APPENDIX C

COMPUTER OUTPUT OF TIME-INTEGRATED CONCENTRATIONS AND LIFETIME CANCER INCIDENCE RISKS

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 ROUTINE.FOR  A.S. ROOD 12/15/97
 TIME: 09:55:42.32
 DATE: 08/14/98
 INPUT FILE: ctet.par
 OUTPUT FILE: ctet.out
-----------------------------------------------------
 Carbon Tet risk from normal operations 11/01/97 Start 1952 (revised 08/14/98)
  Units Source:      mg/y
 Units Risk Factors: kg-d/mg
 Input Values
 ------------
 Number of receptors:   10
 risk type:            2
 risk factor dist      2
 Number of simulation 2000
 Number of years        38
 Number of sources:    1
 Source type:          3 Uniform
 X/Q Values for Source (s/m**3) 1
  2.800E-07  3.400E-09  5.200E-08  3.800E-08  1.400E-08  5.200E-09  7.000E-09  1.700E-08
1.400E-09  6.300E-06
 Source Files
 bldg776.src
 Location of Exposure Scenario by Activity
 -----------------------------------------
  Scenario        Occupa      Non-Occupa
 Rancher             1           1
 Office Worker       2           3
 Housewife           3           3
 Retiree             8           8
 Const Worker        5           6
 Infant              3           3
 Child (2-6)         3           3
 Student (7-18)      4           3
 Other               6           4
 Breathing Rates by Activity (m3/h)
 ----------------------------------
  Scenario        Occupa      Non-Occupa  Sleeping
 Rancher          2.620E+00  1.210E+00  4.500E-01
 Office Worker    1.040E+00  1.000E+00  3.200E-01
 Housewife        1.330E+00  1.060E+00  3.200E-01
 Retiree          1.020E+00  1.210E+00  4.500E-01
 Const Worker     1.940E+00  1.280E+00  4.500E-01
 Infant           3.300E-01  4.500E-01  1.400E-01
 Child (2-6)      4.900E-01  1.040E+00  2.300E-01
 Student (7-18)   7.900E-01  1.280E+00  3.300E-01
 Other            1.940E+00  1.280E+00  4.500E-01
 Hours per Year at Each Activity
 -------------------------------
  Scenario        Occupa      Non-Occupa  Sleeping
 Rancher          2.800E+03  2.800E+03  2.800E+03
 Office Worker    2.000E+03  3.600E+03  2.800E+03
 Housewife        2.800E+03  2.800E+03  2.800E+03
 Retiree          2.800E+03  2.800E+03  2.800E+03
 Const Worker     2.000E+03  3.600E+03  2.800E+03
 Infant           2.450E+03  3.500E+02  5.600E+03
 Child (2-6)      2.975E+03  5.250E+02  4.900E+03
 Student (7-18)   1.750E+03  3.150E+03  3.500E+03
 Other            2.000E+03  3.600E+03  2.800E+03
 Start and End of Exposure for Each Exposure Scenario
 ----------------------------------------------------
  Scenario        Start Time  End Time
 Rancher              1         38
 Office Worker       24         38
 Housewife            1         38
 Retiree             27         38
 Const Worker        23         38
 Infant               1          2
 Child (2-6)          3          8
 Student (7-18)       9         19
 Other                1         23
 GM Slope Factors (kg-d/mg)
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  Scenario         Total
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Rancher          2.500E-02
Office Worker    2.500E-02
Housewife        2.500E-02
Retiree          2.500E-02
Const Worker     2.500E-02
Infant           2.500E-02
Child (2-6)      2.500E-02
Student (7-18)   2.500E-02
Other            2.500E-02
GSD Slope Factors
------------------
 Scenario         Total
Rancher          1.430E+00
Office Worker    1.430E+00
Housewife        1.430E+00
Retiree          1.430E+00
Const Worker     1.430E+00
Infant           1.430E+00
Child (2-6)      1.430E+00
Student (7-18)   1.430E+00
Other            1.430E+00
Mean and Std Body Weight (kg)
-----------------------------
 Scenario          Mean         Std         Min         Max
Rancher          7.870E+01  0.000E+00  4.000E+01  1.100E+02
Office Worker    6.540E+01  0.000E+00  4.000E+01  1.100E+02
Housewife        6.540E+01  0.000E+00  4.000E+01  1.000E+02
Retiree          7.840E+01  0.000E+00  4.000E+01  1.100E+02
Const Worker     7.840E+01  0.000E+00  4.000E+01  1.100E+02
Infant           9.400E+00  0.000E+00  6.000E+00  1.200E+01
Child (2-6)      1.580E+01  0.000E+00  1.100E+01  2.200E+01
Student (7-18)   4.440E+01  0.000E+00  3.200E+01  1.000E+02
Other            7.870E+01  0.000E+00  4.000E+01  1.100E+02
GM and GSD of Dispersion Correction Factor
------------------------------------------------------
 Receptor          GM           GSD
 1               1.100E+00  2.200E+00
 2               1.000E+00  2.200E+00
 3               1.100E+00  2.000E+00
 4               1.100E+00  2.000E+00
 5               1.100E+00  2.000E+00
 6               1.000E+00  2.200E+00
 7               1.000E+00  2.200E+00
 8               1.000E+00  2.200E+00
 9               1.000E+00  2.200E+00
10               1.100E+00  2.200E+00
GM and GSD of Meteorology Correction Factor
-------------------------------------------------------
 1.000E+00  1.700E+00
GM and GSD for Deposition Correction Factor
-------------------------------------------------------
 Receptor          GM           GSD
 1               1.000E+00  1.050E+00
 2               1.000E+00  1.200E+00
 3               1.000E+00  1.100E+00
 4               1.000E+00  1.100E+00
 5               1.000E+00  1.140E+00
 6               1.000E+00  1.160E+00
 7               1.000E+00  1.200E+00
 8               1.000E+00  1.200E+00
 9               1.000E+00  1.200E+00
10               1.000E+00  1.200E+00
GM and GSD of Breathing Rate Correction Factor
-------------------------------------------------------
 1.000E+00  1.000E+00
Time-Integrated Conc for Source  1 Scenario 1
Percentile Occupation Nonoccupation
  0.000E+00  1.745E-03  1.745E-03
  5.000E-02  9.582E-03  9.582E-03
  1.000E-01  1.255E-02  1.255E-02
  1.500E-01  1.528E-02  1.528E-02
  2.000E-01  1.799E-02  1.799E-02
  2.500E-01  2.050E-02  2.050E-02
  3.000E-01  2.303E-02  2.303E-02
  3.500E-01  2.563E-02  2.563E-02
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  4.000E-01  2.863E-02  2.863E-02
  4.500E-01  3.153E-02  3.153E-02
  5.000E-01  3.492E-02  3.492E-02
  5.500E-01  3.805E-02  3.805E-02
  6.000E-01  4.244E-02  4.244E-02
  6.500E-01  4.683E-02  4.683E-02
  7.000E-01  5.286E-02  5.286E-02
  7.500E-01  5.912E-02  5.912E-02
  8.000E-01  6.859E-02  6.859E-02
  8.500E-01  7.967E-02  7.967E-02
  9.000E-01  9.424E-02  9.424E-02
  9.500E-01  1.240E-01  1.240E-01
  1.000E+00  4.241E-01  4.241E-01
GM:          3.476E-02  3.476E-02
GSD:         2.199E+00  2.199E+00
Time-Integrated Conc for Source  1 Scenario 2
Percentile Occupation Nonoccupation
  0.000E+00  1.020E-05  2.402E-04
  5.000E-02  3.743E-05  7.298E-04
  1.000E-01  5.112E-05  9.559E-04
  1.500E-01  6.320E-05  1.138E-03
  2.000E-01  7.273E-05  1.302E-03
  2.500E-01  8.283E-05  1.489E-03
  3.000E-01  9.240E-05  1.632E-03
  3.500E-01  1.048E-04  1.793E-03
  4.000E-01  1.173E-04  1.996E-03
  4.500E-01  1.317E-04  2.195E-03
  5.000E-01  1.438E-04  2.368E-03
  5.500E-01  1.567E-04  2.580E-03
  6.000E-01  1.737E-04  2.830E-03
  6.500E-01  1.943E-04  3.105E-03
  7.000E-01  2.200E-04  3.454E-03
  7.500E-01  2.561E-04  3.903E-03
  8.000E-01  2.836E-04  4.380E-03
  8.500E-01  3.282E-04  5.012E-03
  9.000E-01  4.013E-04  5.837E-03
  9.500E-01  5.223E-04  7.400E-03
  1.000E+00  2.014E-03  2.704E-02
GM:          1.434E-04  2.374E-03
GSD:         2.222E+00  2.027E+00
Time-Integrated Conc for Source  1 Scenario 3
Percentile Occupation Nonoccupation
  0.000E+00  4.774E-04  4.774E-04
  5.000E-02  2.020E-03  2.020E-03
  1.000E-01  2.602E-03  2.602E-03
  1.500E-01  3.049E-03  3.049E-03
  2.000E-01  3.566E-03  3.566E-03
  2.500E-01  3.980E-03  3.980E-03
  3.000E-01  4.431E-03  4.431E-03
  3.500E-01  4.965E-03  4.965E-03
  4.000E-01  5.440E-03  5.440E-03
  4.500E-01  5.893E-03  5.893E-03
  5.000E-01  6.441E-03  6.441E-03
  5.500E-01  7.023E-03  7.023E-03
  6.000E-01  7.683E-03  7.683E-03
  6.500E-01  8.403E-03  8.403E-03
  7.000E-01  9.289E-03  9.289E-03
  7.500E-01  1.030E-02  1.030E-02
  8.000E-01  1.165E-02  1.165E-02
  8.500E-01  1.342E-02  1.342E-02
  9.000E-01  1.597E-02  1.597E-02
  9.500E-01  2.022E-02  2.022E-02
  1.000E+00  6.045E-02  6.045E-02
GM:          6.446E-03  6.446E-03
GSD:         2.017E+00  2.017E+00
Time-Integrated Conc for Source  1 Scenario 4
Percentile Occupation Nonoccupation
  0.000E+00  2.991E-05  2.991E-05
  5.000E-02  1.440E-04  1.440E-04
  1.000E-01  1.880E-04  1.880E-04
  1.500E-01  2.297E-04  2.297E-04
  2.000E-01  2.721E-04  2.721E-04
  2.500E-01  3.085E-04  3.085E-04
  3.000E-01  3.538E-04  3.538E-04
  3.500E-01  4.036E-04  4.036E-04
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  4.000E-01  4.441E-04  4.441E-04
  4.500E-01  4.832E-04  4.832E-04
  5.000E-01  5.375E-04  5.375E-04
  5.500E-01  5.975E-04  5.975E-04
  6.000E-01  6.628E-04  6.628E-04
  6.500E-01  7.370E-04  7.370E-04
  7.000E-01  8.304E-04  8.304E-04
  7.500E-01  9.533E-04  9.533E-04
  8.000E-01  1.095E-03  1.095E-03
  8.500E-01  1.276E-03  1.276E-03
  9.000E-01  1.536E-03  1.536E-03
  9.500E-01  2.037E-03  2.037E-03
  1.000E+00  7.431E-03  7.431E-03
GM:          5.419E-04  5.419E-04
GSD:         2.254E+00  2.254E+00
Time-Integrated Conc for Source  1 Scenario 5
Percentile Occupation Nonoccupation
  0.000E+00  5.178E-05  1.237E-05
  5.000E-02  2.211E-04  6.684E-05
  1.000E-01  2.818E-04  8.534E-05
  1.500E-01  3.375E-04  1.033E-04
  2.000E-01  3.776E-04  1.174E-04
  2.500E-01  4.269E-04  1.374E-04
  3.000E-01  4.813E-04  1.556E-04
  3.500E-01  5.313E-04  1.739E-04
  4.000E-01  5.810E-04  1.935E-04
  4.500E-01  6.402E-04  2.134E-04
  5.000E-01  6.973E-04  2.363E-04
  5.500E-01  7.637E-04  2.638E-04
  6.000E-01  8.288E-04  2.889E-04
  6.500E-01  9.083E-04  3.188E-04
  7.000E-01  1.017E-03  3.621E-04
  7.500E-01  1.138E-03  4.109E-04
  8.000E-01  1.277E-03  4.600E-04
  8.500E-01  1.451E-03  5.503E-04
  9.000E-01  1.713E-03  6.692E-04
  9.500E-01  2.243E-03  8.898E-04
  1.000E+00  6.515E-03  2.776E-03
GM:          6.984E-04  2.374E-04
GSD:         2.026E+00  2.218E+00
Time-Integrated Conc for Source  1 Scenario 6
Percentile Occupation Nonoccupation
  0.000E+00  8.618E-07  8.618E-07
  5.000E-02  3.396E-06  3.396E-06
  1.000E-01  5.118E-06  5.118E-06
  1.500E-01  6.666E-06  6.666E-06
  2.000E-01  8.080E-06  8.080E-06
  2.500E-01  9.473E-06  9.473E-06
  3.000E-01  1.111E-05  1.111E-05
  3.500E-01  1.294E-05  1.294E-05
  4.000E-01  1.487E-05  1.487E-05
  4.500E-01  1.714E-05  1.714E-05
  5.000E-01  1.917E-05  1.917E-05
  5.500E-01  2.207E-05  2.207E-05
  6.000E-01  2.493E-05  2.493E-05
  6.500E-01  2.780E-05  2.780E-05
  7.000E-01  3.169E-05  3.169E-05
  7.500E-01  3.624E-05  3.624E-05
  8.000E-01  4.257E-05  4.257E-05
  8.500E-01  5.056E-05  5.056E-05
  9.000E-01  6.429E-05  6.429E-05
  9.500E-01  9.059E-05  9.059E-05
  1.000E+00  4.770E-04  4.770E-04
GM:          1.879E-05  1.879E-05
GSD:         2.686E+00  2.686E+00
Time-Integrated Conc for Source  1 Scenario 7
Percentile Occupation Nonoccupation
  0.000E+00  2.230E-05  2.230E-05
  5.000E-02  1.438E-04  1.438E-04
  1.000E-01  1.825E-04  1.825E-04
  1.500E-01  2.324E-04  2.324E-04
  2.000E-01  2.676E-04  2.676E-04
  2.500E-01  3.074E-04  3.074E-04
  3.000E-01  3.451E-04  3.451E-04
  3.500E-01  3.860E-04  3.860E-04
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  4.000E-01  4.262E-04  4.262E-04
  4.500E-01  4.677E-04  4.677E-04
  5.000E-01  5.156E-04  5.156E-04
  5.500E-01  5.722E-04  5.722E-04
  6.000E-01  6.350E-04  6.350E-04
  6.500E-01  7.019E-04  7.019E-04
  7.000E-01  7.784E-04  7.784E-04
  7.500E-01  8.896E-04  8.896E-04
  8.000E-01  1.004E-03  1.004E-03
  8.500E-01  1.165E-03  1.165E-03
  9.000E-01  1.418E-03  1.418E-03
  9.500E-01  1.899E-03  1.899E-03
  1.000E+00  7.861E-03  7.861E-03
GM:          5.196E-04  5.196E-04
GSD:         2.208E+00  2.208E+00
Time-Integrated Conc for Source  1 Scenario 8
Percentile Occupation Nonoccupation
  0.000E+00  1.046E-04  1.450E-04
  5.000E-02  5.663E-04  7.578E-04
  1.000E-01  7.333E-04  9.996E-04
  1.500E-01  8.675E-04  1.175E-03
  2.000E-01  9.973E-04  1.360E-03
  2.500E-01  1.119E-03  1.531E-03
  3.000E-01  1.252E-03  1.719E-03
  3.500E-01  1.375E-03  1.885E-03
  4.000E-01  1.525E-03  2.076E-03
  4.500E-01  1.677E-03  2.311E-03
  5.000E-01  1.838E-03  2.527E-03
  5.500E-01  2.019E-03  2.783E-03
  6.000E-01  2.199E-03  3.019E-03
  6.500E-01  2.426E-03  3.296E-03
  7.000E-01  2.700E-03  3.683E-03
  7.500E-01  3.028E-03  4.166E-03
  8.000E-01  3.355E-03  4.617E-03
  8.500E-01  3.956E-03  5.419E-03
  9.000E-01  4.612E-03  6.377E-03
  9.500E-01  5.985E-03  8.255E-03
  1.000E+00  1.802E-02  2.518E-02
GM:          1.842E-03  2.524E-03
GSD:         2.064E+00  2.067E+00
Time-Integrated Conc for Source  1 Scenario 9
Percentile Occupation Nonoccupation
  0.000E+00  1.792E-05  2.021E-04
  5.000E-02  9.427E-05  8.758E-04
  1.000E-01  1.330E-04  1.193E-03
  1.500E-01  1.603E-04  1.403E-03
  2.000E-01  1.860E-04  1.616E-03
  2.500E-01  2.162E-04  1.824E-03
  3.000E-01  2.435E-04  2.022E-03
  3.500E-01  2.727E-04  2.245E-03
  4.000E-01  3.007E-04  2.431E-03
  4.500E-01  3.285E-04  2.660E-03
  5.000E-01  3.680E-04  2.929E-03
  5.500E-01  4.077E-04  3.213E-03
  6.000E-01  4.475E-04  3.509E-03
  6.500E-01  5.054E-04  3.869E-03
  7.000E-01  5.596E-04  4.272E-03
  7.500E-01  6.447E-04  4.890E-03
  8.000E-01  7.332E-04  5.386E-03
  8.500E-01  8.339E-04  5.984E-03
  9.000E-01  1.007E-03  7.109E-03
  9.500E-01  1.357E-03  9.291E-03
  1.000E+00  5.397E-03  2.930E-02
GM:          3.675E-04  2.926E-03
GSD:         2.235E+00  2.038E+00
Risk Estimates
Rancher
Percentile   Total
--------------------------------------------------
 0.000E+00  2.494E-07
 5.000E-02  1.256E-06
 1.000E-01  1.721E-06
 1.500E-01  2.086E-06
 2.000E-01  2.472E-06
 2.500E-01  2.891E-06
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 3.000E-01  3.284E-06
 3.500E-01  3.696E-06
 4.000E-01  4.179E-06
 4.500E-01  4.717E-06
 5.000E-01  5.186E-06
 5.500E-01  5.807E-06
 6.000E-01  6.537E-06
 6.500E-01  7.272E-06
 7.000E-01  8.192E-06
 7.500E-01  9.222E-06
 8.000E-01  1.074E-05
 8.500E-01  1.284E-05
 9.000E-01  1.549E-05
 9.500E-01  2.135E-05
 1.000E+00  9.639E-05
GM:         5.199E-06
GSD:        2.375E+00
Office Worker
Percentile   Total
--------------------------------------------------
 0.000E+00  1.051E-08
 5.000E-02  4.499E-08
 1.000E-01  5.815E-08
 1.500E-01  7.297E-08
 2.000E-01  8.502E-08
 2.500E-01  9.774E-08
 3.000E-01  1.115E-07
 3.500E-01  1.229E-07
 4.000E-01  1.364E-07
 4.500E-01  1.470E-07
 5.000E-01  1.602E-07
 5.500E-01  1.786E-07
 6.000E-01  1.960E-07
 6.500E-01  2.193E-07
 7.000E-01  2.462E-07
 7.500E-01  2.817E-07
 8.000E-01  3.190E-07
 8.500E-01  3.708E-07
 9.000E-01  4.397E-07
 9.500E-01  5.925E-07
 1.000E+00  2.386E-06
GM:         1.637E-07
GSD:        2.208E+00
Housewife
Percentile   Total
--------------------------------------------------
 0.000E+00  4.967E-08
 5.000E-02  2.067E-07
 1.000E-01  2.713E-07
 1.500E-01  3.297E-07
 2.000E-01  3.820E-07
 2.500E-01  4.382E-07
 3.000E-01  4.858E-07
 3.500E-01  5.430E-07
 4.000E-01  6.034E-07
 4.500E-01  6.674E-07
 5.000E-01  7.309E-07
 5.500E-01  8.048E-07
 6.000E-01  8.964E-07
 6.500E-01  9.909E-07
 7.000E-01  1.114E-06
 7.500E-01  1.256E-06
 8.000E-01  1.443E-06
 8.500E-01  1.697E-06
 9.000E-01  2.037E-06
 9.500E-01  2.729E-06
 1.000E+00  1.104E-05
GM:         7.400E-07
GSD:        2.174E+00
Retiree
Percentile   Total
--------------------------------------------------
 0.000E+00  2.083E-09
 5.000E-02  1.207E-08
 1.000E-01  1.647E-08
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```
 1.500E-01  2.027E-08
 2.000E-01  2.423E-08
 2.500E-01  2.799E-08
 3.000E-01  3.113E-08
 3.500E-01  3.484E-08
 4.000E-01  3.916E-08
 4.500E-01  4.441E-08
 5.000E-01  5.099E-08
 5.500E-01  5.589E-08
 6.000E-01  6.317E-08
 6.500E-01  6.997E-08
 7.000E-01  7.867E-08
 7.500E-01  9.296E-08
 8.000E-01  1.080E-07
 8.500E-01  1.293E-07
 9.000E-01  1.570E-07
 9.500E-01  2.086E-07
 1.000E+00  9.093E-07
GM:         5.048E-08
GSD:        2.407E+00
Const Worker
Percentile   Total
--------------------------------------------------
 0.000E+00  3.252E-09
 5.000E-02  1.361E-08
 1.000E-01  1.815E-08
 1.500E-01  2.218E-08
 2.000E-01  2.549E-08
 2.500E-01  2.894E-08
 3.000E-01  3.274E-08
 3.500E-01  3.698E-08
 4.000E-01  4.191E-08
 4.500E-01  4.584E-08
 5.000E-01  5.033E-08
 5.500E-01  5.691E-08
 6.000E-01  6.253E-08
 6.500E-01  7.068E-08
 7.000E-01  8.073E-08
 7.500E-01  9.118E-08
 8.000E-01  1.039E-07
 8.500E-01  1.239E-07
 9.000E-01  1.460E-07
 9.500E-01  1.958E-07
 1.000E+00  6.734E-07
GM:         5.148E-08
GSD:        2.260E+00
Infant
Percentile   Total
--------------------------------------------------
 0.000E+00  1.427E-10
 5.000E-02  5.949E-10
 1.000E-01  9.096E-10
 1.500E-01  1.160E-09
 2.000E-01  1.444E-09
 2.500E-01  1.727E-09
 3.000E-01  1.966E-09
 3.500E-01  2.280E-09
 4.000E-01  2.669E-09
 4.500E-01  3.021E-09
 5.000E-01  3.425E-09
 5.500E-01  3.933E-09
 6.000E-01  4.479E-09
 6.500E-01  5.115E-09
 7.000E-01  5.934E-09
 7.500E-01  6.953E-09
 8.000E-01  8.203E-09
 8.500E-01  1.009E-08
 9.000E-01  1.240E-08
 9.500E-01  1.877E-08
 1.000E+00  1.242E-07
GM:         3.418E-09
GSD:        2.837E+00
Child (2-6)
Percentile   Total
--------------------------------------------------
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```
 0.000E+00  6.082E-09
 5.000E-02  2.305E-08
 1.000E-01  3.134E-08
 1.500E-01  4.045E-08
 2.000E-01  4.771E-08
 2.500E-01  5.563E-08
 3.000E-01  6.396E-08
 3.500E-01  7.224E-08
 4.000E-01  8.079E-08
 4.500E-01  9.007E-08
 5.000E-01  9.969E-08
 5.500E-01  1.138E-07
 6.000E-01  1.259E-07
 6.500E-01  1.422E-07
 7.000E-01  1.619E-07
 7.500E-01  1.814E-07
 8.000E-01  2.089E-07
 8.500E-01  2.498E-07
 9.000E-01  3.022E-07
 9.500E-01  4.318E-07
 1.000E+00  2.069E-06
GM:         1.007E-07
GSD:        2.429E+00
Student (7-18)
Percentile   Total
--------------------------------------------------
 0.000E+00  2.664E-08
 5.000E-02  9.241E-08
 1.000E-01  1.204E-07
 1.500E-01  1.472E-07
 2.000E-01  1.732E-07
 2.500E-01  2.001E-07
 3.000E-01  2.231E-07
 3.500E-01  2.501E-07
 4.000E-01  2.815E-07
 4.500E-01  3.154E-07
 5.000E-01  3.503E-07
 5.500E-01  3.888E-07
 6.000E-01  4.287E-07
 6.500E-01  4.827E-07
 7.000E-01  5.337E-07
 7.500E-01  5.944E-07
 8.000E-01  6.734E-07
 8.500E-01  8.098E-07
 9.000E-01  9.402E-07
 9.500E-01  1.290E-06
 1.000E+00  5.322E-06
GM:         3.452E-07
GSD:        2.233E+00
Other
Percentile   Total
--------------------------------------------------
 0.000E+00  1.401E-08
 5.000E-02  6.250E-08
 1.000E-01  8.406E-08
 1.500E-01  9.881E-08
 2.000E-01  1.152E-07
 2.500E-01  1.300E-07
 3.000E-01  1.494E-07
 3.500E-01  1.664E-07
 4.000E-01  1.913E-07
 4.500E-01  2.131E-07
 5.000E-01  2.353E-07
 5.500E-01  2.582E-07
 6.000E-01  2.826E-07
 6.500E-01  3.092E-07
 7.000E-01  3.421E-07
 7.500E-01  3.817E-07
 8.000E-01  4.394E-07
 8.500E-01  5.158E-07
 9.000E-01  6.330E-07
 9.500E-01  8.453E-07
 1.000E+00  3.444E-06
GM:         2.293E-07
GSD:        2.223E+00
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Total Risk for Child Scenario

Percentile	Total
0.000E+00	2.615E-08
5.000E-02	9.990E-08
1.000E-01	1.328E-07
1.500E-01	1.702E-07
2.000E-01	2.012E-07
2.500E-01	2.356E-07
3.000E-01	2.631E-07
3.500E-01	2.923E-07
4.000E-01	3.405E-07
4.500E-01	3.794E-07
5.000E-01	4.257E-07
5.500E-01	4.679E-07
6.000E-01	5.223E-07
6.500E-01	5.897E-07
7.000E-01	6.616E-07
7.500E-01	7.407E-07
8.000E-01	8.729E-07
8.500E-01	1.024E-06
9.000E-01	1.265E-06
9.500E-01	1.689E-06
1.000E+00	5.999E-06
GM:	4.172E-07
GSD:	2.378E+00

Concentration vs. Time Output (mass/m**3)

Receptor: 1

Year	5th	50th	95th
1	3.956E-15	4.082E-14	2.671E-13
2	1.759E-05	1.035E-04	5.075E-04
3	1.836E-05	1.023E-04	5.564E-04
4	1.837E-05	1.014E-04	5.365E-04
5	1.748E-05	1.073E-04	5.590E-04
6	1.686E-05	9.871E-05	5.967E-04
7	1.612E-04	1.010E-03	5.516E-03
8	1.792E-04	1.028E-03	5.341E-03
9	1.805E-04	1.060E-03	5.694E-03
10	1.817E-04	1.028E-03	5.551E-03
11	1.772E-04	1.040E-03	5.413E-03
12	1.731E-04	1.017E-03	5.170E-03
13	1.962E-04	1.049E-03	5.687E-03
14	1.687E-04	1.011E-03	5.494E-03
15	1.740E-04	1.030E-03	5.714E-03
16	1.730E-04	9.866E-04	5.199E-03
17	1.676E-04	1.021E-03	5.410E-03
18	1.833E-04	1.026E-03	5.459E-03
19	1.636E-04	9.919E-04	5.536E-03
20	1.786E-04	1.010E-03	5.647E-03
21	1.740E-04	9.876E-04	5.291E-03
22	1.577E-04	9.685E-04	5.415E-03
23	1.535E-04	8.951E-04	4.951E-03
24	1.500E-04	8.667E-04	4.706E-03
25	1.536E-04	8.736E-04	4.409E-03
26	1.457E-04	8.226E-04	4.331E-03
27	1.535E-04	8.009E-04	4.558E-03
28	1.259E-04	7.727E-04	4.339E-03
29	1.290E-04	7.495E-04	4.107E-03
30	1.307E-04	7.450E-04	3.970E-03
31	1.209E-04	6.731E-04	3.952E-03
32	1.191E-04	6.763E-04	3.821E-03
33	1.095E-04	6.445E-04	3.772E-03
34	1.093E-04	6.221E-04	3.538E-03
35	1.052E-04	5.753E-04	3.078E-03
36	1.012E-04	5.724E-04	2.691E-03
37	9.528E-05	5.422E-04	2.747E-03
38	9.229E-05	5.053E-04	2.912E-03

Receptor: 2

Year	5th	50th	95th
1	4.326E-17	4.572E-16	3.043E-15
2	2.033E-07	1.158E-06	6.008E-06
3	1.966E-07	1.083E-06	6.556E-06
4	1.981E-07	1.118E-06	5.881E-06
5	1.835E-07	1.135E-06	5.961E-06

6	1.850E-07	1.113E-06	6.047E-06
7	2.019E-06	1.120E-05	6.190E-05
8	1.943E-06	1.109E-05	6.444E-05
9	1.949E-06	1.137E-05	6.446E-05
10	1.890E-06	1.150E-05	6.059E-05
11	2.009E-06	1.131E-05	6.148E-05
12	1.941E-06	1.087E-05	6.155E-05
13	1.900E-06	1.110E-05	6.528E-05
14	1.938E-06	1.118E-05	6.305E-05
15	1.896E-06	1.145E-05	6.246E-05
16	1.804E-06	1.128E-05	6.752E-05
17	1.864E-06	1.083E-05	6.189E-05
18	1.918E-06	1.087E-05	6.468E-05
19	1.957E-06	1.088E-05	6.638E-05
20	1.868E-06	1.118E-05	5.978E-05
21	1.911E-06	1.116E-05	5.644E-05
22	1.787E-06	1.037E-05	5.623E-05
23	1.772E-06	9.960E-06	5.666E-05
24	1.779E-06	9.891E-06	5.515E-05
25	1.667E-06	9.464E-06	5.488E-05
26	1.671E-06	9.462E-06	4.933E-05
27	1.444E-06	8.613E-06	4.512E-05
28	1.430E-06	8.765E-06	4.482E-05
29	1.300E-06	8.468E-06	4.286E-05
30	1.422E-06	7.900E-06	4.643E-05
31	1.307E-06	7.707E-06	4.423E-05
32	1.202E-06	7.713E-06	3.887E-05
33	1.177E-06	7.071E-06	3.848E-05
34	1.136E-06	6.794E-06	3.715E-05
35	1.101E-06	6.661E-06	3.780E-05
36	9.550E-07	5.980E-06	3.477E-05
37	9.284E-07	5.895E-06	3.240E-05
38	9.969E-07	5.675E-06	3.296E-05

Receptor: 3

Year	5th	50th	95th
1	8.980E-16	8.137E-15	4.644E-14
2	3.686E-06	1.905E-05	9.001E-05
3	3.584E-06	1.927E-05	9.316E-05
4	3.831E-06	1.944E-05	8.714E-05
5	3.567E-06	1.898E-05	8.997E-05
6	3.567E-06	1.869E-05	8.681E-05
7	3.812E-05	1.843E-04	8.756E-04
8	3.482E-05	1.872E-04	8.834E-04
9	3.880E-05	1.887E-04	8.516E-04
10	3.572E-05	1.924E-04	8.642E-04
11	3.666E-05	1.906E-04	9.031E-04
12	3.656E-05	1.885E-04	9.320E-04
13	3.529E-05	1.934E-04	9.069E-04
14	3.700E-05	1.910E-04	8.735E-04
15	3.455E-05	1.817E-04	9.178E-04
16	3.877E-05	1.858E-04	9.414E-04
17	3.593E-05	1.981E-04	8.921E-04
18	3.601E-05	1.838E-04	8.958E-04
19	3.965E-05	2.008E-04	9.371E-04
20	3.804E-05	1.824E-04	8.728E-04
21	3.368E-05	1.708E-04	8.268E-04
22	3.530E-05	1.723E-04	8.206E-04
23	3.245E-05	1.677E-04	8.064E-04
24	3.218E-05	1.633E-04	8.338E-04
25	3.139E-05	1.596E-04	7.756E-04
26	3.176E-05	1.554E-04	7.155E-04
27	2.844E-05	1.497E-04	7.080E-04
28	3.050E-05	1.435E-04	6.626E-04
29	2.628E-05	1.458E-04	7.010E-04
30	2.735E-05	1.367E-04	6.743E-04
31	2.572E-05	1.293E-04	5.910E-04
32	2.390E-05	1.243E-04	6.197E-04
33	2.371E-05	1.190E-04	5.681E-04
34	2.130E-05	1.111E-04	5.560E-04
35	2.085E-05	1.052E-04	5.205E-04
36	1.956E-05	1.032E-04	5.146E-04
37	2.048E-05	1.017E-04	4.758E-04
38	1.907E-05	9.122E-05	4.572E-04

Receptor: 4

Year	5th	50th	95th

1	5.505E-16	5.990E-15	3.256E-14
2	2.785E-06	1.400E-05	6.805E-05
3	2.785E-06	1.339E-05	6.577E-05
4	2.984E-06	1.358E-05	6.773E-05
5	2.694E-06	1.396E-05	7.175E-05
6	2.607E-06	1.380E-05	6.597E-05
7	2.687E-05	1.366E-04	6.320E-04
8	2.520E-05	1.373E-04	6.586E-04
9	2.713E-05	1.388E-04	6.997E-04
10	2.695E-05	1.388E-04	7.030E-04
11	2.550E-05	1.363E-04	6.692E-04
12	2.918E-05	1.342E-04	6.895E-04
13	2.541E-05	1.346E-04	6.914E-04
14	3.149E-05	1.360E-04	6.486E-04
15	2.601E-05	1.352E-04	6.119E-04
16	2.640E-05	1.371E-04	6.615E-04
17	2.629E-05	1.386E-04	6.499E-04
18	2.594E-05	1.346E-04	6.673E-04
19	2.745E-05	1.359E-04	6.364E-04
20	2.653E-05	1.353E-04	6.913E-04
21	2.501E-05	1.297E-04	6.030E-04
22	2.329E-05	1.285E-04	6.619E-04
23	2.131E-05	1.225E-04	5.896E-04
24	2.151E-05	1.196E-04	6.039E-04
25	2.271E-05	1.158E-04	5.554E-04
26	2.238E-05	1.126E-04	5.136E-04
27	2.062E-05	1.074E-04	5.164E-04
28	1.840E-05	1.038E-04	4.946E-04
29	2.047E-05	1.009E-04	4.936E-04
30	1.950E-05	9.631E-05	4.766E-04
31	1.831E-05	9.346E-05	4.679E-04
32	1.727E-05	9.561E-05	4.309E-04
33	1.837E-05	8.448E-05	4.157E-04
34	1.616E-05	8.399E-05	4.035E-04
35	1.498E-05	7.795E-05	3.950E-04
36	1.383E-05	7.664E-05	3.844E-04
37	1.428E-05	7.208E-05	3.281E-04
38	1.298E-05	6.874E-05	3.369E-04

Receptor: 5

Year	5th	50th	95th
1	2.215E-16	2.224E-15	1.303E-14
2	9.130E-07	5.119E-06	2.576E-05
3	9.309E-07	4.881E-06	2.350E-05
4	9.938E-07	5.028E-06	2.635E-05
5	1.066E-06	5.125E-06	2.561E-05
6	9.396E-07	5.019E-06	2.451E-05
7	1.029E-05	5.219E-05	2.661E-04
8	1.067E-05	5.233E-05	2.522E-04
9	9.650E-06	5.065E-05	2.444E-04
10	9.902E-06	4.964E-05	2.528E-04
11	9.465E-06	5.036E-05	2.462E-04
12	9.702E-06	4.972E-05	2.471E-04
13	1.074E-05	4.980E-05	2.398E-04
14	9.186E-06	4.970E-05	2.436E-04
15	1.042E-05	5.166E-05	2.559E-04
16	9.627E-06	4.974E-05	2.448E-04
17	9.401E-06	5.072E-05	2.322E-04
18	1.004E-05	5.232E-05	2.396E-04
19	9.654E-06	5.104E-05	2.288E-04
20	1.012E-05	5.030E-05	2.473E-04
21	9.252E-06	4.711E-05	2.356E-04
22	8.669E-06	4.731E-05	2.123E-04
23	9.281E-06	4.674E-05	2.159E-04
24	8.261E-06	4.291E-05	2.089E-04
25	7.950E-06	4.229E-05	2.087E-04
26	7.134E-06	4.059E-05	2.079E-04
27	8.208E-06	4.157E-05	1.894E-04
28	7.503E-06	3.806E-05	2.036E-04
29	6.846E-06	3.792E-05	1.742E-04
30	6.527E-06	3.802E-05	1.760E-04
31	5.969E-06	3.427E-05	1.836E-04
32	6.522E-06	3.216E-05	1.711E-04
33	6.472E-06	3.211E-05	1.633E-04
34	5.773E-06	3.072E-05	1.439E-04
35	5.455E-06	2.968E-05	1.603E-04

36	5.256E-06	2.825E-05	1.408E-04
37	4.705E-06	2.668E-05	1.300E-04
38	5.121E-06	2.515E-05	1.158E-04

Receptor: 6

Year	5th	50th	95th
1	6.682E-17	7.333E-16	4.383E-15
2	2.991E-07	1.680E-06	8.875E-06
3	3.034E-07	1.755E-06	9.589E-06
4	3.032E-07	1.701E-06	9.207E-06
5	2.833E-07	1.773E-06	8.671E-06
6	3.122E-07	1.723E-06	9.209E-06
7	3.040E-06	1.688E-05	9.429E-05
8	3.123E-06	1.689E-05	9.429E-05
9	2.982E-06	1.728E-05	9.553E-05
10	3.058E-06	1.778E-05	9.745E-05
11	2.880E-06	1.701E-05	9.682E-05
12	2.983E-06	1.662E-05	9.829E-05
13	3.150E-06	1.720E-05	9.658E-05
14	2.979E-06	1.705E-05	9.720E-05
15	3.073E-06	1.692E-05	9.482E-05
16	3.141E-06	1.682E-05	8.937E-05
17	3.184E-06	1.731E-05	9.578E-05
18	3.161E-06	1.760E-05	9.218E-05
19	2.707E-06	1.754E-05	8.688E-05
20	3.101E-06	1.644E-05	8.951E-05
21	2.922E-06	1.628E-05	8.547E-05
22	2.799E-06	1.600E-05	9.291E-05
23	2.524E-06	1.560E-05	8.135E-05
24	2.554E-06	1.509E-05	8.005E-05
25	2.525E-06	1.467E-05	7.966E-05
26	2.287E-06	1.494E-05	7.767E-05
27	2.439E-06	1.348E-05	7.765E-05
28	2.291E-06	1.346E-05	7.118E-05
29	2.327E-06	1.279E-05	6.642E-05
30	2.149E-06	1.216E-05	6.890E-05
31	1.956E-06	1.150E-05	6.434E-05
32	1.975E-06	1.124E-05	5.886E-05
33	1.730E-06	1.103E-05	5.997E-05
34	1.849E-06	1.063E-05	5.601E-05
35	1.641E-06	9.794E-06	5.113E-05
36	1.608E-06	9.574E-06	5.137E-05
37	1.578E-06	9.304E-06	4.969E-05
38	1.368E-06	8.873E-06	4.820E-05

Receptor: 7

Year	5th	50th	95th
1	7.921E-17	9.679E-16	6.319E-15
2	3.881E-07	2.240E-06	1.183E-05
3	3.846E-07	2.318E-06	1.217E-05
4	4.181E-07	2.340E-06	1.266E-05
5	3.622E-07	2.333E-06	1.281E-05
6	3.849E-07	2.335E-06	1.192E-05
7	3.742E-06	2.271E-05	1.256E-04
8	3.948E-06	2.308E-05	1.289E-04
9	3.757E-06	2.285E-05	1.274E-04
10	4.102E-06	2.315E-05	1.384E-04
11	3.960E-06	2.264E-05	1.318E-04
12	4.005E-06	2.248E-05	1.337E-04
13	3.752E-06	2.303E-05	1.355E-04
14	3.900E-06	2.395E-05	1.225E-04
15	4.016E-06	2.412E-05	1.289E-04
16	3.915E-06	2.319E-05	1.223E-04
17	3.908E-06	2.396E-05	1.261E-04
18	3.984E-06	2.256E-05	1.217E-04
19	3.875E-06	2.369E-05	1.336E-04
20	4.007E-06	2.337E-05	1.199E-04
21	3.890E-06	2.270E-05	1.231E-04
22	3.623E-06	2.184E-05	1.165E-04
23	3.773E-06	2.011E-05	1.087E-04
24	3.503E-06	1.982E-05	1.113E-04
25	3.201E-06	1.907E-05	1.061E-04
26	3.428E-06	1.904E-05	1.041E-04
27	2.961E-06	1.860E-05	9.890E-05
28	2.824E-06	1.751E-05	1.000E-04
29	2.708E-06	1.739E-05	9.086E-05
30	2.696E-06	1.663E-05	8.837E-05

31	2.899E-06	1.574E-05	8.616E-05
32	2.491E-06	1.452E-05	7.895E-05
33	2.511E-06	1.485E-05	8.361E-05
34	2.355E-06	1.411E-05	7.445E-05
35	2.463E-06	1.288E-05	7.211E-05
36	2.256E-06	1.304E-05	7.195E-05
37	1.990E-06	1.205E-05	6.682E-05
38	2.070E-06	1.119E-05	6.301E-05

Receptor: 9

Year	5th	50th	95th
1	1.704E-17	1.931E-16	1.280E-15
2	8.297E-08	4.634E-07	2.589E-06
3	7.543E-08	4.602E-07	2.496E-06
4	7.376E-08	4.580E-07	2.561E-06
5	7.447E-08	4.550E-07	2.400E-06
6	8.202E-08	4.684E-07	2.676E-06
7	7.899E-07	4.684E-06	2.568E-05
8	8.355E-07	4.525E-06	2.381E-05
9	7.860E-07	4.720E-06	2.621E-05
10	7.450E-07	4.679E-06	2.312E-05
11	8.034E-07	4.558E-06	2.673E-05
12	7.337E-07	4.649E-06	2.655E-05
13	8.232E-07	4.677E-06	2.577E-05
14	7.522E-07	4.728E-06	2.483E-05
15	7.680E-07	4.536E-06	2.387E-05
16	8.039E-07	4.392E-06	2.542E-05
17	8.453E-07	4.422E-06	2.439E-05
18	8.038E-07	4.542E-06	2.421E-05
19	8.583E-07	4.611E-06	2.382E-05
20	7.750E-07	4.414E-06	2.538E-05
21	7.661E-07	4.681E-06	2.446E-05
22	7.310E-07	4.248E-06	2.585E-05
23	6.587E-07	4.191E-06	2.298E-05
24	6.841E-07	4.228E-06	2.141E-05
25	6.811E-07	3.840E-06	2.261E-05
26	6.389E-07	3.609E-06	2.068E-05
27	6.440E-07	3.671E-06	1.933E-05
28	6.163E-07	3.349E-06	1.847E-05
29	6.048E-07	3.457E-06	1.723E-05
30	5.240E-07	3.312E-06	1.873E-05
31	5.192E-07	3.168E-06	1.796E-05
32	5.046E-07	3.003E-06	1.724E-05
33	4.692E-07	2.908E-06	1.600E-05
34	4.513E-07	2.839E-06	1.503E-05
35	4.740E-07	2.772E-06	1.537E-05
36	4.071E-07	2.497E-06	1.367E-05
37	4.098E-07	2.447E-06	1.243E-05
38	4.178E-07	2.277E-06	1.285E-05

Receptor: 10

Year	5th	50th	95th
1	7.963E-14	9.867E-13	6.165E-12
2	4.105E-04	2.276E-03	1.289E-02
3	3.783E-04	2.246E-03	1.309E-02
4	3.946E-04	2.271E-03	1.241E-02
5	4.134E-04	2.172E-03	1.238E-02
6	4.001E-04	2.315E-03	1.336E-02
7	4.221E-03	2.382E-02	1.255E-01
8	3.972E-03	2.303E-02	1.287E-01
9	4.170E-03	2.250E-02	1.250E-01
10	4.015E-03	2.236E-02	1.243E-01
11	3.828E-03	2.241E-02	1.287E-01
12	3.869E-03	2.246E-02	1.250E-01
13	3.809E-03	2.314E-02	1.263E-01
14	3.795E-03	2.312E-02	1.233E-01
15	4.052E-03	2.260E-02	1.269E-01
16	3.702E-03	2.244E-02	1.238E-01
17	3.679E-03	2.380E-02	1.270E-01
18	4.117E-03	2.256E-02	1.222E-01
19	4.169E-03	2.412E-02	1.197E-01
20	3.618E-03	2.250E-02	1.185E-01
21	3.699E-03	2.222E-02	1.214E-01
22	3.784E-03	2.055E-02	1.188E-01
23	3.557E-03	2.052E-02	1.085E-01
24	3.623E-03	2.015E-02	1.128E-01
25	3.254E-03	2.000E-02	1.080E-01

26	3.273E-03	1.840E-02	1.017E-01
27	3.027E-03	1.761E-02	9.946E-02
28	3.144E-03	1.689E-02	9.551E-02
29	3.012E-03	1.643E-02	9.810E-02
30	2.722E-03	1.651E-02	9.931E-02
31	2.773E-03	1.614E-02	8.751E-02
32	2.541E-03	1.550E-02	7.675E-02
33	2.457E-03	1.373E-02	8.394E-02
34	2.488E-03	1.429E-02	7.507E-02
35	2.441E-03	1.363E-02	7.305E-02
36	2.187E-03	1.323E-02	7.148E-02
37	1.945E-03	1.248E-02	6.669E-02
38	1.941E-03	1.085E-02	5.926E-02