: Main St												
7	L2	92	3.0	0.400	9.4	LOS A	2.0	50.6	0.63	0.68	0.77	32.3
4	T1	230	3.0	0.400	9.4	LOS A	2.0	50.6	0.63	0.68	0.77	32.2
14	R2	310	3.0	0.191	0.0	LOS A	0.0	0.0	0.00	0.00	0.00	37.2
Approach		632	3.0	0.400	4.8	LOS A	2.0	50.6	0.32	0.35	0.39	34.5
West: Main St												
5	L2	194	3.0	0.437	10.4	LOS B	2.3	59.5	0.66	0.74	0.89	31.1
2	T1	102	3.0	0.437	10.4	LOS B	2.3	59.5	0.66	0.74	0.89	31.1
12	R2	41	3.0	0.437	10.4	LOS B	2.3	59.5	0.66	0.74	0.89	30.3
Approach		336	3.0	0.437	10.4	LOS B	2.3	59.5	0.66	0.74	0.89	31.0
All Vehicles		1933	3.0	0.437	7.0	LOS A	2.3	59.5	0.48	0.45	0.54	32.9

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Signalised Intersections.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Intersection	
Intersection Delay, s/veh	10.2
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	28	181	5	0	0	0	0	62	62	115	200	0
Future Vol, veh/h	28	181	5	0	0	0	0	62	62	115	200	0
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	31	201	6	0	0	0	0	69	69	128	222	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	10	9.7	10.5
HCM LOS	A	A	B

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	24%	0%	100%	0%
Vol Thru, %	50%	76%	95%	0%	100%
Vol Right, %	50%	0%	5%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	124	119	96	115	200
LT Vol	0	28	0	115	0
Through Vol	62	91	91	0	200
RT Vol	62	0	5	0	0
Lane Flow Rate	138	132	106	128	222
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.203	0.215	0.168	0.207	0.329
Departure Headway (Hd)	5.304	5.866	5.71	5.839	5.335
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	672	608	624	612	671
Service Time	3.376	3.638	3.482	3.603	3.1
HCM Lane V/C Ratio	0.205	0.217	0.17	0.209	0.331
HCM Control Delay	9.7	10.3	9.6	10.1	10.7
HCM Lane LOS	A	B	A	B	B
HCM 95th-tile Q	0.8	0.8	0.6	0.8	1.4

Intersection	
Intersection Delay, s/veh	10.6
Intersection LOS	B

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	111	35	21	295	82	122
Future Vol, veh/h	111	35	21	295	82	122
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83
Heavy Vehicles, %	4	6	2	12	6	28
Mvmt Flow	134	42	25	355	99	147
Number of Lanes	1	0	0	2	1	1

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	2	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	2	0	2
HCM Control Delay	10.4	10.9	10.3
HCM LOS	B	B	B

Lane	NBLn1	NBLn2	EBLn1	WBLn1	WBLn2
Vol Left, %	100%	0%	0%	18%	0%
Vol Thru, %	0%	0%	76%	82%	100%
Vol Right, %	0%	100%	24%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	82	122	146	119	197
LT Vol	82	0	0	21	0
Through Vol	0	0	111	98	197
RT Vol	0	122	35	0	0
Lane Flow Rate	99	147	176	144	237
Geometry Grp	7	7	4	7	7
Degree of Util (X)	0.178	0.23	0.262	0.22	0.368
Departure Headway (Hd)	6.471	5.638	5.364	5.504	5.587
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	550	631	663	647	640
Service Time	4.264	3.43	3.449	3.281	3.364
HCM Lane V/C Ratio	0.18	0.233	0.265	0.223	0.37
HCM Control Delay	10.7	10.1	10.4	9.8	11.6
HCM Lane LOS	B	B	B	A	B
HCM 95th-tile Q	0.6	0.9	1	0.8	1.7

Intersection	
Intersection Delay, s/veh	9.3
Intersection LOS	A

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	216	8	2	266	27	12
Future Vol, veh/h	216	8	2	266	27	12
Peak Hour Factor	0.82	0.82	0.82	0.82	0.82	0.82
Heavy Vehicles, %	39	4	2	7	5	2
Mvmt Flow	253	9	2	311	32	14
Number of Lanes	2	0	0	2	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	2	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	2
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	1	0	2
HCM Control Delay	9.5	9.3	8.6
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2
Vol Left, %	69%	0%	0%	2%	0%
Vol Thru, %	0%	100%	90%	98%	100%
Vol Right, %	31%	0%	10%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	39	144	80	91	177
LT Vol	27	0	0	2	0
Through Vol	0	144	72	89	177
RT Vol	12	0	8	0	0
Lane Flow Rate	46	169	94	106	208
Geometry Grp	2	7	7	7	7
Degree of Util (X)	0.066	0.26	0.127	0.144	0.287
Departure Headway (Hd)	5.241	5.548	4.88	4.898	4.973
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	684	649	736	733	725
Service Time	3.273	3.267	2.6	2.617	2.691
HCM Lane V/C Ratio	0.067	0.26	0.128	0.145	0.287
HCM Control Delay	8.6	10.2	8.3	8.4	9.7
HCM Lane LOS	A	B	A	A	A
HCM 95th-tile Q	0.2	1	0.4	0.5	1.2

Intersection	
Int Delay, s/veh	4.6

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	139	22	0	36	104	206	26	63	276	1
Future Vol, veh/h	0	0	139	22	0	36	104	206	26	63	276	1
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	0	550	-	-	120	-	150
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	5	2	2	2	4	5	2	2	12	2
Mvmt Flow	0	0	154	24	0	40	116	229	29	70	307	1

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	-	937	307	1001	924	244	308	0	0	258	0	0
Stage 1	-	447	-	476	476	-	-	-	-	-	-	-
Stage 2	-	490	-	525	448	-	-	-	-	-	-	-
Critical Hdwy	-	6.52	6.25	7.12	6.52	6.22	4.14	-	-	4.12	-	-
Critical Hdwy Stg 1	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	-	4.018	3.345	3.518	4.018	3.318	2.236	-	-	2.218	-	-
Pot Cap-1 Maneuver	0	265	726	222	269	795	1241	-	-	1307	-	-
Stage 1	0	573	-	570	557	-	-	-	-	-	-	-
Stage 2	0	549	-	536	573	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	-	227	726	156	231	795	1241	-	-	1307	-	-
Mov Cap-2 Maneuver	-	227	-	156	231	-	-	-	-	-	-	-
Stage 1	-	542	-	517	505	-	-	-	-	-	-	-
Stage 2	-	498	-	399	542	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	11.3	18.3	2.5	1.5
HCM LOS	B	C		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	1241	-	-	726	156	795	1307	-	-
HCM Lane V/C Ratio	0.093	-	-	0.213	0.157	0.05	0.054	-	-
HCM Control Delay (s)	8.2	-	-	11.3	32.3	9.8	7.9	-	-
HCM Lane LOS	A	-	-	B	D	A	A	-	-
HCM 95th %tile Q(veh)	0.3	-	-	0.8	0.5	0.2	0.2	-	-

Intersection	
Int Delay, s/veh	1

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	19	41	16	313	432	13
Future Vol, veh/h	19	41	16	313	432	13
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	86	86	86	86	86	86
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	22	48	19	364	502	15

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	912	259	517	0	-	0
Stage 1	510	-	-	-	-	-
Stage 2	402	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	288	738	1035	-	-	-
Stage 1	569	-	-	-	-	-
Stage 2	675	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	283	738	1035	-	-	-
Mov Cap-2 Maneuver	472	-	-	-	-	-
Stage 1	559	-	-	-	-	-
Stage 2	675	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	11.1	0.4	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	1035	-	472	738	-	-
HCM Lane V/C Ratio	0.018	-	0.047	0.065	-	-
HCM Control Delay (s)	8.5	-	13	10.2	-	-
HCM Lane LOS	A	-	B	B	-	-
HCM 95th %tile Q(veh)	0.1	-	0.1	0.2	-	-

Intersection	
Intersection Delay, s/veh	12.8
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	22	26	10	11	17	43	11	220	12	89	328	17
Future Vol, veh/h	22	26	10	11	17	43	11	220	12	89	328	17
Peak Hour Factor	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
Heavy Vehicles, %	2	2	2	2	2	4	2	9	2	4	9	3
Mvmt Flow	25	30	11	13	20	49	13	253	14	102	377	20
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	9.8	9.5	12.1	14.2
HCM LOS	A	A	B	B

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	38%	15%	100%	0%
Vol Thru, %	0%	95%	45%	24%	0%	95%
Vol Right, %	0%	5%	17%	61%	0%	5%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	11	232	58	71	89	345
LT Vol	11	0	22	11	89	0
Through Vol	0	220	26	17	0	328
RT Vol	0	12	10	43	0	17
Lane Flow Rate	13	267	67	82	102	397
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.021	0.417	0.111	0.128	0.163	0.584
Departure Headway (Hd)	6.057	5.635	5.992	5.655	5.75	5.298
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	595	643	601	637	617	674
Service Time	3.757	3.335	4.006	3.669	3.549	3.096
HCM Lane V/C Ratio	0.022	0.415	0.111	0.129	0.165	0.589
HCM Control Delay	8.9	12.3	9.8	9.5	9.7	15.4
HCM Lane LOS	A	B	A	A	A	C
HCM 95th-tile Q	0.1	2.1	0.4	0.4	0.6	3.8

Intersection	
Int Delay, s/veh	7.4

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	27	134	79	171	239	47
Future Vol, veh/h	27	134	79	171	239	47
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	89	89	89	89	89	89
Heavy Vehicles, %	2	2	2	3	2	2
Mvmt Flow	30	151	89	192	269	53

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	89	0	-	0	300	89
Stage 1	-	-	-	-	89	-
Stage 2	-	-	-	-	211	-
Critical Hdwy	4.12	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1506	-	-	0	691	969
Stage 1	-	-	-	0	934	-
Stage 2	-	-	-	0	824	-
Platoon blocked, %			-	-		
Mov Cap-1 Maneuver	1506	-	-	-	677	969
Mov Cap-2 Maneuver	-	-	-	-	677	-
Stage 1	-	-	-	-	915	-
Stage 2	-	-	-	-	824	-

Approach	EB	WB	SB
HCM Control Delay, s	1.2	0	13
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1506	-	-	677	969
HCM Lane V/C Ratio	0.02	-	-	0.397	0.054
HCM Control Delay (s)	7.4	-	-	13.8	8.9
HCM Lane LOS	A	-	-	B	A
HCM 95th %tile Q(veh)	0.1	-	-	1.9	0.2

Intersection	
Int Delay, s/veh	1.5

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	54	14	14	189	285	64
Future Vol, veh/h	54	14	14	189	285	64
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	500	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	86	86	86	86	86	86
Heavy Vehicles, %	2	2	2	9	9	2
Mvmt Flow	63	16	16	220	331	74

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	620	368	405	0	-	0
Stage 1	368	-	-	-	-	-
Stage 2	252	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	452	677	1154	-	-	-
Stage 1	700	-	-	-	-	-
Stage 2	790	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	446	677	1154	-	-	-
Mov Cap-2 Maneuver	602	-	-	-	-	-
Stage 1	690	-	-	-	-	-
Stage 2	790	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	11.7	0.6	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1154	-	616	-	-
HCM Lane V/C Ratio	0.014	-	0.128	-	-
HCM Control Delay (s)	8.2	-	11.7	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.4	-	-

Intersection	
Int Delay, s/veh	0.8

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	48	0	0	45	0	10
Future Vol, veh/h	48	0	0	45	0	10
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	52	0	0	49	0	11

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	52	0	101	52
Stage 1	-	-	-	-	52	-
Stage 2	-	-	-	-	49	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1554	-	898	1016
Stage 1	-	-	-	-	970	-
Stage 2	-	-	-	-	973	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1554	-	898	1016
Mov Cap-2 Maneuver	-	-	-	-	898	-
Stage 1	-	-	-	-	970	-
Stage 2	-	-	-	-	973	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	8.6
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	1016	-	-	1554	-
HCM Lane V/C Ratio	0.011	-	-	-	-
HCM Control Delay (s)	8.6	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	0	-	-	0	-

Intersection	
Int Delay, s/veh	1.2

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	0	56	0	8	55	0	0	0	12	0	0	0
Future Vol, veh/h	0	56	0	8	55	0	0	0	12	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	78	78	78	78	78	78	78	78	78	78	78	78
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	72	0	10	71	0	0	0	15	0	0	0

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	71	0	0	72	0	0	163	163	72	171	163	71
Stage 1	-	-	-	-	-	-	72	72	-	91	91	-
Stage 2	-	-	-	-	-	-	91	91	-	80	72	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.12	6.52	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	1529	-	-	1528	-	-	802	729	990	792	729	991
Stage 1	-	-	-	-	-	-	938	835	-	916	820	-
Stage 2	-	-	-	-	-	-	916	820	-	929	835	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1529	-	-	1528	-	-	798	724	990	775	724	991
Mov Cap-2 Maneuver	-	-	-	-	-	-	798	724	-	775	724	-
Stage 1	-	-	-	-	-	-	938	835	-	916	814	-
Stage 2	-	-	-	-	-	-	910	814	-	915	835	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0.9	8.7	0
HCM LOS			A	A

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	990	1529	-	-	1528	-	-	-
HCM Lane V/C Ratio	0.016	-	-	-	0.007	-	-	-
HCM Control Delay (s)	8.7	0	-	-	7.4	0	-	0
HCM Lane LOS	A	A	-	-	A	A	-	A
HCM 95th %tile Q(veh)	0	0	-	-	0	-	-	-

Intersection	
Int Delay, s/veh	1.6

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	122	34	3	122	35	11
Future Vol, veh/h	122	34	3	122	35	11
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	175	100	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	71	71	71	71	71	71
Heavy Vehicles, %	12	10	2	7	2	9
Mvmt Flow	172	48	4	172	49	15

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	220	0	352	172
Stage 1	-	-	-	-	172	-
Stage 2	-	-	-	-	180	-
Critical Hdwy	-	-	4.12	-	6.42	6.29
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.381
Pot Cap-1 Maneuver	-	-	1349	-	646	854
Stage 1	-	-	-	-	858	-
Stage 2	-	-	-	-	851	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1349	-	644	854
Mov Cap-2 Maneuver	-	-	-	-	644	-
Stage 1	-	-	-	-	858	-
Stage 2	-	-	-	-	848	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.2	10.8
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	684	-	-	1349	-
HCM Lane V/C Ratio	0.095	-	-	0.003	-
HCM Control Delay (s)	10.8	-	-	7.7	-
HCM Lane LOS	B	-	-	A	-
HCM 95th %tile Q(veh)	0.3	-	-	0	-

Intersection	
Intersection Delay, s/veh	8.5
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	68	58	52	25	29	66
Future Vol, veh/h	68	58	52	25	29	66
Peak Hour Factor	0.66	0.66	0.66	0.66	0.66	0.66
Heavy Vehicles, %	2	8	3	2	2	4
Mvmt Flow	103	88	79	38	44	100
Number of Lanes	0	1	1	0	1	1

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	2	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	2	1
HCM Control Delay	9	8	8.3
HCM LOS	A	A	A

Lane	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	54%	0%	100%	0%
Vol Thru, %	46%	68%	0%	0%
Vol Right, %	0%	32%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	126	77	29	66
LT Vol	68	0	29	0
Through Vol	58	52	0	0
RT Vol	0	25	0	66
Lane Flow Rate	191	117	44	100
Geometry Grp	2	2	7	7
Degree of Util (X)	0.24	0.14	0.07	0.127
Departure Headway (Hd)	4.519	4.322	5.734	4.561
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	796	831	626	786
Service Time	2.537	2.342	3.46	2.287
HCM Lane V/C Ratio	0.24	0.141	0.07	0.127
HCM Control Delay	9	8	8.9	8
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.9	0.5	0.2	0.4

Intersection	
Intersection Delay, s/veh	9.3
Intersection LOS	A

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	86	135	47	62	50	64
Future Vol, veh/h	86	135	47	62	50	64
Peak Hour Factor	0.75	0.75	0.75	0.75	0.75	0.75
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	115	180	63	83	67	85
Number of Lanes	1	0	0	1	1	1

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	9.8	9.3	8.3
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	SBLn1	SBLn2
Vol Left, %	43%	39%	0%	0%
Vol Thru, %	57%	0%	100%	0%
Vol Right, %	0%	61%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	109	221	50	64
LT Vol	47	86	0	0
Through Vol	62	0	50	0
RT Vol	0	135	0	64
Lane Flow Rate	145	295	67	85
Geometry Grp	5	2	7	7
Degree of Util (X)	0.201	0.357	0.099	0.11
Departure Headway (Hd)	4.978	4.358	5.355	4.649
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	718	825	667	768
Service Time	3.025	2.389	3.103	2.397
HCM Lane V/C Ratio	0.202	0.358	0.1	0.111
HCM Control Delay	9.3	9.8	8.7	8
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.7	1.6	0.3	0.4

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	42	50	272	23	102	404
Future Volume (veh/h)	42	50	272	23	102	404
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1826	1781	1767	1826	1767	1767
Adj Flow Rate, veh/h	46	54	296	25	111	439
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	8	9	5	9	9
Cap, veh/h	165	296	477	418	170	960
Arrive On Green	0.09	0.09	0.27	0.27	0.10	0.54
Sat Flow, veh/h	1739	1510	1767	1547	1682	1767
Grp Volume(v), veh/h	46	54	296	25	111	439
Grp Sat Flow(s),veh/h/ln	1739	1510	1767	1547	1682	1767
Q Serve(g_s), s	0.7	0.9	4.3	0.4	1.9	4.5
Cycle Q Clear(g_c), s	0.7	0.9	4.3	0.4	1.9	4.5
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	165	296	477	418	170	960
V/C Ratio(X)	0.28	0.18	0.62	0.06	0.65	0.46
Avail Cap(c_a), veh/h	829	872	1804	1580	1132	2939
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	12.4	9.9	9.5	8.0	12.8	4.1
Incr Delay (d2), s/veh	0.9	0.3	1.3	0.1	4.2	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.3	0.2	1.0	0.1	0.6	0.2
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	13.4	10.2	10.8	8.1	17.0	4.4
LnGrp LOS	B	B	B	A	B	A
Approach Vol, veh/h	100		321			550
Approach Delay, s/veh	11.7		10.6			7.0
Approach LOS	B		B			A

Timer - Assigned Phs	1	2			6	8
Phs Duration (G+Y+Rc), s	8.1	13.8			21.9	7.7
Change Period (Y+Rc), s	5.1	5.8			5.8	4.9
Max Green Setting (Gmax), s	19.3	30.2			49.2	14.1
Max Q Clear Time (g_c+I1), s	3.9	6.3			6.5	2.9
Green Ext Time (p_c), s	0.2	1.6			2.7	0.2

Intersection Summary	
HCM 6th Ctrl Delay	8.6
HCM 6th LOS	A

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	46	54	296	25	111	439
v/c Ratio	0.10	0.08	0.38	0.04	0.22	0.30
Control Delay	17.9	3.3	12.9	6.2	16.3	3.4
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	17.9	3.3	12.9	6.2	16.3	3.4
Queue Length 50th (ft)	6	0	33	0	14	0
Queue Length 95th (ft)	38	14	137	13	68	95
Internal Link Dist (ft)	1021		867			623
Turn Bay Length (ft)	165			405	405	
Base Capacity (vph)	869	1141	1493	1273	1085	1804
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.05	0.05	0.20	0.02	0.10	0.24

Intersection Summary

1: Tinloy St /Tinloy St & Neal St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	0.2	0.0	0.0
Total Del/Veh (s)	6.6	11.6	4.7	7.1

2: SR 49 On-Ramp/Tinloy St & Auburn St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.3	1.2	0.0	0.5
Total Del/Veh (s)	5.2	6.6	10.4	7.0

3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	0.3	0.2
Total Del/Veh (s)	6.3	7.8	0.9	4.0

8: Main St & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	1.5	2.1	1.1
Total Del/Veh (s)	16.3	6.4	11.4	9.8	9.0

9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.0	0.5	2.9	0.7
Total Del/Veh (s)	8.7	13.4	13.3	36.6	17.0

10: Brunswick Rd & SR 49/20 EB On Ramp Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.3	4.7	24.4	9.3

11: Sutton Way & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.6	1.5	0.0	0.4
Total Del/Veh (s)	8.8	15.2	12.9	3.4	9.4

22: SR 49 EB Ramps & Dorsey Dr Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.5	2.7	1.1
Total Del/Veh (s)	10.0	9.2	5.8	8.3

23: Dorsey Dr & Sr 49 WB Ramps Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	1.7	0.0	0.1	0.6
Total Del/Veh (s)	6.7	7.4	8.6	7.4

Total Zone Performance

Denied Del/Veh (s)	1.2
Total Del/Veh (s)	191.3

Intersection: 1: Tinloy St /Tinloy St & Neal St

Movement	EB	WB	SB	SB
Directions Served	TR	LT	LT	TR
Maximum Queue (ft)	103	109	75	70
Average Queue (ft)	58	49	29	27
95th Queue (ft)	99	92	60	56
Link Distance (ft)	93	1538	960	960
Upstream Blk Time (%)	2			
Queuing Penalty (veh)	5			
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 2: SR 49 On-Ramp/Tinloy St & Auburn St

Movement	EB	WB	WB	SB	SB
Directions Served	TR	LT	T	LT	TR
Maximum Queue (ft)	114	63	83	91	75
Average Queue (ft)	61	23	39	43	31
95th Queue (ft)	101	52	73	75	62
Link Distance (ft)	135		897	99	99
Upstream Blk Time (%)	0			0	0
Queuing Penalty (veh)	0			0	0
Storage Bay Dist (ft)		100			
Storage Blk Time (%)		0	0		
Queuing Penalty (veh)		0	0		

Intersection: 3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp

Movement	WB	WB	NB	NB	SB
Directions Served	LT	TR	L	T	TR
Maximum Queue (ft)	84	72	31	58	13
Average Queue (ft)	43	37	7	28	1
95th Queue (ft)	70	58	28	47	6
Link Distance (ft)	1196	1196		262	402
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)			100		
Storage Blk Time (%)					
Queuing Penalty (veh)					

Intersection: 8: Main St & Brunswick Rd

Movement	EB	WB	WB	WB	NB	NB	SB	SB	SB
Directions Served	LTR	L	LT	R	T	R	L	L	TR
Maximum Queue (ft)	48	53	73	109	121	74	92	133	93
Average Queue (ft)	16	22	31	38	51	31	24	64	31
95th Queue (ft)	42	45	64	82	94	60	66	109	69
Link Distance (ft)	777	160	160	160	1486				1622
Upstream Blk Time (%)				0					
Queuing Penalty (veh)				0					
Storage Bay Dist (ft)						115	360	360	
Storage Blk Time (%)					0				
Queuing Penalty (veh)					0				

Intersection: 9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd

Movement	EB	EB	WB	WB	WB	NB	NB	SB	SB	SB	SB
Directions Served	T	TR	L	T	T	LT	R	L	L	T	R
Maximum Queue (ft)	136	161	101	135	144	58	104	152	171	55	70
Average Queue (ft)	36	69	52	31	44	20	48	42	91	18	31
95th Queue (ft)	97	137	94	96	108	51	82	104	149	48	58
Link Distance (ft)	160	160		103	103		1666			1351	
Upstream Blk Time (%)	0	0	1	1	1						
Queuing Penalty (veh)	0	0	0	3	2						
Storage Bay Dist (ft)			140			100		240	240		240
Storage Blk Time (%)			1	1			0	0	0		
Queuing Penalty (veh)			1	1			0	0	0		

Intersection: 10: Brunswick Rd & SR 49/20 EB On Ramp

Movement	EB	EB	WB	WB	NB	NB	B52
Directions Served	T	TR	T	T	<	R	T
Maximum Queue (ft)	64	90	51	69	215	123	91
Average Queue (ft)	11	18	6	8	117	53	5
95th Queue (ft)	40	56	27	38	196	95	40
Link Distance (ft)	456	456	334	334	145	145	915
Upstream Blk Time (%)					6	0	
Queuing Penalty (veh)					0	0	
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 11: Sutton Way & Brunswick Rd

Movement	EB	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB
Directions Served	L	L	T	T	R	UL	T	TR	L	L	TR	L
Maximum Queue (ft)	66	74	118	111	110	83	104	139	75	142	97	68
Average Queue (ft)	20	35	45	50	50	37	43	58	20	67	36	27
95th Queue (ft)	54	66	93	88	89	70	82	110	55	114	72	56
Link Distance (ft)			334	334			1884	1884		1476		229
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	240	240			240	120			280		280	
Storage Blk Time (%)							0					
Queuing Penalty (veh)							0					

Intersection: 11: Sutton Way & Brunswick Rd

Movement	SB
Directions Served	T
Maximum Queue (ft)	65
Average Queue (ft)	25
95th Queue (ft)	57
Link Distance (ft)	229
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 22: SR 49 EB Ramps & Dorsey Dr

Movement	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	T	T	TR	L	LT	R
Maximum Queue (ft)	83	118	55	56	64	48	74	63
Average Queue (ft)	32	44	22	22	23	18	28	28
95th Queue (ft)	66	95	48	47	48	44	60	51
Link Distance (ft)	211	211		1564	1564		800	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)			140			220		220
Storage Blk Time (%)								
Queuing Penalty (veh)								

Intersection: 23: Dorsey Dr & Sr 49 WB Ramps

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	R	L	T	T	LT	R
Maximum Queue (ft)	93	57	99	60	62	83	57
Average Queue (ft)	38	21	42	22	14	37	25
95th Queue (ft)	75	44	82	53	44	68	48
Link Distance (ft)	548		211	211	211	1120	1120
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)		155					
Storage Blk Time (%)							
Queuing Penalty (veh)							

Zone Summary

Zone wide Queuing Penalty: 14

MOVEMENT SUMMARY

Site: 5 [Main St / Idaho Maryland Rd]

EPAP plus Project 1830-1930 PM
To Centennial
Site Category: (None)
Roundabout

Movement Performance - Vehicles												
Mov ID	Turn	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: SR 49 Ramps												
3	L2	40	3.0	0.094	4.5	LOS A	0.4	10.0	0.43	0.30	0.43	34.2
8	T1	37	3.0	0.094	4.5	LOS A	0.4	10.0	0.43	0.30	0.43	34.2
18	R2	14	3.0	0.094	4.5	LOS A	0.4	10.0	0.43	0.30	0.43	33.2
Approach		92	3.0	0.094	4.5	LOS A	0.4	10.0	0.43	0.30	0.43	34.0
East: Idaho Maryland Rd												
1	L2	179	3.0	0.162	4.7	LOS A	0.7	17.3	0.37	0.25	0.37	32.6
6	T1	168	3.0	0.236	5.4	LOS A	1.1	27.0	0.40	0.28	0.40	34.9
16	R2	93	3.0	0.236	5.4	LOS A	1.1	27.0	0.40	0.28	0.40	33.8
Approach		439	3.0	0.236	5.1	LOS A	1.1	27.0	0.39	0.27	0.39	33.7
North: Main St												
7	L2	54	3.0	0.213	5.7	LOS A	0.8	21.6	0.46	0.39	0.46	34.2
4	T1	156	3.0	0.213	5.7	LOS A	0.8	21.6	0.46	0.39	0.46	34.1
14	R2	210	3.0	0.129	0.0	LOS A	0.0	0.0	0.00	0.00	0.00	37.2
Approach		419	3.0	0.213	2.9	LOS A	0.8	21.6	0.23	0.19	0.23	35.6
West: Main St												
5	L2	160	3.0	0.273	6.4	LOS A	1.1	29.1	0.48	0.42	0.48	32.9
2	T1	85	3.0	0.273	6.4	LOS A	1.1	29.1	0.48	0.42	0.48	32.8
12	R2	24	3.0	0.273	6.4	LOS A	1.1	29.1	0.48	0.42	0.48	31.9
Approach		268	3.0	0.273	6.4	LOS A	1.1	29.1	0.48	0.42	0.48	32.8
All Vehicles		1218	3.0	0.273	4.6	LOS A	1.1	29.1	0.36	0.28	0.36	34.1

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Signalised Intersections.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Intersection	
Intersection Delay, s/veh	20
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	57	313	8	0	0	0	0	177	249	146	244	0
Future Vol, veh/h	57	313	8	0	0	0	0	177	249	146	244	0
Peak Hour Factor	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	63	344	9	0	0	0	0	195	274	160	268	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	14.9	29.4	14.8
HCM LOS	B	D	B

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	27%	0%	100%	0%
Vol Thru, %	42%	73%	95%	0%	100%
Vol Right, %	58%	0%	5%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	426	214	165	146	244
LT Vol	0	57	0	146	0
Through Vol	177	157	157	0	244
RT Vol	249	0	8	0	0
Lane Flow Rate	468	235	181	160	268
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.799	0.465	0.35	0.318	0.493
Departure Headway (Hd)	6.141	7.135	6.964	7.125	6.615
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	585	502	515	502	542
Service Time	4.202	4.906	4.735	4.899	4.388
HCM Lane V/C Ratio	0.8	0.468	0.351	0.319	0.494
HCM Control Delay	29.4	16	13.5	13.2	15.7
HCM Lane LOS	D	C	B	B	C
HCM 95th-tile Q	7.8	2.4	1.6	1.4	2.7

Intersection	
Intersection Delay, s/veh	31.2
Intersection LOS	D

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	295	48	44	391	268	474
Future Vol, veh/h	295	48	44	391	268	474
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93
Heavy Vehicles, %	3	2	5	31	11	14
Mvmt Flow	317	52	47	420	288	510
Number of Lanes	1	0	0	2	1	1

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	2	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	2	0	2
HCM Control Delay	27	20.1	39.7
HCM LOS	D	C	E

Lane	NBLn1	NBLn2	EBLn1	WBLn1	WBLn2
Vol Left, %	100%	0%	0%	25%	0%
Vol Thru, %	0%	0%	86%	75%	100%
Vol Right, %	0%	100%	14%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	268	474	343	174	261
LT Vol	268	0	0	44	0
Through Vol	0	0	295	130	261
RT Vol	0	474	48	0	0
Lane Flow Rate	288	510	369	187	280
Geometry Grp	7	7	4	7	7
Degree of Util (X)	0.622	0.933	0.728	0.4	0.623
Departure Headway (Hd)	7.766	6.593	7.104	7.678	8.002
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	464	545	509	467	448
Service Time	5.546	4.371	5.174	5.465	5.79
HCM Lane V/C Ratio	0.621	0.936	0.725	0.4	0.625
HCM Control Delay	22.6	49.3	27	15.5	23.2
HCM Lane LOS	C	E	D	C	C
HCM 95th-tile Q	4.1	11.7	6	1.9	4.1

Intersection	
Intersection Delay, s/veh	14.9
Intersection LOS	B

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	624	122	22	352	82	30
Future Vol, veh/h	624	122	22	352	82	30
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Heavy Vehicles, %	14	5	2	24	5	3
Mvmt Flow	657	128	23	371	86	32
Number of Lanes	2	0	0	2	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	2	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	2
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	1	0	2
HCM Control Delay	16.8	12.4	11
HCM LOS	C	B	B

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2
Vol Left, %	73%	0%	0%	16%	0%
Vol Thru, %	0%	100%	63%	84%	100%
Vol Right, %	27%	0%	37%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	112	416	330	139	235
LT Vol	82	0	0	22	0
Through Vol	0	416	208	117	235
RT Vol	30	0	122	0	0
Lane Flow Rate	118	438	347	147	247
Geometry Grp	2	7	7	7	7
Degree of Util (X)	0.208	0.686	0.504	0.241	0.427
Departure Headway (Hd)	6.344	5.642	5.226	5.917	6.216
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	567	644	695	607	580
Service Time	4.373	3.342	2.926	3.646	3.945
HCM Lane V/C Ratio	0.208	0.68	0.499	0.242	0.426
HCM Control Delay	11	19.7	13.1	10.5	13.5
HCM Lane LOS	B	C	B	B	B
HCM 95th-tile Q	0.8	5.4	2.9	0.9	2.1

Intersection	
Int Delay, s/veh	26.8

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	218	64	0	107	250	481	19	38	358	8
Future Vol, veh/h	0	0	218	64	0	107	250	481	19	38	358	8
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	0	550	-	-	120	-	150
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	94	94	94	94	94	94	94	94	94	94	94	94
Heavy Vehicles, %	2	2	8	2	2	2	12	17	2	2	14	2
Mvmt Flow	0	0	232	68	0	114	266	512	20	40	381	9

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	-	1525	381	1636	1524	522	390	0	0	532	0	0
Stage 1	-	461	-	1054	1054	-	-	-	-	-	-	-
Stage 2	-	1064	-	582	470	-	-	-	-	-	-	-
Critical Hdwy	-	6.52	6.28	7.12	6.52	6.22	4.22	-	-	4.12	-	-
Critical Hdwy Stg 1	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	-	4.018	3.372	3.518	4.018	3.318	2.308	-	-	2.218	-	-
Pot Cap-1 Maneuver	0	118	653	81	118	555	1116	-	-	1036	-	-
Stage 1	0	565	-	273	303	-	-	-	-	-	-	-
Stage 2	0	300	-	499	560	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	-	86	653	~ 41	86	555	1116	-	-	1036	-	-
Mov Cap-2 Maneuver	-	86	-	~ 41	86	-	-	-	-	-	-	-
Stage 1	-	543	-	208	231	-	-	-	-	-	-	-
Stage 2	-	229	-	309	538	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	13.5	209.5	3.1	0.8
HCM LOS	B	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	1116	-	-	653	41	555	1036	-	-
HCM Lane V/C Ratio	0.238	-	-	0.355	1.661	0.205	0.039	-	-
HCM Control Delay (s)	9.2	-	-	13.5	$ 537.6	13.2	8.6	-	-
HCM Lane LOS	A	-	-	B	F	B	A	-	-
HCM 95th %tile Q(veh)	0.9	-	-	1.6	7	0.8	0.1	-	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Int Delay, s/veh	1

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	22	45	69	732	528	94
Future Vol, veh/h	22	45	69	732	528	94
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	90	90	90	90	90	90
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	24	50	77	813	587	104

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1606	346	691	0	-	0
Stage 1	639	-	-	-	-	-
Stage 2	967	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	105	648	890	-	-	-
Stage 1	489	-	-	-	-	-
Stage 2	368	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	96	648	890	-	-	-
Mov Cap-2 Maneuver	284	-	-	-	-	-
Stage 1	446	-	-	-	-	-
Stage 2	368	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	13.6	0.8	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	890	-	284	648	-	-
HCM Lane V/C Ratio	0.086	-	0.086	0.077	-	-
HCM Control Delay (s)	9.4	-	18.9	11	-	-
HCM Lane LOS	A	-	C	B	-	-
HCM 95th %tile Q(veh)	0.3	-	0.3	0.2	-	-

Intersection	
Intersection Delay, s/veh	51
Intersection LOS	F

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	41	23	24	28	57	182	28	531	13	61	283	27
Future Vol, veh/h	41	23	24	28	57	182	28	531	13	61	283	27
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Heavy Vehicles, %	3	2	2	2	2	4	2	9	2	3	9	3
Mvmt Flow	44	25	26	30	61	196	30	571	14	66	304	29
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	13.1	17.5	92.4	20.1
HCM LOS	B	C	F	C

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	47%	10%	100%	0%
Vol Thru, %	0%	98%	26%	21%	0%	91%
Vol Right, %	0%	2%	27%	68%	0%	9%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	28	544	88	267	61	310
LT Vol	28	0	41	28	61	0
Through Vol	0	531	23	57	0	283
RT Vol	0	13	24	182	0	27
Lane Flow Rate	30	585	95	287	66	333
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.06	1.107	0.201	0.529	0.134	0.639
Departure Headway (Hd)	7.22	6.813	8.089	6.967	7.682	7.21
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	499	538	447	520	470	503
Service Time	4.92	4.513	6.089	4.967	5.382	4.91
HCM Lane V/C Ratio	0.06	1.087	0.213	0.552	0.14	0.662
HCM Control Delay	10.4	96.6	13.1	17.5	11.6	21.8
HCM Lane LOS	B	F	B	C	B	C
HCM 95th-tile Q	0.2	18.8	0.7	3.1	0.5	4.4

Intersection	
Int Delay, s/veh	7.2

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	118	160	263	405	160	105
Future Vol, veh/h	118	160	263	405	160	105
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	3	13	10	5	3	2
Mvmt Flow	126	170	280	431	170	112

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	280	0	-	0	702	280
Stage 1	-	-	-	-	280	-
Stage 2	-	-	-	-	422	-
Critical Hdwy	4.13	-	-	-	6.43	6.22
Critical Hdwy Stg 1	-	-	-	-	5.43	-
Critical Hdwy Stg 2	-	-	-	-	5.43	-
Follow-up Hdwy	2.227	-	-	-	3.527	3.318
Pot Cap-1 Maneuver	1277	-	-	0	403	759
Stage 1	-	-	-	0	765	-
Stage 2	-	-	-	0	659	-
Platoon blocked, %			-	-		
Mov Cap-1 Maneuver	1277	-	-	-	363	759
Mov Cap-2 Maneuver	-	-	-	-	363	-
Stage 1	-	-	-	-	689	-
Stage 2	-	-	-	-	659	-

Approach	EB	WB	SB
HCM Control Delay, s	3.4	0	18.3
HCM LOS			C

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1277	-	-	363	759
HCM Lane V/C Ratio	0.098	-	-	0.469	0.147
HCM Control Delay (s)	8.1	-	-	23.4	10.6
HCM Lane LOS	A	-	-	C	B
HCM 95th %tile Q(veh)	0.3	-	-	2.4	0.5

Intersection	
Int Delay, s/veh	1.1

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	54	15	22	517	240	95
Future Vol, veh/h	54	15	22	517	240	95
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	500	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	96	96	96	96	96	96
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	56	16	23	539	250	99

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	885	300	349	0	-	0
Stage 1	300	-	-	-	-	-
Stage 2	585	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	315	740	1210	-	-	-
Stage 1	752	-	-	-	-	-
Stage 2	557	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	309	740	1210	-	-	-
Mov Cap-2 Maneuver	488	-	-	-	-	-
Stage 1	738	-	-	-	-	-
Stage 2	557	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	12.9	0.3	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1210	-	527	-	-
HCM Lane V/C Ratio	0.019	-	0.136	-	-
HCM Control Delay (s)	8	-	12.9	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0.1	-	0.5	-	-

Intersection	
Int Delay, s/veh	0.4

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	78	0	0	112	0	10
Future Vol, veh/h	78	0	0	112	0	10
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	85	0	0	122	0	11

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	85	0	207	85
Stage 1	-	-	-	-	85	-
Stage 2	-	-	-	-	122	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1512	-	781	974
Stage 1	-	-	-	-	938	-
Stage 2	-	-	-	-	903	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1512	-	781	974
Mov Cap-2 Maneuver	-	-	-	-	781	-
Stage 1	-	-	-	-	938	-
Stage 2	-	-	-	-	903	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	8.7
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	974	-	-	1512	-
HCM Lane V/C Ratio	0.011	-	-	-	-
HCM Control Delay (s)	8.7	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	0	-	-	0	-

Intersection	
Int Delay, s/veh	1.7

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	256	236	26	244	74	12
Future Vol, veh/h	256	236	26	244	74	12
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	175	100	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	97	97	97	97	97	97
Heavy Vehicles, %	4	8	2	8	5	2
Mvmt Flow	264	243	27	252	76	12

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	507	0	570	264
Stage 1	-	-	-	-	264	-
Stage 2	-	-	-	-	306	-
Critical Hdwy	-	-	4.12	-	6.45	6.22
Critical Hdwy Stg 1	-	-	-	-	5.45	-
Critical Hdwy Stg 2	-	-	-	-	5.45	-
Follow-up Hdwy	-	-	2.218	-	3.545	3.318
Pot Cap-1 Maneuver	-	-	1058	-	478	775
Stage 1	-	-	-	-	773	-
Stage 2	-	-	-	-	740	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1058	-	466	775
Mov Cap-2 Maneuver	-	-	-	-	466	-
Stage 1	-	-	-	-	773	-
Stage 2	-	-	-	-	721	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.8	13.9
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	493	-	-	1058	-
HCM Lane V/C Ratio	0.18	-	-	0.025	-
HCM Control Delay (s)	13.9	-	-	8.5	-
HCM Lane LOS	B	-	-	A	-
HCM 95th %tile Q(veh)	0.6	-	-	0.1	-

Intersection	
Intersection Delay, s/veh	10.3
Intersection LOS	B

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	109	144	132	93	46	123
Future Vol, veh/h	109	144	132	93	46	123
Peak Hour Factor	0.85	0.85	0.85	0.85	0.85	0.85
Heavy Vehicles, %	3	3	7	2	2	3
Mvmt Flow	128	169	155	109	54	145
Number of Lanes	0	1	1	0	1	1

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	2	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	2	1
HCM Control Delay	11.2	10.1	9.4
HCM LOS	B	B	A

Lane	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	43%	0%	100%	0%
Vol Thru, %	57%	59%	0%	0%
Vol Right, %	0%	41%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	253	225	46	123
LT Vol	109	0	46	0
Through Vol	144	132	0	0
RT Vol	0	93	0	123
Lane Flow Rate	298	265	54	145
Geometry Grp	2	2	7	7
Degree of Util (X)	0.402	0.342	0.095	0.206
Departure Headway (Hd)	4.858	4.647	6.327	5.131
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	738	770	563	693
Service Time	2.915	2.704	4.106	2.91
HCM Lane V/C Ratio	0.404	0.344	0.096	0.209
HCM Control Delay	11.2	10.1	9.8	9.3
HCM Lane LOS	B	B	A	A
HCM 95th-tile Q	1.9	1.5	0.3	0.8

Intersection	
Intersection Delay, s/veh	9.9
Intersection LOS	A

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	97	85	167	90	88	79
Future Vol, veh/h	97	85	167	90	88	79
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	108	94	186	100	98	88
Number of Lanes	1	0	0	1	1	1

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	9.7	11	8.5
HCM LOS	A	B	A

Lane	NBLn1	EBLn1	SBLn1	SBLn2
Vol Left, %	65%	53%	0%	0%
Vol Thru, %	35%	0%	100%	0%
Vol Right, %	0%	47%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	257	182	88	79
LT Vol	167	97	0	0
Through Vol	90	0	88	0
RT Vol	0	85	0	79
Lane Flow Rate	286	202	98	88
Geometry Grp	5	2	7	7
Degree of Util (X)	0.387	0.273	0.144	0.112
Departure Headway (Hd)	4.883	4.86	5.306	4.6
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	734	736	673	775
Service Time	2.934	2.909	3.061	2.355
HCM Lane V/C Ratio	0.39	0.274	0.146	0.114
HCM Control Delay	11	9.7	9	7.9
HCM Lane LOS	B	A	A	A
HCM 95th-tile Q	1.8	1.1	0.5	0.4

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	54	182	619	135	275	317
Future Volume (veh/h)	54	182	619	135	275	317
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1826	1796	1767	1826	1767	1767
Adj Flow Rate, veh/h	59	198	673	147	299	345
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	7	9	5	9	9
Cap, veh/h	232	520	739	647	350	1243
Arrive On Green	0.13	0.13	0.42	0.42	0.21	0.70
Sat Flow, veh/h	1739	1522	1767	1547	1682	1767
Grp Volume(v), veh/h	59	198	673	147	299	345
Grp Sat Flow(s),veh/h/ln	1739	1522	1767	1547	1682	1767
Q Serve(g_s), s	2.0	6.5	23.6	4.0	11.3	4.7
Cycle Q Clear(g_c), s	2.0	6.5	23.6	4.0	11.3	4.7
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	232	520	739	647	350	1243
V/C Ratio(X)	0.25	0.38	0.91	0.23	0.85	0.28
Avail Cap(c_a), veh/h	373	643	811	710	509	1321
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	25.6	16.4	18.0	12.3	25.1	3.6
Incr Delay (d2), s/veh	0.6	0.5	13.6	0.2	9.3	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.8	2.1	10.5	1.2	4.9	0.8
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	26.1	16.8	31.6	12.5	34.4	3.7
LnGrp LOS	C	B	C	B	C	A
Approach Vol, veh/h	257		820			644
Approach Delay, s/veh	19.0		28.2			18.0
Approach LOS	B		C			B

Timer - Assigned Phs	1	2				6	8
Phs Duration (G+Y+Rc), s	18.8	33.3				52.1	13.7
Change Period (Y+Rc), s	5.1	5.8				5.8	4.9
Max Green Setting (Gmax), s	13.7	30.2				49.2	14.1
Max Q Clear Time (g_c+I1), s	13.3	25.6				6.7	8.5
Green Ext Time (p_c), s	0.5	2.0				2.0	0.4

Intersection Summary		
HCM 6th Ctrl Delay	23.0	
HCM 6th LOS	C	

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	59	198	673	147	299	345
v/c Ratio	0.28	0.32	0.80	0.19	0.71	0.23
Control Delay	32.7	8.2	28.1	3.7	34.0	3.1
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	32.7	8.2	28.1	3.7	34.0	3.1
Queue Length 50th (ft)	24	25	262	0	120	37
Queue Length 95th (ft)	59	62	#518	33	212	74
Internal Link Dist (ft)	1089		974			683
Turn Bay Length (ft)	165			405	405	
Base Capacity (vph)	394	730	888	830	556	1531
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.15	0.27	0.76	0.18	0.54	0.23

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

1: Tinloy St /Tinloy St & Neal St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	0.3	0.0	0.1
Total Del/Veh (s)	9.4	24.7	6.1	13.3

2: SR 49 On-Ramp/Tinloy St & Auburn St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	1.2	0.0	0.6
Total Del/Veh (s)	5.6	9.0	16.3	10.2

3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.2	0.0	0.3	0.2
Total Del/Veh (s)	8.4	9.4	1.1	6.2

8: Main St & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	1.5	1.9	0.9
Total Del/Veh (s)	13.4	8.0	12.5	11.7	10.2

9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.1	0.5	2.8	0.8
Total Del/Veh (s)	9.8	12.9	14.4	34.3	17.8

10: Brunswick Rd & SR 49/20 EB On Ramp Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	7.1	7.4	24.9	12.9

11: Sutton Way & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.5	1.5	0.0	0.3
Total Del/Veh (s)	10.9	19.3	16.8	5.2	12.6

22: SR 49 EB Ramps & Dorsey Dr Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.1	0.2	1.7	0.9
Total Del/Veh (s)	19.3	18.6	11.7	15.5

23: Dorsey Dr & Sr 49 WB Ramps Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	1.5	0.0	0.2	0.4
Total Del/Veh (s)	14.4	7.1	13.4	10.0

Total Zone Performance

Denied Del/Veh (s)	1.1
Total Del/Veh (s)	328.2

Intersection: 1: Tinloy St /Tinloy St & Neal St

Movement	EB	WB	SB	SB
Directions Served	TR	LT	LT	TR
Maximum Queue (ft)	112	261	112	76
Average Queue (ft)	72	120	50	31
95th Queue (ft)	114	214	94	64
Link Distance (ft)	93	1538	960	960
Upstream Blk Time (%)	5			
Queuing Penalty (veh)	16			
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 2: SR 49 On-Ramp/Tinloy St & Auburn St

Movement	EB	WB	WB	SB	SB
Directions Served	TR	LT	T	LT	TR
Maximum Queue (ft)	112	123	181	120	106
Average Queue (ft)	57	43	83	69	51
95th Queue (ft)	97	91	146	111	93
Link Distance (ft)	135		897	99	99
Upstream Blk Time (%)	0			3	1
Queuing Penalty (veh)	0			4	1
Storage Bay Dist (ft)		100			
Storage Blk Time (%)		0	3		
Queuing Penalty (veh)		0	8		

Intersection: 3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp

Movement	WB	WB	NB	NB	SB
Directions Served	LT	TR	L	T	TR
Maximum Queue (ft)	117	104	33	87	34
Average Queue (ft)	62	53	10	45	2
95th Queue (ft)	98	81	33	72	13
Link Distance (ft)	1196	1196		262	402
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)			100		
Storage Blk Time (%)				0	
Queuing Penalty (veh)				0	

Intersection: 8: Main St & Brunswick Rd

Movement	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	LTR	L	LT	R	L	T	R	L	L	TR
Maximum Queue (ft)	48	107	102	172	18	239	140	211	243	214
Average Queue (ft)	16	48	50	83	1	102	68	72	116	65
95th Queue (ft)	41	88	88	150	8	189	132	161	194	149
Link Distance (ft)	777	160	160	160		1486				1622
Upstream Blk Time (%)		0		0						
Queuing Penalty (veh)		0		1						
Storage Bay Dist (ft)					115		115	360	360	
Storage Blk Time (%)						5	1		0	0
Queuing Penalty (veh)						9	2		0	0

Intersection: 9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd

Movement	EB	EB	WB	WB	WB	NB	NB	SB	SB	SB	SB
Directions Served	T	TR	L	T	T	LT	R	L	L	T	R
Maximum Queue (ft)	172	182	102	167	182	101	153	224	232	100	108
Average Queue (ft)	102	137	63	58	106	32	77	120	151	34	47
95th Queue (ft)	182	208	97	133	192	76	129	204	214	73	86
Link Distance (ft)	160	160		103	103		1666			1351	
Upstream Blk Time (%)	1	6	1	3	9						
Queuing Penalty (veh)	3	22	0	9	30						
Storage Bay Dist (ft)			140			100		240	240		240
Storage Blk Time (%)			1	3		0	5	0	0		
Queuing Penalty (veh)			3	3		0	1	0	0		

Intersection: 10: Brunswick Rd & SR 49/20 EB On Ramp

Movement	EB	EB	WB	WB	WB	NB	NB	B52
Directions Served	T	TR	T	T	R	<	R	T
Maximum Queue (ft)	151	153	272	308	258	224	228	353
Average Queue (ft)	58	56	77	93	13	144	176	92
95th Queue (ft)	127	122	188	227	106	228	252	285
Link Distance (ft)	456	456	334	334	334	145	145	915
Upstream Blk Time (%)			0	0	0	13	26	
Queuing Penalty (veh)			0	1	0	0	0	
Storage Bay Dist (ft)								
Storage Blk Time (%)								
Queuing Penalty (veh)								

Intersection: 11: Sutton Way & Brunswick Rd

Movement	EB	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB
Directions Served	L	L	T	T	R	UL	T	TR	L	L	TR	L
Maximum Queue (ft)	83	96	153	155	154	100	175	216	62	128	107	85
Average Queue (ft)	33	53	72	85	61	49	85	119	16	59	35	36
95th Queue (ft)	71	85	135	138	110	87	150	193	46	102	74	73
Link Distance (ft)			334	334			1884	1884		1476		229
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	240	240			240	120			280		280	
Storage Blk Time (%)			0		0	0	2					
Queuing Penalty (veh)			0		0	0	2					

Intersection: 11: Sutton Way & Brunswick Rd

Movement	SB
Directions Served	T
Maximum Queue (ft)	75
Average Queue (ft)	29
95th Queue (ft)	63
Link Distance (ft)	229
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 22: SR 49 EB Ramps & Dorsey Dr

Movement	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	T	T	TR	L	LT	R
Maximum Queue (ft)	129	193	81	120	137	166	276	172
Average Queue (ft)	56	96	26	52	61	37	126	33
95th Queue (ft)	106	170	61	96	113	104	223	89
Link Distance (ft)	211	211		1564	1564		800	
Upstream Blk Time (%)		0						
Queuing Penalty (veh)		0						
Storage Bay Dist (ft)			140			220		220
Storage Blk Time (%)				0			1	0
Queuing Penalty (veh)				0			3	0

Intersection: 23: Dorsey Dr & Sr 49 WB Ramps

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	R	L	T	T	LT	R
Maximum Queue (ft)	203	109	166	154	142	135	85
Average Queue (ft)	84	28	66	61	56	57	40
95th Queue (ft)	158	70	123	123	114	105	71
Link Distance (ft)	548		211	211	211	1120	1120
Upstream Blk Time (%)			0	0	0		
Queuing Penalty (veh)			0	0	0		
Storage Bay Dist (ft)		155					
Storage Blk Time (%)	1	0					
Queuing Penalty (veh)	1	0					

Zone Summary

Zone wide Queuing Penalty: 57

MOVEMENT SUMMARY

Site: 5 [Main St / Idaho Maryland Rd]

EPAP plus Project AM Peak
To SR 49
Site Category: (None)
Roundabout

Movement Performance - Vehicles												
Mov ID	Turn	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: SR 49 Ramps												
3	L2	36	3.0	0.251	7.8	LOS A	1.1	27.7	0.62	0.61	0.62	33.3
8	T1	67	3.0	0.251	7.8	LOS A	1.1	27.7	0.62	0.61	0.62	33.2
18	R2	83	3.0	0.251	7.8	LOS A	1.1	27.7	0.62	0.61	0.62	32.3
Approach		186	3.0	0.251	7.8	LOS A	1.1	27.7	0.62	0.61	0.62	32.8
East: Idaho Maryland Rd												
1	L2	257	3.0	0.265	6.4	LOS A	1.2	29.7	0.50	0.43	0.50	31.9
6	T1	141	3.0	0.425	8.6	LOS A	2.2	55.2	0.58	0.52	0.58	33.2
16	R2	270	3.0	0.425	8.6	LOS A	2.2	55.2	0.58	0.52	0.58	32.2
Approach		668	3.0	0.425	7.7	LOS A	2.2	55.2	0.55	0.48	0.55	32.3
North: Main St												
7	L2	129	3.0	0.331	7.3	LOS A	1.4	36.6	0.53	0.49	0.53	32.9
4	T1	183	3.0	0.331	7.3	LOS A	1.4	36.6	0.53	0.49	0.53	32.9
14	R2	207	3.0	0.127	0.0	LOS A	0.0	0.0	0.00	0.00	0.00	37.2
Approach		519	3.0	0.331	4.4	LOS A	1.4	36.6	0.32	0.29	0.32	34.4
West: Main St												
5	L2	276	3.0	0.541	12.0	LOS B	3.8	98.6	0.69	0.83	1.07	30.5
2	T1	163	3.0	0.541	12.0	LOS B	3.8	98.6	0.69	0.83	1.07	30.4
12	R2	14	3.0	0.541	12.0	LOS B	3.8	98.6	0.69	0.83	1.07	29.6
Approach		453	3.0	0.541	12.0	LOS B	3.8	98.6	0.69	0.83	1.07	30.4
All Vehicles		1826	3.0	0.541	7.8	LOS A	3.8	98.6	0.53	0.53	0.62	32.4

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Signalised Intersections.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Intersection	
Intersection Delay, s/veh	16.1
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	60	282	3	0	0	0	0	122	156	174	331	0
Future Vol, veh/h	60	282	3	0	0	0	0	122	156	174	331	0
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	67	313	3	0	0	0	0	136	173	193	368	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	14.1	16.1	17.4
HCM LOS	B	C	C

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	30%	0%	100%	0%
Vol Thru, %	44%	70%	98%	0%	100%
Vol Right, %	56%	0%	2%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	278	201	144	174	331
LT Vol	0	60	0	174	0
Through Vol	122	141	141	0	331
RT Vol	156	0	3	0	0
Lane Flow Rate	309	223	160	193	368
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.531	0.435	0.304	0.363	0.639
Departure Headway (Hd)	6.187	7.004	6.837	6.767	6.259
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	581	514	525	530	577
Service Time	4.241	4.759	4.592	4.524	4.015
HCM Lane V/C Ratio	0.532	0.434	0.305	0.364	0.638
HCM Control Delay	16.1	15.1	12.6	13.4	19.5
HCM Lane LOS	C	C	B	B	C
HCM 95th-tile Q	3.1	2.2	1.3	1.6	4.5

Intersection	
Intersection Delay, s/veh	44.1
Intersection LOS	E

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	220	53	66	776	169	248
Future Vol, veh/h	220	53	66	776	169	248
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles, %	4	6	2	12	6	28
Mvmt Flow	244	59	73	862	188	276
Number of Lanes	1	0	0	2	1	1

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	2	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	2	0	2
HCM Control Delay	18.6	65.5	17.7
HCM LOS	C	F	C

Lane	NBLn1	NBLn2	EBLn1	WBLn1	WBLn2
Vol Left, %	100%	0%	0%	20%	0%
Vol Thru, %	0%	0%	81%	80%	100%
Vol Right, %	0%	100%	19%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	169	248	273	325	517
LT Vol	169	0	0	66	0
Through Vol	0	0	220	259	517
RT Vol	0	248	53	0	0
Lane Flow Rate	188	276	303	361	575
Geometry Grp	7	7	4	7	7
Degree of Util (X)	0.416	0.546	0.568	0.679	1.093
Departure Headway (Hd)	8.182	7.337	6.897	6.773	6.843
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	443	496	528	534	535
Service Time	5.882	5.037	4.897	4.502	4.572
HCM Lane V/C Ratio	0.424	0.556	0.574	0.676	1.075
HCM Control Delay	16.6	18.5	18.6	22.7	92.3
HCM Lane LOS	C	C	C	C	F
HCM 95th-tile Q	2	3.2	3.5	5.1	18

Intersection	
Intersection Delay, s/veh	24.7
Intersection LOS	C

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	447	72	23	717	93	30
Future Vol, veh/h	447	72	23	717	93	30
Peak Hour Factor	0.87	0.87	0.87	0.87	0.87	0.87
Heavy Vehicles, %	39	4	2	7	5	2
Mvmt Flow	514	83	26	824	107	34
Number of Lanes	2	0	0	2	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	2	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	2
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	1	0	2
HCM Control Delay	17.6	31.8	12.4
HCM LOS	C	D	B

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2
Vol Left, %	76%	0%	0%	9%	0%
Vol Thru, %	0%	100%	67%	91%	100%
Vol Right, %	24%	0%	33%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	123	298	221	262	478
LT Vol	93	0	0	23	0
Through Vol	0	298	149	239	478
RT Vol	30	0	72	0	0
Lane Flow Rate	141	343	254	301	549
Geometry Grp	2	7	7	7	7
Degree of Util (X)	0.268	0.644	0.419	0.494	0.907
Departure Headway (Hd)	6.83	6.769	5.935	5.902	5.943
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	526	534	605	611	610
Service Time	4.869	4.516	3.681	3.641	3.682
HCM Lane V/C Ratio	0.268	0.642	0.42	0.493	0.9
HCM Control Delay	12.4	21	12.9	14.3	41.4
HCM Lane LOS	B	C	B	B	E
HCM 95th-tile Q	1.1	4.5	2.1	2.7	11.2

Intersection	
Int Delay, s/veh	14.2

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	240	25	0	76	299	507	57	94	484	14
Future Vol, veh/h	0	0	240	25	0	76	299	507	57	94	484	14
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	0	550	-	-	120	-	150
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	97	97	97	97	97	97	97	97	97	97	97	97
Heavy Vehicles, %	2	2	5	2	2	2	4	5	2	2	12	2
Mvmt Flow	0	0	247	26	0	78	308	523	59	97	499	14

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	-	1891	499	1993	1876	553	513	0	0	582	0	0
Stage 1	-	693	-	1169	1169	-	-	-	-	-	-	-
Stage 2	-	1198	-	824	707	-	-	-	-	-	-	-
Critical Hdwy	-	6.52	6.25	7.12	6.52	6.22	4.14	-	-	4.12	-	-
Critical Hdwy Stg 1	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	-	4.018	3.345	3.518	4.018	3.318	2.236	-	-	2.218	-	-
Pot Cap-1 Maneuver	0	70	566	45	72	533	1042	-	-	992	-	-
Stage 1	0	445	-	235	267	-	-	-	-	-	-	-
Stage 2	0	259	-	367	438	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	-	44	566	~ 18	46	533	1042	-	-	992	-	-
Mov Cap-2 Maneuver	-	44	-	~ 18	46	-	-	-	-	-	-	-
Stage 1	-	401	-	165	188	-	-	-	-	-	-	-
Stage 2	-	182	-	186	395	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	16.2	176.6	3.4	1.4
HCM LOS	C	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	1042	-	-	566	18	533	992	-	-
HCM Lane V/C Ratio	0.296	-	-	0.437	1.432	0.147	0.098	-	-
HCM Control Delay (s)	9.9	-	-	16.2	$ 674.1	12.9	9	-	-
HCM Lane LOS	A	-	-	C	F	B	A	-	-
HCM 95th %tile Q(veh)	1.2	-	-	2.2	3.6	0.5	0.3	-	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Int Delay, s/veh	1.9

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	94	58	25	767	702	42
Future Vol, veh/h	94	58	25	767	702	42
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	99	61	26	807	739	44

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1620	392	783	0	-	0
Stage 1	761	-	-	-	-	-
Stage 2	859	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	103	605	822	-	-	-
Stage 1	423	-	-	-	-	-
Stage 2	414	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	100	605	822	-	-	-
Mov Cap-2 Maneuver	292	-	-	-	-	-
Stage 1	409	-	-	-	-	-
Stage 2	414	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	19	0.3	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	822	-	292	605	-	-
HCM Lane V/C Ratio	0.032	-	0.339	0.101	-	-
HCM Control Delay (s)	9.5	-	23.5	11.6	-	-
HCM Lane LOS	A	-	C	B	-	-
HCM 95th %tile Q(veh)	0.1	-	1.4	0.3	-	-

Intersection	
Intersection Delay, s/veh	38.6
Intersection LOS	E

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	30	29	27	25	44	85	21	393	36	153	550	33
Future Vol, veh/h	30	29	27	25	44	85	21	393	36	153	550	33
Peak Hour Factor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Heavy Vehicles, %	2	2	2	2	2	4	2	9	2	4	9	3
Mvmt Flow	30	29	27	25	44	86	21	397	36	155	556	33
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	12.1	12.9	28.4	53.4
HCM LOS	B	B	D	F

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	35%	16%	100%	0%
Vol Thru, %	0%	92%	34%	29%	0%	94%
Vol Right, %	0%	8%	31%	55%	0%	6%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	21	429	86	154	153	583
LT Vol	21	0	30	25	153	0
Through Vol	0	393	29	44	0	550
RT Vol	0	36	27	85	0	33
Lane Flow Rate	21	433	87	156	155	589
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.041	0.785	0.177	0.297	0.285	1.009
Departure Headway (Hd)	6.967	6.519	7.483	7.008	6.629	6.166
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	510	550	482	516	538	583
Service Time	4.766	4.317	5.483	5.008	4.414	3.951
HCM Lane V/C Ratio	0.041	0.787	0.18	0.302	0.288	1.01
HCM Control Delay	10.1	29.3	12.1	12.9	12.1	64.3
HCM Lane LOS	B	D	B	B	B	F
HCM 95th-tile Q	0.1	7.3	0.6	1.2	1.2	15.1

Intersection	
Int Delay, s/veh	47.4

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	78	226	239	273	409	116
Future Vol, veh/h	78	226	239	273	409	116
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	3	2	2
Mvmt Flow	85	246	260	297	445	126

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	260	0	-	0	676	260
Stage 1	-	-	-	-	260	-
Stage 2	-	-	-	-	416	-
Critical Hdwy	4.12	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1304	-	-	0	~ 419	779
Stage 1	-	-	-	0	783	-
Stage 2	-	-	-	0	666	-
Platoon blocked, %		-	-			
Mov Cap-1 Maneuver	1304	-	-	-	~ 392	779
Mov Cap-2 Maneuver	-	-	-	-	~ 392	-
Stage 1	-	-	-	-	732	-
Stage 2	-	-	-	-	666	-

Approach	EB	WB	SB
HCM Control Delay, s	2	0	95.2
HCM LOS			F

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1304	-	-	392	779
HCM Lane V/C Ratio	0.065	-	-	1.134	0.162
HCM Control Delay (s)	8	-	-	119.2	10.5
HCM Lane LOS	A	-	-	F	B
HCM 95th %tile Q(veh)	0.2	-	-	16.6	0.6

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Int Delay, s/veh	1.7

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	85	22	15	365	537	64
Future Vol, veh/h	85	22	15	365	537	64
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	500	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	9	9	2
Mvmt Flow	92	24	16	397	584	70

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1048	619	654	0	-	0
Stage 1	619	-	-	-	-	-
Stage 2	429	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	252	489	933	-	-	-
Stage 1	537	-	-	-	-	-
Stage 2	657	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	248	489	933	-	-	-
Mov Cap-2 Maneuver	443	-	-	-	-	-
Stage 1	528	-	-	-	-	-
Stage 2	657	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	15.7	0.4	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	933	-	452	-	-
HCM Lane V/C Ratio	0.017	-	0.257	-	-
HCM Control Delay (s)	8.9	-	15.7	-	-
HCM Lane LOS	A	-	C	-	-
HCM 95th %tile Q(veh)	0.1	-	1	-	-

Intersection	
Int Delay, s/veh	0.5

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	76	0	0	98	0	10
Future Vol, veh/h	76	0	0	98	0	10
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	83	0	0	107	0	11

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	83	0	190	83
Stage 1	-	-	-	-	83	-
Stage 2	-	-	-	-	107	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1514	-	799	976
Stage 1	-	-	-	-	940	-
Stage 2	-	-	-	-	917	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1514	-	799	976
Mov Cap-2 Maneuver	-	-	-	-	799	-
Stage 1	-	-	-	-	940	-
Stage 2	-	-	-	-	917	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	8.7
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	976	-	-	1514	-
HCM Lane V/C Ratio	0.011	-	-	-	-
HCM Control Delay (s)	8.7	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	0	-	-	0	-

Intersection	
Int Delay, s/veh	35.9

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	329	120	12	425	245	37
Future Vol, veh/h	329	120	12	425	245	37
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	175	100	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	80	80	80	80	80	80
Heavy Vehicles, %	12	10	2	7	2	9
Mvmt Flow	411	150	15	531	306	46

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	561	0	972	411
Stage 1	-	-	-	-	411	-
Stage 2	-	-	-	-	561	-
Critical Hdwy	-	-	4.12	-	6.42	6.29
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.381
Pot Cap-1 Maneuver	-	-	1010	-	~ 280	626
Stage 1	-	-	-	-	669	-
Stage 2	-	-	-	-	571	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1010	-	~ 276	626
Mov Cap-2 Maneuver	-	-	-	-	~ 276	-
Stage 1	-	-	-	-	669	-
Stage 2	-	-	-	-	562	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.2	148.4
HCM LOS			F

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	298	-	-	1010	-
HCM Lane V/C Ratio	1.183	-	-	0.015	-
HCM Control Delay (s)	148.4	-	-	8.6	-
HCM Lane LOS	F	-	-	A	-
HCM 95th %tile Q(veh)	15.4	-	-	0	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Intersection Delay, s/veh	15.5
Intersection LOS	C

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	212	131	234	75	112	208
Future Vol, veh/h	212	131	234	75	112	208
Peak Hour Factor	0.85	0.85	0.85	0.85	0.85	0.85
Heavy Vehicles, %	2	8	3	2	2	4
Mvmt Flow	249	154	275	88	132	245
Number of Lanes	0	1	1	0	1	1

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	2	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	2	1
HCM Control Delay	18.4	15.4	12.5
HCM LOS	C	C	B

Lane	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	62%	0%	100%	0%
Vol Thru, %	38%	76%	0%	0%
Vol Right, %	0%	24%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	343	309	112	208
LT Vol	212	0	112	0
Through Vol	131	234	0	0
RT Vol	0	75	0	208
Lane Flow Rate	404	364	132	245
Geometry Grp	2	2	7	7
Degree of Util (X)	0.639	0.558	0.26	0.402
Departure Headway (Hd)	5.701	5.53	7.096	5.909
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	634	651	506	607
Service Time	3.752	3.583	4.849	3.661
HCM Lane V/C Ratio	0.637	0.559	0.261	0.404
HCM Control Delay	18.4	15.4	12.3	12.6
HCM Lane LOS	C	C	B	B
HCM 95th-tile Q	4.6	3.5	1	1.9

Intersection	
Intersection Delay, s/veh	15.9
Intersection LOS	C

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	144	189	130	172	179	179
Future Vol, veh/h	144	189	130	172	179	179
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	173	228	157	207	216	216
Number of Lanes	1	0	0	1	1	1

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	18.2	17.8	12.1
HCM LOS	C	C	B

Lane	NBLn1	EBLn1	SBLn1	SBLn2
Vol Left, %	43%	43%	0%	0%
Vol Thru, %	57%	0%	100%	0%
Vol Right, %	0%	57%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	302	333	179	179
LT Vol	130	144	0	0
Through Vol	172	0	179	0
RT Vol	0	189	0	179
Lane Flow Rate	364	401	216	216
Geometry Grp	5	2	7	7
Degree of Util (X)	0.603	0.634	0.379	0.336
Departure Headway (Hd)	5.971	5.689	6.329	5.615
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	604	634	567	636
Service Time	4.032	3.748	4.095	3.382
HCM Lane V/C Ratio	0.603	0.632	0.381	0.34
HCM Control Delay	17.8	18.2	12.9	11.2
HCM Lane LOS	C	C	B	B
HCM 95th-tile Q	4	4.5	1.8	1.5

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	146	329	463	45	121	590
Future Volume (veh/h)	146	329	463	45	121	590
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1826	1781	1767	1826	1767	1767
Adj Flow Rate, veh/h	159	358	503	49	132	641
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	8	9	5	9	9
Cap, veh/h	430	527	616	539	171	968
Arrive On Green	0.25	0.25	0.35	0.35	0.10	0.55
Sat Flow, veh/h	1739	1510	1767	1547	1682	1767
Grp Volume(v), veh/h	159	358	503	49	132	641
Grp Sat Flow(s),veh/h/ln	1739	1510	1767	1547	1682	1767
Q Serve(g_s), s	4.0	10.6	13.5	1.1	4.0	13.4
Cycle Q Clear(g_c), s	4.0	10.6	13.5	1.1	4.0	13.4
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	430	527	616	539	171	968
V/C Ratio(X)	0.37	0.68	0.82	0.09	0.77	0.66
Avail Cap(c_a), veh/h	470	562	1022	895	641	1665
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	16.3	14.5	15.5	11.4	22.8	8.4
Incr Delay (d2), s/veh	0.5	3.1	2.7	0.1	7.1	0.8
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.5	3.5	4.6	0.3	1.7	3.2
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	16.8	17.6	18.2	11.5	29.9	9.2
LnGrp LOS	B	B	B	B	C	A
Approach Vol, veh/h	517		552			773
Approach Delay, s/veh	17.3		17.6			12.7
Approach LOS	B		B			B

Timer - Assigned Phs	1	2				6	8
Phs Duration (G+Y+Rc), s	10.4	24.0				34.4	17.8
Change Period (Y+Rc), s	5.1	5.8				5.8	4.9
Max Green Setting (Gmax), s	19.3	30.2				49.2	14.1
Max Q Clear Time (g_c+I1), s	6.0	15.5				15.4	12.6
Green Ext Time (p_c), s	0.3	2.7				4.3	0.3

Intersection Summary	
HCM 6th Ctrl Delay	15.5
HCM 6th LOS	B

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	159	358	503	49	132	641
v/c Ratio	0.48	0.49	0.72	0.08	0.41	0.50
Control Delay	30.0	8.5	23.5	5.1	28.6	7.4
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	30.0	8.5	23.5	5.1	28.6	7.4
Queue Length 50th (ft)	52	36	150	0	43	109
Queue Length 95th (ft)	126	107	303	19	103	202
Internal Link Dist (ft)	946		917			653
Turn Bay Length (ft)	165			405	405	
Base Capacity (vph)	474	1001	1062	923	670	1607
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.34	0.36	0.47	0.05	0.20	0.40

Intersection Summary

1: Tinloy St /Tinloy St & Neal St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	0.2	0.0	0.1
Total Del/Veh (s)	10.5	23.7	5.8	11.9

2: SR 49 On-Ramp/Tinloy St & Auburn St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	1.1	0.0	0.4
Total Del/Veh (s)	6.4	9.2	18.3	10.7

3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.2	0.0	0.5	0.3
Total Del/Veh (s)	11.5	10.0	1.8	7.3

8: Main St & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	1.5	2.1	1.2
Total Del/Veh (s)	19.6	10.2	17.8	16.7	14.4

9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.0	0.5	2.8	0.8
Total Del/Veh (s)	14.8	15.2	19.7	37.2	21.2

10: Brunswick Rd & SR 49/20 EB On Ramp Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	8.4	10.3	28.2	14.2

11: Sutton Way & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.5	1.5	0.0	0.4
Total Del/Veh (s)	18.0	35.4	31.3	13.9	24.4

22: SR 49 EB Ramps & Dorsey Dr Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.5	2.6	0.9
Total Del/Veh (s)	13.6	14.2	12.9	13.6

23: Dorsey Dr & Sr 49 WB Ramps Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	2.4	0.0	0.2	1.1
Total Del/Veh (s)	17.7	11.4	16.2	15.0

Total Zone Performance

Denied Del/Veh (s)	1.3
Total Del/Veh (s)	764.8

Intersection: 8: Main St & Brunswick Rd

Movement	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	LTR	L	LT	R	L	T	R	L	L	TR
Maximum Queue (ft)	48	107	102	172	18	239	140	211	243	214
Average Queue (ft)	16	48	50	83	1	102	68	72	116	65
95th Queue (ft)	41	88	88	150	8	189	132	161	194	149
Link Distance (ft)	777	160	160	160		1486				1622
Upstream Blk Time (%)		0		0						
Queuing Penalty (veh)		0		1						
Storage Bay Dist (ft)					115		115	360	360	
Storage Blk Time (%)						5	1		0	0
Queuing Penalty (veh)						9	2		0	0

Intersection: 9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd

Movement	EB	EB	WB	WB	WB	NB	NB	SB	SB	SB	SB
Directions Served	T	TR	L	T	T	LT	R	L	L	T	R
Maximum Queue (ft)	172	182	102	167	182	101	153	224	232	100	108
Average Queue (ft)	102	137	63	58	106	32	77	120	151	34	47
95th Queue (ft)	182	208	97	133	192	76	129	204	214	73	86
Link Distance (ft)	160	160		103	103		1666			1351	
Upstream Blk Time (%)	1	6	1	3	9						
Queuing Penalty (veh)	3	22	0	9	30						
Storage Bay Dist (ft)			140			100		240	240		240
Storage Blk Time (%)			1	3		0	5	0	0		
Queuing Penalty (veh)			3	3		0	1	0	0		

Intersection: 10: Brunswick Rd & SR 49/20 EB On Ramp

Movement	EB	EB	WB	WB	WB	NB	NB	B52
Directions Served	T	TR	T	T	R	<	R	T
Maximum Queue (ft)	151	153	272	308	258	224	228	353
Average Queue (ft)	58	56	77	93	13	144	176	92
95th Queue (ft)	127	122	188	227	106	228	252	285
Link Distance (ft)	456	456	334	334	334	145	145	915
Upstream Blk Time (%)			0	0	0	13	26	
Queuing Penalty (veh)			0	1	0	0	0	
Storage Bay Dist (ft)								
Storage Blk Time (%)								
Queuing Penalty (veh)								

Intersection: 8: Main St & Brunswick Rd

Movement	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	LTR	L	LT	R	L	T	R	L	L	TR
Maximum Queue (ft)	47	110	111	170	37	199	140	206	237	159
Average Queue (ft)	15	49	52	85	3	93	67	80	121	58
95th Queue (ft)	41	91	93	156	26	162	128	172	204	120
Link Distance (ft)	777	160	160	160		1486				1622
Upstream Blk Time (%)				0						
Queuing Penalty (veh)				1						
Storage Bay Dist (ft)					115		115	360	360	
Storage Blk Time (%)						4	1			
Queuing Penalty (veh)						6	3			

Intersection: 9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd

Movement	EB	EB	WB	WB	WB	NB	NB	SB	SB	SB	SB
Directions Served	T	TR	L	T	T	LT	R	L	L	T	R
Maximum Queue (ft)	170	186	101	161	180	112	192	219	241	147	108
Average Queue (ft)	98	138	60	54	102	34	91	119	148	37	49
95th Queue (ft)	178	207	100	128	186	86	158	197	210	96	86
Link Distance (ft)	160	160		103	103		1666			1351	
Upstream Blk Time (%)	1	8	1	3	8						
Queuing Penalty (veh)	3	26	0	9	29						
Storage Bay Dist (ft)			140			100		240	240		240
Storage Blk Time (%)			1	3		1	8	0	0		
Queuing Penalty (veh)			3	3		1	3	0	1		

Intersection: 10: Brunswick Rd & SR 49/20 EB On Ramp

Movement	EB	EB	WB	WB	WB	NB	NB	B52
Directions Served	T	TR	T	T	R	<	R	T
Maximum Queue (ft)	150	165	190	270	165	219	237	350
Average Queue (ft)	54	59	61	85	6	138	167	75
95th Queue (ft)	122	128	149	204	71	220	250	252
Link Distance (ft)	456	456	334	334	334	145	145	915
Upstream Blk Time (%)				0	0	11	22	
Queuing Penalty (veh)				0	0	0	0	
Storage Bay Dist (ft)								
Storage Blk Time (%)								
Queuing Penalty (veh)								

Intersection: 11: Sutton Way & Brunswick Rd

Movement	EB	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB
Directions Served	L	L	T	T	R	UL	T	TR	L	L	TR	L
Maximum Queue (ft)	147	165	232	246	222	208	309	361	276	330	244	149
Average Queue (ft)	67	85	115	125	99	95	147	220	109	180	98	69
95th Queue (ft)	121	137	196	206	175	166	254	323	225	278	185	125
Link Distance (ft)			334	334			1884	1884		1476		229
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	240	240			240	120			280		280	
Storage Blk Time (%)			0	0	0	4	11		0	1	0	
Queuing Penalty (veh)			0	0	0	13	15		0	3	0	

Intersection: 11: Sutton Way & Brunswick Rd

Movement	SB
Directions Served	T
Maximum Queue (ft)	117
Average Queue (ft)	56
95th Queue (ft)	102
Link Distance (ft)	229
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 22: SR 49 EB Ramps & Dorsey Dr

Movement	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	T	T	TR	L	LT	R
Maximum Queue (ft)	195	215	147	158	169	109	145	119
Average Queue (ft)	88	93	58	57	72	41	60	53
95th Queue (ft)	160	181	112	112	134	84	111	95
Link Distance (ft)	211	211		1564	1564		800	
Upstream Blk Time (%)	0	1						
Queuing Penalty (veh)	0	3						
Storage Bay Dist (ft)			140			220		220
Storage Blk Time (%)			0	0			0	
Queuing Penalty (veh)			0	0			0	

Intersection: 23: Dorsey Dr & Sr 49 WB Ramps

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	R	L	T	T	LT	R
Maximum Queue (ft)	395	180	209	134	140	192	74
Average Queue (ft)	161	99	106	43	40	92	35
95th Queue (ft)	332	190	178	101	102	154	62
Link Distance (ft)	548		211	211	211	1120	1120
Upstream Blk Time (%)	1		0	0	0		
Queuing Penalty (veh)	0		1	0	0		
Storage Bay Dist (ft)		155					
Storage Blk Time (%)	7	1					
Queuing Penalty (veh)	27	4					

Zone Summary

Zone wide Queuing Penalty: 190

MOVEMENT SUMMARY

Site: 5 [Main St / Idaho Maryland Rd]

EPAP plus Project PM Peak
To SR 49
Site Category: (None)
Roundabout

Movement Performance - Vehicles												
Mov ID	Turn	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: SR 49 Ramps												
3	L2	75	3.0	0.245	6.6	LOS A	1.1	28.6	0.54	0.47	0.54	33.4
8	T1	71	3.0	0.245	6.6	LOS A	1.1	28.6	0.54	0.47	0.54	33.4
18	R2	73	3.0	0.245	6.6	LOS A	1.1	28.6	0.54	0.47	0.54	32.4
Approach		218	3.0	0.245	6.6	LOS A	1.1	28.6	0.54	0.47	0.54	33.1
East: Idaho Maryland Rd												
1	L2	372	3.0	0.375	7.7	LOS A	1.8	46.7	0.54	0.46	0.54	31.3
6	T1	258	3.0	0.493	9.5	LOS A	3.3	83.3	0.61	0.58	0.72	32.8
16	R2	234	3.0	0.493	9.5	LOS A	3.3	83.3	0.61	0.58	0.72	31.8
Approach		863	3.0	0.493	8.7	LOS A	3.3	83.3	0.58	0.53	0.64	31.9
North: Main St												
7	L2	77	3.0	0.389	9.8	LOS A	1.8	47.2	0.65	0.70	0.80	32.2
4	T1	213	3.0	0.389	9.8	LOS A	1.8	47.2	0.65	0.70	0.80	32.1
14	R2	329	3.0	0.203	0.0	LOS A	0.0	0.0	0.00	0.00	0.00	37.2
Approach		619	3.0	0.389	4.6	LOS A	1.8	47.2	0.30	0.33	0.38	34.6
West: Main St												
5	L2	207	3.0	0.452	10.7	LOS B	2.5	63.9	0.66	0.75	0.92	31.0
2	T1	107	3.0	0.452	10.7	LOS B	2.5	63.9	0.66	0.75	0.92	30.9
12	R2	35	3.0	0.452	10.7	LOS B	2.5	63.9	0.66	0.75	0.92	30.1
Approach		349	3.0	0.452	10.7	LOS B	2.5	63.9	0.66	0.75	0.92	30.9
All Vehicles		2049	3.0	0.493	7.6	LOS A	3.3	83.3	0.50	0.50	0.60	32.6

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Signalised Intersections.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Intersection	
Intersection Delay, s/veh	9.3
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	15	96	6	0	0	0	0	86	100	89	100	0
Future Vol, veh/h	15	96	6	0	0	0	0	86	100	89	100	0
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	17	109	7	0	0	0	0	98	114	101	114	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	9	9.8	9.1
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	24%	0%	100%	0%
Vol Thru, %	46%	76%	89%	0%	100%
Vol Right, %	54%	0%	11%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	186	63	54	89	100
LT Vol	0	15	0	89	0
Through Vol	86	48	48	0	100
RT Vol	100	0	6	0	0
Lane Flow Rate	211	72	61	101	114
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.284	0.113	0.094	0.157	0.16
Departure Headway (Hd)	4.83	5.688	5.49	5.587	5.084
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	744	629	652	642	705
Service Time	2.864	3.432	3.234	3.323	2.82
HCM Lane V/C Ratio	0.284	0.114	0.094	0.157	0.162
HCM Control Delay	9.8	9.2	8.8	9.4	8.8
HCM Lane LOS	A	A	A	A	A
HCM 95th-tile Q	1.2	0.4	0.3	0.6	0.6

Intersection	
Intersection Delay, s/veh	18.9
Intersection LOS	C

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	197	19	32	204	125	367
Future Vol, veh/h	197	19	32	204	125	367
Peak Hour Factor	0.77	0.77	0.77	0.77	0.77	0.77
Heavy Vehicles, %	3	2	5	31	11	14
Mvmt Flow	256	25	42	265	162	477
Number of Lanes	1	0	0	2	1	1

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	2	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	2	0	2
HCM Control Delay	16.3	13.4	22.7
HCM LOS	C	B	C

Lane	NBLn1	NBLn2	EBLn1	WBLn1	WBLn2
Vol Left, %	100%	0%	0%	32%	0%
Vol Thru, %	0%	0%	91%	68%	100%
Vol Right, %	0%	100%	9%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	125	367	216	100	136
LT Vol	125	0	0	32	0
Through Vol	0	0	197	68	136
RT Vol	0	367	19	0	0
Lane Flow Rate	162	477	281	130	177
Geometry Grp	7	7	4	7	7
Degree of Util (X)	0.316	0.775	0.51	0.255	0.36
Departure Headway (Hd)	7.017	5.852	6.541	7.059	7.347
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	511	615	550	506	487
Service Time	4.774	3.608	4.601	4.828	5.116
HCM Lane V/C Ratio	0.317	0.776	0.511	0.257	0.363
HCM Control Delay	13	26	16.3	12.3	14.2
HCM Lane LOS	B	D	C	B	B
HCM 95th-tile Q	1.3	7.3	2.9	1	1.6

Intersection	
Intersection Delay, s/veh	12.1
Intersection LOS	B

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	475	68	20	175	44	7
Future Vol, veh/h	475	68	20	175	44	7
Peak Hour Factor	0.78	0.78	0.78	0.78	0.78	0.78
Heavy Vehicles, %	14	5	2	24	5	3
Mvmt Flow	609	87	26	224	56	9
Number of Lanes	2	0	0	2	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	2	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	2
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	1	0	2
HCM Control Delay	13.1	10	9.7
HCM LOS	B	A	A

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2
Vol Left, %	86%	0%	0%	26%	0%
Vol Thru, %	0%	100%	70%	74%	100%
Vol Right, %	14%	0%	30%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	51	317	226	78	117
LT Vol	44	0	0	20	0
Through Vol	0	317	158	58	117
RT Vol	7	0	68	0	0
Lane Flow Rate	65	406	290	100	150
Geometry Grp	2	7	7	7	7
Degree of Util (X)	0.108	0.583	0.388	0.154	0.24
Departure Headway (Hd)	5.957	5.173	4.808	5.522	5.77
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	599	698	749	647	621
Service Time	4.018	2.911	2.546	3.275	3.523
HCM Lane V/C Ratio	0.109	0.582	0.387	0.155	0.242
HCM Control Delay	9.7	14.9	10.6	9.3	10.4
HCM Lane LOS	A	B	B	A	B
HCM 95th-tile Q	0.4	3.8	1.8	0.5	0.9

Intersection	
Int Delay, s/veh	6.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	162	46	0	55	132	239	10	11	238	3
Future Vol, veh/h	0	0	162	46	0	55	132	239	10	11	238	3
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	0	550	-	-	120	-	150
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	83	83	83	83	83	83	83	83	83	83	83	83
Heavy Vehicles, %	2	2	8	2	2	2	12	17	2	2	14	2
Mvmt Flow	0	0	195	55	0	66	159	288	12	13	287	4

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	-	931	287	1025	929	294	291	0	0	300	0	0
Stage 1	-	313	-	612	612	-	-	-	-	-	-	-
Stage 2	-	618	-	413	317	-	-	-	-	-	-	-
Critical Hdwy	-	6.52	6.28	7.12	6.52	6.22	4.22	-	-	4.12	-	-
Critical Hdwy Stg 1	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	-	4.018	3.372	3.518	4.018	3.318	2.308	-	-	2.218	-	-
Pot Cap-1 Maneuver	0	267	738	213	268	745	1216	-	-	1261	-	-
Stage 1	0	657	-	480	484	-	-	-	-	-	-	-
Stage 2	0	481	-	616	654	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	-	230	738	140	230	745	1216	-	-	1261	-	-
Mov Cap-2 Maneuver	-	230	-	140	230	-	-	-	-	-	-	-
Stage 1	-	650	-	417	421	-	-	-	-	-	-	-
Stage 2	-	418	-	448	647	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	11.6	26.8	2.9	0.3
HCM LOS	B	D		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	1216	-	-	738	140	745	1261	-	-
HCM Lane V/C Ratio	0.131	-	-	0.264	0.396	0.089	0.011	-	-
HCM Control Delay (s)	8.4	-	-	11.6	46.6	10.3	7.9	-	-
HCM Lane LOS	A	-	-	B	E	B	A	-	-
HCM 95th %tile Q(veh)	0.5	-	-	1.1	1.7	0.3	0	-	-

Intersection	
Int Delay, s/veh	0.9

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	13	28	36	368	382	49
Future Vol, veh/h	13	28	36	368	382	49
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	76	76	76	76	76	76
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	17	37	47	484	503	64

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1113	284	567	0	-	0
Stage 1	535	-	-	-	-	-
Stage 2	578	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	216	711	991	-	-	-
Stage 1	552	-	-	-	-	-
Stage 2	560	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	206	711	991	-	-	-
Mov Cap-2 Maneuver	408	-	-	-	-	-
Stage 1	526	-	-	-	-	-
Stage 2	560	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	11.5	0.8	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	991	-	408	711	-	-
HCM Lane V/C Ratio	0.048	-	0.042	0.052	-	-
HCM Control Delay (s)	8.8	-	14.2	10.3	-	-
HCM Lane LOS	A	-	B	B	-	-
HCM 95th %tile Q(veh)	0.1	-	0.1	0.2	-	-

Intersection	
Intersection Delay, s/veh	13
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	20	10	20	29	26	83	24	342	6	30	184	11
Future Vol, veh/h	20	10	20	29	26	83	24	342	6	30	184	11
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles, %	3	2	2	2	2	4	2	9	2	3	9	3
Mvmt Flow	22	11	22	32	29	92	27	380	7	33	204	12
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	9.5	10.2	15.7	11.1
HCM LOS	A	B	C	B

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	40%	21%	100%	0%
Vol Thru, %	0%	98%	20%	19%	0%	94%
Vol Right, %	0%	2%	40%	60%	0%	6%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	24	348	50	138	30	195
LT Vol	24	0	20	29	30	0
Through Vol	0	342	10	26	0	184
RT Vol	0	6	20	83	0	11
Lane Flow Rate	27	387	56	153	33	217
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.044	0.597	0.09	0.233	0.057	0.344
Departure Headway (Hd)	5.956	5.559	5.862	5.474	6.156	5.713
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	603	650	611	656	583	630
Service Time	3.677	3.28	3.903	3.508	3.882	3.439
HCM Lane V/C Ratio	0.045	0.595	0.092	0.233	0.057	0.344
HCM Control Delay	9	16.2	9.5	10.2	9.3	11.4
HCM Lane LOS	A	C	A	B	A	B
HCM 95th-tile Q	0.1	4	0.3	0.9	0.2	1.5

Intersection	
Int Delay, s/veh	5.6

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	52	123	127	245	128	47
Future Vol, veh/h	52	123	127	245	128	47
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	80	80	80	80	80	80
Heavy Vehicles, %	3	13	10	5	3	2
Mvmt Flow	65	154	159	306	160	59

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	159	0	-	0	443	159
Stage 1	-	-	-	-	159	-
Stage 2	-	-	-	-	284	-
Critical Hdwy	4.13	-	-	-	6.43	6.22
Critical Hdwy Stg 1	-	-	-	-	5.43	-
Critical Hdwy Stg 2	-	-	-	-	5.43	-
Follow-up Hdwy	2.227	-	-	-	3.527	3.318
Pot Cap-1 Maneuver	1414	-	-	0	570	886
Stage 1	-	-	-	0	867	-
Stage 2	-	-	-	0	762	-
Platoon blocked, %			-	-		
Mov Cap-1 Maneuver	1414	-	-	-	544	886
Mov Cap-2 Maneuver	-	-	-	-	544	-
Stage 1	-	-	-	-	827	-
Stage 2	-	-	-	-	762	-

Approach	EB	WB	SB
HCM Control Delay, s	2.3	0	13.1
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1414	-	-	544	886
HCM Lane V/C Ratio	0.046	-	-	0.294	0.066
HCM Control Delay (s)	7.7	-	-	14.4	9.4
HCM Lane LOS	A	-	-	B	A
HCM 95th %tile Q(veh)	0.1	-	-	1.2	0.2

Intersection	
Int Delay, s/veh	1.5

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	54	15	22	317	138	95
Future Vol, veh/h	54	15	22	317	138	95
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	500	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	9	9	2
Mvmt Flow	61	17	25	360	157	108

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	621	211	265	0	-	0
Stage 1	211	-	-	-	-	-
Stage 2	410	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	451	829	1299	-	-	-
Stage 1	824	-	-	-	-	-
Stage 2	670	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	442	829	1299	-	-	-
Mov Cap-2 Maneuver	594	-	-	-	-	-
Stage 1	808	-	-	-	-	-
Stage 2	670	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	11.5	0.5	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1299	-	633	-	-
HCM Lane V/C Ratio	0.019	-	0.124	-	-
HCM Control Delay (s)	7.8	-	11.5	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0.1	-	0.4	-	-

Intersection	
Int Delay, s/veh	0.8

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	40	0	0	61	0	10
Future Vol, veh/h	40	0	0	61	0	10
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	3	2	2	2	2	2
Mvmt Flow	43	0	0	66	0	11

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	43	0	109	43
Stage 1	-	-	-	-	43	-
Stage 2	-	-	-	-	66	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1566	-	888	1027
Stage 1	-	-	-	-	979	-
Stage 2	-	-	-	-	957	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1566	-	888	1027
Mov Cap-2 Maneuver	-	-	-	-	888	-
Stage 1	-	-	-	-	979	-
Stage 2	-	-	-	-	957	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	8.5
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	1027	-	-	1566	-
HCM Lane V/C Ratio	0.011	-	-	-	-
HCM Control Delay (s)	8.5	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	0	-	-	0	-

Intersection	
Int Delay, s/veh	1.1

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	186	173	10	154	39	6
Future Vol, veh/h	186	173	10	154	39	6
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	175	100	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	75	75	75	75	75	75
Heavy Vehicles, %	4	8	2	8	5	2
Mvmt Flow	248	231	13	205	52	8

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	479	0	479	248
Stage 1	-	-	-	-	248	-
Stage 2	-	-	-	-	231	-
Critical Hdwy	-	-	4.12	-	6.45	6.22
Critical Hdwy Stg 1	-	-	-	-	5.45	-
Critical Hdwy Stg 2	-	-	-	-	5.45	-
Follow-up Hdwy	-	-	2.218	-	3.545	3.318
Pot Cap-1 Maneuver	-	-	1083	-	540	791
Stage 1	-	-	-	-	786	-
Stage 2	-	-	-	-	800	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1083	-	534	791
Mov Cap-2 Maneuver	-	-	-	-	534	-
Stage 1	-	-	-	-	786	-
Stage 2	-	-	-	-	790	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.5	12.2
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	558	-	-	1083	-
HCM Lane V/C Ratio	0.108	-	-	0.012	-
HCM Control Delay (s)	12.2	-	-	8.4	-
HCM Lane LOS	B	-	-	A	-
HCM 95th %tile Q(veh)	0.4	-	-	0	-

Intersection	
Intersection Delay, s/veh	8.5
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	48	124	89	47	30	59
Future Vol, veh/h	48	124	89	47	30	59
Peak Hour Factor	0.85	0.85	0.85	0.85	0.85	0.85
Heavy Vehicles, %	3	3	7	2	2	3
Mvmt Flow	56	146	105	55	35	69
Number of Lanes	0	1	1	0	1	1

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	2	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	2	1
HCM Control Delay	8.9	8.3	8.2
HCM LOS	A	A	A

Lane	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	28%	0%	100%	0%
Vol Thru, %	72%	65%	0%	0%
Vol Right, %	0%	35%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	172	136	30	59
LT Vol	48	0	30	0
Through Vol	124	89	0	0
RT Vol	0	47	0	59
Lane Flow Rate	202	160	35	69
Geometry Grp	2	2	7	7
Degree of Util (X)	0.249	0.191	0.057	0.09
Departure Headway (Hd)	4.437	4.293	5.843	4.652
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	811	837	614	770
Service Time	2.455	2.311	3.569	2.378
HCM Lane V/C Ratio	0.249	0.191	0.057	0.09
HCM Control Delay	8.9	8.3	8.9	7.8
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	1	0.7	0.2	0.3

Intersection	
Intersection Delay, s/veh	8.2
Intersection LOS	A

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	32	49	89	38	43	46
Future Vol, veh/h	32	49	89	38	43	46
Peak Hour Factor	0.78	0.78	0.78	0.78	0.78	0.78
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	41	63	114	49	55	59
Number of Lanes	1	0	0	1	1	1

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	7.9	8.7	7.6
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	SBLn1	SBLn2
Vol Left, %	70%	40%	0%	0%
Vol Thru, %	30%	0%	100%	0%
Vol Right, %	0%	60%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	127	81	43	46
LT Vol	89	32	0	0
Through Vol	38	0	43	0
RT Vol	0	49	0	46
Lane Flow Rate	163	104	55	59
Geometry Grp	5	2	7	7
Degree of Util (X)	0.201	0.124	0.075	0.069
Departure Headway (Hd)	4.543	4.282	4.906	4.203
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	795	841	735	857
Service Time	2.543	2.287	2.606	1.903
HCM Lane V/C Ratio	0.205	0.124	0.075	0.069
HCM Control Delay	8.7	7.9	8	7.2
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.7	0.4	0.2	0.2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	28	80	335	120	212	206
Future Volume (veh/h)	28	80	335	120	212	206
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1826	1796	1767	1826	1767	1767
Adj Flow Rate, veh/h	30	87	364	130	230	224
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	7	9	5	9	9
Cap, veh/h	164	416	529	463	301	1089
Arrive On Green	0.09	0.09	0.30	0.30	0.18	0.62
Sat Flow, veh/h	1739	1522	1767	1547	1682	1767
Grp Volume(v), veh/h	30	87	364	130	230	224
Grp Sat Flow(s),veh/h/ln	1739	1522	1767	1547	1682	1767
Q Serve(g_s), s	0.6	1.6	6.7	2.4	4.8	2.1
Cycle Q Clear(g_c), s	0.6	1.6	6.7	2.4	4.8	2.1
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	164	416	529	463	301	1089
V/C Ratio(X)	0.18	0.21	0.69	0.28	0.76	0.21
Avail Cap(c_a), veh/h	663	853	1442	1263	905	2350
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	15.4	10.3	11.4	9.9	14.4	3.1
Incr Delay (d2), s/veh	0.5	0.2	1.6	0.3	4.0	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.2	0.4	1.9	0.6	1.6	0.1
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	16.0	10.6	13.0	10.2	18.5	3.2
LnGrp LOS	B	B	B	B	B	A
Approach Vol, veh/h	117		494			454
Approach Delay, s/veh	12.0		12.3			10.9
Approach LOS	B		B			B

Timer - Assigned Phs	1	2			6	8
Phs Duration (G+Y+Rc), s	11.7	16.9			28.6	8.4
Change Period (Y+Rc), s	5.1	5.8			5.8	4.9
Max Green Setting (Gmax), s	19.3	30.2			49.2	14.1
Max Q Clear Time (g_c+I1), s	6.8	8.7			4.1	3.6
Green Ext Time (p_c), s	0.5	2.3			1.2	0.2

Intersection Summary	
HCM 6th Ctrl Delay	11.7
HCM 6th LOS	B

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	30	87	364	130	230	224
v/c Ratio	0.11	0.14	0.57	0.21	0.48	0.14
Control Delay	24.2	3.4	17.3	4.3	19.9	2.2
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	24.2	3.4	17.3	4.3	19.9	2.2
Queue Length 50th (ft)	5	0	48	0	32	0
Queue Length 95th (ft)	35	21	198	31	146	42
Internal Link Dist (ft)	1182		910			653
Turn Bay Length (ft)	165			405	405	
Base Capacity (vph)	639	964	1387	1209	902	1711
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.05	0.09	0.26	0.11	0.25	0.13

Intersection Summary

1: Tinloy St /Tinloy St & Neal St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	0.2	0.0	0.0
Total Del/Veh (s)	2.8	9.3	4.3	5.0

2: SR 49 On-Ramp/Tinloy St & Auburn St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	1.5	0.0	0.5
Total Del/Veh (s)	4.4	6.0	8.3	6.2

3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	0.2	0.1
Total Del/Veh (s)	5.4	7.5	0.4	3.8

8: Main St & Maltman Dr/Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	1.3	2.1	1.0
Total Del/Veh (s)	13.9	4.4	7.8	6.8	6.0

9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.0	0.7	2.9	0.9
Total Del/Veh (s)	4.4	8.5	22.1	37.5	16.4

10: Brunswick Rd & SR 49/20 EB On Ramp Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.6	3.9	20.4	8.8

11: Sutton Way & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.3	1.4	0.0	0.2
Total Del/Veh (s)	5.7	8.7	10.8	1.1	5.1

22: SR 49 EB Ramps & Dorsey Dr Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.2	1.6	0.9
Total Del/Veh (s)	11.6	10.4	7.1	9.0

23: Dorsey Dr & Sr 49 WB Ramps Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	1.8	0.0	0.1	0.5
Total Del/Veh (s)	6.5	5.4	8.3	6.1

Total Zone Performance

Denied Del/Veh (s)	1.1
Total Del/Veh (s)	72.2

Intersection: 1: Tinloy St /Tinloy St & Neal St

Movement	EB	WB	SB	SB
Directions Served	TR	LT	LT	TR
Maximum Queue (ft)	84	108	72	53
Average Queue (ft)	31	47	23	15
95th Queue (ft)	66	87	56	41
Link Distance (ft)	93	1538	960	960
Upstream Blk Time (%)	0			
Queuing Penalty (veh)	0			
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 2: SR 49 On-Ramp/Tinloy St & Auburn St

Movement	EB	WB	WB	SB	SB
Directions Served	TR	LT	T	LT	TR
Maximum Queue (ft)	86	59	85	92	71
Average Queue (ft)	40	23	35	46	23
95th Queue (ft)	71	52	71	82	55
Link Distance (ft)	135		897	99	99
Upstream Blk Time (%)	0			0	0
Queuing Penalty (veh)	0			0	0
Storage Bay Dist (ft)		100			
Storage Blk Time (%)			0		
Queuing Penalty (veh)			0		

Intersection: 3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp

Movement	WB	WB	NB	NB
Directions Served	LT	TR	L	T
Maximum Queue (ft)	67	53	31	48
Average Queue (ft)	35	26	6	30
95th Queue (ft)	55	50	27	45
Link Distance (ft)	1196	1196		262
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)			100	
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 8: Main St & Maltman Dr/Brunswick Rd

Movement	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	LTR	L	LT	R	L	T	R	L	L	TR
Maximum Queue (ft)	38	60	52	71	25	68	57	56	92	58
Average Queue (ft)	7	18	16	24	2	24	16	8	36	13
95th Queue (ft)	27	44	43	50	11	57	46	34	71	38
Link Distance (ft)	777	160	160	160		1486				1622
Upstream Blk Time (%)										
Queuing Penalty (veh)										
Storage Bay Dist (ft)					115		115	360	360	
Storage Blk Time (%)										
Queuing Penalty (veh)										

Intersection: 9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd

Movement	EB	EB	WB	WB	WB	NB	NB	SB	SB	SB	SB
Directions Served	T	TR	L	T	T	LT	R	L	L	T	R
Maximum Queue (ft)	54	93	82	78	98	40	30	116	150	51	54
Average Queue (ft)	10	23	27	11	24	6	8	33	77	13	22
95th Queue (ft)	36	63	64	43	69	25	28	87	135	41	48
Link Distance (ft)	160	160		103	103		1666			1351	
Upstream Blk Time (%)		0	0	0	0						
Queuing Penalty (veh)		0	0	0	0						
Storage Bay Dist (ft)			140			100		240	240		240
Storage Blk Time (%)			0	0							
Queuing Penalty (veh)			0	0							

Intersection: 10: Brunswick Rd & SR 49/20 EB On Ramp

Movement	EB	EB	WB	WB	NB	NB	B52
Directions Served	T	TR	T	T	<	R	T
Maximum Queue (ft)	55	48	40	48	186	144	55
Average Queue (ft)	5	5	3	4	85	61	3
95th Queue (ft)	27	25	20	24	152	110	41
Link Distance (ft)	456	456	334	334	145	145	915
Upstream Blk Time (%)					2	0	
Queuing Penalty (veh)					0	0	
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 11: Sutton Way & Brunswick Rd

Movement	EB	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB
Directions Served	L	L	T	T	R	UL	T	TR	L	L	TR	L
Maximum Queue (ft)	47	63	96	112	63	60	104	116	26	74	38	44
Average Queue (ft)	15	31	21	45	16	19	36	49	2	27	14	14
95th Queue (ft)	42	58	65	90	46	46	77	97	13	57	33	40
Link Distance (ft)			334	334			1884	1884		1476		229
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	240	240			240	120			280		280	
Storage Blk Time (%)							0					
Queuing Penalty (veh)							0					

Intersection: 11: Sutton Way & Brunswick Rd

Movement	SB
Directions Served	T
Maximum Queue (ft)	38
Average Queue (ft)	5
95th Queue (ft)	24
Link Distance (ft)	229
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 22: SR 49 EB Ramps & Dorsey Dr

Movement	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	T	T	TR	L	LT	R
Maximum Queue (ft)	77	110	51	61	65	60	130	46
Average Queue (ft)	28	40	15	26	27	20	60	20
95th Queue (ft)	62	84	41	52	54	50	107	41
Link Distance (ft)	211	211		1564	1564		800	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)			140			220		220
Storage Blk Time (%)								
Queuing Penalty (veh)								

Intersection: 23: Dorsey Dr & Sr 49 WB Ramps

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	R	L	T	T	LT	R
Maximum Queue (ft)	82	44	97	94	90	62	57
Average Queue (ft)	32	17	41	29	22	25	27
95th Queue (ft)	69	39	77	70	65	57	50
Link Distance (ft)	548		211	211	211	1120	1120
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)		155					
Storage Blk Time (%)							
Queuing Penalty (veh)							

Zone Summary

Zone wide Queuing Penalty: 1

MOVEMENT SUMMARY

Site: 5 [Main St / Idaho Maryland Rd]

EPAP plus Project 0630-0730 AM
To SR 49
Site Category: (None)
Roundabout

Movement Performance - Vehicles												
Mov ID	Turn	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: SR 49 Ramps												
3	L2	16	3.0	0.089	4.7	LOS A	0.4	9.3	0.45	0.34	0.45	34.9
8	T1	22	3.0	0.089	4.7	LOS A	0.4	9.3	0.45	0.34	0.45	34.8
18	R2	45	3.0	0.089	4.7	LOS A	0.4	9.3	0.45	0.34	0.45	33.8
Approach		83	3.0	0.089	4.7	LOS A	0.4	9.3	0.45	0.34	0.45	34.2
East: Idaho Maryland Rd												
1	L2	148	3.0	0.128	4.2	LOS A	0.5	13.4	0.32	0.19	0.32	32.9
6	T1	62	3.0	0.156	4.5	LOS A	0.7	16.8	0.33	0.20	0.33	35.4
16	R2	118	3.0	0.156	4.5	LOS A	0.7	16.8	0.33	0.20	0.33	34.3
Approach		329	3.0	0.156	4.3	LOS A	0.7	16.8	0.32	0.20	0.32	33.8
North: Main St												
7	L2	70	3.0	0.197	5.0	LOS A	0.8	20.6	0.35	0.24	0.35	34.4
4	T1	153	3.0	0.197	5.0	LOS A	0.8	20.6	0.35	0.24	0.35	34.3
14	R2	77	3.0	0.047	0.0	LOS A	0.0	0.0	0.00	0.00	0.00	37.2
Approach		300	3.0	0.197	3.7	LOS A	0.8	20.6	0.26	0.18	0.26	35.0
West: Main St												
5	L2	148	3.0	0.295	6.6	LOS A	1.3	32.2	0.49	0.42	0.49	33.0
2	T1	122	3.0	0.295	6.6	LOS A	1.3	32.2	0.49	0.42	0.49	33.0
12	R2	23	3.0	0.295	6.6	LOS A	1.3	32.2	0.49	0.42	0.49	32.1
Approach		294	3.0	0.295	6.6	LOS A	1.3	32.2	0.49	0.42	0.49	32.9
All Vehicles		1005	3.0	0.295	4.8	LOS A	1.3	32.2	0.36	0.27	0.36	33.9

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Signalised Intersections.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Intersection	
Intersection Delay, s/veh	15.2
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	47	329	3	0	0	0	0	96	155	164	304	0
Future Vol, veh/h	47	329	3	0	0	0	0	96	155	164	304	0
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	52	366	3	0	0	0	0	107	172	182	338	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	14.1	14.8	16.2
HCM LOS	B	B	C

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	22%	0%	100%	0%
Vol Thru, %	38%	78%	98%	0%	100%
Vol Right, %	62%	0%	2%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	251	212	168	164	304
LT Vol	0	47	0	164	0
Through Vol	96	165	165	0	304
RT Vol	155	0	3	0	0
Lane Flow Rate	279	235	186	182	338
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.479	0.445	0.346	0.344	0.591
Departure Headway (Hd)	6.184	6.822	6.697	6.805	6.297
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	583	526	536	528	571
Service Time	4.234	4.574	4.449	4.557	4.049
HCM Lane V/C Ratio	0.479	0.447	0.347	0.345	0.592
HCM Control Delay	14.8	15	13	13.1	17.8
HCM Lane LOS	B	B	B	B	C
HCM 95th-tile Q	2.6	2.3	1.5	1.5	3.8

Intersection	
Intersection Delay, s/veh	25.7
Intersection LOS	D

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	288	61	57	644	203	224
Future Vol, veh/h	288	61	57	644	203	224
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94
Heavy Vehicles, %	4	6	2	12	6	28
Mvmt Flow	306	65	61	685	216	238
Number of Lanes	1	0	0	2	1	1

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	2	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	2	0	2
HCM Control Delay	23.7	31.9	17
HCM LOS	C	D	C

Lane	NBLn1	NBLn2	EBLn1	WBLn1	WBLn2
Vol Left, %	100%	0%	0%	21%	0%
Vol Thru, %	0%	0%	83%	79%	100%
Vol Right, %	0%	100%	17%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	203	224	349	272	429
LT Vol	203	0	0	57	0
Through Vol	0	0	288	215	429
RT Vol	0	224	61	0	0
Lane Flow Rate	216	238	371	289	457
Geometry Grp	7	7	4	7	7
Degree of Util (X)	0.479	0.473	0.693	0.548	0.874
Departure Headway (Hd)	7.986	7.14	6.717	6.825	6.891
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	449	503	535	526	525
Service Time	5.757	4.911	4.785	4.603	4.669
HCM Lane V/C Ratio	0.481	0.473	0.693	0.549	0.87
HCM Control Delay	17.9	16.2	23.7	17.7	40.9
HCM Lane LOS	C	C	C	C	E
HCM 95th-tile Q	2.5	2.5	5.4	3.3	9.6

Intersection	
Intersection Delay, s/veh	18.4
Intersection LOS	C

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	390	88	31	545	107	49
Future Vol, veh/h	390	88	31	545	107	49
Peak Hour Factor	0.78	0.78	0.78	0.78	0.78	0.78
Heavy Vehicles, %	39	4	2	7	5	2
Mvmt Flow	480	108	38	671	132	60
Number of Lanes	2	0	0	2	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	2	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	2
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	1	0	2
HCM Control Delay	16.6	21.3	13.3
HCM LOS	C	C	B

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2
Vol Left, %	69%	0%	0%	15%	0%
Vol Thru, %	0%	100%	60%	85%	100%
Vol Right, %	31%	0%	40%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	156	260	218	213	363
LT Vol	107	0	0	31	0
Through Vol	0	260	130	182	363
RT Vol	49	0	88	0	0
Lane Flow Rate	192	320	268	262	447
Geometry Grp	2	7	7	7	7
Degree of Util (X)	0.353	0.604	0.44	0.444	0.76
Departure Headway (Hd)	6.622	6.798	5.906	6.107	6.119
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	543	531	609	589	590
Service Time	4.667	4.548	3.657	3.853	3.865
HCM Lane V/C Ratio	0.354	0.603	0.44	0.445	0.758
HCM Control Delay	13.3	19.4	13.3	13.7	25.7
HCM Lane LOS	B	C	B	B	D
HCM 95th-tile Q	1.6	4	2.2	2.3	6.8

Intersection	
Int Delay, s/veh	8.9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	200	27	0	49	211	478	50	86	434	13
Future Vol, veh/h	0	0	200	27	0	49	211	478	50	86	434	13
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	0	550	-	-	120	-	150
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	94	94	94	94	94	94	94	94	94	94	94	94
Heavy Vehicles, %	2	2	5	2	2	2	4	5	2	2	12	2
Mvmt Flow	0	0	213	29	0	52	224	509	53	91	462	14

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	-	1654	462	1742	1642	536	476	0	0	562	0	0
Stage 1	-	644	-	984	984	-	-	-	-	-	-	-
Stage 2	-	1010	-	758	658	-	-	-	-	-	-	-
Critical Hdwy	-	6.52	6.25	7.12	6.52	6.22	4.14	-	-	4.12	-	-
Critical Hdwy Stg 1	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	-	4.018	3.345	3.518	4.018	3.318	2.236	-	-	2.218	-	-
Pot Cap-1 Maneuver	0	98	594	68	100	545	1076	-	-	1009	-	-
Stage 1	0	468	-	299	327	-	-	-	-	-	-	-
Stage 2	0	317	-	399	461	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	-	71	594	34	72	545	1076	-	-	1009	-	-
Mov Cap-2 Maneuver	-	71	-	34	72	-	-	-	-	-	-	-
Stage 1	-	426	-	237	259	-	-	-	-	-	-	-
Stage 2	-	251	-	233	420	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	14.4	107.3	2.6	1.4
HCM LOS	B	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	1076	-	-	594	34	545	1009	-	-
HCM Lane V/C Ratio	0.209	-	-	0.358	0.845	0.096	0.091	-	-
HCM Control Delay (s)	9.2	-	-	14.4	279.6	12.3	8.9	-	-
HCM Lane LOS	A	-	-	B	F	B	A	-	-
HCM 95th %tile Q(veh)	0.8	-	-	1.6	3	0.3	0.3	-	-

Intersection	
Int Delay, s/veh	1.6

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	68	71	41	674	618	34
Future Vol, veh/h	68	71	41	674	618	34
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	97	97	97	97	97	97
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	70	73	42	695	637	35

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1434	336	672	0	-	0
Stage 1	655	-	-	-	-	-
Stage 2	779	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	136	658	905	-	-	-
Stage 1	480	-	-	-	-	-
Stage 2	451	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	130	658	905	-	-	-
Mov Cap-2 Maneuver	329	-	-	-	-	-
Stage 1	458	-	-	-	-	-
Stage 2	451	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	15	0.5	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	905	-	329	658	-	-
HCM Lane V/C Ratio	0.047	-	0.213	0.111	-	-
HCM Control Delay (s)	9.2	-	18.9	11.2	-	-
HCM Lane LOS	A	-	C	B	-	-
HCM 95th %tile Q(veh)	0.1	-	0.8	0.4	-	-

Intersection	
Intersection Delay, s/veh	22
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	33	33	10	17	25	85	12	358	24	127	440	26
Future Vol, veh/h	33	33	10	17	25	85	12	358	24	127	440	26
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Heavy Vehicles, %	2	2	2	2	2	4	2	9	2	4	9	3
Mvmt Flow	35	35	11	18	27	90	13	381	26	135	468	28
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	11.4	11.6	21.7	25.7
HCM LOS	B	B	C	D

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	43%	13%	100%	0%
Vol Thru, %	0%	94%	43%	20%	0%	94%
Vol Right, %	0%	6%	13%	67%	0%	6%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	12	382	76	127	127	466
LT Vol	12	0	33	17	127	0
Through Vol	0	358	33	25	0	440
RT Vol	0	24	10	85	0	26
Lane Flow Rate	13	406	81	135	135	496
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.023	0.698	0.157	0.241	0.239	0.815
Departure Headway (Hd)	6.616	6.184	6.98	6.418	6.381	5.921
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	539	581	510	555	561	610
Service Time	4.382	3.95	5.075	4.504	4.139	3.678
HCM Lane V/C Ratio	0.024	0.699	0.159	0.243	0.241	0.813
HCM Control Delay	9.5	22.1	11.4	11.6	11.1	29.7
HCM Lane LOS	A	C	B	B	B	D
HCM 95th-tile Q	0.1	5.5	0.6	0.9	0.9	8.3

Intersection	
Int Delay, s/veh	19.2

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	81	205	186	276	337	108
Future Vol, veh/h	81	205	186	276	337	108
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	91	91	91	91	91	91
Heavy Vehicles, %	2	2	2	3	2	2
Mvmt Flow	89	225	204	303	370	119

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	204	0	-	0	607	204
Stage 1	-	-	-	-	204	-
Stage 2	-	-	-	-	403	-
Critical Hdwy	4.12	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1368	-	-	0	460	837
Stage 1	-	-	-	0	830	-
Stage 2	-	-	-	0	675	-
Platoon blocked, %			-	-		
Mov Cap-1 Maneuver	1368	-	-	-	430	837
Mov Cap-2 Maneuver	-	-	-	-	430	-
Stage 1	-	-	-	-	776	-
Stage 2	-	-	-	-	675	-

Approach	EB	WB	SB
HCM Control Delay, s	2.2	0	38.1
HCM LOS			E

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1368	-	-	430	837
HCM Lane V/C Ratio	0.065	-	-	0.861	0.142
HCM Control Delay (s)	7.8	-	-	47.1	10
HCM Lane LOS	A	-	-	E	B
HCM 95th %tile Q(veh)	0.2	-	-	8.6	0.5

Intersection	
Int Delay, s/veh	0.6

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	32	9	1	362	457	10
Future Vol, veh/h	32	9	1	362	457	10
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	500	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	2	2	9	9	2
Mvmt Flow	34	9	1	381	481	11

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	870	487	492	0	-	0
Stage 1	487	-	-	-	-	-
Stage 2	383	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	322	581	1071	-	-	-
Stage 1	618	-	-	-	-	-
Stage 2	689	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	322	581	1071	-	-	-
Mov Cap-2 Maneuver	512	-	-	-	-	-
Stage 1	617	-	-	-	-	-
Stage 2	689	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	12.5	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1071	-	526	-	-
HCM Lane V/C Ratio	0.001	-	0.082	-	-
HCM Control Delay (s)	8.4	-	12.5	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.3	-	-

Intersection	
Int Delay, s/veh	0.6

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	66	0	0	63	0	10
Future Vol, veh/h	66	0	0	63	0	10
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	72	0	0	68	0	11

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	72	0	140	72
Stage 1	-	-	-	-	72	-
Stage 2	-	-	-	-	68	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1528	-	853	990
Stage 1	-	-	-	-	951	-
Stage 2	-	-	-	-	955	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1528	-	853	990
Mov Cap-2 Maneuver	-	-	-	-	853	-
Stage 1	-	-	-	-	951	-
Stage 2	-	-	-	-	955	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	8.7
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	990	-	-	1528	-
HCM Lane V/C Ratio	0.011	-	-	-	-
HCM Control Delay (s)	8.7	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	0	-	-	0	-

Intersection	
Int Delay, s/veh	28.4

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	303	120	12	400	245	37
Future Vol, veh/h	303	120	12	400	245	37
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	175	100	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	80	80	80	80	80	80
Heavy Vehicles, %	12	10	2	7	2	9
Mvmt Flow	379	150	15	500	306	46

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	529	0	909	379
Stage 1	-	-	-	-	379	-
Stage 2	-	-	-	-	530	-
Critical Hdwy	-	-	4.12	-	6.42	6.29
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.381
Pot Cap-1 Maneuver	-	-	1038	-	~ 305	653
Stage 1	-	-	-	-	692	-
Stage 2	-	-	-	-	590	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1038	-	~ 301	653
Mov Cap-2 Maneuver	-	-	-	-	~ 301	-
Stage 1	-	-	-	-	692	-
Stage 2	-	-	-	-	582	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.2	112.3
HCM LOS			F

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	324	-	-	1038	-
HCM Lane V/C Ratio	1.088	-	-	0.014	-
HCM Control Delay (s)	112.3	-	-	8.5	-
HCM Lane LOS	F	-	-	A	-
HCM 95th %tile Q(veh)	13.4	-	-	0	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Intersection Delay, s/veh	14.3
Intersection LOS	B

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	212	115	214	70	107	208
Future Vol, veh/h	212	115	214	70	107	208
Peak Hour Factor	0.85	0.85	0.85	0.85	0.85	0.85
Heavy Vehicles, %	2	8	3	2	2	4
Mvmt Flow	249	135	252	82	126	245
Number of Lanes	0	1	1	0	1	1

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	2	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	2	1
HCM Control Delay	16.8	14	12.1
HCM LOS	C	B	B

Lane	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	65%	0%	100%	0%
Vol Thru, %	35%	75%	0%	0%
Vol Right, %	0%	25%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	327	284	107	208
LT Vol	212	0	107	0
Through Vol	115	214	0	0
RT Vol	0	70	0	208
Lane Flow Rate	385	334	126	245
Geometry Grp	2	2	7	7
Degree of Util (X)	0.601	0.506	0.243	0.392
Departure Headway (Hd)	5.621	5.456	6.96	5.774
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	642	658	516	622
Service Time	3.663	3.5	4.708	3.522
HCM Lane V/C Ratio	0.6	0.508	0.244	0.394
HCM Control Delay	16.8	14	11.9	12.2
HCM Lane LOS	C	B	B	B
HCM 95th-tile Q	4	2.9	0.9	1.9

Intersection	
Intersection Delay, s/veh	15.7
Intersection LOS	C

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	144	186	127	172	179	179
Future Vol, veh/h	144	186	127	172	179	179
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	173	224	153	207	216	216
Number of Lanes	1	0	0	1	1	1

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	17.9	17.5	12.1
HCM LOS	C	C	B

Lane	NBLn1	EBLn1	SBLn1	SBLn2
Vol Left, %	42%	44%	0%	0%
Vol Thru, %	58%	0%	100%	0%
Vol Right, %	0%	56%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	299	330	179	179
LT Vol	127	144	0	0
Through Vol	172	0	179	0
RT Vol	0	186	0	179
Lane Flow Rate	360	398	216	216
Geometry Grp	5	2	7	7
Degree of Util (X)	0.596	0.627	0.378	0.335
Departure Headway (Hd)	5.954	5.68	6.307	5.594
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	605	632	569	641
Service Time	4.014	3.739	4.071	3.358
HCM Lane V/C Ratio	0.595	0.63	0.38	0.337
HCM Control Delay	17.5	17.9	12.9	11.2
HCM Lane LOS	C	C	B	B
HCM 95th-tile Q	3.9	4.4	1.8	1.5

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	177	315	418	75	166	432
Future Volume (veh/h)	177	315	418	75	166	432
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1826	1781	1767	1826	1767	1767
Adj Flow Rate, veh/h	192	342	454	82	180	470
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	8	9	5	9	9
Cap, veh/h	406	560	570	499	232	988
Arrive On Green	0.23	0.23	0.32	0.32	0.14	0.56
Sat Flow, veh/h	1739	1510	1767	1547	1682	1767
Grp Volume(v), veh/h	192	342	454	82	180	470
Grp Sat Flow(s),veh/h/ln	1739	1510	1767	1547	1682	1767
Q Serve(g_s), s	4.9	9.5	12.1	2.0	5.3	8.2
Cycle Q Clear(g_c), s	4.9	9.5	12.1	2.0	5.3	8.2
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	406	560	570	499	232	988
V/C Ratio(X)	0.47	0.61	0.80	0.16	0.78	0.48
Avail Cap(c_a), veh/h	475	621	1034	906	649	1685
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	17.0	13.2	15.9	12.5	21.5	6.8
Incr Delay (d2), s/veh	0.9	1.5	2.6	0.2	5.5	0.4
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.8	2.9	4.2	0.6	2.1	1.9
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	17.9	14.7	18.5	12.7	27.0	7.2
LnGrp LOS	B	B	B	B	C	A
Approach Vol, veh/h	534		536			650
Approach Delay, s/veh	15.8		17.6			12.7
Approach LOS	B		B			B

Timer - Assigned Phs	1	2				6	8
Phs Duration (G+Y+Rc), s	12.2	22.4				34.6	16.9
Change Period (Y+Rc), s	5.1	5.8				5.8	4.9
Max Green Setting (Gmax), s	19.9	30.2				49.2	14.1
Max Q Clear Time (g_c+I1), s	7.3	14.1				10.2	11.5
Green Ext Time (p_c), s	0.4	2.5				2.9	0.6

Intersection Summary	
HCM 6th Ctrl Delay	15.2
HCM 6th LOS	B

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	192	342	454	82	180	470
v/c Ratio	0.59	0.40	0.75	0.14	0.52	0.42
Control Delay	33.8	5.7	27.2	4.9	29.7	6.9
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	33.8	5.7	27.2	4.9	29.7	6.9
Queue Length 50th (ft)	64	22	144	0	60	76
Queue Length 95th (ft)	#160	81	284	26	135	129
Internal Link Dist (ft)	995		923			643
Turn Bay Length (ft)	165			405	405	
Base Capacity (vph)	419	1038	945	842	591	1588
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.46	0.33	0.48	0.10	0.30	0.30

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

1: Tinloy St /Tinloy St & Neal St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	0.2	0.0	0.1
Total Del/Veh (s)	8.0	15.0	5.2	8.6

2: SR 49 On-Ramp/Tinloy St & Auburn St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.4	1.0	0.0	0.5
Total Del/Veh (s)	5.6	7.8	12.9	8.6

3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.2	0.0	0.4	0.3
Total Del/Veh (s)	9.9	9.4	1.6	6.4

8: Main St & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	1.5	2.1	1.1
Total Del/Veh (s)	19.5	9.8	17.6	17.1	14.3

9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.0	0.6	2.8	0.7
Total Del/Veh (s)	15.2	14.6	19.3	36.5	20.2

10: Brunswick Rd & SR 49/20 EB On Ramp Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	9.1	9.9	27.8	14.3

11: Sutton Way & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.5	1.5	0.0	0.5
Total Del/Veh (s)	16.0	33.8	29.2	11.7	22.5

22: SR 49 EB Ramps & Dorsey Dr Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.5	2.7	0.9
Total Del/Veh (s)	13.4	14.3	13.2	13.7

23: Dorsey Dr & Sr 49 WB Ramps Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	2.9	0.0	0.2	1.3
Total Del/Veh (s)	19.0	11.6	15.6	15.6

Total Zone Performance

Denied Del/Veh (s)	1.4
Total Del/Veh (s)	683.6

Intersection: 1: Tinloy St /Tinloy St & Neal St

Movement	EB	WB	SB	SB
Directions Served	TR	LT	LT	TR
Maximum Queue (ft)	99	179	86	107
Average Queue (ft)	62	77	42	41
95th Queue (ft)	103	138	76	80
Link Distance (ft)	93	1538	960	960
Upstream Blk Time (%)	3			
Queuing Penalty (veh)	8			
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 2: SR 49 On-Ramp/Tinloy St & Auburn St

Movement	EB	WB	WB	SB	SB
Directions Served	TR	LT	T	LT	TR
Maximum Queue (ft)	117	94	137	115	100
Average Queue (ft)	65	30	63	61	51
95th Queue (ft)	104	67	109	103	87
Link Distance (ft)	135		897	99	99
Upstream Blk Time (%)	0			2	1
Queuing Penalty (veh)	0			2	1
Storage Bay Dist (ft)		100			
Storage Blk Time (%)		0	1		
Queuing Penalty (veh)		0	2		

Intersection: 3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp

Movement	WB	WB	NB	NB	SB
Directions Served	LT	TR	L	T	TR
Maximum Queue (ft)	142	131	47	66	31
Average Queue (ft)	70	56	16	36	3
95th Queue (ft)	115	95	43	56	18
Link Distance (ft)	1196	1196		262	402
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)			100		
Storage Blk Time (%)					
Queuing Penalty (veh)					

Intersection: 8: Main St & Brunswick Rd

Movement	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	LTR	L	LT	R	L	T	R	L	L	TR
Maximum Queue (ft)	49	117	115	170	36	204	139	207	228	143
Average Queue (ft)	12	46	48	85	1	90	60	68	109	60
95th Queue (ft)	38	86	87	159	9	162	116	151	181	115
Link Distance (ft)	777	160	160	160		1486				1622
Upstream Blk Time (%)		0	0	1						
Queuing Penalty (veh)		0	0	1						
Storage Bay Dist (ft)					115		115	360	360	
Storage Blk Time (%)						4	1		0	
Queuing Penalty (veh)						7	2		0	

Intersection: 9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd

Movement	EB	EB	WB	WB	WB	NB	NB	SB	SB	SB	SB
Directions Served	T	TR	L	T	T	LT	R	L	L	T	R
Maximum Queue (ft)	176	190	103	176	181	106	157	215	227	77	101
Average Queue (ft)	100	135	66	70	98	34	76	109	136	26	49
95th Queue (ft)	185	207	104	154	181	78	134	194	208	61	84
Link Distance (ft)	160	160		103	103		1666			1351	
Upstream Blk Time (%)	1	5	1	5	7						
Queuing Penalty (veh)	2	19	0	17	24						
Storage Bay Dist (ft)			140			100		240	240		240
Storage Blk Time (%)			1	5		0	4	0	0		
Queuing Penalty (veh)			4	6		1	1	0	0		

Intersection: 10: Brunswick Rd & SR 49/20 EB On Ramp

Movement	EB	EB	WB	WB	WB	NB	NB	B52
Directions Served	T	TR	T	T	R	<	R	T
Maximum Queue (ft)	154	166	243	330	338	227	231	454
Average Queue (ft)	57	60	67	93	14	140	167	97
95th Queue (ft)	120	131	177	224	124	221	252	352
Link Distance (ft)	456	456	334	334	334	145	145	915
Upstream Blk Time (%)			0	0	0	12	24	
Queuing Penalty (veh)			0	0	1	0	0	
Storage Bay Dist (ft)								
Storage Blk Time (%)								
Queuing Penalty (veh)								

Intersection: 11: Sutton Way & Brunswick Rd

Movement	EB	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB
Directions Served	L	L	T	T	R	UL	T	TR	L	L	TR	L
Maximum Queue (ft)	136	155	208	208	194	188	287	405	240	301	218	114
Average Queue (ft)	59	78	105	107	90	86	130	214	95	172	89	55
95th Queue (ft)	110	124	172	169	154	152	231	328	212	268	170	99
Link Distance (ft)			334	334			1884	1884		1476		229
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	240	240			240	120			280		280	
Storage Blk Time (%)			0	0	0	3	8		0	1		
Queuing Penalty (veh)			0	0	0	8	11		0	3		

Intersection: 11: Sutton Way & Brunswick Rd

Movement	SB	SB
Directions Served	T	R
Maximum Queue (ft)	100	12
Average Queue (ft)	47	0
95th Queue (ft)	85	11
Link Distance (ft)	229	229
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 22: SR 49 EB Ramps & Dorsey Dr

Movement	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	T	T	TR	L	LT	R
Maximum Queue (ft)	199	219	143	147	162	116	145	133
Average Queue (ft)	86	94	61	54	72	42	58	53
95th Queue (ft)	157	185	112	108	133	87	113	99
Link Distance (ft)	211	211		1564	1564		800	
Upstream Blk Time (%)	0	1						
Queuing Penalty (veh)	0	3						
Storage Bay Dist (ft)			140			220		220
Storage Blk Time (%)			0	0			0	
Queuing Penalty (veh)			1	0			0	

Intersection: 23: Dorsey Dr & Sr 49 WB Ramps

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	R	L	T	T	LT	R
Maximum Queue (ft)	473	180	204	120	115	172	73
Average Queue (ft)	176	105	107	40	37	93	33
95th Queue (ft)	374	196	179	92	90	151	57
Link Distance (ft)	548		211	211	211	1120	1120
Upstream Blk Time (%)	1		0				
Queuing Penalty (veh)	0		1				
Storage Bay Dist (ft)		155					
Storage Blk Time (%)	9	1					
Queuing Penalty (veh)	34	5					

Zone Summary

Zone wide Queuing Penalty: 159

MOVEMENT SUMMARY

Site: 5 [Main St / Idaho Maryland Rd]

EPAP plus Project 1530-1630 PM
To SR 49
Site Category: (None)
Roundabout

Movement Performance - Vehicles												
Mov ID	Turn	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: SR 49 Ramps												
3	L2	59	3.0	0.224	6.3	LOS A	1.0	25.7	0.53	0.45	0.53	33.7
8	T1	54	3.0	0.224	6.3	LOS A	1.0	25.7	0.53	0.45	0.53	33.6
18	R2	86	3.0	0.224	6.3	LOS A	1.0	25.7	0.53	0.45	0.53	32.7
Approach		200	3.0	0.224	6.3	LOS A	1.0	25.7	0.53	0.45	0.53	33.2
East: Idaho Maryland Rd												
1	L2	343	3.0	0.331	6.9	LOS A	1.6	40.4	0.49	0.40	0.49	31.7
6	T1	214	3.0	0.406	7.8	LOS A	2.1	53.3	0.53	0.43	0.53	33.6
16	R2	208	3.0	0.406	7.8	LOS A	2.1	53.3	0.53	0.43	0.53	32.6
Approach		765	3.0	0.406	7.4	LOS A	2.1	53.3	0.51	0.42	0.51	32.5
North: Main St												
7	L2	92	3.0	0.400	9.4	LOS A	2.0	50.6	0.63	0.68	0.77	32.3
4	T1	230	3.0	0.400	9.4	LOS A	2.0	50.6	0.63	0.68	0.77	32.2
14	R2	310	3.0	0.191	0.0	LOS A	0.0	0.0	0.00	0.00	0.00	37.2
Approach		632	3.0	0.400	4.8	LOS A	2.0	50.6	0.32	0.35	0.39	34.5
West: Main St												
5	L2	194	3.0	0.437	10.4	LOS B	2.3	59.5	0.66	0.74	0.89	31.1
2	T1	102	3.0	0.437	10.4	LOS B	2.3	59.5	0.66	0.74	0.89	31.1
12	R2	41	3.0	0.437	10.4	LOS B	2.3	59.5	0.66	0.74	0.89	30.3
Approach		336	3.0	0.437	10.4	LOS B	2.3	59.5	0.66	0.74	0.89	31.0
All Vehicles		1933	3.0	0.437	7.0	LOS A	2.3	59.5	0.48	0.45	0.54	32.9

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Signalised Intersections.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Intersection	
Intersection Delay, s/veh	10.2
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	28	181	5	0	0	0	0	62	62	115	200	0
Future Vol, veh/h	28	181	5	0	0	0	0	62	62	115	200	0
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	31	201	6	0	0	0	0	69	69	128	222	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	10	9.7	10.5
HCM LOS	A	A	B

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	24%	0%	100%	0%
Vol Thru, %	50%	76%	95%	0%	100%
Vol Right, %	50%	0%	5%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	124	119	96	115	200
LT Vol	0	28	0	115	0
Through Vol	62	91	91	0	200
RT Vol	62	0	5	0	0
Lane Flow Rate	138	132	106	128	222
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.203	0.215	0.168	0.207	0.329
Departure Headway (Hd)	5.304	5.866	5.71	5.839	5.335
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	672	608	624	612	671
Service Time	3.376	3.638	3.482	3.603	3.1
HCM Lane V/C Ratio	0.205	0.217	0.17	0.209	0.331
HCM Control Delay	9.7	10.3	9.6	10.1	10.7
HCM Lane LOS	A	B	A	B	B
HCM 95th-tile Q	0.8	0.8	0.6	0.8	1.4

Intersection	
Intersection Delay, s/veh	10.6
Intersection LOS	B

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	111	35	21	295	82	122
Future Vol, veh/h	111	35	21	295	82	122
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83
Heavy Vehicles, %	4	6	2	12	6	28
Mvmt Flow	134	42	25	355	99	147
Number of Lanes	1	0	0	2	1	1

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	2	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	2	0	2
HCM Control Delay	10.4	10.9	10.3
HCM LOS	B	B	B

Lane	NBLn1	NBLn2	EBLn1	WBLn1	WBLn2
Vol Left, %	100%	0%	0%	18%	0%
Vol Thru, %	0%	0%	76%	82%	100%
Vol Right, %	0%	100%	24%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	82	122	146	119	197
LT Vol	82	0	0	21	0
Through Vol	0	0	111	98	197
RT Vol	0	122	35	0	0
Lane Flow Rate	99	147	176	144	237
Geometry Grp	7	7	4	7	7
Degree of Util (X)	0.178	0.23	0.262	0.22	0.368
Departure Headway (Hd)	6.471	5.638	5.364	5.504	5.587
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	550	631	663	647	640
Service Time	4.264	3.43	3.449	3.281	3.364
HCM Lane V/C Ratio	0.18	0.233	0.265	0.223	0.37
HCM Control Delay	10.7	10.1	10.4	9.8	11.6
HCM Lane LOS	B	B	B	A	B
HCM 95th-tile Q	0.6	0.9	1	0.8	1.7

Intersection	
Intersection Delay, s/veh	9.3
Intersection LOS	A

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	216	8	2	266	27	12
Future Vol, veh/h	216	8	2	266	27	12
Peak Hour Factor	0.82	0.82	0.82	0.82	0.82	0.82
Heavy Vehicles, %	39	4	2	7	5	2
Mvmt Flow	253	9	2	311	32	14
Number of Lanes	2	0	0	2	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	2	2	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	2
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	1	0	2
HCM Control Delay	9.5	9.3	8.6
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	EBLn2	WBLn1	WBLn2
Vol Left, %	69%	0%	0%	2%	0%
Vol Thru, %	0%	100%	90%	98%	100%
Vol Right, %	31%	0%	10%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	39	144	80	91	177
LT Vol	27	0	0	2	0
Through Vol	0	144	72	89	177
RT Vol	12	0	8	0	0
Lane Flow Rate	46	169	94	106	208
Geometry Grp	2	7	7	7	7
Degree of Util (X)	0.066	0.26	0.127	0.144	0.287
Departure Headway (Hd)	5.241	5.548	4.88	4.898	4.973
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	684	649	736	733	725
Service Time	3.273	3.267	2.6	2.617	2.691
HCM Lane V/C Ratio	0.067	0.26	0.128	0.145	0.287
HCM Control Delay	8.6	10.2	8.3	8.4	9.7
HCM Lane LOS	A	B	A	A	A
HCM 95th-tile Q	0.2	1	0.4	0.5	1.2

Intersection	
Int Delay, s/veh	4.5

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	139	22	0	36	104	214	26	63	284	1
Future Vol, veh/h	0	0	139	22	0	36	104	214	26	63	284	1
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	0	550	-	-	120	-	150
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	5	2	2	2	4	5	2	2	12	2
Mvmt Flow	0	0	154	24	0	40	116	238	29	70	316	1

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	-	955	316	1019	942	253	317	0	0	267	0	0
Stage 1	-	456	-	485	485	-	-	-	-	-	-	-
Stage 2	-	499	-	534	457	-	-	-	-	-	-	-
Critical Hdwy	-	6.52	6.25	7.12	6.52	6.22	4.14	-	-	4.12	-	-
Critical Hdwy Stg 1	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	-	4.018	3.345	3.518	4.018	3.318	2.236	-	-	2.218	-	-
Pot Cap-1 Maneuver	0	258	718	215	263	786	1232	-	-	1297	-	-
Stage 1	0	568	-	563	552	-	-	-	-	-	-	-
Stage 2	0	544	-	530	568	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	-	221	718	150	225	786	1232	-	-	1297	-	-
Mov Cap-2 Maneuver	-	221	-	150	225	-	-	-	-	-	-	-
Stage 1	-	537	-	510	500	-	-	-	-	-	-	-
Stage 2	-	493	-	394	537	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	11.4	18.8	2.5	1.4
HCM LOS	B	C		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	1232	-	-	718	150	786	1297	-	-
HCM Lane V/C Ratio	0.094	-	-	0.215	0.163	0.051	0.054	-	-
HCM Control Delay (s)	8.2	-	-	11.4	33.6	9.8	7.9	-	-
HCM Lane LOS	A	-	-	B	D	A	A	-	-
HCM 95th %tile Q(veh)	0.3	-	-	0.8	0.6	0.2	0.2	-	-

Intersection	
Int Delay, s/veh	0.8

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	19	33	8	321	440	13
Future Vol, veh/h	19	33	8	321	440	13
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	86	86	86	86	86	86
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	22	38	9	373	512	15

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	911	264	527	0	-	0
Stage 1	520	-	-	-	-	-
Stage 2	391	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	289	732	1026	-	-	-
Stage 1	562	-	-	-	-	-
Stage 2	683	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	286	732	1026	-	-	-
Mov Cap-2 Maneuver	473	-	-	-	-	-
Stage 1	557	-	-	-	-	-
Stage 2	683	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	11.2	0.2	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	1026	-	473	732	-	-
HCM Lane V/C Ratio	0.009	-	0.047	0.052	-	-
HCM Control Delay (s)	8.5	-	13	10.2	-	-
HCM Lane LOS	A	-	B	B	-	-
HCM 95th %tile Q(veh)	0	-	0.1	0.2	-	-

Intersection	
Intersection Delay, s/veh	12.8
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	22	26	10	11	17	43	11	220	12	89	328	17
Future Vol, veh/h	22	26	10	11	17	43	11	220	12	89	328	17
Peak Hour Factor	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
Heavy Vehicles, %	2	2	2	2	2	4	2	9	2	4	9	3
Mvmt Flow	25	30	11	13	20	49	13	253	14	102	377	20
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	9.8	9.5	12.1	14.2
HCM LOS	A	A	B	B

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	38%	15%	100%	0%
Vol Thru, %	0%	95%	45%	24%	0%	95%
Vol Right, %	0%	5%	17%	61%	0%	5%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	11	232	58	71	89	345
LT Vol	11	0	22	11	89	0
Through Vol	0	220	26	17	0	328
RT Vol	0	12	10	43	0	17
Lane Flow Rate	13	267	67	82	102	397
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.021	0.417	0.111	0.128	0.163	0.584
Departure Headway (Hd)	6.057	5.635	5.992	5.655	5.75	5.298
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	595	643	601	637	617	674
Service Time	3.757	3.335	4.006	3.669	3.549	3.096
HCM Lane V/C Ratio	0.022	0.415	0.111	0.129	0.165	0.589
HCM Control Delay	8.9	12.3	9.8	9.5	9.7	15.4
HCM Lane LOS	A	B	A	A	A	C
HCM 95th-tile Q	0.1	2.1	0.4	0.4	0.6	3.8

Intersection	
Int Delay, s/veh	7.4

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	27	134	79	171	239	47
Future Vol, veh/h	27	134	79	171	239	47
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	89	89	89	89	89	89
Heavy Vehicles, %	2	2	2	3	2	2
Mvmt Flow	30	151	89	192	269	53

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	89	0	-	0	300	89
Stage 1	-	-	-	-	89	-
Stage 2	-	-	-	-	211	-
Critical Hdwy	4.12	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1506	-	-	0	691	969
Stage 1	-	-	-	0	934	-
Stage 2	-	-	-	0	824	-
Platoon blocked, %			-	-		
Mov Cap-1 Maneuver	1506	-	-	-	677	969
Mov Cap-2 Maneuver	-	-	-	-	677	-
Stage 1	-	-	-	-	915	-
Stage 2	-	-	-	-	824	-

Approach	EB	WB	SB
HCM Control Delay, s	1.2	0	13
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1506	-	-	677	969
HCM Lane V/C Ratio	0.02	-	-	0.397	0.054
HCM Control Delay (s)	7.4	-	-	13.8	8.9
HCM Lane LOS	A	-	-	B	A
HCM 95th %tile Q(veh)	0.1	-	-	1.9	0.2

Intersection	
Int Delay, s/veh	1.5

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	54	14	14	189	285	64
Future Vol, veh/h	54	14	14	189	285	64
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	500	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	86	86	86	86	86	86
Heavy Vehicles, %	2	2	2	9	9	2
Mvmt Flow	63	16	16	220	331	74

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	620	368	405	0	-	0
Stage 1	368	-	-	-	-	-
Stage 2	252	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	452	677	1154	-	-	-
Stage 1	700	-	-	-	-	-
Stage 2	790	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	446	677	1154	-	-	-
Mov Cap-2 Maneuver	602	-	-	-	-	-
Stage 1	690	-	-	-	-	-
Stage 2	790	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	11.7	0.6	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1154	-	616	-	-
HCM Lane V/C Ratio	0.014	-	0.128	-	-
HCM Control Delay (s)	8.2	-	11.7	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.4	-	-

Intersection	
Int Delay, s/veh	0.8

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	48	0	0	45	0	10
Future Vol, veh/h	48	0	0	45	0	10
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	52	0	0	49	0	11

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	52	0	101	52
Stage 1	-	-	-	-	52	-
Stage 2	-	-	-	-	49	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1554	-	898	1016
Stage 1	-	-	-	-	970	-
Stage 2	-	-	-	-	973	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1554	-	898	1016
Mov Cap-2 Maneuver	-	-	-	-	898	-
Stage 1	-	-	-	-	970	-
Stage 2	-	-	-	-	973	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	8.6
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	1016	-	-	1554	-
HCM Lane V/C Ratio	0.011	-	-	-	-
HCM Control Delay (s)	8.6	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	0	-	-	0	-

Intersection	
Int Delay, s/veh	1.6

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	122	34	3	122	35	11
Future Vol, veh/h	122	34	3	122	35	11
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	175	100	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	71	71	71	71	71	71
Heavy Vehicles, %	12	10	2	7	2	9
Mvmt Flow	172	48	4	172	49	15

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	220	0	352	172
Stage 1	-	-	-	-	172	-
Stage 2	-	-	-	-	180	-
Critical Hdwy	-	-	4.12	-	6.42	6.29
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.381
Pot Cap-1 Maneuver	-	-	1349	-	646	854
Stage 1	-	-	-	-	858	-
Stage 2	-	-	-	-	851	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1349	-	644	854
Mov Cap-2 Maneuver	-	-	-	-	644	-
Stage 1	-	-	-	-	858	-
Stage 2	-	-	-	-	848	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.2	10.8
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	684	-	-	1349	-
HCM Lane V/C Ratio	0.095	-	-	0.003	-
HCM Control Delay (s)	10.8	-	-	7.7	-
HCM Lane LOS	B	-	-	A	-
HCM 95th %tile Q(veh)	0.3	-	-	0	-

Intersection	
Intersection Delay, s/veh	8.5
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	68	58	52	25	29	66
Future Vol, veh/h	68	58	52	25	29	66
Peak Hour Factor	0.66	0.66	0.66	0.66	0.66	0.66
Heavy Vehicles, %	2	8	3	2	2	4
Mvmt Flow	103	88	79	38	44	100
Number of Lanes	0	1	1	0	1	1

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	2	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	2	1
HCM Control Delay	9	8	8.3
HCM LOS	A	A	A

Lane	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	54%	0%	100%	0%
Vol Thru, %	46%	68%	0%	0%
Vol Right, %	0%	32%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	126	77	29	66
LT Vol	68	0	29	0
Through Vol	58	52	0	0
RT Vol	0	25	0	66
Lane Flow Rate	191	117	44	100
Geometry Grp	2	2	7	7
Degree of Util (X)	0.24	0.14	0.07	0.127
Departure Headway (Hd)	4.519	4.322	5.734	4.561
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	796	831	626	786
Service Time	2.537	2.342	3.46	2.287
HCM Lane V/C Ratio	0.24	0.141	0.07	0.127
HCM Control Delay	9	8	8.9	8
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.9	0.5	0.2	0.4

Intersection	
Intersection Delay, s/veh	9.3
Intersection LOS	A

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	86	135	47	62	50	64
Future Vol, veh/h	86	135	47	62	50	64
Peak Hour Factor	0.75	0.75	0.75	0.75	0.75	0.75
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	115	180	63	83	67	85
Number of Lanes	1	0	0	1	1	1

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	9.8	9.3	8.3
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	SBLn1	SBLn2
Vol Left, %	43%	39%	0%	0%
Vol Thru, %	57%	0%	100%	0%
Vol Right, %	0%	61%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	109	221	50	64
LT Vol	47	86	0	0
Through Vol	62	0	50	0
RT Vol	0	135	0	64
Lane Flow Rate	145	295	67	85
Geometry Grp	5	2	7	7
Degree of Util (X)	0.201	0.357	0.099	0.11
Departure Headway (Hd)	4.978	4.358	5.355	4.649
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	718	825	667	768
Service Time	3.025	2.389	3.103	2.397
HCM Lane V/C Ratio	0.202	0.358	0.1	0.111
HCM Control Delay	9.3	9.8	8.7	8
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.7	1.6	0.3	0.4

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	42	50	272	23	102	404
Future Volume (veh/h)	42	50	272	23	102	404
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1826	1781	1767	1826	1767	1767
Adj Flow Rate, veh/h	46	54	296	25	111	439
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	8	9	5	9	9
Cap, veh/h	165	296	477	418	170	960
Arrive On Green	0.09	0.09	0.27	0.27	0.10	0.54
Sat Flow, veh/h	1739	1510	1767	1547	1682	1767
Grp Volume(v), veh/h	46	54	296	25	111	439
Grp Sat Flow(s),veh/h/ln	1739	1510	1767	1547	1682	1767
Q Serve(g_s), s	0.7	0.9	4.3	0.4	1.9	4.5
Cycle Q Clear(g_c), s	0.7	0.9	4.3	0.4	1.9	4.5
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	165	296	477	418	170	960
V/C Ratio(X)	0.28	0.18	0.62	0.06	0.65	0.46
Avail Cap(c_a), veh/h	829	872	1804	1580	1132	2939
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	12.4	9.9	9.5	8.0	12.8	4.1
Incr Delay (d2), s/veh	0.9	0.3	1.3	0.1	4.2	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.3	0.2	1.0	0.1	0.6	0.2
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	13.4	10.2	10.8	8.1	17.0	4.4
LnGrp LOS	B	B	B	A	B	A
Approach Vol, veh/h	100		321			550
Approach Delay, s/veh	11.7		10.6			7.0
Approach LOS	B		B			A

Timer - Assigned Phs	1	2			6	8
Phs Duration (G+Y+Rc), s	8.1	13.8			21.9	7.7
Change Period (Y+Rc), s	5.1	5.8			5.8	4.9
Max Green Setting (Gmax), s	19.3	30.2			49.2	14.1
Max Q Clear Time (g_c+I1), s	3.9	6.3			6.5	2.9
Green Ext Time (p_c), s	0.2	1.6			2.7	0.2

Intersection Summary	
HCM 6th Ctrl Delay	8.6
HCM 6th LOS	A

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	46	54	296	25	111	439
v/c Ratio	0.10	0.08	0.38	0.04	0.22	0.30
Control Delay	17.9	3.3	12.9	6.2	16.3	3.4
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	17.9	3.3	12.9	6.2	16.3	3.4
Queue Length 50th (ft)	6	0	33	0	14	0
Queue Length 95th (ft)	38	14	137	13	68	95
Internal Link Dist (ft)	1001		901			633
Turn Bay Length (ft)	165			405	405	
Base Capacity (vph)	869	1141	1493	1273	1085	1804
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.05	0.05	0.20	0.02	0.10	0.24

Intersection Summary

1: Tinloy St /Tinloy St & Neal St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	0.2	0.0	0.0
Total Del/Veh (s)	6.3	11.2	4.8	6.8

2: SR 49 On-Ramp/Tinloy St & Auburn St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.2	1.3	0.0	0.5
Total Del/Veh (s)	5.2	6.5	10.5	7.0

3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	0.3	0.2
Total Del/Veh (s)	6.4	7.9	1.0	4.1

8: Main St & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	1.5	2.0	1.1
Total Del/Veh (s)	16.8	6.5	10.6	10.0	9.0

9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.0	0.4	2.8	0.7
Total Del/Veh (s)	8.5	13.1	13.8	37.0	17.1

10: Brunswick Rd & SR 49/20 EB On Ramp Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.2	4.8	23.5	9.2

11: Sutton Way & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.5	1.5	0.0	0.4
Total Del/Veh (s)	8.8	15.5	12.9	3.6	9.6

22: SR 49 EB Ramps & Dorsey Dr Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.5	2.7	1.1
Total Del/Veh (s)	9.8	9.7	5.9	8.4

23: Dorsey Dr & Sr 49 WB Ramps Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	1.7	0.0	0.1	0.6
Total Del/Veh (s)	6.3	7.6	8.3	7.3

Total Zone Performance

Denied Del/Veh (s)	1.2
Total Del/Veh (s)	188.5

Intersection: 1: Tinloy St /Tinloy St & Neal St

Movement	EB	WB	SB	SB
Directions Served	TR	LT	LT	TR
Maximum Queue (ft)	98	115	77	83
Average Queue (ft)	55	47	30	30
95th Queue (ft)	94	89	61	61
Link Distance (ft)	93	1538	960	960
Upstream Blk Time (%)	1			
Queuing Penalty (veh)	4			
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 2: SR 49 On-Ramp/Tinloy St & Auburn St

Movement	EB	WB	WB	SB	SB
Directions Served	TR	LT	T	LT	TR
Maximum Queue (ft)	115	58	91	85	71
Average Queue (ft)	62	22	39	43	32
95th Queue (ft)	100	52	76	75	63
Link Distance (ft)	135		897	99	99
Upstream Blk Time (%)	0			0	0
Queuing Penalty (veh)	0			0	0
Storage Bay Dist (ft)		100			
Storage Blk Time (%)		0	0		
Queuing Penalty (veh)		0	0		

Intersection: 3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp

Movement	WB	WB	NB	NB	SB
Directions Served	LT	TR	L	T	TR
Maximum Queue (ft)	87	74	31	52	15
Average Queue (ft)	45	36	9	29	1
95th Queue (ft)	71	59	32	45	7
Link Distance (ft)	1196	1196		262	402
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)			100		
Storage Blk Time (%)					
Queuing Penalty (veh)					

Intersection: 8: Main St & Brunswick Rd

Movement	EB	WB	WB	WB	NB	NB	SB	SB	SB
Directions Served	LTR	L	LT	R	T	R	L	L	TR
Maximum Queue (ft)	48	53	73	109	121	74	92	133	93
Average Queue (ft)	16	22	31	38	51	31	24	64	31
95th Queue (ft)	42	45	64	82	94	60	66	109	69
Link Distance (ft)	777	160	160	160	1486				1622
Upstream Blk Time (%)				0					
Queuing Penalty (veh)				0					
Storage Bay Dist (ft)						115	360	360	
Storage Blk Time (%)					0				
Queuing Penalty (veh)					0				

Intersection: 9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd

Movement	EB	EB	WB	WB	WB	NB	NB	SB	SB	SB	SB
Directions Served	T	TR	L	T	T	LT	R	L	L	T	R
Maximum Queue (ft)	136	161	101	135	144	58	104	152	171	55	70
Average Queue (ft)	36	69	52	31	44	20	48	42	91	18	31
95th Queue (ft)	97	137	94	96	108	51	82	104	149	48	58
Link Distance (ft)	160	160		103	103		1666			1351	
Upstream Blk Time (%)	0	0	1	1	1						
Queuing Penalty (veh)	0	0	0	3	2						
Storage Bay Dist (ft)			140			100		240	240		240
Storage Blk Time (%)			1	1			0	0	0		
Queuing Penalty (veh)			1	1			0	0	0		

Intersection: 10: Brunswick Rd & SR 49/20 EB On Ramp

Movement	EB	EB	WB	WB	NB	NB	B52
Directions Served	T	TR	T	T	<	R	T
Maximum Queue (ft)	64	90	51	69	215	123	91
Average Queue (ft)	11	18	6	8	117	53	5
95th Queue (ft)	40	56	27	38	196	95	40
Link Distance (ft)	456	456	334	334	145	145	915
Upstream Blk Time (%)					6	0	
Queuing Penalty (veh)					0	0	
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 11: Sutton Way & Brunswick Rd

Movement	EB	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB
Directions Served	L	L	T	T	R	UL	T	TR	L	L	TR	L
Maximum Queue (ft)	77	71	98	109	103	89	114	142	61	124	89	66
Average Queue (ft)	20	33	39	54	47	35	46	68	20	66	36	25
95th Queue (ft)	55	64	81	93	80	70	93	118	48	111	70	57
Link Distance (ft)			334	334			1884	1884		1476		229
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	240	240			240	120			280		280	
Storage Blk Time (%)						0	0					
Queuing Penalty (veh)						0	0					

Intersection: 11: Sutton Way & Brunswick Rd

Movement	SB
Directions Served	T
Maximum Queue (ft)	67
Average Queue (ft)	25
95th Queue (ft)	59
Link Distance (ft)	229
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 22: SR 49 EB Ramps & Dorsey Dr

Movement	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	T	T	TR	L	LT	R
Maximum Queue (ft)	88	121	58	65	68	61	70	73
Average Queue (ft)	31	45	24	23	25	18	27	28
95th Queue (ft)	65	92	51	50	52	47	59	54
Link Distance (ft)	211	211		1564	1564		800	
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)			140			220		220
Storage Blk Time (%)								
Queuing Penalty (veh)								

Intersection: 23: Dorsey Dr & Sr 49 WB Ramps

Movement	EB	EB	WB	WB	WB	SB	SB
Directions Served	T	R	L	T	T	LT	R
Maximum Queue (ft)	84	47	101	66	66	80	57
Average Queue (ft)	36	21	44	22	15	37	26
95th Queue (ft)	70	41	84	53	46	69	49
Link Distance (ft)	548		211	211	211	1120	1120
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)		155					
Storage Blk Time (%)							
Queuing Penalty (veh)							

Zone Summary

Zone wide Queuing Penalty: 8

MOVEMENT SUMMARY

Site: 5 [Main St / Idaho Maryland Rd]

EPAP plus Project 830-1930 PM
To SR 49
Site Category: (None)
Roundabout

Movement Performance - Vehicles												
Mov ID	Turn	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: SR 49 Ramps												
3	L2	40	3.0	0.094	4.5	LOS A	0.4	10.0	0.43	0.30	0.43	34.2
8	T1	37	3.0	0.094	4.5	LOS A	0.4	10.0	0.43	0.30	0.43	34.2
18	R2	14	3.0	0.094	4.5	LOS A	0.4	10.0	0.43	0.30	0.43	33.2
Approach		92	3.0	0.094	4.5	LOS A	0.4	10.0	0.43	0.30	0.43	34.0
East: Idaho Maryland Rd												
1	L2	179	3.0	0.162	4.7	LOS A	0.7	17.3	0.37	0.25	0.37	32.6
6	T1	168	3.0	0.236	5.4	LOS A	1.1	27.0	0.40	0.28	0.40	34.9
16	R2	93	3.0	0.236	5.4	LOS A	1.1	27.0	0.40	0.28	0.40	33.8
Approach		439	3.0	0.236	5.1	LOS A	1.1	27.0	0.39	0.27	0.39	33.7
North: Main St												
7	L2	54	3.0	0.213	5.7	LOS A	0.8	21.6	0.46	0.39	0.46	34.2
4	T1	156	3.0	0.213	5.7	LOS A	0.8	21.6	0.46	0.39	0.46	34.1
14	R2	210	3.0	0.129	0.0	LOS A	0.0	0.0	0.00	0.00	0.00	37.2
Approach		419	3.0	0.213	2.9	LOS A	0.8	21.6	0.23	0.19	0.23	35.6
West: Main St												
5	L2	160	3.0	0.273	6.4	LOS A	1.1	29.1	0.48	0.42	0.48	32.9
2	T1	85	3.0	0.273	6.4	LOS A	1.1	29.1	0.48	0.42	0.48	32.8
12	R2	24	3.0	0.273	6.4	LOS A	1.1	29.1	0.48	0.42	0.48	31.9
Approach		268	3.0	0.273	6.4	LOS A	1.1	29.1	0.48	0.42	0.48	32.8
All Vehicles		1218	3.0	0.273	4.6	LOS A	1.1	29.1	0.36	0.28	0.36	34.1

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Signalised Intersections.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Intersection	
Intersection Delay, s/veh	33.2
Intersection LOS	D

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	76	348	4	0	0	0	0	210	302	166	250	0
Future Vol, veh/h	76	348	4	0	0	0	0	210	302	166	250	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	83	378	4	0	0	0	0	228	328	180	272	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	17.7	59.7	16.6
HCM LOS	C	F	C

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	30%	0%	100%	0%
Vol Thru, %	41%	70%	98%	0%	100%
Vol Right, %	59%	0%	2%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	512	250	178	166	250
LT Vol	0	76	0	166	0
Through Vol	210	174	174	0	250
RT Vol	302	0	4	0	0
Lane Flow Rate	557	272	193	180	272
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.985	0.565	0.393	0.382	0.536
Departure Headway (Hd)	6.371	7.481	7.309	7.615	7.102
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	568	478	489	476	511
Service Time	4.458	5.28	5.108	5.315	4.802
HCM Lane V/C Ratio	0.981	0.569	0.395	0.378	0.532
HCM Control Delay	59.7	19.7	14.8	14.9	17.7
HCM Lane LOS	F	C	B	B	C
HCM 95th-tile Q	13.8	3.4	1.8	1.8	3.1

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	324	42	58	375	255	513
Future Volume (veh/h)	324	42	58	375	255	513
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1856	1870	1826	1441	1737	1693
Adj Flow Rate, veh/h	348	45	62	403	274	552
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	3	2	5	31	11	14
Cap, veh/h	410	53	79	543	538	786
Arrive On Green	0.25	0.25	0.22	0.22	0.33	0.33
Sat Flow, veh/h	1610	208	355	2508	1654	1434
Grp Volume(v), veh/h	0	393	248	217	274	552
Grp Sat Flow(s),veh/h/ln	0	1818	1423	1369	1654	1434
Q Serve(g_s), s	0.0	14.7	11.8	10.5	9.6	20.3
Cycle Q Clear(g_c), s	0.0	14.7	11.8	10.5	9.6	20.3
Prop In Lane		0.11	0.25		1.00	1.00
Lane Grp Cap(c), veh/h	0	464	317	305	538	786
V/C Ratio(X)	0.00	0.85	0.78	0.71	0.51	0.70
Avail Cap(c_a), veh/h	0	642	502	483	584	826
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	0.0	25.4	26.2	25.7	19.5	11.9
Incr Delay (d2), s/veh	0.0	7.6	4.2	3.1	0.7	2.5
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	7.0	4.2	3.5	3.6	9.9
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	0.0	33.0	30.5	28.8	20.3	14.4
LnGrp LOS	A	C	C	C	C	B
Approach Vol, veh/h	393			465	826	
Approach Delay, s/veh	33.0			29.7	16.4	
Approach LOS	C			C	B	

Timer - Assigned Phs		2		4		8
Phs Duration (G+Y+Rc), s		28.0		23.0		20.7
Change Period (Y+Rc), s		* 4.7		* 4.7		4.7
Max Green Setting (Gmax), s		* 25		* 25		25.3
Max Q Clear Time (g_c+I1), s		22.3		16.7		13.8
Green Ext Time (p_c), s		1.1		1.6		2.2

Intersection Summary		
HCM 6th Ctrl Delay		23.9
HCM 6th LOS		C

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	683	139	26	366	84	30
Future Volume (veh/h)	683	139	26	366	84	30
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1693	1826	1870	1544	1826	1856
Adj Flow Rate, veh/h	719	146	27	385	88	32
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	14	5	2	24	5	3
Cap, veh/h	1053	214	41	613	122	44
Arrive On Green	0.40	0.40	0.22	0.22	0.10	0.10
Sat Flow, veh/h	2747	540	188	2891	1225	445
Grp Volume(v), veh/h	434	431	221	191	121	0
Grp Sat Flow(s),veh/h/ln	1608	1595	1535	1467	1684	0
Q Serve(g_s), s	10.9	10.9	6.4	5.7	3.4	0.0
Cycle Q Clear(g_c), s	10.9	10.9	6.4	5.7	3.4	0.0
Prop In Lane		0.34	0.12		0.73	0.26
Lane Grp Cap(c), veh/h	636	631	334	320	167	0
V/C Ratio(X)	0.68	0.68	0.66	0.60	0.72	0.00
Avail Cap(c_a), veh/h	1330	1320	797	762	360	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	12.2	12.2	17.4	17.1	21.3	0.0
Incr Delay (d2), s/veh	1.3	1.3	2.2	1.8	5.8	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.4	3.4	2.2	1.9	1.5	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	13.5	13.5	19.6	18.9	27.1	0.0
LnGrp LOS	B	B	B	B	C	A
Approach Vol, veh/h	865			412	121	
Approach Delay, s/veh	13.5			19.3	27.1	
Approach LOS	B			B	C	

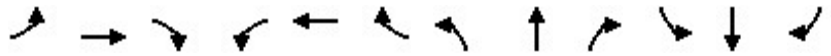
Timer - Assigned Phs	2	4	8
Phs Duration (G+Y+Rc), s	9.4	24.0	15.3
Change Period (Y+Rc), s	4.6	* 4.7	4.7
Max Green Setting (Gmax), s	10.4	* 40	25.3
Max Q Clear Time (g_c+I1), s	5.4	12.9	8.4
Green Ext Time (p_c), s	0.1	6.4	2.3

Intersection Summary	
HCM 6th Ctrl Delay	16.4
HCM 6th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	9	146	100	95	173	231	479	20	45	426	13
Future Volume (veh/h)	0	9	146	100	95	173	231	479	20	45	426	13
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1781	1870	1870	1870	1722	1648	1870	1870	1693	1870
Adj Flow Rate, veh/h	0	10	155	106	101	184	246	510	21	48	453	14
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	2	2	8	2	2	2	12	17	2	2	14	2
Cap, veh/h	0	203	432	145	138	247	291	574	24	80	740	23
Arrive On Green	0.00	0.11	0.11	0.16	0.16	0.16	0.18	0.37	0.37	0.04	0.23	0.23
Sat Flow, veh/h	0	1870	1510	934	890	1585	1640	1572	65	1781	3184	98
Grp Volume(v), veh/h	0	10	155	207	0	184	246	0	531	48	228	239
Grp Sat Flow(s),veh/h/ln	0	1870	1510	1824	0	1585	1640	0	1636	1781	1608	1675
Q Serve(g_s), s	0.0	0.3	5.3	7.0	0.0	7.1	9.4	0.0	19.7	1.7	8.2	8.2
Cycle Q Clear(g_c), s	0.0	0.3	5.3	7.0	0.0	7.1	9.4	0.0	19.7	1.7	8.2	8.2
Prop In Lane	0.00		1.00	0.51		1.00	1.00		0.04	1.00		0.06
Lane Grp Cap(c), veh/h	0	203	432	284	0	247	291	0	598	80	374	389
V/C Ratio(X)	0.00	0.05	0.36	0.73	0.00	0.75	0.84	0.00	0.89	0.60	0.61	0.61
Avail Cap(c_a), veh/h	0	287	500	422	0	366	379	0	744	191	606	631
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	0.0	25.7	18.3	25.9	0.0	26.0	25.6	0.0	19.2	30.2	22.1	22.1
Incr Delay (d2), s/veh	0.0	0.1	0.5	3.6	0.0	4.5	12.8	0.0	10.9	7.1	1.6	1.6
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.1	1.7	3.1	0.0	0.3	4.3	0.0	7.9	0.8	2.9	3.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.0	25.8	18.8	29.5	0.0	30.5	38.4	0.0	30.1	37.3	23.8	23.7
LnGrp LOS	A	C	B	C	A	C	D	A	C	D	C	C
Approach Vol, veh/h		165			391			777			515	
Approach Delay, s/veh		19.2			30.0			32.7			25.0	
Approach LOS		B			C			C			C	

Timer - Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	8.0	29.2		12.1	16.5	20.7		15.1
Change Period (Y+Rc), s	5.1	5.7		5.1	5.1	5.7		5.1
Max Green Setting (Gmax), s	6.9	29.3		9.9	14.9	24.3		14.9
Max Q Clear Time (g_c+I1), s	3.7	21.7		7.3	11.4	10.2		9.1
Green Ext Time (p_c), s	0.0	1.9		0.1	0.2	2.1		0.9

Intersection Summary	
HCM 6th Ctrl Delay	28.8
HCM 6th LOS	C

Notes

User approved pedestrian interval to be less than phase max green.

Intersection	
Int Delay, s/veh	1.4

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	33	47	105	699	460	195
Future Vol, veh/h	33	47	105	699	460	195
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	36	51	114	760	500	212

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1594	356	712	0	-	0
Stage 1	606	-	-	-	-	-
Stage 2	988	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	107	639	874	-	-	-
Stage 1	508	-	-	-	-	-
Stage 2	359	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	93	639	874	-	-	-
Mov Cap-2 Maneuver	278	-	-	-	-	-
Stage 1	442	-	-	-	-	-
Stage 2	359	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	14.7	1.3	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	874	-	278	639	-	-
HCM Lane V/C Ratio	0.131	-	0.129	0.08	-	-
HCM Control Delay (s)	9.7	-	19.9	11.1	-	-
HCM Lane LOS	A	-	C	B	-	-
HCM 95th %tile Q(veh)	0.4	-	0.4	0.3	-	-

Intersection	
Intersection Delay, s/veh	38.3
Intersection LOS	E

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	48	22	13	25	48	181	19	513	12	52	203	29
Future Vol, veh/h	48	22	13	25	48	181	19	513	12	52	203	29
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Heavy Vehicles, %	3	2	2	2	2	4	2	9	2	3	9	3
Mvmt Flow	52	24	14	27	52	195	20	552	13	56	218	31
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	12.3	15.4	65.3	14.7
HCM LOS	B	C	F	B

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	58%	10%	100%	0%
Vol Thru, %	0%	98%	27%	19%	0%	88%
Vol Right, %	0%	2%	16%	71%	0%	12%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	19	525	83	254	52	232
LT Vol	19	0	48	25	52	0
Through Vol	0	513	22	48	0	203
RT Vol	0	12	13	181	0	29
Lane Flow Rate	20	565	89	273	56	249
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.039	1.016	0.183	0.482	0.113	0.468
Departure Headway (Hd)	6.885	6.48	7.587	6.515	7.405	6.907
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	523	565	476	557	487	524
Service Time	4.585	4.18	5.587	4.515	5.105	4.607
HCM Lane V/C Ratio	0.038	1	0.187	0.49	0.115	0.475
HCM Control Delay	9.9	67.3	12.3	15.4	11	15.5
HCM Lane LOS	A	F	B	C	B	C
HCM 95th-tile Q	0.1	15.1	0.7	2.6	0.4	2.5

Intersection	
Int Delay, s/veh	6.8

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	119	151	275	407	147	105
Future Vol, veh/h	119	151	275	407	147	105
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	3	13	10	5	3	2
Mvmt Flow	127	161	293	433	156	112

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	293	0	-	0	708	293
Stage 1	-	-	-	-	293	-
Stage 2	-	-	-	-	415	-
Critical Hdwy	4.13	-	-	-	6.43	6.22
Critical Hdwy Stg 1	-	-	-	-	5.43	-
Critical Hdwy Stg 2	-	-	-	-	5.43	-
Follow-up Hdwy	2.227	-	-	-	3.527	3.318
Pot Cap-1 Maneuver	1263	-	-	0	400	746
Stage 1	-	-	-	0	755	-
Stage 2	-	-	-	0	664	-
Platoon blocked, %			-	-		
Mov Cap-1 Maneuver	1263	-	-	-	360	746
Mov Cap-2 Maneuver	-	-	-	-	360	-
Stage 1	-	-	-	-	679	-
Stage 2	-	-	-	-	664	-

Approach	EB	WB	SB
HCM Control Delay, s	3.6	0	17.6
HCM LOS			C

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1263	-	-	360	746
HCM Lane V/C Ratio	0.1	-	-	0.434	0.15
HCM Control Delay (s)	8.2	-	-	22.5	10.7
HCM Lane LOS	A	-	-	C	B
HCM 95th %tile Q(veh)	0.3	-	-	2.1	0.5

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	0	0	545	241	0
Future Vol, veh/h	0	0	0	545	241	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	500	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	96	96	96	96	96	96
Heavy Vehicles, %	2	2	2	9	9	2
Mvmt Flow	0	0	0	568	251	0

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	819	251	251	0	-	0
Stage 1	251	-	-	-	-	-
Stage 2	568	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	345	788	1314	-	-	-
Stage 1	791	-	-	-	-	-
Stage 2	567	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	345	788	1314	-	-	-
Mov Cap-2 Maneuver	508	-	-	-	-	-
Stage 1	791	-	-	-	-	-
Stage 2	567	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	0	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1314	-	-	-	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	0	-	-
HCM Lane LOS	A	-	A	-	-
HCM 95th %tile Q(veh)	0	-	-	-	-

Intersection	
Int Delay, s/veh	0

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	83	0	0	97	0	0
Future Vol, veh/h	83	0	0	97	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	3	2	2	2	2	2
Mvmt Flow	90	0	0	105	0	0

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	90	0	195	90
Stage 1	-	-	-	-	90	-
Stage 2	-	-	-	-	105	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1505	-	794	968
Stage 1	-	-	-	-	934	-
Stage 2	-	-	-	-	919	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1505	-	794	968
Mov Cap-2 Maneuver	-	-	-	-	794	-
Stage 1	-	-	-	-	934	-
Stage 2	-	-	-	-	919	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	0
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	-	-	-	1505	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	-	-	-	0	-

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	201	343	23	224	79	12
Future Volume (veh/h)	201	343	23	224	79	12
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1841	1781	1870	1781	1826	1870
Adj Flow Rate, veh/h	207	354	24	231	81	12
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	4	8	2	8	5	2
Cap, veh/h	654	537	65	994	163	24
Arrive On Green	0.36	0.36	0.04	0.56	0.11	0.11
Sat Flow, veh/h	1841	1510	1781	1781	1476	219
Grp Volume(v), veh/h	207	354	24	231	94	0
Grp Sat Flow(s),veh/h/ln	1841	1510	1781	1781	1713	0
Q Serve(g_s), s	2.3	5.6	0.4	1.9	1.5	0.0
Cycle Q Clear(g_c), s	2.3	5.6	0.4	1.9	1.5	0.0
Prop In Lane		1.00	1.00		0.86	0.13
Lane Grp Cap(c), veh/h	654	537	65	994	190	0
V/C Ratio(X)	0.32	0.66	0.37	0.23	0.50	0.00
Avail Cap(c_a), veh/h	1967	1614	459	1590	924	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	6.6	7.7	13.3	3.2	11.9	0.0
Incr Delay (d2), s/veh	0.3	1.4	3.5	0.1	2.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.6	1.2	0.2	0.2	0.5	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	6.9	9.1	16.8	3.3	13.9	0.0
LnGrp LOS	A	A	B	A	B	A
Approach Vol, veh/h	561			255	94	
Approach Delay, s/veh	8.3			4.6	13.9	
Approach LOS	A			A	B	

Timer - Assigned Phs	2	3	4	8
Phs Duration (G+Y+Rc), s	7.8	5.7	14.8	20.5
Change Period (Y+Rc), s	* 4.7	* 4.7	* 4.7	* 4.7
Max Green Setting (Gmax), s	* 15	* 7.3	* 30	* 25
Max Q Clear Time (g_c+I1), s	3.5	2.4	7.6	3.9
Green Ext Time (p_c), s	0.2	0.0	2.5	1.3

Intersection Summary	
HCM 6th Ctrl Delay	7.8
HCM 6th LOS	A

Notes

User approved pedestrian interval to be less than phase max green.
User approved volume balancing among the lanes for turning movement.
* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Intersection Delay, s/veh	9.7
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	117	87	130	133	42	121
Future Vol, veh/h	117	87	130	133	42	121
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	3	3	7	2	2	3
Mvmt Flow	127	95	141	145	46	132
Number of Lanes	0	1	1	0	1	1

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	2	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	2	1
HCM Control Delay	9.9	9.9	9.1
HCM LOS	A	A	A

Lane	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	57%	0%	100%	0%
Vol Thru, %	43%	49%	0%	0%
Vol Right, %	0%	51%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	204	263	42	121
LT Vol	117	0	42	0
Through Vol	87	130	0	0
RT Vol	0	133	0	121
Lane Flow Rate	222	286	46	132
Geometry Grp	2	2	7	7
Degree of Util (X)	0.298	0.352	0.078	0.182
Departure Headway (Hd)	4.835	4.436	6.184	4.989
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	741	809	577	715
Service Time	2.878	2.474	3.943	2.748
HCM Lane V/C Ratio	0.3	0.354	0.08	0.185
HCM Control Delay	9.9	9.9	9.5	8.9
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	1.2	1.6	0.3	0.7

Intersection	
Intersection Delay, s/veh	19.1
Intersection LOS	C

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	89	332	206	202	151	72
Future Vol, veh/h	89	332	206	202	151	72
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	97	361	224	220	164	78
Number of Lanes	1	0	0	1	1	1

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	19.6	22.9	11.3
HCM LOS	C	C	B

Lane	NBLn1	EBLn1	SBLn1	SBLn2
Vol Left, %	50%	21%	0%	0%
Vol Thru, %	50%	0%	100%	0%
Vol Right, %	0%	79%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	408	421	151	72
LT Vol	206	89	0	0
Through Vol	202	0	151	0
RT Vol	0	332	0	72
Lane Flow Rate	443	458	164	78
Geometry Grp	5	2	7	7
Degree of Util (X)	0.724	0.687	0.3	0.127
Departure Headway (Hd)	5.881	5.401	6.57	5.855
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	612	664	543	608
Service Time	3.942	3.465	4.35	3.634
HCM Lane V/C Ratio	0.724	0.69	0.302	0.128
HCM Control Delay	22.9	19.6	12.2	9.5
HCM Lane LOS	C	C	B	A
HCM 95th-tile Q	6.1	5.4	1.3	0.4

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	59	195	593	148	296	231
Future Volume (veh/h)	59	195	593	148	296	231
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1826	1796	1767	1826	1767	1767
Adj Flow Rate, veh/h	64	212	645	161	322	251
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	7	9	5	9	9
Cap, veh/h	241	548	714	625	372	1239
Arrive On Green	0.14	0.14	0.40	0.40	0.22	0.70
Sat Flow, veh/h	1739	1522	1767	1547	1682	1767
Grp Volume(v), veh/h	64	212	645	161	322	251
Grp Sat Flow(s),veh/h/ln	1739	1522	1767	1547	1682	1767
Q Serve(g_s), s	2.2	6.9	22.9	4.6	12.3	3.3
Cycle Q Clear(g_c), s	2.2	6.9	22.9	4.6	12.3	3.3
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	241	548	714	625	372	1239
V/C Ratio(X)	0.27	0.39	0.90	0.26	0.87	0.20
Avail Cap(c_a), veh/h	367	657	798	699	501	1300
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	25.7	15.9	18.7	13.3	25.1	3.5
Incr Delay (d2), s/veh	0.6	0.4	12.8	0.2	11.6	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.9	0.1	10.2	1.4	5.6	0.6
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	26.3	16.4	31.5	13.5	36.7	3.6
LnGrp LOS	C	B	C	B	D	A
Approach Vol, veh/h	276		806			573
Approach Delay, s/veh	18.7		27.9			22.2
Approach LOS	B		C			C

Timer - Assigned Phs	1	2				6	8
Phs Duration (G+Y+Rc), s	19.9	32.8				52.7	14.2
Change Period (Y+Rc), s	5.1	5.8				5.8	4.9
Max Green Setting (Gmax), s	14.8	30.2				49.2	14.1
Max Q Clear Time (g_c+I1), s	14.3	24.9				5.3	8.9
Green Ext Time (p_c), s	0.5	2.1				1.4	0.4

Intersection Summary	
HCM 6th Ctrl Delay	24.4
HCM 6th LOS	C

1: Tinloy St /Tinloy St & Neal St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	0.3	0.0	0.1
Total Del/Veh (s)	10.1	33.2	7.2	17.2

2: SR 49 On-Ramp/Tinloy St & Auburn St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.1	1.2	0.0	0.5
Total Del/Veh (s)	6.0	9.4	17.3	10.8

8: Main St & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	1.5	1.9	0.9
Total Del/Veh (s)	14.8	9.0	12.7	13.4	11.4

9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.0	0.5	2.8	0.8
Total Del/Veh (s)	10.6	13.1	14.9	36.3	18.8

10: Brunswick Rd & SR 49/20 EB On Ramp Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	7.4	7.6	25.8	13.0

11: Sutton Way & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.5	1.4	0.0	0.3
Total Del/Veh (s)	11.3	20.6	18.0	5.3	13.4

22: SR 49 EB Ramps & Dorsey Dr Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	2.2	1.2
Total Del/Veh (s)	14.5	18.1	11.8	13.7

23: Dorsey Dr & Sr 49 WB Ramps Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	1.5	0.0	0.2	0.5
Total Del/Veh (s)	12.2	6.9	11.4	9.3

3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.2	0.0	0.3	0.2
Total Del/Veh (s)	9.6	10.4	1.1	7.2

MOVEMENT SUMMARY

Site: 5 [Main St / Idaho Maryland Rd]

Cumulative AM Peak
Site Category: (None)
Roundabout

Movement Performance - Vehicles												
Mov ID	Turn	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: SR 49 Ramps												
3	L2	30	3.0	0.273	8.7	LOS A	1.2	29.6	0.65	0.65	0.65	32.9
8	T1	63	3.0	0.273	8.7	LOS A	1.2	29.6	0.65	0.65	0.65	32.8
18	R2	90	3.0	0.273	8.7	LOS A	1.2	29.6	0.65	0.65	0.65	31.9
Approach		183	3.0	0.273	8.7	LOS A	1.2	29.6	0.65	0.65	0.65	32.4
East: Idaho Maryland Rd												
1	L2	241	3.0	0.258	6.5	LOS A	1.1	28.4	0.52	0.45	0.52	31.9
6	T1	158	3.0	0.452	9.2	LOS A	2.6	67.8	0.61	0.61	0.71	32.9
16	R2	264	3.0	0.452	9.2	LOS A	2.6	67.8	0.61	0.61	0.71	31.9
Approach		663	3.0	0.452	8.2	LOS A	2.6	67.8	0.58	0.55	0.64	32.1
North: Main St												
7	L2	143	3.0	0.359	7.7	LOS A	1.6	40.7	0.54	0.50	0.54	32.7
4	T1	197	3.0	0.359	7.7	LOS A	1.6	40.7	0.54	0.50	0.54	32.7
14	R2	209	3.0	0.128	0.0	LOS A	0.0	0.0	0.00	0.00	0.00	37.2
Approach		549	3.0	0.359	4.8	LOS A	1.6	40.7	0.34	0.31	0.34	34.2
West: Main St												
5	L2	321	3.0	0.639	14.9	LOS B	5.8	147.7	0.76	0.97	1.37	29.3
2	T1	193	3.0	0.639	14.9	LOS B	5.8	147.7	0.76	0.97	1.37	29.3
12	R2	16	3.0	0.639	14.9	LOS B	5.8	147.7	0.76	0.97	1.37	28.6
Approach		530	3.0	0.639	14.9	LOS B	5.8	147.7	0.76	0.97	1.37	29.3
All Vehicles		1926	3.0	0.639	9.1	LOS A	5.8	147.7	0.56	0.61	0.75	31.8

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Signalised Intersections.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Intersection	
Intersection Delay, s/veh	20.7
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	79	324	3	0	0	0	0	129	168	177	387	0
Future Vol, veh/h	79	324	3	0	0	0	0	129	168	177	387	0
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	88	360	3	0	0	0	0	143	187	197	430	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	16.6	18.9	24.7
HCM LOS	C	C	C

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	33%	0%	100%	0%
Vol Thru, %	43%	67%	98%	0%	100%
Vol Right, %	57%	0%	2%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	297	241	165	177	387
LT Vol	0	79	0	177	0
Through Vol	129	162	162	0	387
RT Vol	168	0	3	0	0
Lane Flow Rate	330	268	183	197	430
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.597	0.541	0.361	0.387	0.785
Departure Headway (Hd)	6.515	7.275	7.095	7.083	6.573
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	551	493	506	505	546
Service Time	4.584	5.047	4.866	4.855	4.345
HCM Lane V/C Ratio	0.599	0.544	0.362	0.39	0.788
HCM Control Delay	18.9	18.4	13.9	14.3	29.4
HCM Lane LOS	C	C	B	B	D
HCM 95th-tile Q	3.9	3.2	1.6	1.8	7.3

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	262	38	80	799	150	245
Future Volume (veh/h)	262	38	80	799	150	245
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1841	1811	1870	1722	1811	1485
Adj Flow Rate, veh/h	291	42	89	888	167	272
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Percent Heavy Veh, %	4	6	2	12	6	28
Cap, veh/h	364	53	105	1105	310	682
Arrive On Green	0.23	0.23	0.36	0.36	0.18	0.18
Sat Flow, veh/h	1573	227	291	3139	1725	1259
Grp Volume(v), veh/h	0	333	522	455	167	272
Grp Sat Flow(s),veh/h/ln	0	1800	1708	1636	1725	1259
Q Serve(g_s), s	0.0	10.8	17.5	15.3	5.5	7.9
Cycle Q Clear(g_c), s	0.0	10.8	17.5	15.3	5.5	7.9
Prop In Lane		0.13	0.17		1.00	1.00
Lane Grp Cap(c), veh/h	0	416	618	592	310	682
V/C Ratio(X)	0.00	0.80	0.84	0.77	0.54	0.40
Avail Cap(c_a), veh/h	0	733	695	666	702	968
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	0.0	22.5	18.2	17.5	23.1	8.3
Incr Delay (d2), s/veh	0.0	3.6	8.6	4.9	1.4	0.4
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	4.7	7.6	5.9	2.2	4.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	0.0	26.1	26.8	22.4	24.6	8.7
LnGrp LOS	A	C	C	C	C	A
Approach Vol, veh/h	333			977	439	
Approach Delay, s/veh	26.1			24.8	14.7	
Approach LOS	C			C	B	

Timer - Assigned Phs	2	4	8
Phs Duration (G+Y+Rc), s	15.9	19.1	27.2
Change Period (Y+Rc), s	* 4.7	* 4.7	4.7
Max Green Setting (Gmax), s	* 25	* 25	25.3
Max Q Clear Time (g_c+I1), s	9.9	12.8	19.5
Green Ext Time (p_c), s	1.3	1.6	3.0

Intersection Summary	
HCM 6th Ctrl Delay	22.5
HCM 6th LOS	C

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	487	77	26	768	108	35
Future Volume (veh/h)	487	77	26	768	108	35
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1322	1841	1870	1796	1826	1870
Adj Flow Rate, veh/h	560	89	30	883	124	40
Peak Hour Factor	0.87	0.87	0.87	0.87	0.87	0.87
Percent Heavy Veh, %	39	4	2	7	5	2
Cap, veh/h	718	114	36	1119	160	52
Arrive On Green	0.33	0.33	0.33	0.33	0.13	0.13
Sat Flow, veh/h	2238	344	110	3477	1269	409
Grp Volume(v), veh/h	323	326	489	424	165	0
Grp Sat Flow(s),veh/h/ln	1256	1260	1791	1706	1689	0
Q Serve(g_s), s	15.2	15.3	16.5	14.6	6.2	0.0
Cycle Q Clear(g_c), s	15.2	15.3	16.5	14.6	6.2	0.0
Prop In Lane		0.27	0.06		0.75	0.24
Lane Grp Cap(c), veh/h	415	417	591	564	213	0
V/C Ratio(X)	0.78	0.78	0.83	0.75	0.78	0.00
Avail Cap(c_a), veh/h	770	773	690	657	242	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	19.8	19.8	20.3	19.6	27.8	0.0
Incr Delay (d2), s/veh	3.2	3.2	7.2	4.2	13.1	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	4.4	4.5	7.5	5.9	3.2	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	23.0	23.1	27.5	23.8	40.9	0.0
LnGrp LOS	C	C	C	C	D	A
Approach Vol, veh/h	649			913	165	
Approach Delay, s/veh	23.0			25.8	40.9	
Approach LOS	C			C	D	

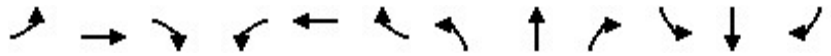
Timer - Assigned Phs	2	4	8
Phs Duration (G+Y+Rc), s	12.9	26.4	26.4
Change Period (Y+Rc), s	4.6	* 4.7	4.7
Max Green Setting (Gmax), s	9.4	* 40	25.3
Max Q Clear Time (g_c+I1), s	8.2	17.3	18.5
Green Ext Time (p_c), s	0.1	4.4	3.2

Intersection Summary	
HCM 6th Ctrl Delay	26.2
HCM 6th LOS	C

Notes

User approved volume balancing among the lanes for turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	3	71	223	28	34	106	224	581	77	147	509	15
Future Volume (veh/h)	3	71	223	28	34	106	224	581	77	147	509	15
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1826	1870	1870	1870	1841	1826	1870	1870	1722	1870
Adj Flow Rate, veh/h	3	73	230	29	35	109	231	599	79	152	525	15
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	2	2	5	2	2	2	4	5	2	2	12	2
Cap, veh/h	10	234	443	79	95	151	273	641	85	162	1107	32
Arrive On Green	0.13	0.13	0.13	0.10	0.10	0.10	0.16	0.41	0.41	0.09	0.34	0.34
Sat Flow, veh/h	74	1793	1547	829	1000	1585	1753	1580	208	1781	3249	93
Grp Volume(v), veh/h	76	0	230	64	0	109	231	0	678	152	264	276
Grp Sat Flow(s),veh/h/ln	1867	0	1547	1829	0	1585	1753	0	1788	1781	1636	1705
Q Serve(g_s), s	2.8	0.0	9.4	2.5	0.0	5.1	9.7	0.0	27.5	6.4	9.6	9.6
Cycle Q Clear(g_c), s	2.8	0.0	9.4	2.5	0.0	5.1	9.7	0.0	27.5	6.4	9.6	9.6
Prop In Lane	0.04		1.00	0.45		1.00	1.00		0.12	1.00		0.05
Lane Grp Cap(c), veh/h	244	0	443	175	0	151	273	0	726	162	558	581
V/C Ratio(X)	0.31	0.00	0.52	0.37	0.00	0.72	0.84	0.00	0.93	0.94	0.47	0.47
Avail Cap(c_a), veh/h	244	0	443	360	0	312	345	0	762	162	558	581
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	29.9	0.0	22.7	32.1	0.0	33.3	31.1	0.0	21.5	34.2	19.6	19.6
Incr Delay (d2), s/veh	0.7	0.0	1.1	1.3	0.0	6.3	14.4	0.0	18.1	52.3	0.6	0.6
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.3	0.0	3.4	1.1	0.0	2.2	5.0	0.0	14.2	5.1	3.6	3.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	30.6	0.0	23.7	33.4	0.0	39.6	45.5	0.0	39.6	86.6	20.3	20.2
LnGrp LOS	C	A	C	C	A	D	D	A	D	F	C	C
Approach Vol, veh/h		306			173			909			692	
Approach Delay, s/veh		25.4			37.3			41.1			34.8	
Approach LOS		C			D			D			C	

Timer - Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	12.0	36.4		15.0	16.9	31.5		12.3
Change Period (Y+Rc), s	5.1	5.7		5.1	5.1	5.7		5.1
Max Green Setting (Gmax), s	6.9	32.3		9.9	14.9	24.3		14.9
Max Q Clear Time (g_c+I1), s	8.4	29.5		11.4	11.7	11.6		7.1
Green Ext Time (p_c), s	0.0	1.3		0.0	0.2	2.7		0.4

Intersection Summary	
HCM 6th Ctrl Delay	36.4
HCM 6th LOS	D

Notes

User approved pedestrian interval to be less than phase max green.

Intersection	
Int Delay, s/veh	4.8

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	193	91	29	687	666	87
Future Vol, veh/h	193	91	29	687	666	87
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	203	96	31	723	701	92

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1532	397	793	0	-	0
Stage 1	747	-	-	-	-	-
Stage 2	785	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	~ 117	601	815	-	-	-
Stage 1	430	-	-	-	-	-
Stage 2	448	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	~ 113	601	815	-	-	-
Mov Cap-2 Maneuver	308	-	-	-	-	-
Stage 1	414	-	-	-	-	-
Stage 2	448	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	28.8	0.4	0
HCM LOS	D		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	815	-	308	601	-	-
HCM Lane V/C Ratio	0.037	-	0.66	0.159	-	-
HCM Control Delay (s)	9.6	-	36.7	12.1	-	-
HCM Lane LOS	A	-	E	B	-	-
HCM 95th %tile Q(veh)	0.1	-	4.4	0.6	-	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Intersection Delay, s/veh	32.3
Intersection LOS	D

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	23	24	19	23	40	79	10	333	34	151	517	77
Future Vol, veh/h	23	24	19	23	40	79	10	333	34	151	517	77
Peak Hour Factor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Heavy Vehicles, %	2	2	2	2	2	4	2	9	2	4	9	3
Mvmt Flow	23	24	19	23	40	80	10	336	34	153	522	78
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	11.2	12	19.8	44.3
HCM LOS	B	B	C	E

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	35%	16%	100%	0%
Vol Thru, %	0%	91%	36%	28%	0%	87%
Vol Right, %	0%	9%	29%	56%	0%	13%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	10	367	66	142	151	594
LT Vol	10	0	23	23	151	0
Through Vol	0	333	24	40	0	517
RT Vol	0	34	19	79	0	77
Lane Flow Rate	10	371	67	143	153	600
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.019	0.649	0.132	0.261	0.268	0.969
Departure Headway (Hd)	6.752	6.298	7.131	6.556	6.326	5.814
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	528	571	506	544	566	624
Service Time	4.524	4.07	5.131	4.645	4.084	3.571
HCM Lane V/C Ratio	0.019	0.65	0.132	0.263	0.27	0.962
HCM Control Delay	9.7	20.1	11.2	12	11.4	52.7
HCM Lane LOS	A	C	B	B	B	F
HCM 95th-tile Q	0.1	4.7	0.5	1	1.1	13.8

Intersection	
Int Delay, s/veh	52

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	82	238	245	266	406	118
Future Vol, veh/h	82	238	245	266	406	118
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	3	2	2
Mvmt Flow	89	259	266	289	441	128

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	266	0	-	0	703	266
Stage 1	-	-	-	-	266	-
Stage 2	-	-	-	-	437	-
Critical Hdwy	4.12	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1298	-	-	0	~ 404	773
Stage 1	-	-	-	0	779	-
Stage 2	-	-	-	0	651	-
Platoon blocked, %		-	-			
Mov Cap-1 Maneuver	1298	-	-	-	~ 376	773
Mov Cap-2 Maneuver	-	-	-	-	~ 376	-
Stage 1	-	-	-	-	725	-
Stage 2	-	-	-	-	651	-

Approach	EB	WB	SB
HCM Control Delay, s	2	0	106.8
HCM LOS			F

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1298	-	-	376	773
HCM Lane V/C Ratio	0.069	-	-	1.174	0.166
HCM Control Delay (s)	8	-	-	134.8	10.6
HCM Lane LOS	A	-	-	F	B
HCM 95th %tile Q(veh)	0.2	-	-	17.6	0.6

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	322	146	13	369	332	37
Future Volume (veh/h)	322	146	13	369	332	37
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1722	1752	1870	1796	1870	1767
Adj Flow Rate, veh/h	402	182	16	461	415	46
Peak Hour Factor	0.80	0.80	0.80	0.80	0.80	0.80
Percent Heavy Veh, %	12	10	2	7	2	9
Cap, veh/h	564	486	43	836	486	54
Arrive On Green	0.33	0.33	0.02	0.47	0.31	0.31
Sat Flow, veh/h	1722	1485	1781	1796	1581	175
Grp Volume(v), veh/h	402	182	16	461	462	0
Grp Sat Flow(s),veh/h/ln	1722	1485	1781	1796	1760	0
Q Serve(g_s), s	8.5	3.9	0.4	7.6	10.2	0.0
Cycle Q Clear(g_c), s	8.5	3.9	0.4	7.6	10.2	0.0
Prop In Lane		1.00	1.00		0.90	0.10
Lane Grp Cap(c), veh/h	564	486	43	836	541	0
V/C Ratio(X)	0.71	0.37	0.37	0.55	0.85	0.00
Avail Cap(c_a), veh/h	1260	1086	314	1097	650	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	12.2	10.7	19.9	8.0	13.5	0.0
Incr Delay (d2), s/veh	1.7	0.5	5.1	0.6	9.3	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.8	1.1	0.2	2.2	4.6	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	13.9	11.1	25.0	8.5	22.8	0.0
LnGrp LOS	B	B	C	A	C	A
Approach Vol, veh/h	584			477	462	
Approach Delay, s/veh	13.0			9.1	22.8	
Approach LOS	B			A	C	

Timer - Assigned Phs		2	3	4		8
Phs Duration (G+Y+Rc), s		17.4	5.7	18.3		24.0
Change Period (Y+Rc), s		* 4.7	* 4.7	* 4.7		* 4.7
Max Green Setting (Gmax), s		* 15	* 7.3	* 30		* 25
Max Q Clear Time (g_c+I1), s		12.2	2.4	10.5		9.6
Green Ext Time (p_c), s		0.5	0.0	3.1		2.6

Intersection Summary	
HCM 6th Ctrl Delay	14.7
HCM 6th LOS	B

Notes

User approved pedestrian interval to be less than phase max green.
User approved volume balancing among the lanes for turning movement.
* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Intersection Delay, s/veh	16.1
Intersection LOS	C

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	244	114	167	92	158	230
Future Vol, veh/h	244	114	167	92	158	230
Peak Hour Factor	0.85	0.85	0.85	0.85	0.85	0.85
Heavy Vehicles, %	2	8	3	2	2	4
Mvmt Flow	287	134	196	108	186	271
Number of Lanes	0	1	1	0	1	1

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	2	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	2	1
HCM Control Delay	20.5	14	13.4
HCM LOS	C	B	B

Lane	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	68%	0%	100%	0%
Vol Thru, %	32%	64%	0%	0%
Vol Right, %	0%	36%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	358	259	158	230
LT Vol	244	0	158	0
Through Vol	114	167	0	0
RT Vol	0	92	0	230
Lane Flow Rate	421	305	186	271
Geometry Grp	2	2	7	7
Degree of Util (X)	0.681	0.482	0.364	0.44
Departure Headway (Hd)	5.818	5.697	7.046	5.859
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	619	631	509	612
Service Time	3.869	3.755	4.802	3.614
HCM Lane V/C Ratio	0.68	0.483	0.365	0.443
HCM Control Delay	20.5	14	13.8	13.2
HCM Lane LOS	C	B	B	B
HCM 95th-tile Q	5.3	2.6	1.6	2.2

Intersection	
Intersection Delay, s/veh	213.1
Intersection LOS	F

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	133	441	424	418	379	139
Future Vol, veh/h	133	441	424	418	379	139
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	145	479	461	454	412	151
Number of Lanes	1	0	0	1	1	1

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	108	390.9	40.4
HCM LOS	F	F	E

Lane	NBLn1	EBLn1	SBLn1	SBLn2
Vol Left, %	50%	23%	0%	0%
Vol Thru, %	50%	0%	100%	0%
Vol Right, %	0%	77%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	842	574	379	139
LT Vol	424	133	0	0
Through Vol	418	0	379	0
RT Vol	0	441	0	139
Lane Flow Rate	915	624	412	151
Geometry Grp	5	2	7	7
Degree of Util (X)	1.809	1.127	0.872	0.29
Departure Headway (Hd)	7.586	7.705	9.231	8.498
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	485	474	395	426
Service Time	5.586	5.705	6.931	6.198
HCM Lane V/C Ratio	1.887	1.316	1.043	0.354
HCM Control Delay	390.9	108	49.9	14.6
HCM Lane LOS	F	F	E	B
HCM 95th-tile Q	54	18.2	8.6	1.2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	157	363	387	48	132	570
Future Volume (veh/h)	157	363	387	48	132	570
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1826	1781	1767	1826	1767	1767
Adj Flow Rate, veh/h	171	395	421	52	143	620
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	8	9	5	9	9
Cap, veh/h	464	570	538	471	186	915
Arrive On Green	0.27	0.27	0.30	0.30	0.11	0.52
Sat Flow, veh/h	1739	1510	1767	1547	1682	1767
Grp Volume(v), veh/h	171	395	421	52	143	620
Grp Sat Flow(s),veh/h/ln	1739	1510	1767	1547	1682	1767
Q Serve(g_s), s	4.0	11.0	10.8	1.2	4.1	12.9
Cycle Q Clear(g_c), s	4.0	11.0	10.8	1.2	4.1	12.9
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	464	570	538	471	186	915
V/C Ratio(X)	0.37	0.69	0.78	0.11	0.77	0.68
Avail Cap(c_a), veh/h	494	596	1075	941	675	1751
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	14.8	13.0	15.8	12.4	21.5	8.9
Incr Delay (d2), s/veh	0.5	3.3	2.5	0.1	6.5	0.9
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.4	3.6	3.7	0.3	1.7	3.2
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	15.3	16.3	18.3	12.5	28.0	9.8
LnGrp LOS	B	B	B	B	C	A
Approach Vol, veh/h	566		473			763
Approach Delay, s/veh	16.0		17.7			13.2
Approach LOS	B		B			B

Timer - Assigned Phs	1	2				6	8
Phs Duration (G+Y+Rc), s	10.6	20.9				31.5	18.1
Change Period (Y+Rc), s	5.1	5.8				5.8	4.9
Max Green Setting (Gmax), s	19.3	30.2				49.2	14.1
Max Q Clear Time (g_c+I1), s	6.1	12.8				14.9	13.0
Green Ext Time (p_c), s	0.3	2.3				4.2	0.3

Intersection Summary	
HCM 6th Ctrl Delay	15.3
HCM 6th LOS	B

1: Tinloy St /Tinloy St & Neal St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.1	0.3	0.0	0.1
Total Del/Veh (s)	18.2	102.8	17.1	40.2

2: SR 49 On-Ramp/Tinloy St & Auburn St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	1.1	0.0	0.4
Total Del/Veh (s)	6.3	9.3	29.2	14.6

8: Main St & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	1.6	2.2	1.2
Total Del/Veh (s)	19.6	11.9	18.9	19.5	16.5

9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.0	0.4	2.7	0.7
Total Del/Veh (s)	15.1	14.7	21.1	37.7	21.0

10: Brunswick Rd & SR 49/20 EB On Ramp Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	9.2	10.3	28.6	14.5

11: Sutton Way & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.6	1.7	0.0	0.6
Total Del/Veh (s)	20.6	43.9	53.1	15.5	33.5

22: SR 49 EB Ramps & Dorsey Dr Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.8	2.7	1.0
Total Del/Veh (s)	13.0	13.9	18.5	14.7

23: Dorsey Dr & Sr 49 WB Ramps Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	1.6	0.3	0.2	0.8
Total Del/Veh (s)	22.3	13.8	20.9	18.4

3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.2	0.0	0.5	0.3
Total Del/Veh (s)	16.1	10.8	2.1	9.9

MOVEMENT SUMMARY

Site: 5 [Main St / Idaho Maryland Rd]

Cumulative PM Peak
Site Category: (None)
Roundabout

Movement Performance - Vehicles												
Mov ID	Turn	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: SR 49 Ramps												
3	L2	72	3.0	0.291	7.5	LOS A	1.3	34.3	0.59	0.55	0.59	33.1
8	T1	81	3.0	0.291	7.5	LOS A	1.3	34.3	0.59	0.55	0.59	33.0
18	R2	89	3.0	0.291	7.5	LOS A	1.3	34.3	0.59	0.55	0.59	32.1
Approach		242	3.0	0.291	7.5	LOS A	1.3	34.3	0.59	0.55	0.59	32.7
East: Idaho Maryland Rd												
1	L2	365	3.0	0.379	7.9	LOS A	1.8	46.8	0.56	0.49	0.56	31.2
6	T1	311	3.0	0.559	11.1	LOS B	4.7	121.3	0.66	0.73	0.95	32.1
16	R2	232	3.0	0.559	11.1	LOS B	4.7	121.3	0.66	0.73	0.95	31.2
Approach		907	3.0	0.559	9.8	LOS A	4.7	121.3	0.62	0.63	0.79	31.5
North: Main St												
7	L2	94	3.0	0.447	11.2	LOS B	2.4	60.3	0.68	0.77	0.96	31.5
4	T1	226	3.0	0.447	11.2	LOS B	2.4	60.3	0.68	0.77	0.96	31.4
14	R2	354	3.0	0.218	0.0	LOS A	0.0	0.0	0.00	0.00	0.00	37.2
Approach		674	3.0	0.447	5.4	LOS A	2.4	60.3	0.32	0.37	0.45	34.2
West: Main St												
5	L2	229	3.0	0.519	12.4	LOS B	3.3	83.7	0.70	0.83	1.09	30.3
2	T1	131	3.0	0.519	12.4	LOS B	3.3	83.7	0.70	0.83	1.09	30.3
12	R2	33	3.0	0.519	12.4	LOS B	3.3	83.7	0.70	0.83	1.09	29.5
Approach		393	3.0	0.519	12.4	LOS B	3.3	83.7	0.70	0.83	1.09	30.2
All Vehicles		2216	3.0	0.559	8.7	LOS A	4.7	121.3	0.54	0.58	0.72	32.1

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Signalised Intersections.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Intersection	
Intersection Delay, s/veh	9.6
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	20	107	2	0	0	0	0	101	119	101	100	0
Future Vol, veh/h	20	107	2	0	0	0	0	101	119	101	100	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	22	116	2	0	0	0	0	110	129	110	109	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	9.2	10.2	9.2
HCM LOS	A	B	A

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	27%	0%	100%	0%
Vol Thru, %	46%	73%	96%	0%	100%
Vol Right, %	54%	0%	4%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	220	74	56	101	100
LT Vol	0	20	0	101	0
Through Vol	101	54	54	0	100
RT Vol	119	0	2	0	0
Lane Flow Rate	239	80	60	110	109
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.323	0.128	0.094	0.172	0.155
Departure Headway (Hd)	4.861	5.781	5.619	5.64	5.137
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	739	618	636	636	697
Service Time	2.898	3.532	3.37	3.381	2.877
HCM Lane V/C Ratio	0.323	0.129	0.094	0.173	0.156
HCM Control Delay	10.2	9.4	9	9.6	8.8
HCM Lane LOS	B	A	A	A	A
HCM 95th-tile Q	1.4	0.4	0.3	0.6	0.5

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	207	15	44	171	119	391
Future Volume (veh/h)	207	15	44	171	119	391
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1856	1870	1826	1441	1737	1693
Adj Flow Rate, veh/h	225	16	48	186	129	425
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	3	2	5	31	11	14
Cap, veh/h	321	23	95	394	506	691
Arrive On Green	0.19	0.19	0.18	0.18	0.31	0.31
Sat Flow, veh/h	1712	122	543	2311	1654	1434
Grp Volume(v), veh/h	0	241	125	109	129	425
Grp Sat Flow(s),veh/h/ln	0	1834	1413	1369	1654	1434
Q Serve(g_s), s	0.0	5.2	3.4	3.0	2.5	9.3
Cycle Q Clear(g_c), s	0.0	5.2	3.4	3.0	2.5	9.3
Prop In Lane		0.07	0.38		1.00	1.00
Lane Grp Cap(c), veh/h	0	344	249	241	506	691
V/C Ratio(X)	0.00	0.70	0.50	0.45	0.25	0.62
Avail Cap(c_a), veh/h	0	1088	839	812	981	1103
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	0.0	16.2	15.9	15.7	11.1	8.1
Incr Delay (d2), s/veh	0.0	2.6	1.6	1.3	0.3	0.9
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	2.1	1.1	0.9	0.8	3.4
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	0.0	18.8	17.5	17.1	11.4	9.0
LnGrp LOS	A	B	B	B	B	A
Approach Vol, veh/h	241			234	554	
Approach Delay, s/veh	18.8			17.3	9.6	
Approach LOS	B			B	A	

Timer - Assigned Phs		2		4		8
Phs Duration (G+Y+Rc), s		17.7		12.7		12.2
Change Period (Y+Rc), s		* 4.7		* 4.7		4.7
Max Green Setting (Gmax), s		* 25		* 25		25.3
Max Q Clear Time (g_c+I1), s		11.3		7.2		5.4
Green Ext Time (p_c), s		1.8		1.2		1.3

Intersection Summary	
HCM 6th Ctrl Delay	13.5
HCM 6th LOS	B

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	536	77	24	180	45	7
Future Volume (veh/h)	536	77	24	180	45	7
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1693	1826	1870	1544	1826	1856
Adj Flow Rate, veh/h	583	84	26	196	49	8
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	14	5	2	24	5	3
Cap, veh/h	992	143	65	519	105	17
Arrive On Green	0.35	0.35	0.19	0.19	0.07	0.07
Sat Flow, veh/h	2906	406	334	2738	1446	236
Grp Volume(v), veh/h	332	335	119	103	58	0
Grp Sat Flow(s),veh/h/ln	1608	1620	1528	1467	1711	0
Q Serve(g_s), s	6.2	6.2	2.5	2.2	1.2	0.0
Cycle Q Clear(g_c), s	6.2	6.2	2.5	2.2	1.2	0.0
Prop In Lane		0.25	0.22		0.84	0.14
Lane Grp Cap(c), veh/h	565	569	298	286	125	0
V/C Ratio(X)	0.59	0.59	0.40	0.36	0.46	0.00
Avail Cap(c_a), veh/h	1762	1775	1051	1009	484	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	9.7	9.8	12.9	12.8	16.4	0.0
Incr Delay (d2), s/veh	1.0	1.0	0.9	0.8	2.7	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.7	1.7	0.8	0.7	0.5	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	10.7	10.7	13.8	13.6	19.0	0.0
LnGrp LOS	B	B	B	B	B	A
Approach Vol, veh/h	667			222	58	
Approach Delay, s/veh	10.7			13.7	19.0	
Approach LOS	B			B	B	

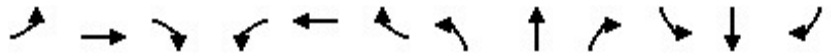
Timer - Assigned Phs	2	4	8
Phs Duration (G+Y+Rc), s	7.3	17.6	11.9
Change Period (Y+Rc), s	4.6	* 4.7	4.7
Max Green Setting (Gmax), s	10.4	* 40	25.3
Max Q Clear Time (g_c+I1), s	3.2	8.2	4.5
Green Ext Time (p_c), s	0.1	4.7	1.2

Intersection Summary	
HCM 6th Ctrl Delay	11.9
HCM 6th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	5	98	74	50	89	106	224	11	13	270	5
Future Volume (veh/h)	0	5	98	74	50	89	106	224	11	13	270	5
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	0	1870	1781	1870	1870	1870	1722	1648	1870	1870	1693	1870
Adj Flow Rate, veh/h	0	0	110	80	54	97	115	243	12	14	293	5
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	0	2	8	2	2	2	12	17	2	2	14	2
Cap, veh/h	0	190	619	140	95	205	170	419	21	32	594	10
Arrive On Green	0.00	0.00	0.10	0.13	0.13	0.13	0.10	0.27	0.27	0.02	0.18	0.18
Sat Flow, veh/h	0	1870	3019	1084	732	1585	1640	1557	77	1781	3235	55
Grp Volume(v), veh/h	0	0	110	134	0	97	115	0	255	14	145	153
Grp Sat Flow(s),veh/h/ln	0	1870	1510	1816	0	1585	1640	0	1634	1781	1608	1683
Q Serve(g_s), s	0.0	0.0	1.3	3.0	0.0	2.5	2.9	0.0	5.9	0.3	3.5	3.5
Cycle Q Clear(g_c), s	0.0	0.0	1.3	3.0	0.0	2.5	2.9	0.0	5.9	0.3	3.5	3.5
Prop In Lane	0.00		1.00	0.60		1.00	1.00		0.05	1.00		0.03
Lane Grp Cap(c), veh/h	0	190	619	235	0	205	170	0	440	32	295	309
V/C Ratio(X)	0.00	0.00	0.18	0.57	0.00	0.47	0.68	0.00	0.58	0.44	0.49	0.49
Avail Cap(c_a), veh/h	0	425	999	621	0	542	561	0	1100	282	897	939
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	0.0	0.0	14.3	17.8	0.0	17.6	18.8	0.0	13.8	21.2	16.0	16.0
Incr Delay (d2), s/veh	0.0	0.0	0.1	2.2	0.0	1.7	4.7	0.0	1.2	9.2	1.3	1.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	0.4	1.2	0.0	0.9	1.1	0.0	1.7	0.2	1.1	1.2
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.0	0.0	14.4	20.0	0.0	19.3	23.5	0.0	15.0	30.4	17.2	17.2
LnGrp LOS	A	A	B	B	A	B	C	A	B	C	B	B
Approach Vol, veh/h		110			231			370			312	
Approach Delay, s/veh		14.4			19.7			17.6			17.8	
Approach LOS		B			B			B			B	

Timer - Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	5.9	17.4		9.5	9.6	13.7		10.7
Change Period (Y+Rc), s	5.1	5.7		5.1	5.1	5.7		5.1
Max Green Setting (Gmax), s	6.9	29.3		9.9	14.9	24.3		14.9
Max Q Clear Time (g_c+I1), s	2.3	7.9		3.3	4.9	5.5		5.0
Green Ext Time (p_c), s	0.0	1.3		0.2	0.2	1.4		0.7

Intersection Summary	
HCM 6th Ctrl Delay	17.8
HCM 6th LOS	B

Notes

User approved pedestrian interval to be less than phase max green.

User approved volume balancing among the lanes for turning movement.

Intersection	
Int Delay, s/veh	1.2

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	20	30	56	321	313	98
Future Vol, veh/h	20	30	56	321	313	98
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	22	33	61	349	340	107

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	865	224	447	0	-	0
Stage 1	394	-	-	-	-	-
Stage 2	471	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	308	777	1099	-	-	-
Stage 1	651	-	-	-	-	-
Stage 2	627	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	291	777	1099	-	-	-
Mov Cap-2 Maneuver	485	-	-	-	-	-
Stage 1	615	-	-	-	-	-
Stage 2	627	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	11	1.3	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	1099	-	485	777	-	-
HCM Lane V/C Ratio	0.055	-	0.045	0.042	-	-
HCM Control Delay (s)	8.5	-	12.8	9.8	-	-
HCM Lane LOS	A	-	B	A	-	-
HCM 95th %tile Q(veh)	0.2	-	0.1	0.1	-	-

Intersection	
Intersection Delay, s/veh	11.3
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	17	10	9	28	25	80	15	314	6	25	103	12
Future Vol, veh/h	17	10	9	28	25	80	15	314	6	25	103	12
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	3	2	2	2	2	4	2	9	2	3	9	3
Mvmt Flow	18	11	10	30	27	87	16	341	7	27	112	13
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	8.8	9.3	13.2	9.3
HCM LOS	A	A	B	A

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	47%	21%	100%	0%
Vol Thru, %	0%	98%	28%	19%	0%	90%
Vol Right, %	0%	2%	25%	60%	0%	10%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	15	320	36	133	25	115
LT Vol	15	0	17	28	25	0
Through Vol	0	314	10	25	0	103
RT Vol	0	6	9	80	0	12
Lane Flow Rate	16	348	39	145	27	125
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.026	0.508	0.059	0.2	0.044	0.187
Departure Headway (Hd)	5.65	5.253	5.421	4.978	5.875	5.399
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	630	682	655	717	605	660
Service Time	3.412	3.015	3.503	3.038	3.65	3.175
HCM Lane V/C Ratio	0.025	0.51	0.06	0.202	0.045	0.189
HCM Control Delay	8.6	13.4	8.8	9.3	8.9	9.4
HCM Lane LOS	A	B	A	A	A	A
HCM 95th-tile Q	0.1	2.9	0.2	0.7	0.1	0.7

Intersection	
Int Delay, s/veh	6.5

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	116	49	133	242	118	44
Future Vol, veh/h	116	49	133	242	118	44
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	3	13	10	5	3	2
Mvmt Flow	126	53	145	263	128	48

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	145	0	-	0	450	145
Stage 1	-	-	-	-	145	-
Stage 2	-	-	-	-	305	-
Critical Hdwy	4.13	-	-	-	6.43	6.22
Critical Hdwy Stg 1	-	-	-	-	5.43	-
Critical Hdwy Stg 2	-	-	-	-	5.43	-
Follow-up Hdwy	2.227	-	-	-	3.527	3.318
Pot Cap-1 Maneuver	1431	-	-	0	565	902
Stage 1	-	-	-	0	880	-
Stage 2	-	-	-	0	745	-
Platoon blocked, %		-	-			
Mov Cap-1 Maneuver	1431	-	-	-	515	902
Mov Cap-2 Maneuver	-	-	-	-	515	-
Stage 1	-	-	-	-	803	-
Stage 2	-	-	-	-	745	-

Approach	EB	WB	SB
HCM Control Delay, s	5.5	0	12.9
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1431	-	-	515	902
HCM Lane V/C Ratio	0.088	-	-	0.249	0.053
HCM Control Delay (s)	7.8	-	-	14.3	9.2
HCM Lane LOS	A	-	-	B	A
HCM 95th %tile Q(veh)	0.3	-	-	1	0.2

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	135	251	7	123	41	5
Future Volume (veh/h)	135	251	7	123	41	5
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1841	1781	1870	1781	1826	1870
Adj Flow Rate, veh/h	147	273	8	134	45	5
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	4	8	2	8	5	2
Cap, veh/h	600	492	23	953	109	12
Arrive On Green	0.33	0.33	0.01	0.54	0.07	0.07
Sat Flow, veh/h	1841	1510	1781	1781	1517	169
Grp Volume(v), veh/h	147	273	8	134	51	0
Grp Sat Flow(s),veh/h/ln	1841	1510	1781	1781	1720	0
Q Serve(g_s), s	1.4	3.6	0.1	0.9	0.7	0.0
Cycle Q Clear(g_c), s	1.4	3.6	0.1	0.9	0.7	0.0
Prop In Lane		1.00	1.00		0.88	0.10
Lane Grp Cap(c), veh/h	600	492	23	953	124	0
V/C Ratio(X)	0.25	0.55	0.35	0.14	0.41	0.00
Avail Cap(c_a), veh/h	2330	1911	543	1883	1099	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	5.9	6.6	11.7	2.8	10.6	0.0
Incr Delay (d2), s/veh	0.2	1.0	8.6	0.1	2.2	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.3	0.7	0.1	0.0	0.2	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	6.1	7.6	20.3	2.9	12.8	0.0
LnGrp LOS	A	A	C	A	B	A
Approach Vol, veh/h	420			142	51	
Approach Delay, s/veh	7.1			3.8	12.8	
Approach LOS	A			A	B	

Timer - Assigned Phs	2	3	4	8
Phs Duration (G+Y+Rc), s	6.4	5.0	12.5	17.5
Change Period (Y+Rc), s	* 4.7	* 4.7	* 4.7	* 4.7
Max Green Setting (Gmax), s	* 15	* 7.3	* 30	* 25
Max Q Clear Time (g_c+I1), s	2.7	2.1	5.6	2.9
Green Ext Time (p_c), s	0.1	0.0	1.8	0.7

Intersection Summary	
HCM 6th Ctrl Delay	6.8
HCM 6th LOS	A

Notes

User approved pedestrian interval to be less than phase max green.
User approved volume balancing among the lanes for turning movement.
* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Intersection Delay, s/veh	8.1
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	50	72	80	63	24	54
Future Vol, veh/h	50	72	80	63	24	54
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	3	3	7	2	2	3
Mvmt Flow	54	78	87	68	26	59
Number of Lanes	0	1	1	0	1	1

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	2	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	2	1
HCM Control Delay	8.3	8	7.8
HCM LOS	A	A	A

Lane	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	41%	0%	100%	0%
Vol Thru, %	59%	56%	0%	0%
Vol Right, %	0%	44%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	122	143	24	54
LT Vol	50	0	24	0
Through Vol	72	80	0	0
RT Vol	0	63	0	54
Lane Flow Rate	133	155	26	59
Geometry Grp	2	2	7	7
Degree of Util (X)	0.162	0.177	0.041	0.073
Departure Headway (Hd)	4.397	4.104	5.668	4.479
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	820	878	634	802
Service Time	2.406	2.113	3.383	2.193
HCM Lane V/C Ratio	0.162	0.177	0.041	0.074
HCM Control Delay	8.3	8	8.6	7.5
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.6	0.6	0.1	0.2

Intersection	
Intersection Delay, s/veh	9
Intersection LOS	A

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	28	167	116	82	73	43
Future Vol, veh/h	28	167	116	82	73	43
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	30	182	126	89	79	47
Number of Lanes	1	0	0	1	1	1

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	8.7	9.7	8.2
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	SBLn1	SBLn2
Vol Left, %	59%	14%	0%	0%
Vol Thru, %	41%	0%	100%	0%
Vol Right, %	0%	86%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	198	195	73	43
LT Vol	116	28	0	0
Through Vol	82	0	73	0
RT Vol	0	167	0	43
Lane Flow Rate	215	212	79	47
Geometry Grp	5	2	7	7
Degree of Util (X)	0.285	0.251	0.115	0.058
Departure Headway (Hd)	4.77	4.261	5.198	4.493
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	753	844	689	795
Service Time	2.806	2.287	2.938	2.232
HCM Lane V/C Ratio	0.286	0.251	0.115	0.059
HCM Control Delay	9.7	8.7	8.6	7.5
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	1.2	1	0.4	0.2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	30	79	283	127	209	112
Future Volume (veh/h)	30	79	283	127	209	112
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1826	1796	1767	1826	1767	1767
Adj Flow Rate, veh/h	33	86	308	138	227	122
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	7	9	5	9	9
Cap, veh/h	171	420	476	417	299	1050
Arrive On Green	0.10	0.10	0.27	0.27	0.18	0.59
Sat Flow, veh/h	1739	1522	1767	1547	1682	1767
Grp Volume(v), veh/h	33	86	308	138	227	122
Grp Sat Flow(s),veh/h/ln	1739	1522	1767	1547	1682	1767
Q Serve(g_s), s	0.6	1.5	5.4	2.5	4.5	1.0
Cycle Q Clear(g_c), s	0.6	1.5	5.4	2.5	4.5	1.0
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	171	420	476	417	299	1050
V/C Ratio(X)	0.19	0.20	0.65	0.33	0.76	0.12
Avail Cap(c_a), veh/h	705	888	1534	1344	963	2499
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	14.4	9.7	11.2	10.2	13.6	3.1
Incr Delay (d2), s/veh	0.5	0.2	1.5	0.5	3.9	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.2	0.4	1.5	0.6	1.5	0.1
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	15.0	9.9	12.7	10.6	17.5	3.1
LnGrp LOS	B	A	B	B	B	A
Approach Vol, veh/h	119		446			349
Approach Delay, s/veh	11.3		12.1			12.5
Approach LOS	B		B			B

Timer - Assigned Phs	1	2			6	8
Phs Duration (G+Y+Rc), s	11.3	15.2			26.5	8.3
Change Period (Y+Rc), s	5.1	5.8			5.8	4.9
Max Green Setting (Gmax), s	19.9	30.2			49.2	14.1
Max Q Clear Time (g_c+I1), s	6.5	7.4			3.0	3.5
Green Ext Time (p_c), s	0.5	2.1			0.6	0.2

Intersection Summary	
HCM 6th Ctrl Delay	12.1
HCM 6th LOS	B

1: Tinloy St /Tinloy St & Neal St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	0.2	0.0	0.1
Total Del/Veh (s)	3.5	14.2	4.2	6.7

2: SR 49 On-Ramp/Tinloy St & Auburn St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	1.1	0.0	0.3
Total Del/Veh (s)	3.8	6.1	12.9	7.2

8: Main St & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	1.4	2.1	1.0
Total Del/Veh (s)	14.2	4.5	8.0	6.9	6.3

9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.0	0.8	2.9	0.9
Total Del/Veh (s)	4.3	9.0	19.2	40.3	17.6

10: Brunswick Rd & SR 49/20 EB On Ramp Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.6	3.8	18.6	8.2

11: Sutton Way & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.4	1.4	0.0	0.2
Total Del/Veh (s)	6.0	9.4	10.6	1.0	5.5

22: SR 49 EB Ramps & Dorsey Dr Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.4	2.1	1.3
Total Del/Veh (s)	12.7	14.0	5.8	8.9

23: Dorsey Dr & Sr 49 WB Ramps Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.9	0.0	0.1	0.3
Total Del/Veh (s)	6.7	4.8	6.6	5.6

3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	0.2	0.1
Total Del/Veh (s)	5.7	7.9	0.5	4.1

MOVEMENT SUMMARY

Site: 5 [Main St / Idaho Maryland Rd]

Cumulative 0630-0730 AM
Site Category: (None)
Roundabout

Movement Performance - Vehicles												
Mov ID	Turn	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: SR 49 Ramps												
3	L2	13	3.0	0.092	4.9	LOS A	0.4	9.6	0.48	0.38	0.48	34.8
8	T1	21	3.0	0.092	4.9	LOS A	0.4	9.6	0.48	0.38	0.48	34.7
18	R2	48	3.0	0.092	4.9	LOS A	0.4	9.6	0.48	0.38	0.48	33.7
Approach		82	3.0	0.092	4.9	LOS A	0.4	9.6	0.48	0.38	0.48	34.1
East: Idaho Maryland Rd												
1	L2	122	3.0	0.107	4.1	LOS A	0.4	11.0	0.33	0.21	0.33	32.9
6	T1	65	3.0	0.159	4.6	LOS A	0.7	17.0	0.35	0.23	0.35	35.4
16	R2	116	3.0	0.159	4.6	LOS A	0.7	17.0	0.35	0.23	0.35	34.2
Approach		303	3.0	0.159	4.4	LOS A	0.7	17.0	0.34	0.22	0.34	33.9
North: Main St												
7	L2	77	3.0	0.208	5.0	LOS A	0.9	22.1	0.34	0.22	0.34	34.4
4	T1	165	3.0	0.208	5.0	LOS A	0.9	22.1	0.34	0.22	0.34	34.3
14	R2	78	3.0	0.048	0.0	LOS A	0.0	0.0	0.00	0.00	0.00	37.2
Approach		319	3.0	0.208	3.8	LOS A	0.9	22.1	0.25	0.17	0.25	35.0
West: Main St												
5	L2	173	3.0	0.338	7.1	LOS A	1.5	38.5	0.50	0.43	0.50	32.8
2	T1	142	3.0	0.338	7.1	LOS A	1.5	38.5	0.50	0.43	0.50	32.7
12	R2	25	3.0	0.338	7.1	LOS A	1.5	38.5	0.50	0.43	0.50	31.8
Approach		339	3.0	0.338	7.1	LOS A	1.5	38.5	0.50	0.43	0.50	32.7
All Vehicles		1043	3.0	0.338	5.1	LOS A	1.5	38.5	0.38	0.28	0.38	33.8

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Signalised Intersections.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

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Intersection	
Intersection Delay, s/veh	18.3
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	62	378	5	0	0	0	0	103	170	168	360	0
Future Vol, veh/h	62	378	5	0	0	0	0	103	170	168	360	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	67	411	5	0	0	0	0	112	185	183	391	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	16.2	16.7	20.9
HCM LOS	C	C	C

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	25%	0%	100%	0%
Vol Thru, %	38%	75%	97%	0%	100%
Vol Right, %	62%	0%	3%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	273	251	194	168	360
LT Vol	0	62	0	168	0
Through Vol	103	189	189	0	360
RT Vol	170	0	5	0	0
Lane Flow Rate	297	273	211	183	391
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.533	0.535	0.405	0.359	0.714
Departure Headway (Hd)	6.462	7.056	6.912	7.074	6.565
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	555	510	519	508	548
Service Time	4.528	4.822	4.678	4.842	4.333
HCM Lane V/C Ratio	0.535	0.535	0.407	0.36	0.714
HCM Control Delay	16.7	17.7	14.3	13.8	24.2
HCM Lane LOS	C	C	B	B	C
HCM 95th-tile Q	3.1	3.1	1.9	1.6	5.8

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	342	50	70	666	180	259
Future Volume (veh/h)	342	50	70	666	180	259
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1841	1811	1870	1722	1811	1485
Adj Flow Rate, veh/h	364	53	74	709	191	276
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	4	6	2	12	6	28
Cap, veh/h	435	63	93	937	333	631
Arrive On Green	0.28	0.28	0.31	0.31	0.19	0.19
Sat Flow, veh/h	1571	229	302	3127	1725	1259
Grp Volume(v), veh/h	0	417	418	365	191	276
Grp Sat Flow(s),veh/h/ln	0	1800	1707	1636	1725	1259
Q Serve(g_s), s	0.0	13.9	14.3	12.6	6.4	8.9
Cycle Q Clear(g_c), s	0.0	13.9	14.3	12.6	6.4	8.9
Prop In Lane		0.13	0.18		1.00	1.00
Lane Grp Cap(c), veh/h	0	499	526	504	333	631
V/C Ratio(X)	0.00	0.84	0.80	0.72	0.57	0.44
Avail Cap(c_a), veh/h	0	715	678	650	685	888
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	0.0	21.7	20.2	19.6	23.3	10.1
Incr Delay (d2), s/veh	0.0	5.9	5.0	2.9	1.6	0.5
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	6.2	5.9	4.8	2.6	4.1
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	0.0	27.6	25.2	22.5	24.9	10.6
LnGrp LOS	A	C	C	C	C	B
Approach Vol, veh/h	417			783	467	
Approach Delay, s/veh	27.6			23.9	16.4	
Approach LOS	C			C	B	

Timer - Assigned Phs		2		4		8
Phs Duration (G+Y+Rc), s		17.0		22.4		24.3
Change Period (Y+Rc), s		* 4.7		* 4.7		4.7
Max Green Setting (Gmax), s		* 25		* 25		25.3
Max Q Clear Time (g_c+I1), s		10.9		15.9		16.3
Green Ext Time (p_c), s		1.4		1.8		3.3

Intersection Summary		
HCM 6th Ctrl Delay		22.7
HCM 6th LOS		C

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	500	94	35	634	124	57
Future Volume (veh/h)	500	94	35	634	124	57
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1322	1841	1870	1796	1826	1870
Adj Flow Rate, veh/h	543	102	38	689	135	62
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	39	4	2	7	5	2
Cap, veh/h	710	133	50	955	168	77
Arrive On Green	0.34	0.34	0.29	0.29	0.15	0.15
Sat Flow, veh/h	2178	395	175	3409	1142	524
Grp Volume(v), veh/h	322	323	389	338	198	0
Grp Sat Flow(s),veh/h/ln	1256	1251	1788	1706	1674	0
Q Serve(g_s), s	14.0	14.1	12.1	10.8	7.0	0.0
Cycle Q Clear(g_c), s	14.0	14.1	12.1	10.8	7.0	0.0
Prop In Lane		0.32	0.10		0.68	0.31
Lane Grp Cap(c), veh/h	422	421	514	491	247	0
V/C Ratio(X)	0.76	0.77	0.76	0.69	0.80	0.00
Avail Cap(c_a), veh/h	827	824	739	706	257	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	18.1	18.2	19.8	19.4	25.2	0.0
Incr Delay (d2), s/veh	2.9	3.0	2.7	1.7	16.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	4.0	4.0	5.0	4.1	3.7	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	21.0	21.1	22.6	21.1	41.2	0.0
LnGrp LOS	C	C	C	C	D	A
Approach Vol, veh/h	645			727	198	
Approach Delay, s/veh	21.1			21.9	41.2	
Approach LOS	C			C	D	

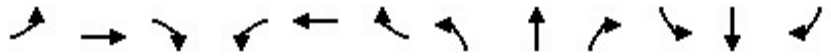
Timer - Assigned Phs	2	4	8
Phs Duration (G+Y+Rc), s	13.6	25.3	22.3
Change Period (Y+Rc), s	4.6	* 4.7	4.7
Max Green Setting (Gmax), s	9.4	* 40	25.3
Max Q Clear Time (g_c+I1), s	9.0	16.1	14.1
Green Ext Time (p_c), s	0.0	4.4	3.5

Intersection Summary	
HCM 6th Ctrl Delay	24.0
HCM 6th LOS	C

Notes

User approved volume balancing among the lanes for turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	3	65	217	32	31	69	173	571	70	137	477	14
Future Volume (veh/h)	3	65	217	32	31	69	173	571	70	137	477	14
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1826	1870	1870	1870	1841	1826	1870	1870	1722	1870
Adj Flow Rate, veh/h	3	69	231	34	33	73	184	607	74	146	507	15
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	2	2	5	2	2	2	4	5	2	2	12	2
Cap, veh/h	10	240	408	71	69	122	227	655	80	167	1216	36
Arrive On Green	0.13	0.13	0.13	0.08	0.08	0.08	0.13	0.41	0.41	0.09	0.37	0.37
Sat Flow, veh/h	78	1789	1547	926	898	1585	1753	1596	195	1781	3245	96
Grp Volume(v), veh/h	72	0	231	67	0	73	184	0	681	146	255	267
Grp Sat Flow(s),veh/h/ln	1866	0	1547	1824	0	1585	1753	0	1791	1781	1636	1705
Q Serve(g_s), s	2.6	0.0	9.5	2.6	0.0	3.3	7.5	0.0	26.7	6.0	8.5	8.5
Cycle Q Clear(g_c), s	2.6	0.0	9.5	2.6	0.0	3.3	7.5	0.0	26.7	6.0	8.5	8.5
Prop In Lane	0.04		1.00	0.51		1.00	1.00		0.11	1.00		0.06
Lane Grp Cap(c), veh/h	251	0	408	140	0	122	227	0	735	167	613	639
V/C Ratio(X)	0.29	0.00	0.57	0.48	0.00	0.60	0.81	0.00	0.93	0.88	0.42	0.42
Avail Cap(c_a), veh/h	251	0	408	369	0	320	354	0	785	167	613	639
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	28.7	0.0	23.5	32.6	0.0	32.9	31.2	0.0	20.7	33.0	17.1	17.1
Incr Delay (d2), s/veh	0.6	0.0	1.8	2.5	0.0	4.7	7.8	0.0	16.4	36.8	0.5	0.4
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.2	0.0	3.5	1.2	0.0	1.4	3.6	0.0	13.4	4.2	3.1	3.2
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	29.3	0.0	25.3	35.1	0.0	37.6	39.0	0.0	37.1	69.8	17.5	17.5
LnGrp LOS	C	A	C	D	A	D	D	A	D	E	B	B
Approach Vol, veh/h		303			140			865			668	
Approach Delay, s/veh		26.3			36.4			37.5			28.9	
Approach LOS		C			D			D			C	

Timer - Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	12.0	35.9		15.0	14.6	33.3		10.8
Change Period (Y+Rc), s	5.1	5.7		5.1	5.1	5.7		5.1
Max Green Setting (Gmax), s	6.9	32.3		9.9	14.9	24.3		14.9
Max Q Clear Time (g_c+I1), s	8.0	28.7		11.5	9.5	10.5		5.3
Green Ext Time (p_c), s	0.0	1.6		0.0	0.2	2.7		0.3

Intersection Summary	
HCM 6th Ctrl Delay	32.8
HCM 6th LOS	C

Notes

User approved pedestrian interval to be less than phase max green.

Intersection	
Int Delay, s/veh	3.3

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	141	118	49	648	638	70
Future Vol, veh/h	141	118	49	648	638	70
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	97	97	97	97	97	97
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	145	122	51	668	658	72

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1464	365	730	0	-	0
Stage 1	694	-	-	-	-	-
Stage 2	770	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	~ 130	630	861	-	-	-
Stage 1	458	-	-	-	-	-
Stage 2	456	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	~ 122	630	861	-	-	-
Mov Cap-2 Maneuver	319	-	-	-	-	-
Stage 1	431	-	-	-	-	-
Stage 2	456	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	19.3	0.7	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	861	-	319	630	-	-
HCM Lane V/C Ratio	0.059	-	0.456	0.193	-	-
HCM Control Delay (s)	9.4	-	25.4	12.1	-	-
HCM Lane LOS	A	-	D	B	-	-
HCM 95th %tile Q(veh)	0.2	-	2.3	0.7	-	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Intersection Delay, s/veh	25.6
Intersection LOS	D

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	28	33	10	16	25	77	8	349	23	129	455	62
Future Vol, veh/h	28	33	10	16	25	77	8	349	23	129	455	62
Peak Hour Factor	0.94	0.90	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Heavy Vehicles, %	2	2	2	2	2	4	2	9	2	4	9	3
Mvmt Flow	30	37	11	17	27	82	9	371	24	137	484	66
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	11.3	11.5	21.1	32.5
HCM LOS	B	B	C	D

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	39%	14%	100%	0%
Vol Thru, %	0%	94%	46%	21%	0%	88%
Vol Right, %	0%	6%	14%	65%	0%	12%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	8	372	71	118	129	517
LT Vol	8	0	28	16	129	0
Through Vol	0	349	33	25	0	455
RT Vol	0	23	10	77	0	62
Lane Flow Rate	9	396	77	126	137	550
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.016	0.681	0.15	0.226	0.241	0.887
Departure Headway (Hd)	6.626	6.195	6.999	6.478	6.311	5.806
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	538	582	509	551	568	622
Service Time	4.391	3.96	5.094	4.561	4.066	3.56
HCM Lane V/C Ratio	0.017	0.68	0.151	0.229	0.241	0.884
HCM Control Delay	9.5	21.3	11.3	11.5	11.1	37.8
HCM Lane LOS	A	C	B	B	B	E
HCM 95th-tile Q	0	5.2	0.5	0.9	0.9	10.6

Intersection	
Int Delay, s/veh	22.9

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	90	216	191	285	344	114
Future Vol, veh/h	90	216	191	285	344	114
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	3	2	2
Mvmt Flow	98	235	208	310	374	124

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	208	0	-	0	639	208
Stage 1	-	-	-	-	208	-
Stage 2	-	-	-	-	431	-
Critical Hdwy	4.12	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1363	-	-	0	440	832
Stage 1	-	-	-	0	827	-
Stage 2	-	-	-	0	655	-
Platoon blocked, %			-	-		
Mov Cap-1 Maneuver	1363	-	-	-	408	832
Mov Cap-2 Maneuver	-	-	-	-	408	-
Stage 1	-	-	-	-	767	-
Stage 2	-	-	-	-	655	-

Approach	EB	WB	SB
HCM Control Delay, s	2.3	0	46.2
HCM LOS			E

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1363	-	-	408	832
HCM Lane V/C Ratio	0.072	-	-	0.916	0.149
HCM Control Delay (s)	7.8	-	-	58.2	10.1
HCM Lane LOS	A	-	-	F	B
HCM 95th %tile Q(veh)	0.2	-	-	9.9	0.5

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	0	0	380	482	0
Future Vol, veh/h	0	0	0	380	482	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	500	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	0	413	524	0

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	937	524	524	0	-	0
Stage 1	524	-	-	-	-	-
Stage 2	413	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	294	553	1043	-	-	-
Stage 1	594	-	-	-	-	-
Stage 2	668	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	294	553	1043	-	-	-
Mov Cap-2 Maneuver	489	-	-	-	-	-
Stage 1	594	-	-	-	-	-
Stage 2	668	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	0	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1043	-	-	-	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	0	-	-
HCM Lane LOS	A	-	A	-	-
HCM 95th %tile Q(veh)	0	-	-	-	-

Intersection	
Int Delay, s/veh	0

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	70	0	0	90	0	0
Future Vol, veh/h	70	0	0	90	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	76	0	0	98	0	0

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	76	0	174	76
Stage 1	-	-	-	-	76	-
Stage 2	-	-	-	-	98	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1523	-	816	985
Stage 1	-	-	-	-	947	-
Stage 2	-	-	-	-	926	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1523	-	816	985
Mov Cap-2 Maneuver	-	-	-	-	816	-
Stage 1	-	-	-	-	947	-
Stage 2	-	-	-	-	926	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	0
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	-	-	-	1523	-
HCM Lane V/C Ratio	-	-	-	-	-
HCM Control Delay (s)	0	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	-	-	-	0	-

Intersection	
Int Delay, s/veh	0.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		⇕			⇕			⇕			⇕	
Traffic Vol, veh/h	5	140	0	0	238	0	0	0	0	1	0	0
Future Vol, veh/h	5	140	0	0	238	0	0	0	0	1	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	16	152	0	0	259	0	0	0	0	1	0	0

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	259	0	0	152	0	0	443	443	152	443	443	259
Stage 1	-	-	-	-	-	-	184	184	-	259	259	-
Stage 2	-	-	-	-	-	-	259	259	-	184	184	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.12	6.52	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	1306	-	-	1429	-	-	525	509	894	525	509	780
Stage 1	-	-	-	-	-	-	818	747	-	746	694	-
Stage 2	-	-	-	-	-	-	746	694	-	818	747	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1306	-	-	1429	-	-	520	502	894	520	502	780
Mov Cap-2 Maneuver	-	-	-	-	-	-	520	502	-	520	502	-
Stage 1	-	-	-	-	-	-	807	737	-	736	694	-
Stage 2	-	-	-	-	-	-	746	694	-	807	737	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0.8	0	0	11.9
HCM LOS			A	B

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	-	1306	-	-	1429	-	-	520
HCM Lane V/C Ratio	-	0.012	-	-	-	-	-	0.002
HCM Control Delay (s)	0	7.8	0	-	0	-	-	11.9
HCM Lane LOS	A	A	A	-	A	-	-	B
HCM 95th %tile Q(veh)	-	0	-	-	0	-	-	0

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	322	146	13	369	332	37
Future Volume (veh/h)	322	146	13	369	332	37
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1722	1752	1870	1796	1870	1767
Adj Flow Rate, veh/h	350	159	14	401	361	40
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	12	10	2	7	2	9
Cap, veh/h	527	454	39	820	451	50
Arrive On Green	0.31	0.31	0.02	0.46	0.29	0.29
Sat Flow, veh/h	1722	1485	1781	1796	1580	175
Grp Volume(v), veh/h	350	159	14	401	402	0
Grp Sat Flow(s),veh/h/ln	1722	1485	1781	1796	1760	0
Q Serve(g_s), s	6.4	3.0	0.3	5.7	7.7	0.0
Cycle Q Clear(g_c), s	6.4	3.0	0.3	5.7	7.7	0.0
Prop In Lane		1.00	1.00		0.90	0.10
Lane Grp Cap(c), veh/h	527	454	39	820	502	0
V/C Ratio(X)	0.66	0.35	0.36	0.49	0.80	0.00
Avail Cap(c_a), veh/h	1433	1235	357	1248	739	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	11.0	9.8	17.6	6.9	12.1	0.0
Incr Delay (d2), s/veh	1.4	0.5	5.6	0.5	3.9	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.0	0.8	0.2	1.5	2.8	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	12.5	10.3	23.1	7.4	16.0	0.0
LnGrp LOS	B	B	C	A	B	A
Approach Vol, veh/h	509			415	402	
Approach Delay, s/veh	11.8			7.9	16.0	
Approach LOS	B			A	B	

Timer - Assigned Phs		2	3	4		8
Phs Duration (G+Y+Rc), s		15.1	5.5	15.8		21.3
Change Period (Y+Rc), s		* 4.7	* 4.7	* 4.7		* 4.7
Max Green Setting (Gmax), s		* 15	* 7.3	* 30		* 25
Max Q Clear Time (g_c+I1), s		9.7	2.3	8.4		7.7
Green Ext Time (p_c), s		0.7	0.0	2.7		2.3

Intersection Summary	
HCM 6th Ctrl Delay	11.8
HCM 6th LOS	B

Notes

User approved pedestrian interval to be less than phase max green.
User approved volume balancing among the lanes for turning movement.
* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Intersection Delay, s/veh	14.2
Intersection LOS	B

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	244	114	167	92	158	230
Future Vol, veh/h	244	114	167	92	158	230
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	8	3	2	2	4
Mvmt Flow	265	124	182	100	172	250
Number of Lanes	0	1	1	0	1	1

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	2	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	2	1
HCM Control Delay	17.3	12.7	12.4
HCM LOS	C	B	B

Lane	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	68%	0%	100%	0%
Vol Thru, %	32%	64%	0%	0%
Vol Right, %	0%	36%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	358	259	158	230
LT Vol	244	0	158	0
Through Vol	114	167	0	0
RT Vol	0	92	0	230
Lane Flow Rate	389	282	172	250
Geometry Grp	2	2	7	7
Degree of Util (X)	0.612	0.431	0.327	0.394
Departure Headway (Hd)	5.661	5.517	6.864	5.679
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	638	650	524	633
Service Time	3.701	3.562	4.609	3.424
HCM Lane V/C Ratio	0.61	0.434	0.328	0.395
HCM Control Delay	17.3	12.7	12.9	12.1
HCM Lane LOS	C	B	B	B
HCM 95th-tile Q	4.2	2.2	1.4	1.9

Intersection	
Intersection Delay, s/veh	213.1
Intersection LOS	F

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	133	441	424	418	379	139
Future Vol, veh/h	133	441	424	418	379	139
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	145	479	461	454	412	151
Number of Lanes	1	0	0	1	1	1

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	108	390.9	40.4
HCM LOS	F	F	E

Lane	NBLn1	EBLn1	SBLn1	SBLn2
Vol Left, %	50%	23%	0%	0%
Vol Thru, %	50%	0%	100%	0%
Vol Right, %	0%	77%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	842	574	379	139
LT Vol	424	133	0	0
Through Vol	418	0	379	0
RT Vol	0	441	0	139
Lane Flow Rate	915	624	412	151
Geometry Grp	5	2	7	7
Degree of Util (X)	1.809	1.127	0.872	0.29
Departure Headway (Hd)	7.586	7.705	9.231	8.498
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	485	474	395	426
Service Time	5.586	5.705	6.931	6.198
HCM Lane V/C Ratio	1.887	1.316	1.043	0.354
HCM Control Delay	390.9	108	49.9	14.6
HCM Lane LOS	F	F	E	B
HCM 95th-tile Q	54	18.2	8.6	1.2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	183	349	375	78	182	450
Future Volume (veh/h)	183	349	375	78	182	450
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1826	1781	1767	1826	1767	1767
Adj Flow Rate, veh/h	199	379	408	85	198	489
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	8	9	5	9	9
Cap, veh/h	432	602	522	457	253	962
Arrive On Green	0.25	0.25	0.30	0.30	0.15	0.54
Sat Flow, veh/h	1739	1510	1767	1547	1682	1767
Grp Volume(v), veh/h	199	379	408	85	198	489
Grp Sat Flow(s),veh/h/ln	1739	1510	1767	1547	1682	1767
Q Serve(g_s), s	5.0	10.4	10.9	2.1	5.9	9.0
Cycle Q Clear(g_c), s	5.0	10.4	10.9	2.1	5.9	9.0
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	432	602	522	457	253	962
V/C Ratio(X)	0.46	0.63	0.78	0.19	0.78	0.51
Avail Cap(c_a), veh/h	475	639	1033	905	648	1683
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	16.5	12.5	16.7	13.6	21.1	7.4
Incr Delay (d2), s/veh	0.8	1.8	2.6	0.2	5.2	0.4
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.9	3.2	3.8	0.6	2.3	2.1
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	17.2	14.3	19.3	13.8	26.4	7.8
LnGrp LOS	B	B	B	B	C	A
Approach Vol, veh/h	578		493			687
Approach Delay, s/veh	15.3		18.3			13.2
Approach LOS	B		B			B

Timer - Assigned Phs	1	2				6	8
Phs Duration (G+Y+Rc), s	12.9	21.1				33.9	17.7
Change Period (Y+Rc), s	5.1	5.8				5.8	4.9
Max Green Setting (Gmax), s	19.3	30.2				49.2	14.1
Max Q Clear Time (g_c+I1), s	7.9	12.9				11.0	12.4
Green Ext Time (p_c), s	0.4	2.3				3.0	0.4

Intersection Summary	
HCM 6th Ctrl Delay	15.3
HCM 6th LOS	B

1: Tinloy St /Tinloy St & Neal St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	0.2	0.0	0.0
Total Del/Veh (s)	11.3	14.8	5.8	9.0

2: SR 49 On-Ramp/Tinloy St & Auburn St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	1.0	0.9	0.6
Total Del/Veh (s)	5.3	8.6	16.5	9.9

8: Main St & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	1.7	2.1	1.1
Total Del/Veh (s)	18.6	10.3	18.4	17.0	14.6

9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.0	0.5	2.8	0.6
Total Del/Veh (s)	12.4	13.7	17.3	34.4	17.2

10: Brunswick Rd & SR 49/20 EB On Ramp Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	10.5	10.2	28.9	14.9

11: Sutton Way & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.6	1.6	0.0	0.6
Total Del/Veh (s)	19.9	40.1	40.5	13.6	28.9

22: SR 49 EB Ramps & Dorsey Dr Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.8	2.7	1.0
Total Del/Veh (s)	13.3	14.1	18.2	14.8

23: Dorsey Dr & Sr 49 WB Ramps Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	1.6	0.0	0.2	0.7
Total Del/Veh (s)	21.1	13.4	20.5	17.6

3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.2	0.0	0.4	0.3
Total Del/Veh (s)	12.4	10.0	1.9	8.0

MOVEMENT SUMMARY

Site: 5 [Main St / Idaho Maryland Rd]

Cumulative 1530-1630 PM
Site Category: (None)
Roundabout

Movement Performance - Vehicles												
Mov ID	Turn	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: SR 49 Ramps												
3	L2	57	3.0	0.275	7.4	LOS A	1.2	31.8	0.59	0.54	0.59	33.3
8	T1	63	3.0	0.275	7.4	LOS A	1.2	31.8	0.59	0.54	0.59	33.2
18	R2	106	3.0	0.275	7.4	LOS A	1.2	31.8	0.59	0.54	0.59	32.3
Approach		226	3.0	0.275	7.4	LOS A	1.2	31.8	0.59	0.54	0.59	32.8
East: Idaho Maryland Rd												
1	L2	367	3.0	0.364	7.4	LOS A	1.8	45.2	0.52	0.44	0.52	31.4
6	T1	261	3.0	0.461	8.9	LOS A	2.6	65.6	0.57	0.50	0.59	33.2
16	R2	206	3.0	0.461	8.9	LOS A	2.6	65.6	0.57	0.50	0.59	32.2
Approach		834	3.0	0.461	8.2	LOS A	2.6	65.6	0.55	0.48	0.56	32.1
North: Main St												
7	L2	115	3.0	0.475	11.4	LOS B	2.7	69.8	0.68	0.78	0.99	31.4
4	T1	245	3.0	0.475	11.4	LOS B	2.7	69.8	0.68	0.78	0.99	31.3
14	R2	333	3.0	0.205	0.0	LOS A	0.0	0.0	0.00	0.00	0.00	37.2
Approach		693	3.0	0.475	5.9	LOS A	2.7	69.8	0.35	0.41	0.51	33.8
West: Main St												
5	L2	215	3.0	0.532	13.1	LOS B	3.4	86.2	0.72	0.86	1.14	30.1
2	T1	135	3.0	0.532	13.1	LOS B	3.4	86.2	0.72	0.86	1.14	30.1
12	R2	39	3.0	0.532	13.1	LOS B	3.4	86.2	0.72	0.86	1.14	29.3
Approach		389	3.0	0.532	13.1	LOS B	3.4	86.2	0.72	0.86	1.14	30.0
All Vehicles		2142	3.0	0.532	8.3	LOS A	3.4	86.2	0.52	0.53	0.65	32.3

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Signalised Intersections.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Intersection	
Intersection Delay, s/veh	10.7
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	37	208	4	0	0	0	0	65	66	118	235	0
Future Vol, veh/h	37	208	4	0	0	0	0	65	66	118	235	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	40	226	4	0	0	0	0	71	72	128	255	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	10.5	10	11.2
HCM LOS	B	A	B

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	26%	0%	100%	0%
Vol Thru, %	50%	74%	96%	0%	100%
Vol Right, %	50%	0%	4%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	131	141	108	118	235
LT Vol	0	37	0	118	0
Through Vol	65	104	104	0	235
RT Vol	66	0	4	0	0
Lane Flow Rate	142	153	117	128	255
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.215	0.254	0.19	0.212	0.386
Departure Headway (Hd)	5.441	5.977	5.819	5.948	5.444
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	654	596	612	599	656
Service Time	3.529	3.766	3.608	3.725	3.221
HCM Lane V/C Ratio	0.217	0.257	0.191	0.214	0.389
HCM Control Delay	10	10.8	10	10.3	11.6
HCM Lane LOS	A	B	A	B	B
HCM 95th-tile Q	0.8	1	0.7	0.8	1.8

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	130	28	23	284	73	107
Future Volume (veh/h)	130	28	23	284	73	107
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1841	1811	1870	1722	1811	1485
Adj Flow Rate, veh/h	141	30	25	309	79	116
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	4	6	2	12	6	28
Cap, veh/h	272	58	52	681	335	520
Arrive On Green	0.18	0.18	0.22	0.22	0.19	0.19
Sat Flow, veh/h	1471	313	239	3193	1725	1259
Grp Volume(v), veh/h	0	171	179	155	79	116
Grp Sat Flow(s),veh/h/ln	0	1784	1710	1636	1725	1259
Q Serve(g_s), s	0.0	3.0	3.2	2.9	1.4	2.1
Cycle Q Clear(g_c), s	0.0	3.0	3.2	2.9	1.4	2.1
Prop In Lane		0.18	0.14		1.00	1.00
Lane Grp Cap(c), veh/h	0	330	375	359	335	520
V/C Ratio(X)	0.00	0.52	0.48	0.43	0.24	0.22
Avail Cap(c_a), veh/h	0	1287	1233	1180	1244	1183
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	0.0	12.9	11.9	11.8	11.9	6.7
Incr Delay (d2), s/veh	0.0	1.3	0.9	0.8	0.4	0.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	1.1	1.0	0.9	0.4	0.7
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	0.0	14.1	12.9	12.6	12.3	6.9
LnGrp LOS	A	B	B	B	B	A
Approach Vol, veh/h	171			334	195	
Approach Delay, s/veh	14.1			12.8	9.1	
Approach LOS	B			B	A	

Timer - Assigned Phs		2		4		8
Phs Duration (G+Y+Rc), s		11.5		11.2		12.4
Change Period (Y+Rc), s		* 4.7		* 4.7		4.7
Max Green Setting (Gmax), s		* 25		* 25		25.3
Max Q Clear Time (g_c+I1), s		4.1		5.0		5.2
Green Ext Time (p_c), s		0.6		0.9		1.9

Intersection Summary	
HCM 6th Ctrl Delay	12.1
HCM 6th LOS	B

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	220	9	2	265	31	16
Future Volume (veh/h)	220	9	2	265	31	16
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1322	1841	1870	1796	1826	1870
Adj Flow Rate, veh/h	239	10	2	288	34	17
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	39	4	2	7	5	2
Cap, veh/h	514	21	5	751	189	94
Arrive On Green	0.21	0.21	0.22	0.22	0.17	0.17
Sat Flow, veh/h	2523	102	23	3568	1094	547
Grp Volume(v), veh/h	122	127	156	134	52	0
Grp Sat Flow(s),veh/h/ln	1256	1304	1795	1706	1673	0
Q Serve(g_s), s	3.0	3.0	2.6	2.3	0.9	0.0
Cycle Q Clear(g_c), s	3.0	3.0	2.6	2.3	0.9	0.0
Prop In Lane		0.08	0.01		0.65	0.33
Lane Grp Cap(c), veh/h	263	273	388	369	288	0
V/C Ratio(X)	0.46	0.47	0.40	0.36	0.18	0.00
Avail Cap(c_a), veh/h	1455	1510	1305	1241	452	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	12.0	12.1	11.7	11.6	12.3	0.0
Incr Delay (d2), s/veh	1.3	1.2	0.7	0.6	0.3	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	0.8	0.9	0.7	0.3	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	13.3	13.3	12.4	12.2	12.6	0.0
LnGrp LOS	B	B	B	B	B	A
Approach Vol, veh/h	249			290	52	
Approach Delay, s/veh	13.3			12.3	12.6	
Approach LOS	B			B	B	

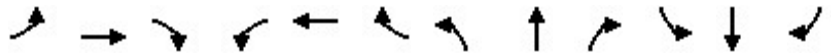
Timer - Assigned Phs	2	4	8
Phs Duration (G+Y+Rc), s	10.6	12.0	12.2
Change Period (Y+Rc), s	4.6	* 4.7	4.7
Max Green Setting (Gmax), s	9.4	* 40	25.3
Max Q Clear Time (g_c+I1), s	2.9	5.0	4.6
Green Ext Time (p_c), s	0.0	1.6	1.6

Intersection Summary	
HCM 6th Ctrl Delay	12.8
HCM 6th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	1	34	116	26	16	50	61	230	36	100	288	1
Future Volume (veh/h)	1	34	116	26	16	50	61	230	36	100	288	1
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1826	1870	1870	1870	1841	1826	1870	1870	1722	1870
Adj Flow Rate, veh/h	1	37	126	28	17	54	66	250	39	109	313	1
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	5	2	2	2	4	5	2	2	12	2
Cap, veh/h	6	213	298	107	65	151	132	358	56	148	804	3
Arrive On Green	0.12	0.12	0.12	0.10	0.10	0.10	0.08	0.23	0.23	0.08	0.24	0.24
Sat Flow, veh/h	49	1819	1547	1129	685	1585	1753	1542	241	1781	3346	11
Grp Volume(v), veh/h	38	0	126	45	0	54	66	0	289	109	153	161
Grp Sat Flow(s),veh/h/ln	1868	0	1547	1814	0	1585	1753	0	1783	1781	1636	1720
Q Serve(g_s), s	0.8	0.0	3.2	1.0	0.0	1.4	1.6	0.0	6.6	2.7	3.5	3.5
Cycle Q Clear(g_c), s	0.8	0.0	3.2	1.0	0.0	1.4	1.6	0.0	6.6	2.7	3.5	3.5
Prop In Lane	0.03		1.00	0.62		1.00	1.00		0.13	1.00		0.01
Lane Grp Cap(c), veh/h	219	0	298	173	0	151	132	0	414	148	393	413
V/C Ratio(X)	0.17	0.00	0.42	0.26	0.00	0.36	0.50	0.00	0.70	0.74	0.39	0.39
Avail Cap(c_a), veh/h	416	0	461	608	0	531	587	0	1294	276	894	940
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	17.7	0.0	15.8	18.7	0.0	18.8	19.8	0.0	15.6	19.9	14.2	14.2
Incr Delay (d2), s/veh	0.4	0.0	1.0	0.8	0.0	1.4	2.9	0.0	2.1	6.9	0.6	0.6
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.3	0.0	1.0	0.4	0.0	0.5	0.7	0.0	2.5	1.3	1.2	1.2
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	18.1	0.0	16.7	19.5	0.0	20.3	22.7	0.0	17.8	26.8	14.8	14.8
LnGrp LOS	B	A	B	B	A	C	C	A	B	C	B	B
Approach Vol, veh/h		164			99			355			423	
Approach Delay, s/veh		17.1			19.9			18.7			17.9	
Approach LOS		B			B			B			B	

Timer - Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	8.8	16.0		10.3	8.4	16.4		9.3
Change Period (Y+Rc), s	5.1	5.7		5.1	5.1	5.7		5.1
Max Green Setting (Gmax), s	6.9	32.3		9.9	14.9	24.3		14.9
Max Q Clear Time (g_c+I1), s	4.7	8.6		5.2	3.6	5.5		3.4
Green Ext Time (p_c), s	0.0	1.7		0.2	0.1	1.7		0.2

Intersection Summary		
HCM 6th Ctrl Delay		18.2
HCM 6th LOS		B

Notes

User approved pedestrian interval to be less than phase max green.

Intersection	
Int Delay, s/veh	1.4

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	34	57	10	264	400	28
Future Vol, veh/h	34	57	10	264	400	28
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	37	62	11	287	435	30

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	759	233	465	0	-	0
Stage 1	450	-	-	-	-	-
Stage 2	309	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	358	767	1082	-	-	-
Stage 1	610	-	-	-	-	-
Stage 2	744	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	354	767	1082	-	-	-
Mov Cap-2 Maneuver	526	-	-	-	-	-
Stage 1	604	-	-	-	-	-
Stage 2	744	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	11	0.3	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	1082	-	526	767	-	-
HCM Lane V/C Ratio	0.01	-	0.07	0.081	-	-
HCM Control Delay (s)	8.4	-	12.4	10.1	-	-
HCM Lane LOS	A	-	B	B	-	-
HCM 95th %tile Q(veh)	0	-	0.2	0.3	-	-

Intersection	
Intersection Delay, s/veh	11.2
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	14	25	2	11	15	40	3	182	11	90	287	41
Future Vol, veh/h	14	25	2	11	15	40	3	182	11	90	287	41
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	4	2	9	2	4	9	3
Mvmt Flow	15	27	2	12	16	43	3	198	12	98	312	45
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	9.1	8.9	10.5	12.1
HCM LOS	A	A	B	B

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	34%	17%	100%	0%
Vol Thru, %	0%	94%	61%	23%	0%	88%
Vol Right, %	0%	6%	5%	61%	0%	12%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	3	193	41	66	90	328
LT Vol	3	0	14	11	90	0
Through Vol	0	182	25	15	0	287
RT Vol	0	11	2	40	0	41
Lane Flow Rate	3	210	45	72	98	357
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.005	0.312	0.07	0.104	0.151	0.502
Departure Headway (Hd)	5.776	5.352	5.642	5.227	5.57	5.065
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	617	669	631	681	642	709
Service Time	3.535	3.111	3.716	3.294	3.32	2.815
HCM Lane V/C Ratio	0.005	0.314	0.071	0.106	0.153	0.504
HCM Control Delay	8.6	10.5	9.1	8.9	9.3	12.9
HCM Lane LOS	A	B	A	A	A	B
HCM 95th-tile Q	0	1.3	0.2	0.3	0.5	2.8

Intersection	
Int Delay, s/veh	7.1

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	25	141	81	164	237	46
Future Vol, veh/h	25	141	81	164	237	46
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	3	2	2
Mvmt Flow	27	153	88	178	258	50

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	88	0	-	0	295	88
Stage 1	-	-	-	-	88	-
Stage 2	-	-	-	-	207	-
Critical Hdwy	4.12	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1508	-	-	0	696	970
Stage 1	-	-	-	0	935	-
Stage 2	-	-	-	0	828	-
Platoon blocked, %		-	-			
Mov Cap-1 Maneuver	1508	-	-	-	683	970
Mov Cap-2 Maneuver	-	-	-	-	683	-
Stage 1	-	-	-	-	918	-
Stage 2	-	-	-	-	828	-

Approach	EB	WB	SB
HCM Control Delay, s	1.1	0	12.7
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1508	-	-	683	970
HCM Lane V/C Ratio	0.018	-	-	0.377	0.052
HCM Control Delay (s)	7.4	-	-	13.4	8.9
HCM Lane LOS	A	-	-	B	A
HCM 95th %tile Q(veh)	0.1	-	-	1.8	0.2

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	105	41	3	90	47	12
Future Volume (veh/h)	105	41	3	90	47	12
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1722	1752	1870	1796	1870	1767
Adj Flow Rate, veh/h	114	45	3	98	51	13
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	12	10	2	7	2	9
Cap, veh/h	435	375	9	775	302	77
Arrive On Green	0.25	0.25	0.00	0.43	0.22	0.22
Sat Flow, veh/h	1722	1485	1781	1796	1365	348
Grp Volume(v), veh/h	114	45	3	98	65	0
Grp Sat Flow(s),veh/h/ln	1722	1485	1781	1796	1739	0
Q Serve(g_s), s	1.4	0.6	0.0	0.9	0.8	0.0
Cycle Q Clear(g_c), s	1.4	0.6	0.0	0.9	0.8	0.0
Prop In Lane		1.00	1.00		0.78	0.20
Lane Grp Cap(c), veh/h	435	375	9	775	385	0
V/C Ratio(X)	0.26	0.12	0.34	0.13	0.17	0.00
Avail Cap(c_a), veh/h	1927	1661	480	1678	983	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	8.1	7.8	13.4	4.6	8.5	0.0
Incr Delay (d2), s/veh	0.3	0.1	21.3	0.1	0.2	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.4	0.1	0.1	0.2	0.2	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	8.4	7.9	34.7	4.7	8.7	0.0
LnGrp LOS	A	A	C	A	A	A
Approach Vol, veh/h	159			101	65	
Approach Delay, s/veh	8.3			5.6	8.7	
Approach LOS	A			A	A	

Timer - Assigned Phs		2	3	4		8
Phs Duration (G+Y+Rc), s		10.7	4.8	11.5		16.4
Change Period (Y+Rc), s		* 4.7	* 4.7	* 4.7		* 4.7
Max Green Setting (Gmax), s		* 15	* 7.3	* 30		* 25
Max Q Clear Time (g_c+I1), s		2.8	2.0	3.4		2.9
Green Ext Time (p_c), s		0.1	0.0	0.7		0.4

Intersection Summary	
HCM 6th Ctrl Delay	7.5
HCM 6th LOS	A

Notes

User approved pedestrian interval to be less than phase max green.
User approved volume balancing among the lanes for turning movement.
* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Intersection Delay, s/veh	7.9
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	81	37	22	27	35	74
Future Vol, veh/h	81	37	22	27	35	74
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	8	3	2	2	4
Mvmt Flow	88	40	24	29	38	80
Number of Lanes	0	1	1	0	1	1

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	2	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	2	1
HCM Control Delay	8.2	7.3	7.8
HCM LOS	A	A	A

Lane	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	69%	0%	100%	0%
Vol Thru, %	31%	45%	0%	0%
Vol Right, %	0%	55%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	118	49	35	74
LT Vol	81	0	35	0
Through Vol	37	22	0	0
RT Vol	0	27	0	74
Lane Flow Rate	128	53	38	80
Geometry Grp	2	2	7	7
Degree of Util (X)	0.154	0.06	0.058	0.096
Departure Headway (Hd)	4.415	4.039	5.449	4.28
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	817	891	661	842
Service Time	2.415	2.047	3.149	1.98
HCM Lane V/C Ratio	0.157	0.059	0.057	0.095
HCM Control Delay	8.2	7.3	8.5	7.4
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.5	0.2	0.2	0.3

Intersection	
Intersection Delay, s/veh	10.4
Intersection LOS	B

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	82	78	155	153	120	50
Future Vol, veh/h	82	78	155	153	120	50
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	89	85	168	166	130	54
Number of Lanes	1	0	0	1	1	1

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	9.6	11.7	8.8
HCM LOS	A	B	A

Lane	NBLn1	EBLn1	SBLn1	SBLn2
Vol Left, %	50%	51%	0%	0%
Vol Thru, %	50%	0%	100%	0%
Vol Right, %	0%	49%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	308	160	120	50
LT Vol	155	82	0	0
Through Vol	153	0	120	0
RT Vol	0	78	0	50
Lane Flow Rate	335	174	130	54
Geometry Grp	5	2	7	7
Degree of Util (X)	0.446	0.239	0.191	0.069
Departure Headway (Hd)	4.793	4.954	5.273	4.567
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	750	722	678	780
Service Time	2.84	3.009	3.026	2.32
HCM Lane V/C Ratio	0.447	0.241	0.192	0.069
HCM Control Delay	11.7	9.6	9.3	7.7
HCM Lane LOS	B	A	A	A
HCM 95th-tile Q	2.3	0.9	0.7	0.2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	43	25	212	24	112	372
Future Volume (veh/h)	43	25	212	24	112	372
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1826	1781	1767	1826	1767	1767
Adj Flow Rate, veh/h	47	27	230	26	122	404
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	8	9	5	9	9
Cap, veh/h	134	279	482	423	181	982
Arrive On Green	0.08	0.08	0.27	0.27	0.11	0.56
Sat Flow, veh/h	1739	1510	1767	1547	1682	1767
Grp Volume(v), veh/h	47	27	230	26	122	404
Grp Sat Flow(s),veh/h/ln	1739	1510	1767	1547	1682	1767
Q Serve(g_s), s	0.7	0.4	3.2	0.4	2.0	3.8
Cycle Q Clear(g_c), s	0.7	0.4	3.2	0.4	2.0	3.8
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	134	279	482	423	181	982
V/C Ratio(X)	0.35	0.10	0.48	0.06	0.67	0.41
Avail Cap(c_a), veh/h	841	893	1830	1603	1148	2981
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	12.8	9.9	8.9	7.8	12.5	3.7
Incr Delay (d2), s/veh	1.5	0.1	0.7	0.1	4.3	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.3	0.1	0.7	0.1	0.7	0.1
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	14.3	10.0	9.6	7.9	16.8	4.0
LnGrp LOS	B	B	A	A	B	A
Approach Vol, veh/h	74		256			526
Approach Delay, s/veh	12.7		9.4			7.0
Approach LOS	B		A			A

Timer - Assigned Phs	1	2			6	8
Phs Duration (G+Y+Rc), s	8.2	13.8			22.0	7.2
Change Period (Y+Rc), s	5.1	5.8			5.8	4.9
Max Green Setting (Gmax), s	19.9	30.2			49.2	14.1
Max Q Clear Time (g_c+I1), s	4.0	5.2			5.8	2.7
Green Ext Time (p_c), s	0.2	1.2			2.4	0.1

Intersection Summary	
HCM 6th Ctrl Delay	8.2
HCM 6th LOS	A

1: Tinloy St /Tinloy St & Neal St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	0.2	0.0	0.0
Total Del/Veh (s)	11.8	21.3	5.6	11.7

2: SR 49 On-Ramp/Tinloy St & Auburn St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	0.8	0.0	0.2
Total Del/Veh (s)	4.5	7.6	18.7	9.0

8: Main St & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	1.5	2.1	1.1
Total Del/Veh (s)	19.1	7.3	11.3	11.1	9.9

9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.0	0.5	2.8	0.7
Total Del/Veh (s)	8.7	12.3	13.6	36.1	16.3

10: Brunswick Rd & SR 49/20 EB On Ramp Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	4.4	4.3	22.9	8.6

11: Sutton Way & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.7	1.5	0.0	0.5
Total Del/Veh (s)	9.3	17.3	14.0	3.1	10.3

22: SR 49 EB Ramps & Dorsey Dr Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.8	2.9	1.4
Total Del/Veh (s)	10.3	10.8	5.9	8.7

23: Dorsey Dr & Sr 49 WB Ramps Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	1.0	0.0	0.1	0.3
Total Del/Veh (s)	7.6	8.4	8.9	8.2

3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	0.3	0.2
Total Del/Veh (s)	6.6	8.0	1.0	4.4

MOVEMENT SUMMARY

Site: 5 [Main St / Idaho Maryland Rd]

Cumulative 1830-1930 PM
Site Category: (None)
Roundabout

Movement Performance - Vehicles												
Mov ID	Turn	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: SR 49 Ramps												
3	L2	38	3.0	0.106	4.9	LOS A	0.4	11.3	0.46	0.35	0.46	34.2
8	T1	43	3.0	0.106	4.9	LOS A	0.4	11.3	0.46	0.35	0.46	34.1
18	R2	18	3.0	0.106	4.9	LOS A	0.4	11.3	0.46	0.35	0.46	33.2
Approach		99	3.0	0.106	4.9	LOS A	0.4	11.3	0.46	0.35	0.46	34.0
East: Idaho Maryland Rd												
1	L2	163	3.0	0.151	4.7	LOS A	0.6	15.8	0.38	0.27	0.38	32.7
6	T1	200	3.0	0.269	5.9	LOS A	1.2	31.5	0.43	0.32	0.43	34.7
16	R2	92	3.0	0.269	5.9	LOS A	1.2	31.5	0.43	0.32	0.43	33.6
Approach		455	3.0	0.269	5.4	LOS A	1.2	31.5	0.41	0.30	0.41	33.7
North: Main St												
7	L2	65	3.0	0.238	6.1	LOS A	1.0	24.6	0.48	0.41	0.48	33.9
4	T1	165	3.0	0.238	6.1	LOS A	1.0	24.6	0.48	0.41	0.48	33.9
14	R2	225	3.0	0.138	0.0	LOS A	0.0	0.0	0.00	0.00	0.00	37.2
Approach		456	3.0	0.238	3.1	LOS A	1.0	24.6	0.24	0.21	0.24	35.4
West: Main St												
5	L2	176	3.0	0.312	6.9	LOS A	1.3	34.4	0.50	0.44	0.50	32.7
2	T1	106	3.0	0.312	6.9	LOS A	1.3	34.4	0.50	0.44	0.50	32.6
12	R2	23	3.0	0.312	6.9	LOS A	1.3	34.4	0.50	0.44	0.50	31.8
Approach		305	3.0	0.312	6.9	LOS A	1.3	34.4	0.50	0.44	0.50	32.6
All Vehicles		1314	3.0	0.312	4.9	LOS A	1.3	34.4	0.38	0.31	0.38	34.0

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Signalised Intersections.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Intersection	
Intersection Delay, s/veh	33.8
Intersection LOS	D

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	76	348	8	0	0	0	0	212	302	166	253	0
Future Vol, veh/h	76	348	8	0	0	0	0	212	302	166	253	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	83	378	9	0	0	0	0	230	328	180	275	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	17.7	61.4	16.6
HCM LOS	C	F	C

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	30%	0%	100%	0%
Vol Thru, %	41%	70%	96%	0%	100%
Vol Right, %	59%	0%	4%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	514	250	182	166	253
LT Vol	0	76	0	166	0
Through Vol	212	174	174	0	253
RT Vol	302	0	8	0	0
Lane Flow Rate	559	272	198	180	275
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.992	0.566	0.402	0.378	0.536
Departure Headway (Hd)	6.39	7.499	7.312	7.535	7.022
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	564	478	489	475	509
Service Time	4.467	5.286	5.099	5.335	4.822
HCM Lane V/C Ratio	0.991	0.569	0.405	0.379	0.54
HCM Control Delay	61.4	19.7	15	14.9	17.7
HCM Lane LOS	F	C	B	B	C
HCM 95th-tile Q	14.1	3.5	1.9	1.7	3.1

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	331	42	58	401	255	546
Future Volume (veh/h)	331	42	58	401	255	546
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1856	1870	1826	1441	1737	1693
Adj Flow Rate, veh/h	356	45	62	431	274	587
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93
Percent Heavy Veh, %	3	2	5	31	11	14
Cap, veh/h	412	52	77	563	547	804
Arrive On Green	0.26	0.26	0.23	0.23	0.33	0.33
Sat Flow, veh/h	1615	204	335	2529	1654	1434
Grp Volume(v), veh/h	0	401	263	230	274	587
Grp Sat Flow(s),veh/h/ln	0	1819	1424	1369	1654	1434
Q Serve(g_s), s	0.0	16.1	13.4	11.9	10.1	23.3
Cycle Q Clear(g_c), s	0.0	16.1	13.4	11.9	10.1	23.3
Prop In Lane		0.11	0.24		1.00	1.00
Lane Grp Cap(c), veh/h	0	464	326	314	547	804
V/C Ratio(X)	0.00	0.86	0.81	0.73	0.50	0.73
Avail Cap(c_a), veh/h	0	602	471	453	548	804
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	0.0	27.2	27.8	27.3	20.5	12.5
Incr Delay (d2), s/veh	0.0	10.0	6.6	3.5	0.7	3.4
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	7.9	5.0	4.0	3.8	11.5
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	0.0	37.2	34.4	30.7	21.2	15.9
LnGrp LOS	A	D	C	C	C	B
Approach Vol, veh/h	401			493	861	
Approach Delay, s/veh	37.2			32.7	17.6	
Approach LOS	D			C	B	

Timer - Assigned Phs		2		4		8
Phs Duration (G+Y+Rc), s		30.0		24.2		22.2
Change Period (Y+Rc), s		* 4.7		* 4.7		4.7
Max Green Setting (Gmax), s		* 25		* 25		25.3
Max Q Clear Time (g_c+I1), s		25.3		18.1		15.4
Green Ext Time (p_c), s		0.0		1.4		2.2

Intersection Summary		
HCM 6th Ctrl Delay		26.3
HCM 6th LOS		C

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	724	139	26	392	84	30
Future Volume (veh/h)	724	139	26	392	84	30
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1693	1826	1870	1544	1826	1856
Adj Flow Rate, veh/h	762	146	27	413	88	32
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	14	5	2	24	5	3
Cap, veh/h	1090	209	40	638	118	43
Arrive On Green	0.40	0.40	0.23	0.23	0.10	0.10
Sat Flow, veh/h	2777	516	176	2904	1225	445
Grp Volume(v), veh/h	455	453	236	204	121	0
Grp Sat Flow(s),veh/h/ln	1608	1600	1536	1467	1684	0
Q Serve(g_s), s	12.0	12.0	7.2	6.4	3.6	0.0
Cycle Q Clear(g_c), s	12.0	12.0	7.2	6.4	3.6	0.0
Prop In Lane		0.32	0.11		0.73	0.26
Lane Grp Cap(c), veh/h	651	648	346	331	162	0
V/C Ratio(X)	0.70	0.70	0.68	0.62	0.75	0.00
Avail Cap(c_a), veh/h	1265	1259	758	725	342	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	12.6	12.7	18.1	17.8	22.5	0.0
Incr Delay (d2), s/veh	1.4	1.4	2.3	1.9	6.7	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.8	3.8	2.5	2.1	1.6	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	14.0	14.0	20.5	19.7	29.2	0.0
LnGrp LOS	B	B	C	B	C	A
Approach Vol, veh/h	908			440	121	
Approach Delay, s/veh	14.0			20.1	29.2	
Approach LOS	B			C	C	

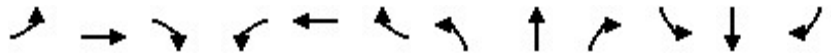
Timer - Assigned Phs	2	4	8
Phs Duration (G+Y+Rc), s	9.5	25.4	16.3
Change Period (Y+Rc), s	4.6	* 4.7	4.7
Max Green Setting (Gmax), s	10.4	* 40	25.3
Max Q Clear Time (g_c+I1), s	5.6	14.0	9.2
Green Ext Time (p_c), s	0.1	6.7	2.4

Intersection Summary	
HCM 6th Ctrl Delay	17.1
HCM 6th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	9	195	100	95	173	262	496	20	45	452	13
Future Volume (veh/h)	0	9	195	100	95	173	262	496	20	45	452	13
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1781	1870	1870	1870	1722	1648	1870	1870	1693	1870
Adj Flow Rate, veh/h	0	10	207	106	101	184	279	528	21	48	481	14
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	2	2	8	2	2	2	12	17	2	2	14	2
Cap, veh/h	0	250	496	142	135	241	319	580	23	77	694	20
Arrive On Green	0.00	0.13	0.13	0.15	0.15	0.15	0.19	0.37	0.37	0.04	0.22	0.22
Sat Flow, veh/h	0	1870	1510	934	890	1585	1640	1574	63	1781	3191	93
Grp Volume(v), veh/h	0	10	207	207	0	184	279	0	549	48	242	253
Grp Sat Flow(s),veh/h/ln	0	1870	1510	1824	0	1585	1640	0	1637	1781	1608	1676
Q Serve(g_s), s	0.0	0.3	7.4	7.6	0.0	7.7	11.5	0.0	22.2	1.8	9.6	9.7
Cycle Q Clear(g_c), s	0.0	0.3	7.4	7.6	0.0	7.7	11.5	0.0	22.2	1.8	9.6	9.7
Prop In Lane	0.00		1.00	0.51		1.00	1.00		0.04	1.00		0.06
Lane Grp Cap(c), veh/h	0	250	496	277	0	241	319	0	604	77	350	364
V/C Ratio(X)	0.00	0.04	0.42	0.75	0.00	0.76	0.87	0.00	0.91	0.62	0.69	0.69
Avail Cap(c_a), veh/h	0	266	509	391	0	340	351	0	690	177	562	586
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	0.0	26.2	18.2	28.2	0.0	28.3	27.2	0.0	20.8	32.7	25.1	25.1
Incr Delay (d2), s/veh	0.0	0.1	0.6	4.8	0.0	6.4	19.6	0.0	14.9	7.8	2.5	2.4
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.1	0.1	3.5	0.0	3.2	5.8	0.0	9.6	0.9	3.5	3.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.0	26.3	18.7	33.0	0.0	34.7	46.8	0.0	35.8	40.5	27.5	27.5
LnGrp LOS	A	C	B	C	A	C	D	A	D	D	C	C
Approach Vol, veh/h		217			391			828			543	
Approach Delay, s/veh		19.1			33.8			39.5			28.6	
Approach LOS		B			C			D			C	

Timer - Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	8.1	31.3		14.4	18.6	20.8		15.7
Change Period (Y+Rc), s	5.1	5.7		5.1	5.1	5.7		5.1
Max Green Setting (Gmax), s	6.9	29.3		9.9	14.9	24.3		14.9
Max Q Clear Time (g_c+I1), s	3.0	24.2		9.4	13.5	11.7		9.7
Green Ext Time (p_c), s	0.0	1.5		0.0	0.1	2.1		0.8

Intersection Summary	
HCM 6th Ctrl Delay	33.2
HCM 6th LOS	C

Notes

User approved pedestrian interval to be less than phase max green.

Intersection	
Int Delay, s/veh	1.5

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	33	55	113	748	535	195
Future Vol, veh/h	33	55	113	748	535	195
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	36	60	123	813	582	212

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1747	397	794	0	-	0
Stage 1	688	-	-	-	-	-
Stage 2	1059	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	85	601	814	-	-	-
Stage 1	461	-	-	-	-	-
Stage 2	332	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	72	601	814	-	-	-
Mov Cap-2 Maneuver	249	-	-	-	-	-
Stage 1	391	-	-	-	-	-
Stage 2	332	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	15.5	1.3	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	814	-	249	601	-	-
HCM Lane V/C Ratio	0.151	-	0.144	0.099	-	-
HCM Control Delay (s)	10.2	-	21.9	11.7	-	-
HCM Lane LOS	B	-	C	B	-	-
HCM 95th %tile Q(veh)	0.5	-	0.5	0.3	-	-

Intersection	
Intersection Delay, s/veh	59.6
Intersection LOS	F

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	58	22	25	25	48	181	27	560	12	52	286	29
Future Vol, veh/h	58	22	25	25	48	181	27	560	12	52	286	29
Peak Hour Factor	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
Heavy Vehicles, %	3	2	2	2	2	4	2	9	2	3	9	3
Mvmt Flow	62	24	27	27	52	195	29	602	13	56	308	31
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	13.8	17.3	109.2	21.2
HCM LOS	B	C	F	C

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	55%	10%	100%	0%
Vol Thru, %	0%	98%	21%	19%	0%	91%
Vol Right, %	0%	2%	24%	71%	0%	9%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	27	572	105	254	52	315
LT Vol	27	0	58	25	52	0
Through Vol	0	560	22	48	0	286
RT Vol	0	12	25	181	0	29
Lane Flow Rate	29	615	113	273	56	339
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.058	1.156	0.24	0.509	0.115	0.654
Departure Headway (Hd)	7.17	6.765	8.19	7.13	7.779	7.303
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	496	535	441	508	464	498
Service Time	4.96	4.555	6.19	5.13	5.479	5.003
HCM Lane V/C Ratio	0.058	1.15	0.256	0.537	0.121	0.681
HCM Control Delay	10.4	113.9	13.8	17.3	11.5	22.8
HCM Lane LOS	B	F	B	C	B	C
HCM 95th-tile Q	0.2	21.1	0.9	2.8	0.4	4.7

Intersection	
Int Delay, s/veh	7.4

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	125	151	275	423	158	109
Future Vol, veh/h	125	151	275	423	158	109
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	3	13	10	5	3	2
Mvmt Flow	133	161	293	450	168	116

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	293	0	-	0	720	293
Stage 1	-	-	-	-	293	-
Stage 2	-	-	-	-	427	-
Critical Hdwy	4.13	-	-	-	6.43	6.22
Critical Hdwy Stg 1	-	-	-	-	5.43	-
Critical Hdwy Stg 2	-	-	-	-	5.43	-
Follow-up Hdwy	2.227	-	-	-	3.527	3.318
Pot Cap-1 Maneuver	1263	-	-	0	393	746
Stage 1	-	-	-	0	755	-
Stage 2	-	-	-	0	656	-
Platoon blocked, %			-	-		
Mov Cap-1 Maneuver	1263	-	-	-	352	746
Mov Cap-2 Maneuver	-	-	-	-	352	-
Stage 1	-	-	-	-	676	-
Stage 2	-	-	-	-	656	-

Approach	EB	WB	SB
HCM Control Delay, s	3.7	0	18.7
HCM LOS			C

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1263	-	-	352	746
HCM Lane V/C Ratio	0.105	-	-	0.478	0.155
HCM Control Delay (s)	8.2	-	-	24.2	10.7
HCM Lane LOS	A	-	-	C	B
HCM 95th %tile Q(veh)	0.4	-	-	2.5	0.5

Intersection	
Int Delay, s/veh	1.1

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	54	15	22	545	241	95
Future Vol, veh/h	54	15	22	545	241	95
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	500	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	96	96	96	96	96	96
Heavy Vehicles, %	2	2	2	9	9	2
Mvmt Flow	56	16	23	568	251	99

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	915	301	350	0	-	0
Stage 1	301	-	-	-	-	-
Stage 2	614	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	303	739	1209	-	-	-
Stage 1	751	-	-	-	-	-
Stage 2	540	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	297	739	1209	-	-	-
Mov Cap-2 Maneuver	475	-	-	-	-	-
Stage 1	737	-	-	-	-	-
Stage 2	540	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	13.1	0.3	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1209	-	515	-	-
HCM Lane V/C Ratio	0.019	-	0.14	-	-
HCM Control Delay (s)	8	-	13.1	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0.1	-	0.5	-	-

Intersection	
Int Delay, s/veh	0.4

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	95	0	0	105	0	10
Future Vol, veh/h	95	0	0	105	0	10
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	3	2	2	2	2	2
Mvmt Flow	103	0	0	114	0	11

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	103	0	217	103
Stage 1	-	-	-	-	103	-
Stage 2	-	-	-	-	114	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1489	-	771	952
Stage 1	-	-	-	-	921	-
Stage 2	-	-	-	-	911	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1489	-	771	952
Mov Cap-2 Maneuver	-	-	-	-	771	-
Stage 1	-	-	-	-	921	-
Stage 2	-	-	-	-	911	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	8.8
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	952	-	-	1489	-
HCM Lane V/C Ratio	0.011	-	-	-	-
HCM Control Delay (s)	8.8	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	0	-	-	0	-

Intersection	
Int Delay, s/veh	0.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		⇕			⇕			⇕			⇕	
Traffic Vol, veh/h	0	420	0	8	112	0	0	0	8	2	0	0
Future Vol, veh/h	0	420	0	8	112	0	0	0	8	2	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	457	0	9	122	0	0	0	9	2	0	0

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	122	0	0	457	0	0	597	597	457	602	597	122
Stage 1	-	-	-	-	-	-	457	457	-	140	140	-
Stage 2	-	-	-	-	-	-	140	140	-	462	457	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.12	6.52	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	1465	-	-	1104	-	-	415	416	604	412	416	929
Stage 1	-	-	-	-	-	-	583	568	-	863	781	-
Stage 2	-	-	-	-	-	-	863	781	-	580	568	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1465	-	-	1104	-	-	412	412	604	403	412	929
Mov Cap-2 Maneuver	-	-	-	-	-	-	412	412	-	403	412	-
Stage 1	-	-	-	-	-	-	583	568	-	863	774	-
Stage 2	-	-	-	-	-	-	855	774	-	572	568	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0.6	11	14
HCM LOS			B	B

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	604	1465	-	-	1104	-	-	403
HCM Lane V/C Ratio	0.014	-	-	-	0.008	-	-	0.005
HCM Control Delay (s)	11	0	-	-	8.3	0	-	14
HCM Lane LOS	B	A	-	-	A	A	-	B
HCM 95th %tile Q(veh)	0	0	-	-	0	-	-	0

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	242	343	23	250	79	12
Future Volume (veh/h)	242	343	23	250	79	12
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1841	1781	1870	1781	1826	1870
Adj Flow Rate, veh/h	249	354	24	258	81	12
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	4	8	2	8	5	2
Cap, veh/h	666	546	65	1001	163	24
Arrive On Green	0.36	0.36	0.04	0.56	0.11	0.11
Sat Flow, veh/h	1841	1510	1781	1781	1476	219
Grp Volume(v), veh/h	249	354	24	258	94	0
Grp Sat Flow(s),veh/h/ln	1841	1510	1781	1781	1713	0
Q Serve(g_s), s	2.9	5.6	0.4	2.1	1.5	0.0
Cycle Q Clear(g_c), s	2.9	5.6	0.4	2.1	1.5	0.0
Prop In Lane		1.00	1.00		0.86	0.13
Lane Grp Cap(c), veh/h	666	546	65	1001	189	0
V/C Ratio(X)	0.37	0.65	0.37	0.26	0.50	0.00
Avail Cap(c_a), veh/h	1944	1595	453	1571	913	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	6.8	7.6	13.5	3.2	12.0	0.0
Incr Delay (d2), s/veh	0.3	1.3	3.5	0.1	2.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	1.2	0.2	0.2	0.5	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	7.1	8.9	17.0	3.4	14.0	0.0
LnGrp LOS	A	A	B	A	B	A
Approach Vol, veh/h	603			282	94	
Approach Delay, s/veh	8.2			4.5	14.0	
Approach LOS	A			A	B	

Timer - Assigned Phs		2	3	4		8
Phs Duration (G+Y+Rc), s		7.9	5.7	15.1		20.8
Change Period (Y+Rc), s		* 4.7	* 4.7	* 4.7		* 4.7
Max Green Setting (Gmax), s		* 15	* 7.3	* 30		* 25
Max Q Clear Time (g_c+I1), s		3.5	2.4	7.6		4.1
Green Ext Time (p_c), s		0.2	0.0	2.8		1.4

Intersection Summary	
HCM 6th Ctrl Delay	7.7
HCM 6th LOS	A

Notes

User approved pedestrian interval to be less than phase max green.
User approved volume balancing among the lanes for turning movement.
* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Intersection Delay, s/veh	10.4
Intersection LOS	B

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	117	128	156	138	50	121
Future Vol, veh/h	117	128	156	138	50	121
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	3	3	7	2	2	3
Mvmt Flow	127	139	170	150	54	132
Number of Lanes	0	1	1	0	1	1

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	2	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	2	1
HCM Control Delay	10.7	10.7	9.4
HCM LOS	B	B	A

Lane	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	48%	0%	100%	0%
Vol Thru, %	52%	53%	0%	0%
Vol Right, %	0%	47%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	245	294	50	121
LT Vol	117	0	50	0
Through Vol	128	156	0	0
RT Vol	0	138	0	121
Lane Flow Rate	266	320	54	132
Geometry Grp	2	2	7	7
Degree of Util (X)	0.362	0.404	0.096	0.189
Departure Headway (Hd)	4.894	4.548	6.363	5.167
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	730	786	559	688
Service Time	2.953	2.601	4.144	2.947
HCM Lane V/C Ratio	0.364	0.407	0.097	0.192
HCM Control Delay	10.7	10.7	9.8	9.2
HCM Lane LOS	B	B	A	A
HCM 95th-tile Q	1.7	2	0.3	0.7

Intersection	
Intersection Delay, s/veh	19.5
Intersection LOS	C

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	89	337	209	202	151	72
Future Vol, veh/h	89	337	209	202	151	72
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	97	366	227	220	164	78
Number of Lanes	1	0	0	1	1	1

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	20	23.5	11.3
HCM LOS	C	C	B

Lane	NBLn1	EBLn1	SBLn1	SBLn2
Vol Left, %	51%	21%	0%	0%
Vol Thru, %	49%	0%	100%	0%
Vol Right, %	0%	79%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	411	426	151	72
LT Vol	209	89	0	0
Through Vol	202	0	151	0
RT Vol	0	337	0	72
Lane Flow Rate	447	463	164	78
Geometry Grp	5	2	7	7
Degree of Util (X)	0.732	0.696	0.301	0.128
Departure Headway (Hd)	5.902	5.412	6.6	5.885
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	612	662	542	605
Service Time	3.964	3.479	4.381	3.665
HCM Lane V/C Ratio	0.73	0.699	0.303	0.129
HCM Control Delay	23.5	20	12.2	9.5
HCM Lane LOS	C	C	B	A
HCM 95th-tile Q	6.3	5.6	1.3	0.4

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	59	195	650	148	296	314
Future Volume (veh/h)	59	195	650	148	296	314
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1826	1796	1767	1826	1767	1767
Adj Flow Rate, veh/h	64	212	707	161	322	341
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	7	9	5	9	9
Cap, veh/h	239	542	744	651	368	1257
Arrive On Green	0.14	0.14	0.42	0.42	0.22	0.71
Sat Flow, veh/h	1739	1522	1767	1547	1682	1767
Grp Volume(v), veh/h	64	212	707	161	322	341
Grp Sat Flow(s),veh/h/ln	1739	1522	1767	1547	1682	1767
Q Serve(g_s), s	2.3	7.4	27.4	4.8	13.1	4.9
Cycle Q Clear(g_c), s	2.3	7.4	27.4	4.8	13.1	4.9
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	239	542	744	651	368	1257
V/C Ratio(X)	0.27	0.39	0.95	0.25	0.87	0.27
Avail Cap(c_a), veh/h	346	636	753	660	473	1257
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	27.4	17.1	19.8	13.3	26.7	3.6
Incr Delay (d2), s/veh	0.6	0.5	21.5	0.2	13.7	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.0	2.5	13.7	1.4	6.1	0.9
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	28.0	17.5	41.3	13.5	40.5	3.8
LnGrp LOS	C	B	D	B	D	A
Approach Vol, veh/h	276		868			663
Approach Delay, s/veh	19.9		36.1			21.6
Approach LOS	B		D			C

Timer - Assigned Phs	1	2				6	8
Phs Duration (G+Y+Rc), s	20.6	35.6				56.2	14.6
Change Period (Y+Rc), s	5.1	5.8				5.8	4.9
Max Green Setting (Gmax), s	15.5	30.2				49.2	14.1
Max Q Clear Time (g_c+I1), s	15.1	29.4				6.9	9.4
Green Ext Time (p_c), s	0.4	0.4				2.0	0.4

Intersection Summary	
HCM 6th Ctrl Delay	28.3
HCM 6th LOS	C

1: Tinloy St /Tinloy St & Neal St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	0.3	0.0	0.1
Total Del/Veh (s)	11.1	52.1	7.3	24.2

2: SR 49 On-Ramp/Tinloy St & Auburn St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.2	1.3	0.0	0.6
Total Del/Veh (s)	6.0	9.4	19.3	11.5

8: Main St & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	1.5	1.9	0.9
Total Del/Veh (s)	16.8	9.1	13.4	13.5	11.6

9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.0	0.4	2.8	0.8
Total Del/Veh (s)	10.8	12.5	14.9	36.2	18.7

10: Brunswick Rd & SR 49/20 EB On Ramp Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	7.5	7.7	26.0	13.1

11: Sutton Way & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.5	1.5	0.0	0.3
Total Del/Veh (s)	12.0	20.1	17.9	5.1	13.6

22: SR 49 EB Ramps & Dorsey Dr Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	2.2	1.2
Total Del/Veh (s)	14.9	17.5	12.0	13.8

23: Dorsey Dr & Sr 49 WB Ramps Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	1.4	0.0	0.2	0.4
Total Del/Veh (s)	12.6	7.1	12.0	9.6

3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.2	0.0	0.3	0.2
Total Del/Veh (s)	9.5	10.4	1.1	7.1

MOVEMENT SUMMARY

Site: 5 [Main St / Idaho Maryland Rd]

Cumulative plus Project AM Peak
To Centennial
Site Category: (None)
Roundabout

Movement Performance - Vehicles												
Mov ID	Turn	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: SR 49 Ramps												
3	L2	30	3.0	0.276	8.8	LOS A	1.2	29.8	0.65	0.65	0.65	32.8
8	T1	63	3.0	0.276	8.8	LOS A	1.2	29.8	0.65	0.65	0.65	32.8
18	R2	90	3.0	0.276	8.8	LOS A	1.2	29.8	0.65	0.65	0.65	31.8
Approach		183	3.0	0.276	8.8	LOS A	1.2	29.8	0.65	0.65	0.65	32.3
East: Idaho Maryland Rd												
1	L2	264	3.0	0.283	6.8	LOS A	1.2	31.7	0.53	0.47	0.53	31.7
6	T1	163	3.0	0.458	9.3	LOS A	2.7	70.2	0.61	0.62	0.73	32.9
16	R2	264	3.0	0.458	9.3	LOS A	2.7	70.2	0.61	0.62	0.73	31.9
Approach		692	3.0	0.458	8.4	LOS A	2.7	70.2	0.58	0.56	0.65	32.0
North: Main St												
7	L2	143	3.0	0.368	8.0	LOS A	1.6	41.6	0.56	0.53	0.56	32.6
4	T1	197	3.0	0.368	8.0	LOS A	1.6	41.6	0.56	0.53	0.56	32.6
14	R2	209	3.0	0.128	0.0	LOS A	0.0	0.0	0.00	0.00	0.00	37.2
Approach		549	3.0	0.368	5.0	LOS A	1.6	41.6	0.35	0.33	0.35	34.2
West: Main St												
5	L2	321	3.0	0.664	16.0	LOS B	6.2	159.5	0.78	1.02	1.47	28.9
2	T1	202	3.0	0.664	16.0	LOS B	6.2	159.5	0.78	1.02	1.47	28.9
12	R2	16	3.0	0.664	16.0	LOS B	6.2	159.5	0.78	1.02	1.47	28.2
Approach		539	3.0	0.664	16.0	LOS B	6.2	159.5	0.78	1.02	1.47	28.9
All Vehicles		1963	3.0	0.664	9.6	LOS A	6.2	159.5	0.58	0.63	0.79	31.7

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Signalised Intersections.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Intersection	
Intersection Delay, s/veh	21
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	79	324	5	0	0	0	0	132	168	177	389	0
Future Vol, veh/h	79	324	5	0	0	0	0	132	168	177	389	0
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	88	360	6	0	0	0	0	147	187	197	432	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	16.6	19.2	25.1
HCM LOS	C	C	D

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	33%	0%	100%	0%
Vol Thru, %	44%	67%	97%	0%	100%
Vol Right, %	56%	0%	3%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	300	241	167	177	389
LT Vol	0	79	0	177	0
Through Vol	132	162	162	0	389
RT Vol	168	0	5	0	0
Lane Flow Rate	333	268	186	197	432
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.605	0.542	0.366	0.388	0.791
Departure Headway (Hd)	6.531	7.292	7.103	7.098	6.589
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	550	493	505	505	549
Service Time	4.599	5.064	4.875	4.871	4.361
HCM Lane V/C Ratio	0.605	0.544	0.368	0.39	0.787
HCM Control Delay	19.2	18.4	14	14.3	30
HCM Lane LOS	C	C	B	B	D
HCM 95th-tile Q	4	3.2	1.7	1.8	7.4

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	267	38	80	840	150	266
Future Volume (veh/h)	267	38	80	840	150	266
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1841	1811	1870	1722	1811	1485
Adj Flow Rate, veh/h	297	42	89	933	167	296
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Percent Heavy Veh, %	4	6	2	12	6	28
Cap, veh/h	366	52	101	1113	327	695
Arrive On Green	0.23	0.23	0.36	0.36	0.19	0.19
Sat Flow, veh/h	1577	223	278	3152	1725	1259
Grp Volume(v), veh/h	0	339	546	476	167	296
Grp Sat Flow(s),veh/h/ln	0	1801	1708	1636	1725	1259
Q Serve(g_s), s	0.0	11.7	19.6	17.1	5.7	9.0
Cycle Q Clear(g_c), s	0.0	11.7	19.6	17.1	5.7	9.0
Prop In Lane		0.12	0.16		1.00	1.00
Lane Grp Cap(c), veh/h	0	418	620	594	327	695
V/C Ratio(X)	0.00	0.81	0.88	0.80	0.51	0.43
Avail Cap(c_a), veh/h	0	696	660	633	667	944
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	0.0	23.8	19.5	18.7	23.8	8.6
Incr Delay (d2), s/veh	0.0	3.8	12.6	6.9	1.2	0.4
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	5.1	9.2	7.0	2.3	4.6
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	0.0	27.6	32.1	25.7	25.0	9.0
LnGrp LOS	A	C	C	C	C	A
Approach Vol, veh/h	339			1022	463	
Approach Delay, s/veh	27.6			29.1	14.8	
Approach LOS	C			C	B	

Timer - Assigned Phs	2	4	8
Phs Duration (G+Y+Rc), s	17.1	19.9	28.5
Change Period (Y+Rc), s	* 4.7	* 4.7	4.7
Max Green Setting (Gmax), s	* 25	* 25	25.3
Max Q Clear Time (g_c+I1), s	11.0	13.7	21.6
Green Ext Time (p_c), s	1.4	1.6	2.2

Intersection Summary	
HCM 6th Ctrl Delay	25.2
HCM 6th LOS	C

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	513	77	26	809	108	35
Future Volume (veh/h)	513	77	26	809	108	35
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1322	1841	1870	1796	1826	1870
Adj Flow Rate, veh/h	590	89	30	930	124	40
Peak Hour Factor	0.87	0.87	0.87	0.87	0.87	0.87
Percent Heavy Veh, %	39	4	2	7	5	2
Cap, veh/h	743	112	35	1132	158	51
Arrive On Green	0.34	0.34	0.33	0.33	0.12	0.12
Sat Flow, veh/h	2255	329	104	3483	1269	409
Grp Volume(v), veh/h	338	341	514	446	165	0
Grp Sat Flow(s),veh/h/ln	1256	1263	1791	1706	1689	0
Q Serve(g_s), s	16.8	16.9	18.5	16.3	6.6	0.0
Cycle Q Clear(g_c), s	16.8	16.9	18.5	16.3	6.6	0.0
Prop In Lane		0.26	0.06		0.75	0.24
Lane Grp Cap(c), veh/h	426	428	598	570	210	0
V/C Ratio(X)	0.79	0.80	0.86	0.78	0.79	0.00
Avail Cap(c_a), veh/h	733	737	656	625	230	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	20.6	20.7	21.5	20.8	29.4	0.0
Incr Delay (d2), s/veh	3.4	3.4	10.5	5.9	15.2	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	4.9	5.0	8.9	6.9	3.4	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	24.0	24.1	32.0	26.7	44.5	0.0
LnGrp LOS	C	C	C	C	D	A
Approach Vol, veh/h	679			960	165	
Approach Delay, s/veh	24.0			29.5	44.5	
Approach LOS	C			C	D	

Timer - Assigned Phs	2	4	8
Phs Duration (G+Y+Rc), s	13.2	28.1	27.8
Change Period (Y+Rc), s	4.6	* 4.7	4.7
Max Green Setting (Gmax), s	9.4	* 40	25.3
Max Q Clear Time (g_c+I1), s	8.6	18.9	20.5
Green Ext Time (p_c), s	0.0	4.5	2.5

Intersection Summary	
HCM 6th Ctrl Delay	28.8
HCM 6th LOS	C

Notes

User approved volume balancing among the lanes for turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	3	71	254	28	34	106	273	607	77	147	526	15
Future Volume (veh/h)	3	71	254	28	34	106	273	607	77	147	526	15
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1826	1870	1870	1870	1841	1826	1870	1870	1722	1870
Adj Flow Rate, veh/h	3	73	262	29	35	109	281	626	79	152	542	15
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	2	2	5	2	2	2	4	5	2	2	12	2
Cap, veh/h	9	231	482	79	95	151	320	657	83	160	1042	29
Arrive On Green	0.13	0.13	0.13	0.10	0.10	0.10	0.18	0.41	0.41	0.09	0.32	0.32
Sat Flow, veh/h	74	1793	1547	829	1000	1585	1753	1589	201	1781	3252	90
Grp Volume(v), veh/h	76	0	262	64	0	109	281	0	705	152	272	285
Grp Sat Flow(s),veh/h/ln	1867	0	1547	1829	0	1585	1753	0	1790	1781	1636	1706
Q Serve(g_s), s	2.8	0.0	9.9	2.5	0.0	5.1	12.0	0.0	29.3	6.5	10.4	10.5
Cycle Q Clear(g_c), s	2.8	0.0	9.9	2.5	0.0	5.1	12.0	0.0	29.3	6.5	10.4	10.5
Prop In Lane	0.04		1.00	0.45		1.00	1.00		0.11	1.00		0.05
Lane Grp Cap(c), veh/h	240	0	482	174	0	151	320	0	740	160	524	547
V/C Ratio(X)	0.32	0.00	0.54	0.37	0.00	0.72	0.88	0.00	0.95	0.95	0.52	0.52
Avail Cap(c_a), veh/h	240	0	482	354	0	307	340	0	751	160	524	547
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	30.4	0.0	22.0	32.6	0.0	33.8	30.6	0.0	21.8	34.8	21.3	21.3
Incr Delay (d2), s/veh	0.7	0.0	1.3	1.3	0.0	6.4	21.2	0.0	21.8	56.7	0.9	0.9
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.3	0.0	3.9	1.2	0.0	2.2	6.8	0.0	15.7	5.3	3.9	4.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	31.2	0.0	23.2	33.9	0.0	40.2	51.8	0.0	43.6	91.5	22.2	22.2
LnGrp LOS	C	A	C	C	A	D	D	A	D	F	C	C
Approach Vol, veh/h		338			173			986			709	
Approach Delay, s/veh		25.0			37.9			46.0			37.1	
Approach LOS		C			D			D			D	

Timer - Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	12.0	37.5		15.0	19.2	30.4		12.4
Change Period (Y+Rc), s	5.1	5.7		5.1	5.1	5.7		5.1
Max Green Setting (Gmax), s	6.9	32.3		9.9	14.9	24.3		14.9
Max Q Clear Time (g_c+I1), s	8.5	31.3		11.9	14.0	12.5		7.1
Green Ext Time (p_c), s	0.0	0.5		0.0	0.1	2.7		0.4

Intersection Summary	
HCM 6th Ctrl Delay	39.3
HCM 6th LOS	D

Notes

User approved pedestrian interval to be less than phase max green.

Intersection	
Int Delay, s/veh	5.6

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	193	99	37	762	715	87
Future Vol, veh/h	193	99	37	762	715	87
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	203	104	39	802	753	92

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1679	423	845	0	-	0
Stage 1	799	-	-	-	-	-
Stage 2	880	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	~ 95	578	779	-	-	-
Stage 1	404	-	-	-	-	-
Stage 2	404	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	~ 90	578	779	-	-	-
Mov Cap-2 Maneuver	277	-	-	-	-	-
Stage 1	384	-	-	-	-	-
Stage 2	404	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	35.2	0.5	0
HCM LOS	E		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	779	-	277	578	-	-
HCM Lane V/C Ratio	0.05	-	0.733	0.18	-	-
HCM Control Delay (s)	9.9	-	46.8	12.6	-	-
HCM Lane LOS	A	-	E	B	-	-
HCM 95th %tile Q(veh)	0.2	-	5.3	0.7	-	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Intersection Delay, s/veh	53.9
Intersection LOS	F

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	33	24	27	23	40	79	22	406	34	151	574	77
Future Vol, veh/h	33	24	27	23	40	79	22	406	34	151	574	77
Peak Hour Factor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Heavy Vehicles, %	2	2	2	2	2	4	2	9	2	4	9	3
Mvmt Flow	33	24	27	23	40	80	22	410	34	153	580	78
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	12.1	12.8	29.1	79.8
HCM LOS	B	B	D	F

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	39%	16%	100%	0%
Vol Thru, %	0%	92%	29%	28%	0%	88%
Vol Right, %	0%	8%	32%	56%	0%	12%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	22	440	84	142	151	651
LT Vol	22	0	33	23	151	0
Through Vol	0	406	24	40	0	574
RT Vol	0	34	27	79	0	77
Lane Flow Rate	22	444	85	143	153	658
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.042	0.793	0.171	0.273	0.28	1.114
Departure Headway (Hd)	7.079	6.635	7.575	7.126	6.607	6.101
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	509	551	477	508	545	598
Service Time	4.779	4.335	5.575	5.126	4.348	3.842
HCM Lane V/C Ratio	0.043	0.806	0.178	0.281	0.281	1.1
HCM Control Delay	10.1	30.1	12.1	12.8	11.9	95.6
HCM Lane LOS	B	D	B	B	B	F
HCM 95th-tile Q	0.1	7.5	0.6	1.1	1.1	20.4

Intersection	
Int Delay, s/veh	61.8

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	86	238	245	277	422	124
Future Vol, veh/h	86	238	245	277	422	124
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	3	2	2
Mvmt Flow	93	259	266	301	459	135

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	266	0	-	0	711	266
Stage 1	-	-	-	-	266	-
Stage 2	-	-	-	-	445	-
Critical Hdwy	4.12	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1298	-	-	0	~ 400	773
Stage 1	-	-	-	0	779	-
Stage 2	-	-	-	0	646	-
Platoon blocked, %			-	-		
Mov Cap-1 Maneuver	1298	-	-	-	~ 371	773
Mov Cap-2 Maneuver	-	-	-	-	~ 371	-
Stage 1	-	-	-	-	723	-
Stage 2	-	-	-	-	646	-

Approach	EB	WB	SB
HCM Control Delay, s	2.1	0	125
HCM LOS			F

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1298	-	-	371	773
HCM Lane V/C Ratio	0.072	-	-	1.236	0.174
HCM Control Delay (s)	8	-	-	158.6	10.6
HCM Lane LOS	A	-	-	F	B
HCM 95th %tile Q(veh)	0.2	-	-	19.7	0.6

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Int Delay, s/veh	1.6

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	85	22	15	378	561	64
Future Vol, veh/h	85	22	15	378	561	64
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	500	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	9	9	2
Mvmt Flow	92	24	16	411	610	70

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1088	645	680	0	-	0
Stage 1	645	-	-	-	-	-
Stage 2	443	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	239	472	912	-	-	-
Stage 1	522	-	-	-	-	-
Stage 2	647	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	235	472	912	-	-	-
Mov Cap-2 Maneuver	430	-	-	-	-	-
Stage 1	513	-	-	-	-	-
Stage 2	647	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	16.2	0.3	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	912	-	438	-	-
HCM Lane V/C Ratio	0.018	-	0.266	-	-
HCM Control Delay (s)	9	-	16.2	-	-
HCM Lane LOS	A	-	C	-	-
HCM 95th %tile Q(veh)	0.1	-	1.1	-	-

Intersection	
Int Delay, s/veh	0.4

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	75	0	0	138	0	10
Future Vol, veh/h	75	0	0	138	0	10
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	82	0	0	150	0	11

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	82	0	232	82
Stage 1	-	-	-	-	82	-
Stage 2	-	-	-	-	150	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1515	-	756	978
Stage 1	-	-	-	-	941	-
Stage 2	-	-	-	-	878	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1515	-	756	978
Mov Cap-2 Maneuver	-	-	-	-	756	-
Stage 1	-	-	-	-	941	-
Stage 2	-	-	-	-	878	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	8.7
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	978	-	-	1515	-
HCM Lane V/C Ratio	0.011	-	-	-	-
HCM Control Delay (s)	8.7	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	0	-	-	0	-

Intersection	
Int Delay, s/veh	0.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	0	148	0	8	357	0	0	0	8	0	0	0
Future Vol, veh/h	0	148	0	8	357	0	0	0	8	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	75	75	75	75	75	75	75	75	75	75	75	75
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	197	0	11	476	0	0	0	11	0	0	0

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	476	0	0	197	0	0	695	695	197	701	695	476
Stage 1	-	-	-	-	-	-	197	197	-	498	498	-
Stage 2	-	-	-	-	-	-	498	498	-	203	197	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.12	6.52	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	1086	-	-	1376	-	-	357	366	844	353	366	589
Stage 1	-	-	-	-	-	-	805	738	-	554	544	-
Stage 2	-	-	-	-	-	-	554	544	-	799	738	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1086	-	-	1376	-	-	354	362	844	346	362	589
Mov Cap-2 Maneuver	-	-	-	-	-	-	354	362	-	346	362	-
Stage 1	-	-	-	-	-	-	805	738	-	554	538	-
Stage 2	-	-	-	-	-	-	548	538	-	789	738	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0.2	9.3	0
HCM LOS			A	A

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	844	1086	-	-	1376	-	-	-
HCM Lane V/C Ratio	0.013	-	-	-	0.008	-	-	-
HCM Control Delay (s)	9.3	0	-	-	7.6	0	-	0
HCM Lane LOS	A	A	-	-	A	A	-	A
HCM 95th %tile Q(veh)	0	0	-	-	0	-	-	-

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	348	146	13	410	332	37
Future Volume (veh/h)	348	146	13	410	332	37
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1722	1752	1870	1796	1870	1767
Adj Flow Rate, veh/h	435	182	16	512	415	46
Peak Hour Factor	0.80	0.80	0.80	0.80	0.80	0.80
Percent Heavy Veh, %	12	10	2	7	2	9
Cap, veh/h	593	511	43	858	481	53
Arrive On Green	0.34	0.34	0.02	0.48	0.30	0.30
Sat Flow, veh/h	1722	1485	1781	1796	1581	175
Grp Volume(v), veh/h	435	182	16	512	462	0
Grp Sat Flow(s),veh/h/ln	1722	1485	1781	1796	1760	0
Q Serve(g_s), s	9.6	4.0	0.4	9.0	10.7	0.0
Cycle Q Clear(g_c), s	9.6	4.0	0.4	9.0	10.7	0.0
Prop In Lane		1.00	1.00		0.90	0.10
Lane Grp Cap(c), veh/h	593	511	43	858	536	0
V/C Ratio(X)	0.73	0.36	0.37	0.60	0.86	0.00
Avail Cap(c_a), veh/h	1210	1043	302	1054	624	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	12.4	10.6	20.7	8.2	14.1	0.0
Incr Delay (d2), s/veh	1.8	0.4	5.2	0.7	10.6	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.2	1.1	0.2	2.6	5.0	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	14.2	11.0	25.9	8.9	24.7	0.0
LnGrp LOS	B	B	C	A	C	A
Approach Vol, veh/h	617			528	462	
Approach Delay, s/veh	13.2			9.4	24.7	
Approach LOS	B			A	C	

Timer - Assigned Phs		2	3	4		8
Phs Duration (G+Y+Rc), s		17.8	5.7	19.5		25.3
Change Period (Y+Rc), s		* 4.7	* 4.7	* 4.7		* 4.7
Max Green Setting (Gmax), s		* 15	* 7.3	* 30		* 25
Max Q Clear Time (g_c+I1), s		12.7	2.4	11.6		11.0
Green Ext Time (p_c), s		0.5	0.0	3.3		2.9

Intersection Summary	
HCM 6th Ctrl Delay	15.3
HCM 6th LOS	B

Notes

User approved pedestrian interval to be less than phase max green.

User approved volume balancing among the lanes for turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Intersection Delay, s/veh	18.8
Intersection LOS	C

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	244	140	208	100	163	230
Future Vol, veh/h	244	140	208	100	163	230
Peak Hour Factor	0.85	0.85	0.85	0.85	0.85	0.85
Heavy Vehicles, %	2	8	3	2	2	4
Mvmt Flow	287	165	245	118	192	271
Number of Lanes	0	1	1	0	1	1

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	2	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	2	1
HCM Control Delay	24.8	17	14.3
HCM LOS	C	C	B

Lane	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	64%	0%	100%	0%
Vol Thru, %	36%	68%	0%	0%
Vol Right, %	0%	32%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	384	308	163	230
LT Vol	244	0	163	0
Through Vol	140	208	0	0
RT Vol	0	100	0	230
Lane Flow Rate	452	362	192	271
Geometry Grp	2	2	7	7
Degree of Util (X)	0.749	0.588	0.389	0.459
Departure Headway (Hd)	5.971	5.838	7.296	6.107
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	605	616	491	587
Service Time	4.036	3.908	5.068	3.878
HCM Lane V/C Ratio	0.747	0.588	0.391	0.462
HCM Control Delay	24.8	17	14.7	14
HCM Lane LOS	C	C	B	B
HCM 95th-tile Q	6.6	3.8	1.8	2.4

Intersection	
Intersection Delay, s/veh	279.9
Intersection LOS	F

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	133	444	429	418	379	139
Future Vol, veh/h	133	444	429	418	379	139
Peak Hour Factor	0.83	0.83	0.83	0.83	0.83	0.83
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	160	535	517	504	457	167
Number of Lanes	1	0	0	1	1	1

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	163.7	495.2	57.2
HCM LOS	F	F	F

Lane	NBLn1	EBLn1	SBLn1	SBLn2
Vol Left, %	51%	23%	0%	0%
Vol Thru, %	49%	0%	100%	0%
Vol Right, %	0%	77%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	847	577	379	139
LT Vol	429	133	0	0
Through Vol	418	0	379	0
RT Vol	0	444	0	139
Lane Flow Rate	1020	695	457	167
Geometry Grp	5	2	7	7
Degree of Util (X)	2.042	1.272	0.968	0.322
Departure Headway (Hd)	8.031	8.061	10.052	9.313
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	459	459	365	389
Service Time	6.031	6.061	7.752	7.013
HCM Lane V/C Ratio	2.222	1.514	1.252	0.429
HCM Control Delay	495.2	163.7	72.1	16.4
HCM Lane LOS	F	F	F	C
HCM 95th-tile Q	63.8	24	10.7	1.4

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	157	363	470	48	132	627
Future Volume (veh/h)	157	363	470	48	132	627
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1826	1781	1767	1826	1767	1767
Adj Flow Rate, veh/h	171	395	511	52	143	682
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	8	9	5	9	9
Cap, veh/h	444	551	616	540	185	973
Arrive On Green	0.26	0.26	0.35	0.35	0.11	0.55
Sat Flow, veh/h	1739	1510	1767	1547	1682	1767
Grp Volume(v), veh/h	171	395	511	52	143	682
Grp Sat Flow(s),veh/h/ln	1739	1510	1767	1547	1682	1767
Q Serve(g_s), s	4.5	12.4	14.6	1.3	4.6	15.6
Cycle Q Clear(g_c), s	4.5	12.4	14.6	1.3	4.6	15.6
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	444	551	616	540	185	973
V/C Ratio(X)	0.39	0.72	0.83	0.10	0.77	0.70
Avail Cap(c_a), veh/h	444	551	966	846	606	1574
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	17.0	15.1	16.5	12.1	23.9	9.1
Incr Delay (d2), s/veh	0.5	4.4	3.6	0.1	6.7	0.9
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.7	4.3	5.2	0.4	1.9	3.9
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	17.5	19.5	20.0	12.2	30.6	10.0
LnGrp LOS	B	B	C	B	C	A
Approach Vol, veh/h	566		563			825
Approach Delay, s/veh	18.9		19.3			13.6
Approach LOS	B		B			B

Timer - Assigned Phs	1	2			6	8
Phs Duration (G+Y+Rc), s	31.2	25.1			36.2	19.0
Change Period (Y+Rc), s	5.1	5.8			5.8	4.9
Max Green Setting (Gmax), s	19.3	30.2			49.2	14.1
Max Q Clear Time (g_c+I1), s	16.6	16.6			17.6	14.4
Green Ext Time (p_c), s	0.3	2.6			4.7	0.0

Intersection Summary	
HCM 6th Ctrl Delay	16.8
HCM 6th LOS	B

1: Tinloy St /Tinloy St & Neal St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.1	0.3	0.0	0.1
Total Del/Veh (s)	17.2	136.3	15.3	48.8

2: SR 49 On-Ramp/Tinloy St & Auburn St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	1.0	0.0	0.4
Total Del/Veh (s)	6.3	9.0	27.7	14.0

8: Main St & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	1.7	2.1	1.2
Total Del/Veh (s)	19.0	11.6	19.0	18.6	15.9

9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.0	0.5	2.7	0.7
Total Del/Veh (s)	13.8	15.0	21.2	36.7	20.5

10: Brunswick Rd & SR 49/20 EB On Ramp Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	9.6	10.4	30.5	15.0

11: Sutton Way & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.6	1.7	0.0	0.6
Total Del/Veh (s)	21.0	44.5	51.7	16.2	33.6

22: SR 49 EB Ramps & Dorsey Dr Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.8	2.7	1.0
Total Del/Veh (s)	13.8	14.0	19.0	15.2

23: Dorsey Dr & Sr 49 WB Ramps Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	1.6	0.1	0.2	0.7
Total Del/Veh (s)	22.9	13.7	21.4	18.6

3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.2	0.0	0.5	0.3
Total Del/Veh (s)	15.5	11.1	2.0	9.7

MOVEMENT SUMMARY

Site: 5 [Main St / Idaho Maryland Rd]

Cumulative plus Project PM Peak
To Centennial
Site Category: (None)
Roundabout

Movement Performance - Vehicles												
Mov ID	Turn	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: SR 49 Ramps												
3	L2	72	3.0	0.293	7.6	LOS A	1.3	34.4	0.59	0.55	0.59	33.1
8	T1	81	3.0	0.293	7.6	LOS A	1.3	34.4	0.59	0.55	0.59	33.0
18	R2	89	3.0	0.293	7.6	LOS A	1.3	34.4	0.59	0.55	0.59	32.1
Approach		242	3.0	0.293	7.6	LOS A	1.3	34.4	0.59	0.55	0.59	32.7
East: Idaho Maryland Rd												
1	L2	402	3.0	0.417	8.5	LOS A	2.1	53.3	0.58	0.52	0.58	31.0
6	T1	319	3.0	0.567	11.3	LOS B	4.9	126.7	0.67	0.74	0.97	32.0
16	R2	232	3.0	0.567	11.3	LOS B	4.9	126.7	0.67	0.74	0.97	31.1
Approach		953	3.0	0.567	10.1	LOS B	4.9	126.7	0.63	0.65	0.80	31.4
North: Main St												
7	L2	94	3.0	0.465	12.0	LOS B	2.5	63.7	0.70	0.80	1.02	31.2
4	T1	226	3.0	0.465	12.0	LOS B	2.5	63.7	0.70	0.80	1.02	31.1
14	R2	354	3.0	0.218	0.0	LOS A	0.0	0.0	0.00	0.00	0.00	37.2
Approach		674	3.0	0.465	5.7	LOS A	2.5	63.7	0.33	0.38	0.48	34.0
West: Main St												
5	L2	229	3.0	0.543	13.3	LOS B	3.5	90.2	0.72	0.87	1.17	30.0
2	T1	136	3.0	0.543	13.3	LOS B	3.5	90.2	0.72	0.87	1.17	29.9
12	R2	33	3.0	0.543	13.3	LOS B	3.5	90.2	0.72	0.87	1.17	29.2
Approach		398	3.0	0.543	13.3	LOS B	3.5	90.2	0.72	0.87	1.17	29.9
All Vehicles		2266	3.0	0.567	9.1	LOS A	4.9	126.7	0.55	0.60	0.75	31.9

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Signalised Intersections.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Intersection	
Intersection Delay, s/veh	9.6
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	20	107	6	0	0	0	0	103	119	101	103	0
Future Vol, veh/h	20	107	6	0	0	0	0	103	119	101	103	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	22	116	7	0	0	0	0	112	129	110	112	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	9.2	10.3	9.2
HCM LOS	A	B	A

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	27%	0%	100%	0%
Vol Thru, %	46%	73%	90%	0%	100%
Vol Right, %	54%	0%	10%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	222	74	60	101	103
LT Vol	0	20	0	101	0
Through Vol	103	54	54	0	103
RT Vol	119	0	6	0	0
Lane Flow Rate	241	80	65	110	112
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.327	0.129	0.1	0.173	0.16
Departure Headway (Hd)	4.881	5.796	5.588	5.657	5.154
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	736	617	639	633	695
Service Time	2.919	3.549	3.34	3.397	2.894
HCM Lane V/C Ratio	0.327	0.13	0.102	0.174	0.161
HCM Control Delay	10.3	9.4	9	9.6	8.9
HCM Lane LOS	B	A	A	A	A
HCM 95th-tile Q	1.4	0.4	0.3	0.6	0.6

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	214	15	44	197	119	424
Future Volume (veh/h)	214	15	44	197	119	424
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1856	1870	1826	1441	1737	1693
Adj Flow Rate, veh/h	233	16	48	214	129	461
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	3	2	5	31	11	14
Cap, veh/h	328	23	83	394	536	710
Arrive On Green	0.19	0.19	0.17	0.17	0.32	0.32
Sat Flow, veh/h	1716	118	486	2371	1654	1434
Grp Volume(v), veh/h	0	249	140	122	129	461
Grp Sat Flow(s),veh/h/ln	0	1834	1416	1369	1654	1434
Q Serve(g_s), s	0.0	5.7	4.1	3.6	2.6	10.7
Cycle Q Clear(g_c), s	0.0	5.7	4.1	3.6	2.6	10.7
Prop In Lane		0.06	0.34		1.00	1.00
Lane Grp Cap(c), veh/h	0	351	242	234	536	710
V/C Ratio(X)	0.00	0.71	0.58	0.52	0.24	0.65
Avail Cap(c_a), veh/h	0	1032	797	770	931	1053
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	0.0	17.0	17.1	17.0	11.1	8.4
Incr Delay (d2), s/veh	0.0	2.7	2.2	1.8	0.2	1.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	2.3	1.3	1.1	0.8	4.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	0.0	19.7	19.3	18.7	11.4	9.4
LnGrp LOS	A	B	B	B	B	A
Approach Vol, veh/h	249			262	590	
Approach Delay, s/veh	19.7			19.0	9.9	
Approach LOS	B			B	A	

Timer - Assigned Phs	2	4	8
Phs Duration (G+Y+Rc), s	19.3	13.3	12.4
Change Period (Y+Rc), s	* 4.7	* 4.7	4.7
Max Green Setting (Gmax), s	* 25	* 25	25.3
Max Q Clear Time (g_c+I1), s	12.7	7.7	6.1
Green Ext Time (p_c), s	1.8	1.3	1.4

Intersection Summary	
HCM 6th Ctrl Delay	14.3
HCM 6th LOS	B

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	577	77	24	206	45	7
Future Volume (veh/h)	577	77	24	206	45	7
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1693	1826	1870	1544	1826	1856
Adj Flow Rate, veh/h	627	84	26	224	49	8
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	14	5	2	24	5	3
Cap, veh/h	1041	139	58	527	104	17
Arrive On Green	0.37	0.37	0.20	0.20	0.07	0.07
Sat Flow, veh/h	2935	381	297	2777	1446	236
Grp Volume(v), veh/h	353	358	134	116	58	0
Grp Sat Flow(s),veh/h/ln	1608	1624	1529	1467	1711	0
Q Serve(g_s), s	6.8	6.8	2.9	2.6	1.2	0.0
Cycle Q Clear(g_c), s	6.8	6.8	2.9	2.6	1.2	0.0
Prop In Lane		0.23	0.19		0.84	0.14
Lane Grp Cap(c), veh/h	587	593	298	286	124	0
V/C Ratio(X)	0.60	0.60	0.45	0.41	0.47	0.00
Avail Cap(c_a), veh/h	1701	1718	1016	975	467	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	9.8	9.8	13.5	13.4	17.0	0.0
Incr Delay (d2), s/veh	1.0	1.0	1.1	0.9	2.7	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.9	1.9	0.9	0.8	0.5	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	10.8	10.8	14.6	14.3	19.7	0.0
LnGrp LOS	B	B	B	B	B	A
Approach Vol, veh/h	711			250	58	
Approach Delay, s/veh	10.8			14.5	19.7	
Approach LOS	B			B	B	

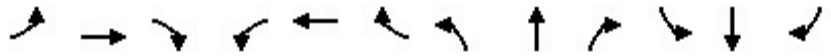
Timer - Assigned Phs	2	4	8
Phs Duration (G+Y+Rc), s	7.4	18.6	12.1
Change Period (Y+Rc), s	4.6	* 4.7	4.7
Max Green Setting (Gmax), s	10.4	* 40	25.3
Max Q Clear Time (g_c+I1), s	3.2	8.8	4.9
Green Ext Time (p_c), s	0.1	5.1	1.4

Intersection Summary	
HCM 6th Ctrl Delay	12.2
HCM 6th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	0	5	147	74	50	89	137	241	11	13	296	5
Future Volume (veh/h)	0	5	147	74	50	89	137	241	11	13	296	5
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1781	1870	1870	1870	1722	1648	1870	1870	1693	1870
Adj Flow Rate, veh/h	0	5	160	80	54	97	149	262	12	14	322	5
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	8	2	2	2	12	17	2	2	14	2
Cap, veh/h	0	226	358	135	91	198	191	429	20	32	570	9
Arrive On Green	0.00	0.12	0.12	0.12	0.12	0.12	0.12	0.27	0.27	0.02	0.18	0.18
Sat Flow, veh/h	0	1870	1510	1084	732	1585	1640	1564	72	1781	3241	50
Grp Volume(v), veh/h	0	5	160	134	0	97	149	0	274	14	160	167
Grp Sat Flow(s),veh/h/ln	0	1870	1510	1816	0	1585	1640	0	1635	1781	1608	1683
Q Serve(g_s), s	0.0	0.1	4.1	3.2	0.0	2.6	4.0	0.0	6.6	0.4	4.1	4.1
Cycle Q Clear(g_c), s	0.0	0.1	4.1	3.2	0.0	2.6	4.0	0.0	6.6	0.4	4.1	4.1
Prop In Lane	0.00		1.00	0.60		1.00	1.00		0.04	1.00		0.03
Lane Grp Cap(c), veh/h	0	226	358	227	0	198	191	0	449	32	283	296
V/C Ratio(X)	0.00	0.02	0.45	0.59	0.00	0.49	0.78	0.00	0.61	0.44	0.56	0.57
Avail Cap(c_a), veh/h	0	407	505	595	0	520	538	0	1054	270	860	900
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	0.0	17.6	14.8	18.8	0.0	18.5	19.5	0.0	14.4	22.1	17.1	17.1
Incr Delay (d2), s/veh	0.0	0.0	0.9	2.4	0.0	1.9	6.8	0.0	1.3	9.3	1.8	1.7
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	0.0	1.3	1.3	0.0	0.9	1.6	0.0	2.0	0.2	1.3	1.4
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	0.0	17.7	15.7	21.2	0.0	20.4	26.3	0.0	15.7	31.4	18.9	18.8
LnGrp LOS	A	B	B	C	A	C	C	A	B	C	B	B
Approach Vol, veh/h		165			231			423			341	
Approach Delay, s/veh		15.7			20.9			19.4			19.4	
Approach LOS		B			C			B			B	

Timer - Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	5.9	18.2		10.6	10.4	13.7		10.8
Change Period (Y+Rc), s	5.1	5.7		5.1	5.1	5.7		5.1
Max Green Setting (Gmax), s	6.9	29.3		9.9	14.9	24.3		14.9
Max Q Clear Time (g_c+I1), s	2.4	8.6		6.1	6.0	6.1		5.2
Green Ext Time (p_c), s	0.0	1.4		0.2	0.2	1.5		0.7

Intersection Summary	
HCM 6th Ctrl Delay	19.2
HCM 6th LOS	B

Notes

User approved pedestrian interval to be less than phase max green.

Intersection	
Int Delay, s/veh	1.3

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	20	38	64	370	388	98
Future Vol, veh/h	20	38	64	370	388	98
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	22	41	70	402	422	107

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1018	265	529	0	-	0
Stage 1	476	-	-	-	-	-
Stage 2	542	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	248	731	1024	-	-	-
Stage 1	592	-	-	-	-	-
Stage 2	582	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	231	731	1024	-	-	-
Mov Cap-2 Maneuver	431	-	-	-	-	-
Stage 1	552	-	-	-	-	-
Stage 2	582	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	11.4	1.3	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	1024	-	431	731	-	-
HCM Lane V/C Ratio	0.068	-	0.05	0.057	-	-
HCM Control Delay (s)	8.8	-	13.8	10.2	-	-
HCM Lane LOS	A	-	B	B	-	-
HCM 95th %tile Q(veh)	0.2	-	0.2	0.2	-	-

Intersection	
Intersection Delay, s/veh	13.4
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	27	10	21	28	25	80	23	361	6	25	186	12
Future Vol, veh/h	27	10	21	28	25	80	23	361	6	25	186	12
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	3	2	2	2	2	4	2	9	2	3	9	3
Mvmt Flow	29	11	23	30	27	87	25	392	7	27	202	13
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	9.6	10.1	16.3	11.2
HCM LOS	A	B	C	B

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	47%	21%	100%	0%
Vol Thru, %	0%	98%	17%	19%	0%	94%
Vol Right, %	0%	2%	36%	60%	0%	6%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	23	367	58	133	25	198
LT Vol	23	0	27	28	25	0
Through Vol	0	361	10	25	0	186
RT Vol	0	6	21	80	0	12
Lane Flow Rate	25	399	63	145	27	215
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.041	0.615	0.103	0.221	0.047	0.342
Departure Headway (Hd)	5.95	5.553	5.898	5.509	6.172	5.726
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	604	650	607	652	582	628
Service Time	3.669	3.273	3.936	3.542	3.895	3.449
HCM Lane V/C Ratio	0.041	0.614	0.104	0.222	0.046	0.342
HCM Control Delay	8.9	16.8	9.6	10.1	9.2	11.4
HCM Lane LOS	A	C	A	B	A	B
HCM 95th-tile Q	0.1	4.2	0.3	0.8	0.1	1.5

Intersection	
Int Delay, s/veh	6.9

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	122	49	133	258	129	48
Future Vol, veh/h	122	49	133	258	129	48
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	3	13	10	5	3	2
Mvmt Flow	133	53	145	280	140	52

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	145	0	-	0	464	145
Stage 1	-	-	-	-	145	-
Stage 2	-	-	-	-	319	-
Critical Hdwy	4.13	-	-	-	6.43	6.22
Critical Hdwy Stg 1	-	-	-	-	5.43	-
Critical Hdwy Stg 2	-	-	-	-	5.43	-
Follow-up Hdwy	2.227	-	-	-	3.527	3.318
Pot Cap-1 Maneuver	1431	-	-	0	555	902
Stage 1	-	-	-	0	880	-
Stage 2	-	-	-	0	735	-
Platoon blocked, %			-	-		
Mov Cap-1 Maneuver	1431	-	-	-	503	902
Mov Cap-2 Maneuver	-	-	-	-	503	-
Stage 1	-	-	-	-	798	-
Stage 2	-	-	-	-	735	-

Approach	EB	WB	SB
HCM Control Delay, s	5.5	0	13.4
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1431	-	-	503	902
HCM Lane V/C Ratio	0.093	-	-	0.279	0.058
HCM Control Delay (s)	7.8	-	-	14.9	9.2
HCM Lane LOS	A	-	-	B	A
HCM 95th %tile Q(veh)	0.3	-	-	1.1	0.2

Intersection	
Int Delay, s/veh	1.5

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	54	15	22	336	141	95
Future Vol, veh/h	54	15	22	336	141	95
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	500	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	9	9	2
Mvmt Flow	59	16	24	365	153	103

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	618	205	256	0	-	0
Stage 1	205	-	-	-	-	-
Stage 2	413	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	453	836	1309	-	-	-
Stage 1	829	-	-	-	-	-
Stage 2	668	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	445	836	1309	-	-	-
Mov Cap-2 Maneuver	595	-	-	-	-	-
Stage 1	814	-	-	-	-	-
Stage 2	668	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	11.4	0.5	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1309	-	635	-	-
HCM Lane V/C Ratio	0.018	-	0.118	-	-
HCM Control Delay (s)	7.8	-	11.4	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0.1	-	0.4	-	-

Intersection	
Int Delay, s/veh	0.7

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	49	0	0	61	0	10
Future Vol, veh/h	49	0	0	61	0	10
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	3	2	2	2	2	2
Mvmt Flow	53	0	0	66	0	11

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	53	0	119	53
Stage 1	-	-	-	-	53	-
Stage 2	-	-	-	-	66	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1553	-	877	1014
Stage 1	-	-	-	-	970	-
Stage 2	-	-	-	-	957	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1553	-	877	1014
Mov Cap-2 Maneuver	-	-	-	-	877	-
Stage 1	-	-	-	-	970	-
Stage 2	-	-	-	-	957	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	8.6
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	1014	-	-	1553	-
HCM Lane V/C Ratio	0.011	-	-	-	-
HCM Control Delay (s)	8.6	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	0	-	-	0	-

Intersection	
Int Delay, s/veh	0.4

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	242	0	8	72	0	8
Future Vol, veh/h	242	0	8	72	0	8
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	263	0	9	78	0	9

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	263	0	359	263
Stage 1	-	-	-	-	263	-
Stage 2	-	-	-	-	96	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1301	-	640	776
Stage 1	-	-	-	-	781	-
Stage 2	-	-	-	-	928	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1301	-	636	776
Mov Cap-2 Maneuver	-	-	-	-	668	-
Stage 1	-	-	-	-	781	-
Stage 2	-	-	-	-	922	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.8	9.7
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	776	-	-	1301	-
HCM Lane V/C Ratio	0.011	-	-	0.007	-
HCM Control Delay (s)	9.7	-	-	7.8	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0	-	-	0	-

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	176	251	7	149	41	5
Future Volume (veh/h)	176	251	7	149	41	5
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1841	1781	1870	1781	1826	1870
Adj Flow Rate, veh/h	191	273	8	162	45	5
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	4	8	2	8	5	2
Cap, veh/h	604	495	23	956	109	12
Arrive On Green	0.33	0.33	0.01	0.54	0.07	0.07
Sat Flow, veh/h	1841	1510	1781	1781	1517	169
Grp Volume(v), veh/h	191	273	8	162	51	0
Grp Sat Flow(s),veh/h/ln	1841	1510	1781	1781	1720	0
Q Serve(g_s), s	1.9	3.6	0.1	1.1	0.7	0.0
Cycle Q Clear(g_c), s	1.9	3.6	0.1	1.1	0.7	0.0
Prop In Lane		1.00	1.00		0.88	0.10
Lane Grp Cap(c), veh/h	604	495	23	956	124	0
V/C Ratio(X)	0.32	0.55	0.35	0.17	0.41	0.00
Avail Cap(c_a), veh/h	2322	1904	541	1876	1095	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	6.1	6.6	11.8	2.8	10.7	0.0
Incr Delay (d2), s/veh	0.3	1.0	8.6	0.1	2.2	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.4	0.7	0.1	0.1	0.2	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	6.4	7.6	20.4	2.9	12.8	0.0
LnGrp LOS	A	A	C	A	B	A
Approach Vol, veh/h	464			170	51	
Approach Delay, s/veh	7.1			3.7	12.8	
Approach LOS	A			A	B	

Timer - Assigned Phs	2	3	4	8
Phs Duration (G+Y+Rc), s	6.4	5.0	12.6	17.6
Change Period (Y+Rc), s	* 4.7	* 4.7	* 4.7	* 4.7
Max Green Setting (Gmax), s	* 15	* 7.3	* 30	* 25
Max Q Clear Time (g_c+I1), s	2.7	2.1	5.6	3.1
Green Ext Time (p_c), s	0.1	0.0	2.1	0.8

Intersection Summary	
HCM 6th Ctrl Delay	6.7
HCM 6th LOS	A

Notes

User approved pedestrian interval to be less than phase max green.

User approved volume balancing among the lanes for turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Intersection Delay, s/veh	8.5
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	50	113	106	68	32	54
Future Vol, veh/h	50	113	106	68	32	54
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	3	3	7	2	2	3
Mvmt Flow	54	123	115	74	35	59
Number of Lanes	0	1	1	0	1	1

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	2	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	2	1
HCM Control Delay	8.7	8.4	8.2
HCM LOS	A	A	A

Lane	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	31%	0%	100%	0%
Vol Thru, %	69%	61%	0%	0%
Vol Right, %	0%	39%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	163	174	32	54
LT Vol	50	0	32	0
Through Vol	113	106	0	0
RT Vol	0	68	0	54
Lane Flow Rate	177	189	35	59
Geometry Grp	2	2	7	7
Degree of Util (X)	0.219	0.221	0.056	0.076
Departure Headway (Hd)	4.444	4.214	5.843	4.652
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	810	855	614	771
Service Time	2.458	2.228	3.568	2.377
HCM Lane V/C Ratio	0.219	0.221	0.057	0.077
HCM Control Delay	8.7	8.4	8.9	7.8
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.8	0.8	0.2	0.2

Intersection	
Intersection Delay, s/veh	9.1
Intersection LOS	A

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	28	172	119	82	73	43
Future Vol, veh/h	28	172	119	82	73	43
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	30	187	129	89	79	47
Number of Lanes	1	0	0	1	1	1

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	8.8	9.8	8.2
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	SBLn1	SBLn2
Vol Left, %	59%	14%	0%	0%
Vol Thru, %	41%	0%	100%	0%
Vol Right, %	0%	86%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	201	200	73	43
LT Vol	119	28	0	0
Through Vol	82	0	73	0
RT Vol	0	172	0	43
Lane Flow Rate	218	217	79	47
Geometry Grp	5	2	7	7
Degree of Util (X)	0.29	0.258	0.115	0.059
Departure Headway (Hd)	4.786	4.267	5.217	4.512
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	749	841	686	792
Service Time	2.823	2.294	2.957	2.251
HCM Lane V/C Ratio	0.291	0.258	0.115	0.059
HCM Control Delay	9.8	8.8	8.6	7.5
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	1.2	1	0.4	0.2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	30	79	340	127	209	195
Future Volume (veh/h)	30	79	340	127	209	195
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1826	1796	1767	1826	1767	1767
Adj Flow Rate, veh/h	33	86	370	138	227	212
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	7	9	5	9	9
Cap, veh/h	165	414	535	469	297	1090
Arrive On Green	0.10	0.10	0.30	0.30	0.18	0.62
Sat Flow, veh/h	1739	1522	1767	1547	1682	1767
Grp Volume(v), veh/h	33	86	370	138	227	212
Grp Sat Flow(s),veh/h/ln	1739	1522	1767	1547	1682	1767
Q Serve(g_s), s	0.7	1.6	6.9	2.5	4.8	1.9
Cycle Q Clear(g_c), s	0.7	1.6	6.9	2.5	4.8	1.9
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	165	414	535	469	297	1090
V/C Ratio(X)	0.20	0.21	0.69	0.29	0.76	0.19
Avail Cap(c_a), veh/h	660	846	1435	1257	901	2338
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	15.5	10.4	11.4	9.9	14.6	3.1
Incr Delay (d2), s/veh	0.6	0.2	1.6	0.3	4.1	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.2	0.4	1.9	0.6	1.6	0.1
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	16.1	10.7	13.0	10.3	18.6	3.2
LnGrp LOS	B	B	B	B	B	A
Approach Vol, veh/h	119		508			439
Approach Delay, s/veh	12.2		12.3			11.2
Approach LOS	B		B			B

Timer - Assigned Phs	1	2			6	8
Phs Duration (G+Y+Rc), s	11.7	17.1			28.7	8.4
Change Period (Y+Rc), s	5.1	5.8			5.8	4.9
Max Green Setting (Gmax), s	19.3	30.2			49.2	14.1
Max Q Clear Time (g_c+I1), s	6.8	8.9			3.9	3.6
Green Ext Time (p_c), s	0.5	2.4			1.2	0.2

Intersection Summary	
HCM 6th Ctrl Delay	11.8
HCM 6th LOS	B

1: Tinloy St /Tinloy St & Neal St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	0.2	0.0	0.1
Total Del/Veh (s)	3.5	14.6	4.4	6.9

2: SR 49 On-Ramp/Tinloy St & Auburn St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	1.1	0.0	0.3
Total Del/Veh (s)	3.7	6.2	12.9	7.1

8: Main St & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	1.4	2.0	0.9
Total Del/Veh (s)	13.8	4.6	8.4	6.8	6.3

9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.0	0.9	2.9	1.0
Total Del/Veh (s)	4.8	8.4	23.4	39.8	17.7

10: Brunswick Rd & SR 49/20 EB On Ramp Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	2.6	3.8	19.9	8.5

11: Sutton Way & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.4	1.4	0.0	0.2
Total Del/Veh (s)	5.9	8.8	10.3	0.9	5.3

22: SR 49 EB Ramps & Dorsey Dr Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.4	2.1	1.3
Total Del/Veh (s)	11.9	12.7	5.9	8.6

23: Dorsey Dr & Sr 49 WB Ramps Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.9	0.0	0.1	0.3
Total Del/Veh (s)	6.2	4.8	6.8	5.5

3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	0.2	0.1
Total Del/Veh (s)	5.6	7.8	0.5	4.1

MOVEMENT SUMMARY

Site: 5 [Main St / Idaho Maryland Rd]

Cumulative plus Project 0630-0730 AM
To Centennial
Site Category: (None)
Roundabout

Movement Performance - Vehicles												
Mov ID	Turn	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: SR 49 Ramps												
3	L2	13	3.0	0.093	5.0	LOS A	0.4	9.7	0.49	0.39	0.49	34.8
8	T1	21	3.0	0.093	5.0	LOS A	0.4	9.7	0.49	0.39	0.49	34.7
18	R2	48	3.0	0.093	5.0	LOS A	0.4	9.7	0.49	0.39	0.49	33.7
Approach		82	3.0	0.093	5.0	LOS A	0.4	9.7	0.49	0.39	0.49	34.1
East: Idaho Maryland Rd												
1	L2	149	3.0	0.131	4.3	LOS A	0.5	13.8	0.34	0.22	0.34	32.8
6	T1	71	3.0	0.165	4.6	LOS A	0.7	17.7	0.35	0.23	0.35	35.3
16	R2	116	3.0	0.165	4.6	LOS A	0.7	17.7	0.35	0.23	0.35	34.2
Approach		336	3.0	0.165	4.5	LOS A	0.7	17.7	0.34	0.22	0.34	33.8
North: Main St												
7	L2	77	3.0	0.215	5.2	LOS A	0.9	22.7	0.37	0.26	0.37	34.3
4	T1	165	3.0	0.215	5.2	LOS A	0.9	22.7	0.37	0.26	0.37	34.2
14	R2	78	3.0	0.048	0.0	LOS A	0.0	0.0	0.00	0.00	0.00	37.2
Approach		319	3.0	0.215	3.9	LOS A	0.9	22.7	0.28	0.19	0.28	34.9
West: Main St												
5	L2	173	3.0	0.357	7.5	LOS A	1.6	40.9	0.52	0.47	0.52	32.6
2	T1	152	3.0	0.357	7.5	LOS A	1.6	40.9	0.52	0.47	0.52	32.6
12	R2	25	3.0	0.357	7.5	LOS A	1.6	40.9	0.52	0.47	0.52	31.7
Approach		349	3.0	0.357	7.5	LOS A	1.6	40.9	0.52	0.47	0.52	32.6
All Vehicles		1087	3.0	0.357	5.3	LOS A	1.6	40.9	0.39	0.30	0.39	33.7

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Signalised Intersections.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Intersection	
Intersection Delay, s/veh	18.3
Intersection LOS	C

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	62	378	5	0	0	0	0	104	170	168	360	0
Future Vol, veh/h	62	378	5	0	0	0	0	104	170	168	360	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	67	411	5	0	0	0	0	113	185	183	391	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	16.2	16.8	20.9
HCM LOS	C	C	C

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	25%	0%	100%	0%
Vol Thru, %	38%	75%	97%	0%	100%
Vol Right, %	62%	0%	3%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	274	251	194	168	360
LT Vol	0	62	0	168	0
Through Vol	104	189	189	0	360
RT Vol	170	0	5	0	0
Lane Flow Rate	298	273	211	183	391
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.535	0.535	0.405	0.359	0.714
Departure Headway (Hd)	6.465	7.059	6.915	7.078	6.568
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	557	510	519	506	548
Service Time	4.53	4.825	4.68	4.844	4.335
HCM Lane V/C Ratio	0.535	0.535	0.407	0.362	0.714
HCM Control Delay	16.8	17.7	14.3	13.8	24.2
HCM Lane LOS	C	C	B	B	C
HCM 95th-tile Q	3.1	3.1	1.9	1.6	5.8

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	342	50	70	681	180	259
Future Volume (veh/h)	342	50	70	681	180	259
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1841	1811	1870	1722	1811	1485
Adj Flow Rate, veh/h	364	53	74	724	191	276
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	4	6	2	12	6	28
Cap, veh/h	435	63	92	949	332	634
Arrive On Green	0.28	0.28	0.31	0.31	0.19	0.19
Sat Flow, veh/h	1571	229	296	3133	1725	1259
Grp Volume(v), veh/h	0	417	426	372	191	276
Grp Sat Flow(s),veh/h/ln	0	1800	1707	1636	1725	1259
Q Serve(g_s), s	0.0	14.0	14.7	13.0	6.5	9.0
Cycle Q Clear(g_c), s	0.0	14.0	14.7	13.0	6.5	9.0
Prop In Lane		0.13	0.17		1.00	1.00
Lane Grp Cap(c), veh/h	0	498	532	510	332	634
V/C Ratio(X)	0.00	0.84	0.80	0.73	0.58	0.44
Avail Cap(c_a), veh/h	0	709	673	645	680	888
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	0.0	21.9	20.3	19.7	23.6	10.1
Incr Delay (d2), s/veh	0.0	6.1	5.5	3.1	1.6	0.5
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	6.3	6.2	5.0	2.6	4.2
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	0.0	28.0	25.8	22.8	25.1	10.6
LnGrp LOS	A	C	C	C	C	B
Approach Vol, veh/h	417			798	467	
Approach Delay, s/veh	28.0			24.4	16.5	
Approach LOS	C			C	B	

Timer - Assigned Phs		2		4		8
Phs Duration (G+Y+Rc), s		17.0		22.5		24.7
Change Period (Y+Rc), s		* 4.7		* 4.7		4.7
Max Green Setting (Gmax), s		* 25		* 25		25.3
Max Q Clear Time (g_c+I1), s		11.0		16.0		16.7
Green Ext Time (p_c), s		1.4		1.8		3.3

Intersection Summary		
HCM 6th Ctrl Delay		23.1
HCM 6th LOS		C

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	500	94	35	649	124	57
Future Volume (veh/h)	500	94	35	649	124	57
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1322	1841	1870	1796	1826	1870
Adj Flow Rate, veh/h	543	102	38	705	135	62
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	39	4	2	7	5	2
Cap, veh/h	708	132	50	968	168	77
Arrive On Green	0.34	0.34	0.29	0.29	0.15	0.15
Sat Flow, veh/h	2178	395	171	3413	1142	524
Grp Volume(v), veh/h	322	323	398	345	198	0
Grp Sat Flow(s),veh/h/ln	1256	1251	1788	1706	1674	0
Q Serve(g_s), s	14.2	14.3	12.5	11.1	7.1	0.0
Cycle Q Clear(g_c), s	14.2	14.3	12.5	11.1	7.1	0.0
Prop In Lane		0.32	0.10		0.68	0.31
Lane Grp Cap(c), veh/h	421	419	521	497	246	0
V/C Ratio(X)	0.77	0.77	0.76	0.69	0.80	0.00
Avail Cap(c_a), veh/h	818	815	731	698	255	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	18.4	18.4	20.0	19.5	25.5	0.0
Incr Delay (d2), s/veh	2.9	3.0	3.1	1.8	16.5	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	4.0	4.1	5.2	4.3	3.8	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	21.3	21.4	23.1	21.2	42.0	0.0
LnGrp LOS	C	C	C	C	D	A
Approach Vol, veh/h	645			743	198	
Approach Delay, s/veh	21.4			22.2	42.0	
Approach LOS	C			C	D	

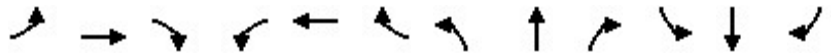
Timer - Assigned Phs	2	4	8
Phs Duration (G+Y+Rc), s	13.7	25.4	22.7
Change Period (Y+Rc), s	4.6	* 4.7	4.7
Max Green Setting (Gmax), s	9.4	* 40	25.3
Max Q Clear Time (g_c+I1), s	9.1	16.3	14.5
Green Ext Time (p_c), s	0.0	4.4	3.5

Intersection Summary	
HCM 6th Ctrl Delay	24.3
HCM 6th LOS	C

Notes

User approved volume balancing among the lanes for turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	3	65	217	32	31	69	191	582	70	137	479	14
Future Volume (veh/h)	3	65	217	32	31	69	191	582	70	137	479	14
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1826	1870	1870	1870	1841	1826	1870	1870	1722	1870
Adj Flow Rate, veh/h	3	69	231	34	33	73	203	619	74	146	510	15
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Percent Heavy Veh, %	2	2	5	2	2	2	4	5	2	2	12	2
Cap, veh/h	10	239	424	71	69	121	246	663	79	166	1191	35
Arrive On Green	0.13	0.13	0.13	0.08	0.08	0.08	0.14	0.41	0.41	0.09	0.37	0.37
Sat Flow, veh/h	78	1789	1547	926	898	1585	1753	1600	191	1781	3246	95
Grp Volume(v), veh/h	72	0	231	67	0	73	203	0	693	146	257	268
Grp Sat Flow(s),veh/h/ln	1866	0	1547	1824	0	1585	1753	0	1791	1781	1636	1705
Q Serve(g_s), s	2.6	0.0	9.5	2.6	0.0	3.3	8.4	0.0	27.4	6.0	8.7	8.8
Cycle Q Clear(g_c), s	2.6	0.0	9.5	2.6	0.0	3.3	8.4	0.0	27.4	6.0	8.7	8.8
Prop In Lane	0.04		1.00	0.51		1.00	1.00		0.11	1.00		0.06
Lane Grp Cap(c), veh/h	249	0	424	139	0	121	246	0	742	166	600	625
V/C Ratio(X)	0.29	0.00	0.55	0.48	0.00	0.60	0.82	0.00	0.93	0.88	0.43	0.43
Avail Cap(c_a), veh/h	249	0	424	366	0	318	352	0	780	166	600	625
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	29.0	0.0	23.0	32.9	0.0	33.2	31.0	0.0	20.8	33.2	17.6	17.7
Incr Delay (d2), s/veh	0.6	0.0	1.5	2.6	0.0	4.8	10.2	0.0	17.7	38.3	0.5	0.5
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.2	0.0	3.4	1.2	0.0	1.4	4.1	0.0	14.0	4.3	3.2	3.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	29.6	0.0	24.4	35.4	0.0	37.9	41.2	0.0	38.5	71.5	18.1	18.1
LnGrp LOS	C	A	C	D	A	D	D	A	D	E	B	B
Approach Vol, veh/h		303			140			896			671	
Approach Delay, s/veh		25.7			36.7			39.1			29.7	
Approach LOS		C			D			D			C	

Timer - Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	12.0	36.4		15.0	15.5	32.9		10.8
Change Period (Y+Rc), s	5.1	5.7		5.1	5.1	5.7		5.1
Max Green Setting (Gmax), s	6.9	32.3		9.9	14.9	24.3		14.9
Max Q Clear Time (g_c+I1), s	8.0	29.4		11.5	10.4	10.8		5.3
Green Ext Time (p_c), s	0.0	1.3		0.0	0.2	2.7		0.3

Intersection Summary	
HCM 6th Ctrl Delay	33.8
HCM 6th LOS	C

Notes

User approved pedestrian interval to be less than phase max green.

Intersection	
Int Delay, s/veh	3.4

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	141	126	57	677	640	70
Future Vol, veh/h	141	126	57	677	640	70
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	97	97	97	97	97	97
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	145	130	59	698	660	72

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1512	366	732	0	-	0
Stage 1	696	-	-	-	-	-
Stage 2	816	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	~ 121	629	859	-	-	-
Stage 1	457	-	-	-	-	-
Stage 2	434	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	~ 113	629	859	-	-	-
Mov Cap-2 Maneuver	307	-	-	-	-	-
Stage 1	425	-	-	-	-	-
Stage 2	434	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	19.9	0.7	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	859	-	307	629	-	-
HCM Lane V/C Ratio	0.068	-	0.473	0.207	-	-
HCM Control Delay (s)	9.5	-	26.8	12.2	-	-
HCM Lane LOS	A	-	D	B	-	-
HCM 95th %tile Q(veh)	0.2	-	2.4	0.8	-	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Intersection Delay, s/veh	29.4
Intersection LOS	D

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	38	33	10	16	25	77	13	376	23	129	465	62
Future Vol, veh/h	38	33	10	16	25	77	13	376	23	129	465	62
Peak Hour Factor	0.94	0.90	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Heavy Vehicles, %	2	2	2	2	2	4	2	9	2	4	9	2
Mvmt Flow	40	37	11	17	27	82	14	400	24	137	495	66
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	11.9	11.8	24.7	37.8
HCM LOS	B	B	C	E

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	47%	14%	100%	0%
Vol Thru, %	0%	94%	41%	21%	0%	88%
Vol Right, %	0%	6%	12%	65%	0%	12%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	13	399	81	118	129	527
LT Vol	13	0	38	16	129	0
Through Vol	0	376	33	25	0	465
RT Vol	0	23	10	77	0	62
Lane Flow Rate	14	424	88	126	137	561
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.026	0.742	0.178	0.236	0.245	0.923
Departure Headway (Hd)	6.722	6.293	7.284	6.76	6.432	5.928
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	528	569	495	534	554	605
Service Time	4.515	4.087	5.293	4.766	4.217	3.711
HCM Lane V/C Ratio	0.027	0.745	0.178	0.236	0.247	0.927
HCM Control Delay	9.7	25.2	11.9	11.8	11.3	44.3
HCM Lane LOS	A	D	B	B	B	E
HCM 95th-tile Q	0.1	6.4	0.6	0.9	1	11.8

Intersection	
Int Delay, s/veh	24.4

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	91	216	191	285	350	117
Future Vol, veh/h	91	216	191	285	350	117
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	3	2	2
Mvmt Flow	99	235	208	310	380	127

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	208	0	-	0	641	208
Stage 1	-	-	-	-	208	-
Stage 2	-	-	-	-	433	-
Critical Hdwy	4.12	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1363	-	-	0	439	832
Stage 1	-	-	-	0	827	-
Stage 2	-	-	-	0	654	-
Platoon blocked, %			-	-		
Mov Cap-1 Maneuver	1363	-	-	-	407	832
Mov Cap-2 Maneuver	-	-	-	-	407	-
Stage 1	-	-	-	-	767	-
Stage 2	-	-	-	-	654	-

Approach	EB	WB	SB
HCM Control Delay, s	2.3	0	48.9
HCM LOS			E

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1363	-	-	407	832
HCM Lane V/C Ratio	0.073	-	-	0.935	0.153
HCM Control Delay (s)	7.8	-	-	61.9	10.1
HCM Lane LOS	A	-	-	F	B
HCM 95th %tile Q(veh)	0.2	-	-	10.4	0.5

Intersection	
Int Delay, s/veh	0.6

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	32	9	1	380	482	10
Future Vol, veh/h	32	9	1	380	482	10
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	500	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	9	9	2
Mvmt Flow	35	10	1	413	524	11

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	945	530	535	0	-	0
Stage 1	530	-	-	-	-	-
Stage 2	415	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	291	549	1033	-	-	-
Stage 1	590	-	-	-	-	-
Stage 2	666	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	291	549	1033	-	-	-
Mov Cap-2 Maneuver	485	-	-	-	-	-
Stage 1	589	-	-	-	-	-
Stage 2	666	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	12.9	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1033	-	498	-	-
HCM Lane V/C Ratio	0.001	-	0.089	-	-
HCM Control Delay (s)	8.5	-	12.9	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.3	-	-

Intersection	
Int Delay, s/veh	0.5

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	70	0	0	95	0	10
Future Vol, veh/h	70	0	0	95	0	10
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	76	0	0	103	0	11

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	76	0	179	76
Stage 1	-	-	-	-	76	-
Stage 2	-	-	-	-	103	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1523	-	811	985
Stage 1	-	-	-	-	947	-
Stage 2	-	-	-	-	921	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1523	-	811	985
Mov Cap-2 Maneuver	-	-	-	-	811	-
Stage 1	-	-	-	-	947	-
Stage 2	-	-	-	-	921	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0	8.7
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	985	-	-	1523	-
HCM Lane V/C Ratio	0.011	-	-	-	-
HCM Control Delay (s)	8.7	-	-	0	-
HCM Lane LOS	A	-	-	A	-
HCM 95th %tile Q(veh)	0	-	-	0	-

Intersection	
Int Delay, s/veh	0.3

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	140	0	8	238	0	8
Future Vol, veh/h	140	0	8	238	0	8
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	152	0	9	259	0	9

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	152	0	429	152
Stage 1	-	-	-	-	152	-
Stage 2	-	-	-	-	277	-
Critical Hdwy	-	-	4.12	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	-	-	2.218	-	3.518	3.318
Pot Cap-1 Maneuver	-	-	1429	-	583	894
Stage 1	-	-	-	-	876	-
Stage 2	-	-	-	-	770	-
Platoon blocked, %	-	-		-		
Mov Cap-1 Maneuver	-	-	1429	-	579	894
Mov Cap-2 Maneuver	-	-	-	-	633	-
Stage 1	-	-	-	-	876	-
Stage 2	-	-	-	-	765	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.2	9.1
HCM LOS			A

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	894	-	-	1429	-
HCM Lane V/C Ratio	0.01	-	-	0.006	-
HCM Control Delay (s)	9.1	-	-	7.5	0
HCM Lane LOS	A	-	-	A	A
HCM 95th %tile Q(veh)	0	-	-	0	-

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	322	146	13	384	332	37
Future Volume (veh/h)	322	146	13	384	332	37
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1722	1752	1870	1796	1870	1767
Adj Flow Rate, veh/h	350	159	14	417	361	40
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	12	10	2	7	2	9
Cap, veh/h	527	454	39	820	451	50
Arrive On Green	0.31	0.31	0.02	0.46	0.29	0.29
Sat Flow, veh/h	1722	1485	1781	1796	1580	175
Grp Volume(v), veh/h	350	159	14	417	402	0
Grp Sat Flow(s),veh/h/ln	1722	1485	1781	1796	1760	0
Q Serve(g_s), s	6.4	3.0	0.3	6.0	7.7	0.0
Cycle Q Clear(g_c), s	6.4	3.0	0.3	6.0	7.7	0.0
Prop In Lane		1.00	1.00		0.90	0.10
Lane Grp Cap(c), veh/h	527	454	39	820	502	0
V/C Ratio(X)	0.66	0.35	0.36	0.51	0.80	0.00
Avail Cap(c_a), veh/h	1433	1235	357	1248	739	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	11.0	9.8	17.6	7.0	12.1	0.0
Incr Delay (d2), s/veh	1.4	0.5	5.6	0.5	3.9	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.0	0.8	0.2	1.5	2.8	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	12.5	10.3	23.1	7.5	16.0	0.0
LnGrp LOS	B	B	C	A	B	A
Approach Vol, veh/h	509			431	402	
Approach Delay, s/veh	11.8			8.0	16.0	
Approach LOS	B			A	B	

Timer - Assigned Phs		2	3	4		8
Phs Duration (G+Y+Rc), s		15.1	5.5	15.8		21.3
Change Period (Y+Rc), s		* 4.7	* 4.7	* 4.7		* 4.7
Max Green Setting (Gmax), s		* 15	* 7.3	* 30		* 25
Max Q Clear Time (g_c+I1), s		9.7	2.3	8.4		8.0
Green Ext Time (p_c), s		0.7	0.0	2.7		2.4

Intersection Summary	
HCM 6th Ctrl Delay	11.8
HCM 6th LOS	B

Notes

User approved pedestrian interval to be less than phase max green.
User approved volume balancing among the lanes for turning movement.
* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Intersection	
Intersection Delay, s/veh	14.5
Intersection LOS	B

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	244	114	182	95	158	230
Future Vol, veh/h	244	114	182	95	158	230
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	8	3	2	2	4
Mvmt Flow	265	124	198	103	172	250
Number of Lanes	0	1	1	0	1	1

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	2	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	2	1
HCM Control Delay	17.5	13.3	12.6
HCM LOS	C	B	B

Lane	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	68%	0%	100%	0%
Vol Thru, %	32%	66%	0%	0%
Vol Right, %	0%	34%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	358	277	158	230
LT Vol	244	0	158	0
Through Vol	114	182	0	0
RT Vol	0	95	0	230
Lane Flow Rate	389	301	172	250
Geometry Grp	2	2	7	7
Degree of Util (X)	0.616	0.463	0.33	0.398
Departure Headway (Hd)	5.701	5.535	6.919	5.734
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	634	650	519	628
Service Time	3.746	3.584	4.665	3.48
HCM Lane V/C Ratio	0.614	0.463	0.331	0.398
HCM Control Delay	17.5	13.3	13.1	12.2
HCM Lane LOS	C	B	B	B
HCM 95th-tile Q	4.2	2.4	1.4	1.9

Intersection	
Intersection Delay, s/veh	214.3
Intersection LOS	F

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	133	441	426	418	379	139
Future Vol, veh/h	133	441	426	418	379	139
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	145	479	463	454	412	151
Number of Lanes	1	0	0	1	1	1

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	1	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	1
HCM Control Delay	108.4	393.1	40.5
HCM LOS	F	F	E

Lane	NBLn1	EBLn1	SBLn1	SBLn2
Vol Left, %	50%	23%	0%	0%
Vol Thru, %	50%	0%	100%	0%
Vol Right, %	0%	77%	0%	100%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	844	574	379	139
LT Vol	426	133	0	0
Through Vol	418	0	379	0
RT Vol	0	441	0	139
Lane Flow Rate	917	624	412	151
Geometry Grp	5	2	7	7
Degree of Util (X)	1.814	1.128	0.872	0.291
Departure Headway (Hd)	7.589	7.712	9.241	8.508
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	486	474	395	426
Service Time	5.589	5.712	6.941	6.208
HCM Lane V/C Ratio	1.887	1.316	1.043	0.354
HCM Control Delay	393.1	108.4	49.9	14.7
HCM Lane LOS	F	F	E	B
HCM 95th-tile Q	54.2	18.3	8.6	1.2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	183	349	412	78	182	460
Future Volume (veh/h)	183	349	412	78	182	460
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1826	1781	1767	1826	1767	1767
Adj Flow Rate, veh/h	199	379	448	85	198	500
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	5	8	9	5	9	9
Cap, veh/h	426	595	557	488	252	987
Arrive On Green	0.24	0.24	0.32	0.32	0.15	0.56
Sat Flow, veh/h	1739	1510	1767	1547	1682	1767
Grp Volume(v), veh/h	199	379	448	85	198	500
Grp Sat Flow(s),veh/h/ln	1739	1510	1767	1547	1682	1767
Q Serve(g_s), s	5.3	11.0	12.7	2.2	6.2	9.5
Cycle Q Clear(g_c), s	5.3	11.0	12.7	2.2	6.2	9.5
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	426	595	557	488	252	987
V/C Ratio(X)	0.47	0.64	0.80	0.17	0.79	0.51
Avail Cap(c_a), veh/h	451	617	981	859	616	1598
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	17.5	13.3	17.1	13.5	22.3	7.4
Incr Delay (d2), s/veh	0.8	2.1	2.8	0.2	5.4	0.4
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	2.0	3.5	4.5	0.6	2.5	2.3
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	18.3	15.4	19.9	13.7	27.7	7.8
LnGrp LOS	B	B	B	B	C	A
Approach Vol, veh/h	578		533			698
Approach Delay, s/veh	16.4		18.9			13.4
Approach LOS	B		B			B

Timer - Assigned Phs	1	2				6	8
Phs Duration (G+Y+Rc), s	13.2	22.9				36.2	18.2
Change Period (Y+Rc), s	5.1	5.8				5.8	4.9
Max Green Setting (Gmax), s	19.3	30.2				49.2	14.1
Max Q Clear Time (g_c+I1), s	8.2	14.7				11.5	13.0
Green Ext Time (p_c), s	0.4	2.5				3.1	0.3

Intersection Summary	
HCM 6th Ctrl Delay	16.0
HCM 6th LOS	B

1: Tinloy St /Tinloy St & Neal St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	0.2	0.0	0.0
Total Del/Veh (s)	11.5	14.6	5.7	9.0

2: SR 49 On-Ramp/Tinloy St & Auburn St Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	0.0	1.0	0.9	0.6
Total Del/Veh (s)	5.1	8.1	15.9	9.5

8: Main St & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.1	0.0	1.6	2.2	1.1
Total Del/Veh (s)	19.4	10.4	16.7	16.5	14.1

9: Maltman Dr/SR 49/20 WB Off-Ramp & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.0	0.5	2.8	0.6
Total Del/Veh (s)	11.9	13.5	17.4	33.7	17.0

10: Brunswick Rd & SR 49/20 EB On Ramp Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Del/Veh (s)	9.9	9.6	27.9	14.1

11: Sutton Way & Brunswick Rd Performance by approach

Approach	EB	WB	NB	SB	All
Denied Del/Veh (s)	0.0	0.6	1.6	0.0	0.5
Total Del/Veh (s)	20.9	41.4	43.0	14.1	30.3

22: SR 49 EB Ramps & Dorsey Dr Performance by approach

Approach	EB	WB	NB	All
Denied Del/Veh (s)	0.0	0.8	2.7	1.0
Total Del/Veh (s)	13.9	13.9	18.2	15.0

23: Dorsey Dr & Sr 49 WB Ramps Performance by approach

Approach	EB	WB	SB	All
Denied Del/Veh (s)	1.6	0.0	0.2	0.7
Total Del/Veh (s)	19.3	13.4	20.3	16.9

3: E. Bennett St & Tinloy St/SR 49 WB Off-Ramp Performance by approach

Approach	WB	NB	SB	All
Denied Del/Veh (s)	0.2	0.0	0.4	0.3
Total Del/Veh (s)	11.6	9.6	1.8	7.6

MOVEMENT SUMMARY

Site: 5 [Main St / Idaho Maryland Rd]

Centennial plus Project 1530-1630 PM
To Centennial
Site Category: (None)
Roundabout

Movement Performance - Vehicles												
Mov ID	Turn	Demand Flows Total veh/h	HV %	Deg. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance ft	Prop. Queued	Effective Stop Rate	Aver. No. Cycles	Average Speed mph
South: SR 49 Ramps												
3	L2	57	3.0	0.275	7.4	LOS A	1.2	31.8	0.59	0.54	0.59	33.3
8	T1	63	3.0	0.275	7.4	LOS A	1.2	31.8	0.59	0.54	0.59	33.2
18	R2	106	3.0	0.275	7.4	LOS A	1.2	31.8	0.59	0.54	0.59	32.3
Approach		226	3.0	0.275	7.4	LOS A	1.2	31.8	0.59	0.54	0.59	32.8
East: Idaho Maryland Rd												
1	L2	382	3.0	0.379	7.6	LOS A	1.9	47.8	0.53	0.45	0.53	31.4
6	T1	266	3.0	0.465	8.9	LOS A	2.6	67.5	0.58	0.51	0.60	33.1
16	R2	206	3.0	0.465	8.9	LOS A	2.6	67.5	0.58	0.51	0.60	32.1
Approach		854	3.0	0.465	8.3	LOS A	2.6	67.5	0.56	0.48	0.57	32.1
North: Main St												
7	L2	115	3.0	0.483	11.7	LOS B	2.8	71.6	0.69	0.80	1.02	31.2
4	T1	245	3.0	0.483	11.7	LOS B	2.8	71.6	0.69	0.80	1.02	31.2
14	R2	333	3.0	0.205	0.0	LOS A	0.0	0.0	0.00	0.00	0.00	37.2
Approach		693	3.0	0.483	6.1	LOS A	2.8	71.6	0.36	0.41	0.53	33.8
West: Main St												
5	L2	215	3.0	0.539	13.4	LOS B	3.4	87.8	0.72	0.87	1.17	30.0
2	T1	135	3.0	0.539	13.4	LOS B	3.4	87.8	0.72	0.87	1.17	29.9
12	R2	39	3.0	0.539	13.4	LOS B	3.4	87.8	0.72	0.87	1.17	29.2
Approach		389	3.0	0.539	13.4	LOS B	3.4	87.8	0.72	0.87	1.17	29.9
All Vehicles		2161	3.0	0.539	8.4	LOS A	3.4	87.8	0.53	0.54	0.67	32.2

Site Level of Service (LOS) Method: Delay & v/c (HCM 6). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Roundabout LOS Method: Same as Signalised Intersections.
Vehicle movement LOS values are based on average delay and v/c ratio (degree of saturation) per movement.
LOS F will result if v/c > 1 irrespective of movement delay value (does not apply for approaches and intersection).
Intersection and Approach LOS values are based on average delay for all movements (v/c not used as specified in HCM 6).
Roundabout Capacity Model: US HCM 6.
HCM Delay Formula option is used. Control Delay does not include Geometric Delay since Exclude Geometric Delay option applies.
Gap-Acceptance Capacity: Traditional M1.
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Intersection	
Intersection Delay, s/veh	10.8
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	37	208	6	0	0	0	0	67	66	118	237	0
Future Vol, veh/h	37	208	6	0	0	0	0	67	66	118	237	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	40	226	7	0	0	0	0	73	72	128	258	0
Number of Lanes	0	2	0	0	0	0	0	1	0	1	1	0

Approach	EB	NB	SB
Opposing Approach		SB	NB
Opposing Lanes	0	2	1
Conflicting Approach Left	SB	EB	
Conflicting Lanes Left	2	2	0
Conflicting Approach Right	NB		EB
Conflicting Lanes Right	1	0	2
HCM Control Delay	10.4	10.1	11.3
HCM LOS	B	B	B

Lane	NBLn1	EBLn1	EBLn2	SBLn1	SBLn2
Vol Left, %	0%	26%	0%	100%	0%
Vol Thru, %	50%	74%	95%	0%	100%
Vol Right, %	50%	0%	5%	0%	0%
Sign Control	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	133	141	110	118	237
LT Vol	0	37	0	118	0
Through Vol	67	104	104	0	237
RT Vol	66	0	6	0	0
Lane Flow Rate	145	153	120	128	258
Geometry Grp	6	7	7	7	7
Degree of Util (X)	0.219	0.255	0.193	0.212	0.39
Departure Headway (Hd)	5.454	5.99	5.819	5.956	5.452
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes
Cap	652	595	611	599	654
Service Time	3.544	3.779	3.608	3.735	3.231
HCM Lane V/C Ratio	0.222	0.257	0.196	0.214	0.394
HCM Control Delay	10.1	10.8	10	10.4	11.7
HCM Lane LOS	B	B	A	B	B
HCM 95th-tile Q	0.8	1	0.7	0.8	1.8

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	135	28	23	310	73	128
Future Volume (veh/h)	135	28	23	310	73	128
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1841	1811	1870	1722	1811	1485
Adj Flow Rate, veh/h	147	30	25	337	79	139
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	4	6	2	12	6	28
Cap, veh/h	276	56	48	684	343	526
Arrive On Green	0.19	0.19	0.22	0.22	0.20	0.20
Sat Flow, veh/h	1483	303	221	3213	1725	1259
Grp Volume(v), veh/h	0	177	194	168	79	139
Grp Sat Flow(s),veh/h/ln	0	1786	1711	1636	1725	1259
Q Serve(g_s), s	0.0	3.2	3.5	3.2	1.4	2.6
Cycle Q Clear(g_c), s	0.0	3.2	3.5	3.2	1.4	2.6
Prop In Lane		0.17	0.13		1.00	1.00
Lane Grp Cap(c), veh/h	0	332	374	358	343	526
V/C Ratio(X)	0.00	0.53	0.52	0.47	0.23	0.26
Avail Cap(c_a), veh/h	0	1271	1218	1164	1227	1171
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	0.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	0.0	13.1	12.2	12.1	12.0	6.8
Incr Delay (d2), s/veh	0.0	1.3	1.1	1.0	0.3	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.0	1.1	1.2	1.0	0.4	0.8
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	0.0	14.4	13.3	13.1	12.3	7.0
LnGrp LOS	A	B	B	B	B	A
Approach Vol, veh/h	177			362	218	
Approach Delay, s/veh	14.4			13.2	8.9	
Approach LOS	B			B	A	

Timer - Assigned Phs	2	4	8
Phs Duration (G+Y+Rc), s	11.8	11.3	12.5
Change Period (Y+Rc), s	* 4.7	* 4.7	4.7
Max Green Setting (Gmax), s	* 25	* 25	25.3
Max Q Clear Time (g_c+I1), s	4.6	5.2	5.5
Green Ext Time (p_c), s	0.6	0.9	2.0

Intersection Summary	
HCM 6th Ctrl Delay	12.3
HCM 6th LOS	B

Notes

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (veh/h)	246	9	2	291	31	16
Future Volume (veh/h)	246	9	2	291	31	16
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No			No	No	
Adj Sat Flow, veh/h/ln	1322	1841	1870	1796	1826	1870
Adj Flow Rate, veh/h	267	10	2	316	34	17
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	39	4	2	7	5	2
Cap, veh/h	525	20	5	758	187	93
Arrive On Green	0.21	0.21	0.22	0.22	0.17	0.17
Sat Flow, veh/h	2535	92	21	3570	1094	547
Grp Volume(v), veh/h	135	142	171	147	52	0
Grp Sat Flow(s),veh/h/ln	1256	1305	1795	1706	1673	0
Q Serve(g_s), s	3.3	3.4	2.9	2.6	0.9	0.0
Cycle Q Clear(g_c), s	3.3	3.4	2.9	2.6	0.9	0.0
Prop In Lane		0.07	0.01		0.65	0.33
Lane Grp Cap(c), veh/h	267	278	391	371	286	0
V/C Ratio(X)	0.51	0.51	0.44	0.40	0.18	0.00
Avail Cap(c_a), veh/h	1442	1499	1294	1230	448	0
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	0.00
Uniform Delay (d), s/veh	12.2	12.2	11.9	11.8	12.5	0.0
Incr Delay (d2), s/veh	1.5	1.5	0.8	0.7	0.3	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.8	0.9	1.0	0.8	0.3	0.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	13.7	13.7	12.6	12.4	12.8	0.0
LnGrp LOS	B	B	B	B	B	A
Approach Vol, veh/h	277			318	52	
Approach Delay, s/veh	13.7			12.5	12.8	
Approach LOS	B			B	B	

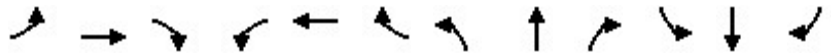
Timer - Assigned Phs	2	4	8
Phs Duration (G+Y+Rc), s	10.6	12.2	12.3
Change Period (Y+Rc), s	4.6	* 4.7	4.7
Max Green Setting (Gmax), s	9.4	* 40	25.3
Max Q Clear Time (g_c+I1), s	2.9	5.4	4.9
Green Ext Time (p_c), s	0.0	1.8	1.7

Intersection Summary	
HCM 6th Ctrl Delay	13.0
HCM 6th LOS	B

Notes

User approved volume balancing among the lanes for turning movement.

* HCM 6th computational engine requires equal clearance times for the phases crossing the barrier.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	1	34	147	26	16	50	92	247	36	100	305	1
Future Volume (veh/h)	1	34	147	26	16	50	92	247	36	100	305	1
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1826	1870	1870	1870	1841	1826	1870	1870	1722	1870
Adj Flow Rate, veh/h	1	37	160	28	17	54	100	268	39	109	332	1
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	5	2	2	2	4	5	2	2	12	2
Cap, veh/h	6	231	342	106	64	148	165	376	55	145	766	2
Arrive On Green	0.13	0.13	0.13	0.09	0.09	0.09	0.09	0.24	0.24	0.08	0.23	0.23
Sat Flow, veh/h	49	1819	1547	1129	685	1585	1753	1558	227	1781	3346	10
Grp Volume(v), veh/h	38	0	160	45	0	54	100	0	307	109	162	171
Grp Sat Flow(s),veh/h/ln	1868	0	1547	1814	0	1585	1753	0	1785	1781	1636	1720
Q Serve(g_s), s	0.8	0.0	4.1	1.1	0.0	1.5	2.5	0.0	7.3	2.8	3.9	3.9
Cycle Q Clear(g_c), s	0.8	0.0	4.1	1.1	0.0	1.5	2.5	0.0	7.3	2.8	3.9	3.9
Prop In Lane	0.03		1.00	0.62		1.00	1.00		0.13	1.00		0.01
Lane Grp Cap(c), veh/h	238	0	342	170	0	148	165	0	431	145	374	394
V/C Ratio(X)	0.16	0.00	0.47	0.27	0.00	0.36	0.61	0.00	0.71	0.75	0.43	0.43
Avail Cap(c_a), veh/h	402	0	478	587	0	513	568	0	1253	267	864	908
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	17.9	0.0	15.6	19.4	0.0	19.6	20.0	0.0	16.0	20.7	15.2	15.2
Incr Delay (d2), s/veh	0.3	0.0	1.0	0.8	0.0	1.5	3.6	0.0	2.2	7.5	0.8	0.8
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.3	0.0	1.4	0.4	0.0	0.5	1.1	0.0	2.8	1.3	1.3	1.4
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	18.2	0.0	16.6	20.2	0.0	21.1	23.6	0.0	18.2	28.2	16.0	15.9
LnGrp LOS	B	A	B	C	A	C	C	A	B	C	B	B
Approach Vol, veh/h		198			99			407			442	
Approach Delay, s/veh		16.9			20.7			19.5			19.0	
Approach LOS		B			C			B			B	

Timer - Assigned Phs	1	2		4	5	6		8
Phs Duration (G+Y+Rc), s	8.9	16.8		11.0	9.4	16.2		9.4
Change Period (Y+Rc), s	5.1	5.7		5.1	5.1	5.7		5.1
Max Green Setting (Gmax), s	6.9	32.3		9.9	14.9	24.3		14.9
Max Q Clear Time (g_c+I1), s	4.8	9.3		6.1	4.5	5.9		3.5
Green Ext Time (p_c), s	0.0	1.8		0.2	0.1	1.8		0.2

Intersection Summary		
HCM 6th Ctrl Delay	19.0	
HCM 6th LOS	B	

Notes

User approved pedestrian interval to be less than phase max green.

Intersection	
Int Delay, s/veh	1.4

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	34	65	18	312	448	28
Future Vol, veh/h	34	65	18	312	448	28
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	100	0	200	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	3	4	9	9	4
Mvmt Flow	37	71	20	339	487	30

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	881	259	517	0	-	0
Stage 1	502	-	-	-	-	-
Stage 2	379	-	-	-	-	-
Critical Hdwy	6.63	6.945	4.16	-	-	-
Critical Hdwy Stg 1	5.83	-	-	-	-	-
Critical Hdwy Stg 2	5.43	-	-	-	-	-
Follow-up Hdwy	3.519	3.3285	2.238	-	-	-
Pot Cap-1 Maneuver	301	738	1035	-	-	-
Stage 1	574	-	-	-	-	-
Stage 2	691	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	295	738	1035	-	-	-
Mov Cap-2 Maneuver	480	-	-	-	-	-
Stage 1	563	-	-	-	-	-
Stage 2	691	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	11.3	0.5	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	1035	-	480	738	-	-
HCM Lane V/C Ratio	0.019	-	0.077	0.096	-	-
HCM Control Delay (s)	8.5	-	13.1	10.4	-	-
HCM Lane LOS	A	-	B	B	-	-
HCM 95th %tile Q(veh)	0.1	-	0.2	0.3	-	-

Intersection	
Intersection Delay, s/veh	13
Intersection LOS	B

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	24	25	10	11	15	40	11	228	11	90	343	41
Future Vol, veh/h	24	25	10	11	15	40	11	228	11	90	343	41
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	4	2	9	2	4	9	2
Mvmt Flow	26	27	11	12	16	43	12	248	12	98	373	45
Number of Lanes	0	1	0	0	1	0	1	1	0	1	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	2	2
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	2	2	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	2	2	1	1
HCM Control Delay	9.7	9.4	11.8	14.5
HCM LOS	A	A	B	B

Lane	NBLn1	NBLn2	EBLn1	WBLn1	SBLn1	SBLn2
Vol Left, %	100%	0%	41%	17%	100%	0%
Vol Thru, %	0%	95%	42%	23%	0%	89%
Vol Right, %	0%	5%	17%	61%	0%	11%
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop
Traffic Vol by Lane	11	239	59	66	90	384
LT Vol	11	0	24	11	90	0
Through Vol	0	228	25	15	0	343
RT Vol	0	11	10	40	0	41
Lane Flow Rate	12	260	64	72	98	417
Geometry Grp	7	7	2	2	7	7
Degree of Util (X)	0.02	0.397	0.106	0.113	0.155	0.604
Departure Headway (Hd)	5.923	5.506	5.977	5.653	5.706	5.213
Convergence, Y/N	Yes	Yes	Yes	Yes	Yes	Yes
Cap	598	647	603	638	623	685
Service Time	3.718	3.3	3.98	3.655	3.489	2.996
HCM Lane V/C Ratio	0.02	0.402	0.106	0.113	0.157	0.609
HCM Control Delay	8.8	11.9	9.7	9.4	9.5	15.7
HCM Lane LOS	A	B	A	A	A	C
HCM 95th-tile Q	0.1	1.9	0.4	0.4	0.5	4.1

Intersection	
Int Delay, s/veh	7.5

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	29	141	81	175	248	50
Future Vol, veh/h	29	141	81	175	248	50
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	Free	-	None
Storage Length	120	-	-	-	100	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	3	2	2
Mvmt Flow	32	153	88	190	270	54

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	88	0	-	0	305	88
Stage 1	-	-	-	-	88	-
Stage 2	-	-	-	-	217	-
Critical Hdwy	4.12	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.218	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1508	-	-	0	687	970
Stage 1	-	-	-	0	935	-
Stage 2	-	-	-	0	819	-
Platoon blocked, %			-	-		
Mov Cap-1 Maneuver	1508	-	-	-	673	970
Mov Cap-2 Maneuver	-	-	-	-	673	-
Stage 1	-	-	-	-	915	-
Stage 2	-	-	-	-	819	-

Approach	EB	WB	SB
HCM Control Delay, s	1.3	0	13.1
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	SBLn1	SBLn2
Capacity (veh/h)	1508	-	-	673	970
HCM Lane V/C Ratio	0.021	-	-	0.401	0.056
HCM Control Delay (s)	7.4	-	-	13.9	8.9
HCM Lane LOS	A	-	-	B	A
HCM 95th %tile Q(veh)	0.1	-	-	1.9	0.2

Intersection	
Int Delay, s/veh	1.2

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	54	14	14	334	300	64
Future Vol, veh/h	54	14	14	334	300	64
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	500	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	9	9	2
Mvmt Flow	59	15	15	363	326	70

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	754	361	396	0	-	0
Stage 1	361	-	-	-	-	-
Stage 2	393	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	377	684	1163	-	-	-
Stage 1	705	-	-	-	-	-
Stage 2	682	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	372	684	1163	-	-	-
Mov Cap-2 Maneuver	554	-	-	-	-	-
Stage 1	696	-	-	-	-	-
Stage 2	682	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	12.2	0.3	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1163	-	577	-	-
HCM Lane V/C Ratio	0.013	-	0.128	-	-
HCM Control Delay (s)	8.1	-	12.2	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.4	-	-