
Part VI: Uncertainty Analysis
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ORESAD Uncertainty Analysis Results

| | |
|---|----|
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Probabilistic Input

Number of Sample Runs: 300

| Number | Name | Distribution | Parameters | | | | | | |
|--------|-------------|-----------------------|------------|---------|---------|---------|-------|---------|-------|
| 1 | DCACTC (1) | LOGNORMAL-N | 7.78 | 2.76 | | | | | |
| 2 | DCACTU1 (1) | LOGNORMAL-N | 7.78 | 2.76 | | | | | |
| 3 | DCACTS (1) | LOGNORMAL-N | 7.78 | 2.76 | | | | | |
| 4 | DCACTC (2) | LOGNORMAL-N | 8.17 | 1.7 | | | | | |
| 5 | DCACTU1 (2) | LOGNORMAL-N | 8.17 | 1.7 | | | | | |
| 6 | DCACTS (2) | LOGNORMAL-N | 8.17 | 1.7 | | | | | |
| 7 | BRTF (82,1) | LOGNORMAL-N | -5.52 | .916291 | | | | | |
| 8 | BRTF (82,2) | LOGNORMAL-N | -7.13 | .693147 | | | | | |
| 9 | BRTF (82,3) | LOGNORMAL-N | -8.11 | .91629 | | | | | |
| 10 | BBIO (82,1) | LOGNORMAL-N | 5.7 | 1.1 | | | | | |
| 11 | BRTF (88,1) | LOGNORMAL-N | -3.22 | .916291 | | | | | |
| 12 | BRTF (88,2) | LOGNORMAL-N | -6.91 | .693147 | | | | | |
| 13 | BRTF (88,3) | LOGNORMAL-N | -6.91 | .47 | | | | | |
| 14 | BBIO (88,1) | LOGNORMAL-N | 3.9 | 1.1 | | | | | |
| 15 | UW | UNIFORM | 250 | 2500 | | | | | |
| 16 | MLINH | CONTINUOUS LINEAR | 8 | 0 | 0 | .000008 | .0151 | .000016 | .1365 |
| .8119 | .00004 | .9495 | .00006 | .9937 | .000076 | .9983 | .0001 | 1 | |
| 17 | SHF3 | UNIFORM | .15 | .95 | | | | | |
| 18 | DM | TRIANGULAR | 0 | .15 | .6 | | | | |
| 19 | DROOT | UNIFORM | .3 | 4 | | | | | |
| 20 | YV (1) | TRUNCATED LOGNORMAL-N | .56 | .48 | .001 | .999 | | | |
| 21 | WLAM | TRIANGULAR | 5.1 | 18 | 84 | | | | |
| 22 | RWET (2) | TRIANGULAR | .06 | .67 | .95 | | | | |

| Nuclide (j) | Peak Time | Peak Dose | DOSE (j, t), mrem/yr | | | | | | | | |
|----------------|--------------|--------------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | | t= | 0.00E+00 | 1.00E+00 | 3.00E+00 | 1.00E+01 | 3.00E+01 | 1.00E+02 | 3.00E+02 | 1.00E+03 |
| ----- | | | | | | | | | | | |
| Pb-210 | | | | | | | | | | | |
| Min | 0.00E+00 | 2.63E-01 | 2.63E-01 | 2.55E-01 | 2.40E-01 | 1.93E-01 | 1.03E-01 | 1.17E-02 | 2.34E-05 | 5.25E-16 | |
| Max | 0.00E+00 | 1.92E+01 | 1.92E+01 | 1.86E+01 | 1.75E+01 | 1.41E+01 | 7.55E+00 | 8.57E-01 | 1.71E-03 | 6.07E-13 | |
| Avg | 0.00E+00 | 3.00E+00 | 3.00E+00 | 2.91E+00 | 2.73E+00 | 2.20E+00 | 1.18E+00 | 1.33E-01 | 2.63E-04 | 9.34E-14 | |
| Std | 0.00E+00 | 2.95E+00 | 2.95E+00 | 2.86E+00 | 2.68E+00 | 2.16E+00 | 1.16E+00 | 1.31E-01 | 2.59E-04 | 9.38E-14 | |
| Ra-226 | | | | | | | | | | | |
| Min | 9.86E+00 | 3.55E+00 | 2.83E+00 | 2.87E+00 | 2.93E+00 | 3.13E+00 | 3.48E+00 | 3.54E+00 | 3.26E+00 | 1.20E+00 | |
| Max | 1.32E+02 | 6.12E+01 | 6.09E+01 | 6.10E+01 | 6.10E+01 | 6.11E+01 | 6.12E+01 | 5.99E+01 | 5.50E+01 | 4.06E+01 | |
| Avg | 8.88E+01 | 1.05E+01 | 8.02E+00 | 8.11E+00 | 8.28E+00 | 8.79E+00 | 9.72E+00 | 1.04E+01 | 9.66E+00 | 7.06E+00 | |
| Std | 2.44E+01 | 6.71E+00 | 6.21E+00 | 6.21E+00 | 6.22E+00 | 6.26E+00 | 6.45E+00 | 6.63E+00 | 6.13E+00 | 4.51E+00 | |
| -ALL | | | | | | | | | | | |
| Min | 0.00E+00 | 3.71E+00 | 3.71E+00 | 3.71E+00 | 3.71E+00 | 3.70E+00 | 3.67E+00 | 3.56E+00 | 3.26E+00 | 1.20E+00 | |
| Max | 1.81E-01 | 6.26E+01 | 6.26E+01 | 6.26E+01 | 6.25E+01 | 6.23E+01 | 6.18E+01 | 6.00E+01 | 5.50E+01 | 4.06E+01 | |
| Avg | 6.03E-04 | 1.10E+01 | 1.10E+01 | 1.10E+01 | 1.10E+01 | 1.10E+01 | 1.09E+01 | 1.06E+01 | 9.66E+00 | 7.06E+00 | |
| Std | 1.04E-02 | 6.97E+00 | 6.97E+00 | 6.97E+00 | 6.97E+00 | 6.95E+00 | 6.90E+00 | 6.69E+00 | 6.13E+00 | 4.51E+00 | |
| ===== | | | | | | | | | | | |

-ALL is total dose summed for all nuclides.

0 Probabilistic Risk Summary

| 0Nuclide (j) | t= | 0.00E+00 | 1.00E+00 | 3.00E+00 | 1.00E+01 | 3.00E+01 | 1.00E+02 | 3.00E+02 | 1.00E+03 |
|--------------|----|----------|----------|----------|----------|----------|----------|----------|----------|
| ----- | | | | | | | | | |
| Pb-210 | | | | | | | | | |
| Min | | 3.80E-06 | 3.69E-06 | 3.46E-06 | 2.79E-06 | 1.50E-06 | 1.70E-07 | 3.39E-10 | 7.59E-21 |
| Max | | 2.76E-04 | 2.68E-04 | 2.52E-04 | 2.03E-04 | 1.09E-04 | 1.23E-05 | 2.46E-08 | 8.75E-18 |
| Avg | | 4.33E-05 | 4.19E-05 | 3.94E-05 | 3.17E-05 | 1.70E-05 | 1.92E-06 | 3.78E-09 | 1.34E-18 |
| Std | | 4.25E-05 | 4.12E-05 | 3.87E-05 | 3.11E-05 | 1.67E-05 | 1.88E-06 | 3.73E-09 | 1.33E-18 |
| Ra-226 | | | | | | | | | |
| Min | | 6.10E-05 | 6.15E-05 | 6.24E-05 | 6.52E-05 | 6.91E-05 | 6.94E-05 | 6.30E-05 | 1.71E-05 |
| Max | | 7.37E-04 | 7.42E-04 | 7.42E-04 | 7.44E-04 | 7.46E-04 | 7.32E-04 | 6.72E-04 | 4.96E-04 |
| Avg | | 1.21E-04 | 1.23E-04 | 1.25E-04 | 1.32E-04 | 1.46E-04 | 1.56E-04 | 1.44E-04 | 1.05E-04 |
| Std | | 7.22E-05 | 7.27E-05 | 7.28E-05 | 7.36E-05 | 7.69E-05 | 8.09E-05 | 7.51E-05 | 5.53E-05 |
| -ALL | | | | | | | | | |
| Min | | 7.27E-05 | 7.27E-05 | 7.27E-05 | 7.25E-05 | 7.19E-05 | 6.97E-05 | 6.30E-05 | 1.71E-05 |
| Max | | 7.61E-04 | 7.65E-04 | 7.64E-04 | 7.62E-04 | 7.56E-04 | 7.33E-04 | 6.72E-04 | 4.96E-04 |
| Avg | | 1.64E-04 | 1.65E-04 | 1.65E-04 | 1.64E-04 | 1.63E-04 | 1.58E-04 | 1.44E-04 | 1.05E-04 |
| Std | | 8.49E-05 | 8.53E-05 | 8.52E-05 | 8.50E-05 | 8.44E-05 | 8.19E-05 | 7.51E-05 | 5.53E-05 |
| ===== | | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== |

-ALL is total risk summed for all nuclides.

| 0Nuclide (j) | t= | 0.00E+00 | 1.00E+00 | 3.00E+00 | 1.00E+01 | 3.00E+01 | 1.00E+02 | 3.00E+02 | 1.00E+03 |
|-----------------|----|----------|----------|----------|----------|----------|----------|----------|----------|
| ----- | | | | | | | | | |
| Pb-210 | | | | | | | | | |
| Min | | 1.38E-03 | 1.33E-03 | 1.24E-03 | 9.67E-04 | 4.73E-04 | 3.86E-05 | 3.01E-08 | 3.99E-19 |
| Max | | 1.39E-03 | 1.34E-03 | 1.26E-03 | 1.02E-03 | 5.45E-04 | 6.19E-05 | 1.24E-07 | 4.39E-17 |
| Avg | | 1.39E-03 | 1.34E-03 | 1.26E-03 | 1.01E-03 | 5.44E-04 | 6.12E-05 | 1.20E-07 | 4.10E-17 |
| Std | | 3.28E-07 | 9.56E-07 | 2.09E-06 | 4.99E-06 | 7.52E-06 | 2.51E-06 | 1.14E-08 | 7.37E-18 |
| Ra-226 | | | | | | | | | |
| Min | | 2.53E+00 | 2.53E+00 | 2.52E+00 | 2.48E+00 | 2.36E+00 | 2.01E+00 | 1.26E+00 | 2.47E-01 |
| Max | | 2.54E+00 | 2.53E+00 | 2.53E+00 | 2.53E+00 | 2.50E+00 | 2.43E+00 | 2.23E+00 | 1.65E+00 |
| Avg | | 2.54E+00 | 2.53E+00 | 2.53E+00 | 2.52E+00 | 2.50E+00 | 2.42E+00 | 2.22E+00 | 1.62E+00 |
| Std | | 1.47E-04 | 4.40E-04 | 1.02E-03 | 3.04E-03 | 8.62E-03 | 2.60E-02 | 6.09E-02 | 9.68E-02 |
| -ALL | | | | | | | | | |
| Min | | 2.53E+00 | 2.53E+00 | 2.52E+00 | 2.48E+00 | 2.36E+00 | 2.01E+00 | 1.26E+00 | 2.47E-01 |
| Max | | 2.54E+00 | 2.54E+00 | 2.53E+00 | 2.53E+00 | 2.50E+00 | 2.43E+00 | 2.23E+00 | 1.65E+00 |
| Avg | | 2.54E+00 | 2.54E+00 | 2.53E+00 | 2.53E+00 | 2.50E+00 | 2.42E+00 | 2.22E+00 | 1.62E+00 |
| Std | | 1.47E-04 | 4.40E-04 | 1.02E-03 | 3.04E-03 | 8.62E-03 | 2.60E-02 | 6.09E-02 | 9.68E-02 |
| ===== | | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== |

-ALL is total pathway dose summed for all nuclides.

| 0Nuclide (j) | t= | 0.00E+00 | 1.00E+00 | 3.00E+00 | 1.00E+01 | 3.00E+01 | 1.00E+02 | 3.00E+02 | 1.00E+03 |
|-----------------|----|----------|----------|----------|----------|----------|----------|----------|----------|
| ----- | | | | | | | | | |
| Pb-210 | | | | | | | | | |
| Min | | 9.45E-06 | 9.16E-06 | 8.61E-06 | 6.93E-06 | 3.72E-06 | 4.22E-07 | 8.43E-10 | 3.45E-20 |
| Max | | 8.70E-04 | 8.43E-04 | 7.92E-04 | 6.37E-04 | 3.42E-04 | 3.89E-05 | 7.76E-08 | 2.76E-17 |
| Avg | | 1.47E-04 | 1.42E-04 | 1.34E-04 | 1.07E-04 | 5.75E-05 | 6.48E-06 | 1.27E-08 | 4.33E-18 |
| Std | | 8.33E-05 | 8.07E-05 | 7.59E-05 | 6.10E-05 | 3.27E-05 | 3.71E-06 | 7.44E-09 | 2.69E-18 |
| Ra-226 | | | | | | | | | |
| Min | | 3.70E-06 | 3.99E-06 | 4.54E-06 | 6.20E-06 | 9.33E-06 | 1.22E-05 | 1.15E-05 | 8.06E-06 |
| Max | | 3.41E-04 | 3.67E-04 | 4.18E-04 | 5.71E-04 | 8.60E-04 | 1.13E-03 | 1.07E-03 | 7.93E-04 |
| Avg | | 5.75E-05 | 6.19E-05 | 7.04E-05 | 9.62E-05 | 1.45E-04 | 1.90E-04 | 1.80E-04 | 1.31E-04 |
| Std | | 3.26E-05 | 3.52E-05 | 4.00E-05 | 5.47E-05 | 8.23E-05 | 1.08E-04 | 1.03E-04 | 7.53E-05 |
| -ALL | | | | | | | | | |
| Min | | 1.32E-05 | 1.32E-05 | 1.32E-05 | 1.31E-05 | 1.31E-05 | 1.27E-05 | 1.15E-05 | 8.06E-06 |
| Max | | 1.21E-03 | 1.21E-03 | 1.21E-03 | 1.21E-03 | 1.20E-03 | 1.17E-03 | 1.07E-03 | 7.93E-04 |
| Avg | | 2.04E-04 | 2.04E-04 | 2.04E-04 | 2.04E-04 | 2.02E-04 | 1.97E-04 | 1.80E-04 | 1.31E-04 |
| Std | | 1.16E-04 | 1.16E-04 | 1.16E-04 | 1.16E-04 | 1.15E-04 | 1.12E-04 | 1.03E-04 | 7.53E-05 |
| ===== | | | | | | | | | |

-ALL is total pathway dose summed for all nuclides.

| 0Nuclide (j) | t= | 0.00E+00 | 1.00E+00 | 3.00E+00 | 1.00E+01 | 3.00E+01 | 1.00E+02 | 3.00E+02 | 1.00E+03 |
|----------------------|-----|----------|----------|----------|----------|----------|----------|----------|----------|
| ----- | | | | | | | | | |
| DOSE(i,j,t), mrem/yr | | | | | | | | | |
| Pb-210 | Min | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| | Max | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| | Avg | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| | Std | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Ra-226 | Min | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| | Max | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| | Avg | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| | Std | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| -ALL | Min | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| | Max | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| | Avg | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| | Std | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| ===== | | | | | | | | | |

-ALL is total pathway dose summed for all nuclides.

| 0Nuclide (j) | t= | 0.00E+00 | 1.00E+00 | 3.00E+00 | 1.00E+01 | 3.00E+01 | 1.00E+02 | 3.00E+02 | 1.00E+03 |
|-----------------|----|----------|----------|----------|----------|----------|----------|----------|----------|
| ----- | | | | | | | | | |
| Pb-210 | | | | | | | | | |
| Min | | 1.48E-01 | 1.44E-01 | 1.35E-01 | 1.09E-01 | 5.83E-02 | 6.61E-03 | 1.32E-05 | 4.53E-16 |
| Max | | 1.90E+01 | 1.85E+01 | 1.73E+01 | 1.40E+01 | 7.49E+00 | 8.51E-01 | 1.70E-03 | 6.03E-13 |
| Avg | | 2.86E+00 | 2.77E+00 | 2.60E+00 | 2.09E+00 | 1.12E+00 | 1.26E-01 | 2.48E-04 | 8.49E-14 |
| Std | | 2.94E+00 | 2.85E+00 | 2.68E+00 | 2.15E+00 | 1.16E+00 | 1.31E-01 | 2.58E-04 | 8.97E-14 |
| Ra-226 | | | | | | | | | |
| Min | | 2.63E-01 | 2.94E-01 | 3.53E-01 | 5.33E-01 | 8.65E-01 | 9.63E-01 | 8.97E-01 | 6.61E-01 |
| Max | | 5.81E+01 | 5.82E+01 | 5.82E+01 | 5.83E+01 | 5.83E+01 | 5.71E+01 | 5.24E+01 | 3.87E+01 |
| Avg | | 5.43E+00 | 5.52E+00 | 5.68E+00 | 6.17E+00 | 7.08E+00 | 7.83E+00 | 7.27E+00 | 5.32E+00 |
| Std | | 6.19E+00 | 6.19E+00 | 6.20E+00 | 6.24E+00 | 6.43E+00 | 6.61E+00 | 6.11E+00 | 4.49E+00 |
| -ALL | | | | | | | | | |
| Min | | 1.02E+00 | 1.02E+00 | 1.02E+00 | 1.01E+00 | 1.01E+00 | 9.79E-01 | 8.97E-01 | 6.61E-01 |
| Max | | 5.97E+01 | 5.97E+01 | 5.96E+01 | 5.94E+01 | 5.89E+01 | 5.72E+01 | 5.24E+01 | 3.87E+01 |
| Avg | | 8.29E+00 | 8.29E+00 | 8.28E+00 | 8.26E+00 | 8.20E+00 | 7.96E+00 | 7.27E+00 | 5.32E+00 |
| Std | | 6.95E+00 | 6.95E+00 | 6.95E+00 | 6.93E+00 | 6.87E+00 | 6.67E+00 | 6.11E+00 | 4.49E+00 |
| ===== | | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== |

-ALL is total pathway dose summed for all nuclides.

| 0Nuclide (j) | t= | 0.00E+00 | 1.00E+00 | 3.00E+00 | 1.00E+01 | 3.00E+01 | 1.00E+02 | 3.00E+02 | 1.00E+03 |
|-----------------|----|----------|----------|----------|----------|----------|----------|----------|----------|
| ----- | | | | | | | | | |
| Pb-210 | | | | | | | | | |
| Min | | 1.47E-03 | 1.42E-03 | 1.34E-03 | 1.08E-03 | 5.78E-04 | 6.53E-05 | 1.29E-07 | 5.29E-18 |
| Max | | 7.33E-02 | 7.10E-02 | 6.68E-02 | 5.37E-02 | 2.88E-02 | 3.27E-03 | 6.53E-06 | 2.31E-15 |
| Avg | | 1.58E-02 | 1.53E-02 | 1.44E-02 | 1.16E-02 | 6.20E-03 | 6.98E-04 | 1.37E-06 | 4.66E-16 |
| Std | | 1.19E-02 | 1.16E-02 | 1.09E-02 | 8.75E-03 | 4.69E-03 | 5.29E-04 | 1.05E-06 | 3.74E-16 |
| Ra-226 | | | | | | | | | |
| Min | | 5.79E-04 | 8.40E-04 | 1.34E-03 | 2.49E-03 | 3.84E-03 | 4.51E-03 | 4.21E-03 | 3.05E-03 |
| Max | | 1.18E-01 | 1.18E-01 | 1.19E-01 | 1.22E-01 | 1.28E-01 | 1.31E-01 | 1.21E-01 | 8.93E-02 |
| Avg | | 8.77E-03 | 9.26E-03 | 1.02E-02 | 1.30E-02 | 1.82E-02 | 2.30E-02 | 2.16E-02 | 1.58E-02 |
| Std | | 1.07E-02 | 1.07E-02 | 1.08E-02 | 1.13E-02 | 1.31E-02 | 1.54E-02 | 1.45E-02 | 1.07E-02 |
| -ALL | | | | | | | | | |
| Min | | 4.80E-03 | 4.80E-03 | 4.80E-03 | 4.79E-03 | 4.75E-03 | 4.62E-03 | 4.21E-03 | 3.05E-03 |
| Max | | 1.38E-01 | 1.38E-01 | 1.38E-01 | 1.37E-01 | 1.36E-01 | 1.32E-01 | 1.21E-01 | 8.93E-02 |
| Avg | | 2.46E-02 | 2.46E-02 | 2.46E-02 | 2.45E-02 | 2.44E-02 | 2.37E-02 | 2.16E-02 | 1.58E-02 |
| Std | | 1.64E-02 | 1.64E-02 | 1.64E-02 | 1.64E-02 | 1.63E-02 | 1.58E-02 | 1.45E-02 | 1.07E-02 |
| ===== | | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== |

-ALL is total pathway dose summed for all nuclides.

| 0Nuclide (j) | t= | 0.00E+00 | 1.00E+00 | 3.00E+00 | 1.00E+01 | 3.00E+01 | 1.00E+02 | 3.00E+02 | 1.00E+03 |
|----------------------|----|----------|----------|----------|----------|----------|----------|----------|----------|
| DOSE(i,j,t), mrem/yr | | | | | | | | | |
| ----- | | | | | | | | | |
| Pb-210 | | | | | | | | | |
| Min | | 1.69E-03 | 1.64E-03 | 1.54E-03 | 1.24E-03 | 6.60E-04 | 7.34E-05 | 1.38E-07 | 1.56E-17 |
| Max | | 1.62E-01 | 1.57E-01 | 1.47E-01 | 1.18E-01 | 6.35E-02 | 7.17E-03 | 1.41E-05 | 4.74E-15 |
| Avg | | 2.45E-02 | 2.37E-02 | 2.23E-02 | 1.79E-02 | 9.58E-03 | 1.08E-03 | 2.10E-06 | 7.14E-16 |
| Std | | 2.52E-02 | 2.45E-02 | 2.30E-02 | 1.85E-02 | 9.88E-03 | 1.11E-03 | 2.19E-06 | 7.64E-16 |
| Ra-226 | | | | | | | | | |
| Min | | 3.34E-03 | 3.40E-03 | 3.52E-03 | 3.89E-03 | 4.57E-03 | 5.15E-03 | 4.78E-03 | 2.76E-03 |
| Max | | 1.63E-01 | 1.63E-01 | 1.64E-01 | 1.65E-01 | 1.66E-01 | 1.70E-01 | 1.63E-01 | 1.20E-01 |
| Avg | | 2.26E-02 | 2.34E-02 | 2.48E-02 | 2.90E-02 | 3.70E-02 | 4.41E-02 | 4.13E-02 | 3.02E-02 |
| Std | | 1.83E-02 | 1.84E-02 | 1.85E-02 | 1.96E-02 | 2.38E-02 | 2.94E-02 | 2.77E-02 | 2.03E-02 |
| -ALL | | | | | | | | | |
| Min | | 5.46E-03 | 5.46E-03 | 5.46E-03 | 5.44E-03 | 5.40E-03 | 5.24E-03 | 4.78E-03 | 2.76E-03 |
| Max | | 1.84E-01 | 1.84E-01 | 1.84E-01 | 1.83E-01 | 1.82E-01 | 1.78E-01 | 1.63E-01 | 1.20E-01 |
| Avg | | 4.71E-02 | 4.70E-02 | 4.70E-02 | 4.69E-02 | 4.66E-02 | 4.52E-02 | 4.13E-02 | 3.02E-02 |
| Std | | 3.15E-02 | 3.15E-02 | 3.14E-02 | 3.14E-02 | 3.12E-02 | 3.03E-02 | 2.77E-02 | 2.03E-02 |
| ===== | | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== |

-ALL is total pathway dose summed for all nuclides.

| 0Nuclide (j) | t= | 0.00E+00 | 1.00E+00 | 3.00E+00 | 1.00E+01 | 3.00E+01 | 1.00E+02 | 3.00E+02 | 1.00E+03 |
|-----------------|----|----------|----------|----------|----------|----------|----------|----------|----------|
| ----- | | | | | | | | | |
| Pb-210 | | | | | | | | | |
| Min | | 1.01E-01 | 9.79E-02 | 9.11E-02 | 7.09E-02 | 3.47E-02 | 2.83E-03 | 2.21E-06 | 2.93E-17 |
| Max | | 1.02E-01 | 9.86E-02 | 9.27E-02 | 7.45E-02 | 4.00E-02 | 4.54E-03 | 9.07E-06 | 3.22E-15 |
| Avg | | 1.02E-01 | 9.86E-02 | 9.26E-02 | 7.44E-02 | 3.99E-02 | 4.49E-03 | 8.82E-06 | 3.01E-15 |
| Std | | 2.41E-05 | 7.01E-05 | 1.53E-04 | 3.66E-04 | 5.52E-04 | 1.84E-04 | 8.36E-07 | 5.41E-16 |
| Ra-226 | | | | | | | | | |
| Min | | 2.03E-02 | 2.34E-02 | 2.92E-02 | 4.67E-02 | 7.76E-02 | 9.83E-02 | 6.48E-02 | 1.27E-02 |
| Max | | 2.03E-02 | 2.34E-02 | 2.94E-02 | 4.74E-02 | 8.13E-02 | 1.14E-01 | 1.08E-01 | 8.01E-02 |
| Avg | | 2.03E-02 | 2.34E-02 | 2.94E-02 | 4.73E-02 | 8.12E-02 | 1.13E-01 | 1.08E-01 | 7.86E-02 |
| Std | | 1.17E-06 | 4.04E-06 | 1.30E-05 | 7.80E-05 | 4.16E-04 | 1.49E-03 | 3.01E-03 | 4.72E-03 |
| -ALL | | | | | | | | | |
| Min | | 1.22E-01 | 1.21E-01 | 1.20E-01 | 1.18E-01 | 1.12E-01 | 1.03E-01 | 6.48E-02 | 1.27E-02 |
| Max | | 1.22E-01 | 1.22E-01 | 1.22E-01 | 1.22E-01 | 1.21E-01 | 1.18E-01 | 1.08E-01 | 8.01E-02 |
| Avg | | 1.22E-01 | 1.22E-01 | 1.22E-01 | 1.22E-01 | 1.21E-01 | 1.18E-01 | 1.08E-01 | 7.86E-02 |
| Std | | 2.43E-05 | 7.19E-05 | 1.62E-04 | 4.34E-04 | 9.42E-04 | 1.64E-03 | 3.01E-03 | 4.72E-03 |
| ===== | | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== |

-ALL is total pathway dose summed for all nuclides.

| 0Nuclide (j) | t= | 0.00E+00 | 1.00E+00 | 3.00E+00 | 1.00E+01 | 3.00E+01 | 1.00E+02 | 3.00E+02 | 1.00E+03 |
|-----------------|----|----------|----------|----------|----------|----------|----------|----------|----------|
| ----- | | | | | | | | | |
| Pb-210 | | | | | | | | | |
| Min | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Max | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.68E-03 | 4.05E-02 | 2.53E-04 | 3.47E-13 |
| Avg | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.89E-05 | 1.63E-04 | 1.29E-06 | 3.23E-15 |
| Std | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-04 | 2.38E-03 | 1.54E-05 | 2.52E-14 |
| Ra-226 | | | | | | | | | |
| Min | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Max | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-04 | 1.10E-01 | 1.53E-01 | 1.14E-01 |
| Avg | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-07 | 4.02E-04 | 6.19E-04 | 6.59E-04 |
| Std | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.82E-06 | 6.38E-03 | 8.89E-03 | 6.86E-03 |
| -ALL | | | | | | | | | |
| Min | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Max | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.78E-03 | 1.51E-01 | 1.53E-01 | 1.14E-01 |
| Avg | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.93E-05 | 5.64E-04 | 6.20E-04 | 6.59E-04 |
| Std | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.33E-04 | 8.75E-03 | 8.91E-03 | 6.86E-03 |
| ===== | | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== |

-ALL is total pathway dose summed for all nuclides.

| 0Nuclide (j) | t= | 0.00E+00 | 1.00E+00 | 3.00E+00 | 1.00E+01 | 3.00E+01 | 1.00E+02 | 3.00E+02 | 1.00E+03 |
|-----------------|----|----------|----------|----------|----------|----------|----------|----------|----------|
| ----- | | | | | | | | | |
| Pb-210 | | | | | | | | | |
| Min | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Max | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.06E-03 | 1.49E-02 | 9.31E-05 | 6.60E-14 |
| Avg | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.85E-06 | 5.70E-05 | 5.43E-07 | 9.05E-16 |
| Std | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.19E-04 | 8.65E-04 | 5.90E-06 | 5.89E-15 |
| Ra-226 | | | | | | | | | |
| Min | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Max | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.61E-05 | 4.06E-02 | 5.62E-02 | 4.19E-02 |
| Avg | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.20E-07 | 1.43E-04 | 2.34E-04 | 3.19E-04 |
| Std | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.08E-06 | 2.34E-03 | 3.27E-03 | 2.95E-03 |
| -ALL | | | | | | | | | |
| Min | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Max | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.09E-03 | 5.55E-02 | 5.63E-02 | 4.19E-02 |
| Avg | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.97E-06 | 2.00E-04 | 2.35E-04 | 3.19E-04 |
| Std | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.21E-04 | 3.20E-03 | 3.27E-03 | 2.95E-03 |
| ===== | | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== |

-ALL is total pathway dose summed for all nuclides.

| 0Nuclide (j) | t= | 0.00E+00 | 1.00E+00 | 3.00E+00 | 1.00E+01 | 3.00E+01 | 1.00E+02 | 3.00E+02 | 1.00E+03 |
|----------------------|-----|----------|----------|----------|----------|----------|----------|----------|----------|
| ----- | | | | | | | | | |
| DOSE(i,j,t), mrem/yr | | | | | | | | | |
| Pb-210 | Min | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| | Max | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| | Avg | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| | Std | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Ra-226 | Min | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| | Max | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| | Avg | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| | Std | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| -ALL | Min | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| | Max | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| | Avg | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| | Std | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| ===== | | | | | | | | | |

-ALL is total pathway dose summed for all nuclides.

| 0Nuclide (j) | t= | 0.00E+00 | 1.00E+00 | 3.00E+00 | 1.00E+01 | 3.00E+01 | 1.00E+02 | 3.00E+02 | 1.00E+03 |
|-----------------|----|----------|----------|----------|----------|----------|----------|----------|----------|
| ----- | | | | | | | | | |
| Pb-210 | | | | | | | | | |
| Min | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Max | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.67E-04 | 3.38E-03 | 2.11E-05 | 1.50E-14 |
| Avg | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-06 | 1.24E-05 | 8.77E-08 | 1.55E-16 |
| Std | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.69E-05 | 1.96E-04 | 1.23E-06 | 1.19E-15 |
| Ra-226 | | | | | | | | | |
| Min | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Max | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.21E-06 | 9.21E-03 | 1.28E-02 | 9.51E-03 |
| Avg | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.74E-08 | 3.20E-05 | 4.69E-05 | 4.54E-05 |
| Std | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.73E-07 | 5.31E-04 | 7.37E-04 | 5.58E-04 |
| -ALL | | | | | | | | | |
| Min | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Max | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.75E-04 | 1.26E-02 | 1.28E-02 | 9.51E-03 |
| Avg | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-06 | 4.44E-05 | 4.70E-05 | 4.54E-05 |
| Std | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.74E-05 | 7.27E-04 | 7.38E-04 | 5.58E-04 |
| ===== | | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== |

-ALL is total pathway dose summed for all nuclides.

| 0Nuclide (j) | t= | 0.00E+00 | 1.00E+00 | 3.00E+00 | 1.00E+01 | 3.00E+01 | 1.00E+02 | 3.00E+02 | 1.00E+03 |
|-----------------|----|----------|----------|----------|----------|----------|----------|----------|----------|
| ----- | | | | | | | | | |
| Pb-210 | | | | | | | | | |
| Min | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Max | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.61E-06 | 5.19E-05 | 3.24E-07 | 2.30E-16 |
| Avg | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.20E-08 | 2.00E-07 | 1.46E-09 | 2.33E-18 |
| Std | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-07 | 3.02E-06 | 1.93E-08 | 1.95E-17 |
| Ra-226 | | | | | | | | | |
| Min | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Max | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.09E-07 | 1.41E-04 | 1.95E-04 | 1.46E-04 |
| Avg | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.62E-10 | 5.02E-07 | 7.42E-07 | 6.26E-07 |
| Std | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.26E-09 | 8.14E-06 | 1.13E-05 | 8.47E-06 |
| -ALL | | | | | | | | | |
| Min | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Max | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.72E-06 | 1.93E-04 | 1.96E-04 | 1.46E-04 |
| Avg | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.24E-08 | 7.02E-07 | 7.43E-07 | 6.26E-07 |
| Std | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.87E-07 | 1.12E-05 | 1.13E-05 | 8.47E-06 |
| ===== | | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== |

-ALL is total pathway dose summed for all nuclides.

| 0Nuclide (j) | t= | 0.00E+00 | 1.00E+00 | 3.00E+00 | 1.00E+01 | 3.00E+01 | 1.00E+02 | 3.00E+02 | 1.00E+03 |
|-----------------|----|----------|----------|----------|----------|----------|----------|----------|----------|
| ----- | | | | | | | | | |
| Pb-210 | | | | | | | | | |
| Min | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Max | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.76E-06 | 4.19E-05 | 3.48E-07 | 7.98E-16 |
| Avg | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.92E-08 | 2.62E-07 | 2.25E-09 | 6.17E-18 |
| Std | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.32E-07 | 3.18E-06 | 2.52E-08 | 5.37E-17 |
| Ra-226 | | | | | | | | | |
| Min | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Max | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.01E-07 | 1.14E-04 | 1.58E-04 | 1.18E-04 |
| Avg | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.37E-10 | 5.30E-07 | 8.83E-07 | 1.02E-06 |
| Std | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.84E-09 | 7.04E-06 | 1.06E-05 | 8.64E-06 |
| -ALL | | | | | | | | | |
| Min | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| Max | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.87E-06 | 1.56E-04 | 1.58E-04 | 1.18E-04 |
| Avg | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.96E-08 | 7.92E-07 | 8.85E-07 | 1.02E-06 |
| Std | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.38E-07 | 1.01E-05 | 1.06E-05 | 8.64E-06 |
| ===== | | ===== | ===== | ===== | ===== | ===== | ===== | ===== | ===== |

-ALL is total pathway dose summed for all nuclides.

| Cumulative Probability | Dose (t), mrem/yr | | | | | | | | |
|---------------------------|-------------------|----------|----------|----------|----------|----------|----------|----------|--|
| | t= 0.00E+00 | 1.00E+00 | 3.00E+00 | 1.00E+01 | 3.00E+01 | 1.00E+02 | 3.00E+02 | 1.00E+03 | |
| 0.025 | 4.46E+00 | 4.46E+00 | 4.46E+00 | 4.45E+00 | 4.41E+00 | 4.28E+00 | 3.92E+00 | 2.85E+00 | |
| 0.050 | 4.74E+00 | 4.74E+00 | 4.73E+00 | 4.71E+00 | 4.68E+00 | 4.52E+00 | 4.14E+00 | 3.00E+00 | |
| 0.075 | 4.99E+00 | 4.98E+00 | 4.98E+00 | 4.97E+00 | 4.93E+00 | 4.79E+00 | 4.39E+00 | 3.24E+00 | |
| 0.100 | 5.43E+00 | 5.42E+00 | 5.42E+00 | 5.41E+00 | 5.37E+00 | 5.20E+00 | 4.76E+00 | 3.38E+00 | |
| 0.125 | 5.63E+00 | 5.63E+00 | 5.62E+00 | 5.61E+00 | 5.56E+00 | 5.38E+00 | 4.91E+00 | 3.53E+00 | |
| 0.150 | 5.92E+00 | 5.92E+00 | 5.91E+00 | 5.90E+00 | 5.85E+00 | 5.67E+00 | 5.20E+00 | 3.74E+00 | |
| 0.175 | 6.06E+00 | 6.05E+00 | 6.05E+00 | 6.04E+00 | 5.99E+00 | 5.81E+00 | 5.32E+00 | 3.92E+00 | |
| 0.200 | 6.40E+00 | 6.40E+00 | 6.38E+00 | 6.33E+00 | 6.27E+00 | 6.08E+00 | 5.56E+00 | 4.02E+00 | |
| 0.225 | 6.56E+00 | 6.56E+00 | 6.56E+00 | 6.54E+00 | 6.48E+00 | 6.29E+00 | 5.77E+00 | 4.22E+00 | |
| 0.250 | 6.88E+00 | 6.88E+00 | 6.88E+00 | 6.87E+00 | 6.79E+00 | 6.59E+00 | 6.01E+00 | 4.40E+00 | |
| 0.275 | 7.05E+00 | 7.05E+00 | 7.05E+00 | 7.02E+00 | 6.94E+00 | 6.74E+00 | 6.13E+00 | 4.51E+00 | |
| 0.300 | 7.25E+00 | 7.24E+00 | 7.24E+00 | 7.22E+00 | 7.17E+00 | 6.97E+00 | 6.38E+00 | 4.63E+00 | |
| 0.325 | 7.40E+00 | 7.40E+00 | 7.39E+00 | 7.37E+00 | 7.31E+00 | 7.10E+00 | 6.50E+00 | 4.75E+00 | |
| 0.350 | 7.63E+00 | 7.63E+00 | 7.62E+00 | 7.60E+00 | 7.54E+00 | 7.32E+00 | 6.68E+00 | 4.88E+00 | |
| 0.375 | 7.90E+00 | 7.90E+00 | 7.89E+00 | 7.87E+00 | 7.81E+00 | 7.53E+00 | 6.90E+00 | 4.97E+00 | |
| 0.400 | 8.01E+00 | 8.01E+00 | 8.01E+00 | 7.98E+00 | 7.92E+00 | 7.69E+00 | 7.03E+00 | 5.15E+00 | |
| 0.425 | 8.21E+00 | 8.21E+00 | 8.20E+00 | 8.19E+00 | 8.12E+00 | 7.86E+00 | 7.17E+00 | 5.27E+00 | |
| 0.450 | 8.50E+00 | 8.49E+00 | 8.49E+00 | 8.47E+00 | 8.40E+00 | 8.17E+00 | 7.46E+00 | 5.48E+00 | |
| 0.475 | 8.85E+00 | 8.85E+00 | 8.85E+00 | 8.83E+00 | 8.77E+00 | 8.53E+00 | 7.66E+00 | 5.62E+00 | |
| 0.500 | 9.25E+00 | 9.25E+00 | 9.25E+00 | 9.23E+00 | 9.17E+00 | 8.91E+00 | 8.11E+00 | 5.88E+00 | |
| 0.525 | 9.55E+00 | 9.55E+00 | 9.54E+00 | 9.52E+00 | 9.45E+00 | 9.18E+00 | 8.33E+00 | 6.14E+00 | |
| 0.550 | 9.84E+00 | 9.84E+00 | 9.83E+00 | 9.81E+00 | 9.73E+00 | 9.41E+00 | 8.54E+00 | 6.30E+00 | |
| 0.575 | 1.01E+01 | 1.01E+01 | 1.01E+01 | 1.01E+01 | 1.00E+01 | 9.75E+00 | 8.91E+00 | 6.54E+00 | |
| 0.600 | 1.03E+01 | 1.03E+01 | 1.03E+01 | 1.03E+01 | 1.02E+01 | 9.92E+00 | 9.06E+00 | 6.67E+00 | |
| 0.625 | 1.07E+01 | 1.07E+01 | 1.07E+01 | 1.07E+01 | 1.06E+01 | 1.02E+01 | 9.39E+00 | 6.93E+00 | |
| 0.650 | 1.13E+01 | 1.13E+01 | 1.13E+01 | 1.13E+01 | 1.12E+01 | 1.08E+01 | 9.86E+00 | 7.13E+00 | |
| 0.675 | 1.16E+01 | 1.16E+01 | 1.16E+01 | 1.16E+01 | 1.15E+01 | 1.11E+01 | 1.02E+01 | 7.47E+00 | |
| 0.700 | 1.19E+01 | 1.19E+01 | 1.19E+01 | 1.19E+01 | 1.17E+01 | 1.14E+01 | 1.04E+01 | 7.64E+00 | |
| 0.725 | 1.22E+01 | 1.22E+01 | 1.21E+01 | 1.21E+01 | 1.19E+01 | 1.16E+01 | 1.06E+01 | 7.83E+00 | |
| 0.750 | 1.25E+01 | 1.25E+01 | 1.25E+01 | 1.25E+01 | 1.24E+01 | 1.20E+01 | 1.10E+01 | 8.06E+00 | |
| 0.775 | 1.31E+01 | 1.31E+01 | 1.31E+01 | 1.30E+01 | 1.29E+01 | 1.25E+01 | 1.14E+01 | 8.32E+00 | |
| 0.800 | 1.38E+01 | 1.38E+01 | 1.38E+01 | 1.37E+01 | 1.36E+01 | 1.32E+01 | 1.21E+01 | 8.93E+00 | |
| 0.825 | 1.45E+01 | 1.45E+01 | 1.45E+01 | 1.45E+01 | 1.44E+01 | 1.39E+01 | 1.28E+01 | 9.30E+00 | |
| 0.850 | 1.55E+01 | 1.55E+01 | 1.55E+01 | 1.55E+01 | 1.54E+01 | 1.50E+01 | 1.37E+01 | 1.01E+01 | |
| 0.875 | 1.76E+01 | 1.76E+01 | 1.76E+01 | 1.75E+01 | 1.74E+01 | 1.68E+01 | 1.53E+01 | 1.13E+01 | |
| 0.900 | 1.93E+01 | 1.93E+01 | 1.93E+01 | 1.93E+01 | 1.91E+01 | 1.85E+01 | 1.69E+01 | 1.22E+01 | |
| 0.925 | 2.03E+01 | 2.03E+01 | 2.02E+01 | 2.02E+01 | 2.01E+01 | 1.95E+01 | 1.78E+01 | 1.31E+01 | |
| 0.950 | 2.37E+01 | 2.37E+01 | 2.37E+01 | 2.37E+01 | 2.35E+01 | 2.28E+01 | 2.09E+01 | 1.54E+01 | |
| 0.975 | 2.63E+01 | 2.63E+01 | 2.63E+01 | 2.62E+01 | 2.60E+01 | 2.52E+01 | 2.31E+01 | 1.70E+01 | |
| 1.000 | 6.26E+01 | 6.26E+01 | 6.25E+01 | 6.23E+01 | 6.18E+01 | 6.00E+01 | 5.50E+01 | 4.06E+01 | |

RESRAD, Version 6.4 T« Limit = 180 days 06/15/2009 17:12 Page 22
Probabilistic results summary : Hematite - Uniform Ra-226+C CSM Sensitivity Ana-
lFile: C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - UNIFORM RA-226+C CSM SA.RAD
Peak of the mean dose (averaged over observations) at graphical times

| Repetition | Time of peak mean dose Years | Peak mean dose mrem/yr |
|------------|---------------------------------|---------------------------|
| 1 | 0.000E+00 | 1.096E+01 |
| 2 | 0.000E+00 | 1.097E+01 |
| 3 | 0.000E+00 | 1.114E+01 |

Coefficients for peak of mean dose time Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|------|-------|------|-------|
| | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | 20 | -0.02 | 20 | 0.00 | 10 | -0.06 | 10 | -0.02 |
| Kd of Pb-210 in Unsaturated Zone 1 | 17 | -0.04 | 17 | 0.00 | 9 | -0.07 | 9 | -0.02 |
| Kd of Pb-210 in Saturated Zone | 22 | -0.01 | 22 | 0.00 | 3 | -0.18 | 3 | -0.06 |
| Kd of Ra-226 in Contaminated Zone | 13 | 0.07 | 13 | 0.00 | 22 | -0.01 | 22 | 0.00 |
| Kd of Ra-226 in Unsaturated Zone 1 | 11 | 0.10 | 10 | 0.00 | 15 | -0.04 | 15 | -0.01 |
| Kd of Ra-226 in Saturated Zone | 14 | 0.06 | 14 | 0.00 | 19 | -0.02 | 19 | -0.01 |
| Plant transfer factor for Pb | 2 | 1.00 | 2 | 0.47 | 2 | 0.83 | 2 | 0.48 |
| Meat transfer factor for Pb | 4 | 0.87 | 4 | 0.00 | 18 | 0.02 | 18 | 0.01 |
| Milk transfer factor for Pb | 3 | 0.97 | 3 | 0.00 | 7 | -0.08 | 7 | -0.03 |
| Fish transfer factor for Pb | 19 | 0.02 | 19 | 0.00 | 16 | -0.04 | 16 | -0.01 |
| Plant transfer factor for Ra | 1 | 1.00 | 1 | 0.86 | 1 | 0.93 | 1 | 0.81 |
| Meat transfer factor for Ra | 6 | 0.65 | 6 | 0.00 | 6 | -0.09 | 6 | -0.03 |
| Milk transfer factor for Ra | 5 | 0.84 | 5 | 0.00 | 21 | -0.01 | 21 | 0.00 |
| Fish transfer factor for Ra | 16 | 0.05 | 16 | 0.00 | 12 | -0.06 | 12 | -0.02 |
| Well pumping rate | 15 | 0.05 | 15 | 0.00 | 8 | -0.07 | 8 | -0.02 |
| Mass loading for inhalation | 7 | 0.14 | 7 | 0.00 | 5 | -0.11 | 5 | -0.04 |
| Indoor dust filtration factor | 21 | -0.02 | 21 | 0.00 | 11 | -0.06 | 11 | -0.02 |
| Depth of soil mixing layer | 8 | -0.13 | 8 | 0.00 | 14 | 0.05 | 14 | 0.02 |
| Depth of roots | 9 | 0.12 | 9 | 0.00 | 4 | 0.13 | 4 | 0.04 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 12 | 0.08 | 12 | 0.00 | 20 | 0.02 | 20 | 0.01 |
| Weathering removal constant of all vegetation | 18 | -0.03 | 18 | 0.00 | 13 | -0.06 | 13 | -0.02 |
| Wet foliar interception fraction of leafy vegetables | 10 | 0.10 | 11 | 0.00 | 17 | 0.02 | 17 | 0.01 |
| R-SQUARE | | 1.00 | | 1.00 | | 0.89 | | 0.89 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak of mean dose time Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|------|-------|------|-------|
| | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | 17 | 0.08 | 15 | 0.00 | 19 | -0.06 | 19 | -0.02 |
| Kd of Pb-210 in Unsaturated Zone 1 | 14 | -0.09 | 12 | 0.00 | 21 | -0.02 | 21 | -0.01 |
| Kd of Pb-210 in Saturated Zone | 22 | 0.01 | 22 | 0.00 | 9 | 0.12 | 9 | 0.04 |
| Kd of Ra-226 in Contaminated Zone | 20 | 0.02 | 20 | 0.00 | 5 | -0.16 | 5 | -0.05 |
| Kd of Ra-226 in Unsaturated Zone 1 | 21 | -0.02 | 21 | 0.00 | 17 | 0.08 | 17 | 0.02 |
| Kd of Ra-226 in Saturated Zone | 19 | -0.05 | 19 | 0.00 | 8 | 0.14 | 8 | 0.04 |
| Plant transfer factor for Pb | 2 | 1.00 | 2 | 0.42 | 2 | 0.85 | 2 | 0.49 |
| Meat transfer factor for Pb | 4 | 0.77 | 4 | 0.00 | 4 | 0.18 | 4 | 0.06 |
| Milk transfer factor for Pb | 3 | 0.95 | 3 | 0.00 | 14 | -0.10 | 14 | -0.03 |
| Fish transfer factor for Pb | 16 | 0.08 | 17 | 0.00 | 3 | -0.20 | 3 | -0.06 |
| Plant transfer factor for Ra | 1 | 1.00 | 1 | 0.85 | 1 | 0.94 | 1 | 0.82 |
| Meat transfer factor for Ra | 6 | 0.71 | 6 | 0.00 | 22 | -0.02 | 22 | -0.01 |
| Milk transfer factor for Ra | 5 | 0.73 | 5 | 0.00 | 13 | 0.10 | 13 | 0.03 |
| Fish transfer factor for Ra | 11 | 0.09 | 10 | 0.00 | 15 | -0.10 | 15 | -0.03 |
| Well pumping rate | 15 | -0.09 | 16 | 0.00 | 6 | 0.16 | 6 | 0.05 |
| Mass loading for inhalation | 18 | -0.07 | 18 | 0.00 | 18 | -0.08 | 18 | -0.02 |
| Indoor dust filtration factor | 10 | -0.10 | 11 | 0.00 | 12 | 0.11 | 12 | 0.03 |
| Depth of soil mixing layer | 12 | 0.09 | 13 | 0.00 | 10 | -0.11 | 10 | -0.03 |
| Depth of roots | 9 | -0.12 | 9 | 0.00 | 7 | 0.15 | 7 | 0.05 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 13 | -0.09 | 14 | 0.00 | 16 | 0.08 | 16 | 0.03 |
| Weathering removal constant of all vegetation | 8 | -0.15 | 8 | 0.00 | 20 | -0.03 | 20 | -0.01 |
| Wet foliar interception fraction of leafy vegetables | 7 | 0.16 | 7 | 0.00 | 11 | 0.11 | 11 | 0.03 |
| R-SQUARE | | 1.00 | | 1.00 | | 0.91 | | 0.91 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak of mean dose time Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC 3 | | SRC 3 | | PRCC 3 | | SRRC 3 | |
|--|----------|-------|----------|-------|-----------|-------|-----------|-------|
| | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | 10 | 0.07 | 10 | 0.00 | 5 | 0.19 | 5 | 0.06 |
| Kd of Pb-210 in Unsaturated Zone 1 | 20 | 0.01 | 21 | 0.00 | 8 | -0.11 | 8 | -0.04 |
| Kd of Pb-210 in Saturated Zone | 13 | 0.04 | 13 | 0.00 | 22 | 0.00 | 22 | 0.00 |
| Kd of Ra-226 in Contaminated Zone | 21 | 0.01 | 20 | 0.00 | 9 | -0.11 | 9 | -0.03 |
| Kd of Ra-226 in Unsaturated Zone 1 | 15 | 0.04 | 15 | 0.00 | 13 | 0.05 | 13 | 0.02 |
| Kd of Ra-226 in Saturated Zone | 16 | -0.03 | 16 | 0.00 | 15 | -0.04 | 15 | -0.01 |
| Plant transfer factor for Pb | 2 | 1.00 | 2 | 0.40 | 2 | 0.86 | 2 | 0.53 |
| Meat transfer factor for Pb | 4 | 0.89 | 4 | 0.00 | 16 | -0.04 | 16 | -0.01 |
| Milk transfer factor for Pb | 3 | 0.96 | 3 | 0.00 | 4 | -0.21 | 4 | -0.06 |
| Fish transfer factor for Pb | 14 | -0.04 | 14 | 0.00 | 6 | 0.15 | 6 | 0.05 |
| Plant transfer factor for Ra | 1 | 1.00 | 1 | 0.94 | 1 | 0.93 | 1 | 0.78 |
| Meat transfer factor for Ra | 6 | 0.70 | 6 | 0.00 | 19 | 0.01 | 19 | 0.00 |
| Milk transfer factor for Ra | 5 | 0.87 | 5 | 0.00 | 20 | 0.01 | 20 | 0.00 |
| Fish transfer factor for Ra | 19 | 0.02 | 18 | 0.00 | 7 | -0.15 | 7 | -0.05 |
| Well pumping rate | 8 | 0.13 | 8 | 0.00 | 12 | -0.06 | 12 | -0.02 |
| Mass loading for inhalation | 22 | 0.01 | 22 | 0.00 | 18 | 0.02 | 18 | 0.01 |
| Indoor dust filtration factor | 9 | -0.12 | 9 | 0.00 | 14 | 0.04 | 14 | 0.01 |
| Depth of soil mixing layer | 12 | 0.05 | 12 | 0.00 | 3 | -0.21 | 3 | -0.07 |
| Depth of roots | 18 | -0.02 | 19 | 0.00 | 17 | 0.03 | 17 | 0.01 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 17 | 0.03 | 17 | 0.00 | 21 | -0.01 | 21 | 0.00 |
| Weathering removal constant of all vegetation | 11 | 0.06 | 11 | 0.00 | 10 | 0.09 | 10 | 0.03 |
| Wet foliar interception fraction of leafy vegetables | 7 | -0.13 | 7 | 0.00 | 11 | -0.08 | 11 | -0.02 |
| R-SQUARE | | 1.00 | | 1.00 | | 0.91 | | 0.91 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak All Pathways Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|------|-------|------|-------|
| | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | 21 | 0.01 | 21 | 0.00 | 9 | -0.06 | 9 | -0.02 |
| Kd of Pb-210 in Unsaturated Zone 1 | 14 | -0.11 | 14 | 0.00 | 11 | -0.06 | 10 | -0.02 |
| Kd of Pb-210 in Saturated Zone | 22 | 0.01 | 22 | 0.00 | 3 | -0.18 | 3 | -0.06 |
| Kd of Ra-226 in Contaminated Zone | 11 | 0.12 | 11 | 0.00 | 22 | -0.01 | 22 | 0.00 |
| Kd of Ra-226 in Unsaturated Zone 1 | 13 | 0.11 | 10 | 0.00 | 15 | -0.04 | 15 | -0.01 |
| Kd of Ra-226 in Saturated Zone | 18 | 0.04 | 18 | 0.00 | 19 | -0.02 | 19 | -0.01 |
| Plant transfer factor for Pb | 2 | 1.00 | 2 | 0.47 | 2 | 0.83 | 2 | 0.48 |
| Meat transfer factor for Pb | 4 | 0.86 | 4 | 0.00 | 18 | 0.02 | 18 | 0.01 |
| Milk transfer factor for Pb | 3 | 0.97 | 3 | 0.00 | 7 | -0.08 | 7 | -0.03 |
| Fish transfer factor for Pb | 15 | 0.09 | 15 | 0.00 | 16 | -0.03 | 16 | -0.01 |
| Plant transfer factor for Ra | 1 | 1.00 | 1 | 0.86 | 1 | 0.93 | 1 | 0.81 |
| Meat transfer factor for Ra | 6 | 0.63 | 6 | 0.00 | 6 | -0.09 | 6 | -0.03 |
| Milk transfer factor for Ra | 5 | 0.82 | 5 | 0.00 | 21 | -0.01 | 21 | 0.00 |
| Fish transfer factor for Ra | 16 | 0.06 | 16 | 0.00 | 12 | -0.06 | 12 | -0.02 |
| Well pumping rate | 17 | 0.06 | 17 | 0.00 | 8 | -0.07 | 8 | -0.02 |
| Mass loading for inhalation | 7 | 0.18 | 7 | 0.00 | 5 | -0.11 | 5 | -0.04 |
| Indoor dust filtration factor | 19 | -0.03 | 19 | 0.00 | 10 | -0.06 | 11 | -0.02 |
| Depth of soil mixing layer | 9 | -0.15 | 9 | 0.00 | 14 | 0.05 | 14 | 0.02 |
| Depth of roots | 8 | 0.15 | 8 | 0.00 | 4 | 0.13 | 4 | 0.04 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 10 | 0.12 | 12 | 0.00 | 20 | 0.02 | 20 | 0.01 |
| Weathering removal constant of all vegetation | 20 | -0.03 | 20 | 0.00 | 13 | -0.06 | 13 | -0.02 |
| Wet foliar interception fraction of leafy vegetables | 12 | 0.11 | 13 | 0.00 | 17 | 0.02 | 17 | 0.01 |
| R-SQUARE | | 1.00 | | 1.00 | | 0.89 | | 0.89 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak All Pathways Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|------|-------|------|-------|
| | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | 17 | 0.06 | 17 | 0.00 | 19 | -0.06 | 19 | -0.02 |
| Kd of Pb-210 in Unsaturated Zone 1 | 15 | -0.08 | 14 | 0.00 | 22 | -0.02 | 22 | -0.01 |
| Kd of Pb-210 in Saturated Zone | 21 | 0.02 | 21 | 0.00 | 9 | 0.12 | 9 | 0.04 |
| Kd of Ra-226 in Contaminated Zone | 20 | 0.05 | 20 | 0.00 | 6 | -0.16 | 6 | -0.05 |
| Kd of Ra-226 in Unsaturated Zone 1 | 22 | 0.01 | 22 | 0.00 | 17 | 0.08 | 17 | 0.02 |
| Kd of Ra-226 in Saturated Zone | 19 | -0.05 | 18 | 0.00 | 8 | 0.14 | 8 | 0.04 |
| Plant transfer factor for Pb | 2 | 1.00 | 2 | 0.42 | 2 | 0.85 | 2 | 0.49 |
| Meat transfer factor for Pb | 4 | 0.77 | 4 | 0.00 | 4 | 0.18 | 4 | 0.06 |
| Milk transfer factor for Pb | 3 | 0.95 | 3 | 0.00 | 14 | -0.10 | 14 | -0.03 |
| Fish transfer factor for Pb | 10 | 0.10 | 11 | 0.00 | 3 | -0.21 | 3 | -0.06 |
| Plant transfer factor for Ra | 1 | 1.00 | 1 | 0.85 | 1 | 0.94 | 1 | 0.82 |
| Meat transfer factor for Ra | 6 | 0.71 | 6 | 0.00 | 21 | -0.02 | 21 | -0.01 |
| Milk transfer factor for Ra | 5 | 0.73 | 5 | 0.00 | 13 | 0.10 | 13 | 0.03 |
| Fish transfer factor for Ra | 13 | 0.09 | 9 | 0.00 | 15 | -0.09 | 15 | -0.03 |
| Well pumping rate | 18 | -0.06 | 19 | 0.00 | 5 | 0.16 | 5 | 0.05 |
| Mass loading for inhalation | 14 | -0.08 | 15 | 0.00 | 18 | -0.08 | 18 | -0.02 |
| Indoor dust filtration factor | 9 | -0.10 | 10 | 0.00 | 12 | 0.11 | 12 | 0.03 |
| Depth of soil mixing layer | 11 | 0.09 | 12 | 0.00 | 10 | -0.11 | 10 | -0.03 |
| Depth of roots | 12 | -0.09 | 13 | 0.00 | 7 | 0.15 | 7 | 0.05 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 16 | -0.08 | 16 | 0.00 | 16 | 0.08 | 16 | 0.03 |
| Weathering removal constant of all vegetation | 8 | -0.14 | 8 | 0.00 | 20 | -0.03 | 20 | -0.01 |
| Wet foliar interception fraction of leafy vegetables | 7 | 0.16 | 7 | 0.00 | 11 | 0.11 | 11 | 0.03 |
| R-SQUARE | | 1.00 | | 1.00 | | 0.91 | | 0.91 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak All Pathways Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC 3 | | SRC 3 | | PRCC 3 | | SRRC 3 | |
|--|----------|-------|----------|-------|-----------|-------|-----------|-------|
| | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | 10 | 0.09 | 10 | 0.00 | 5 | 0.19 | 5 | 0.06 |
| Kd of Pb-210 in Unsaturated Zone 1 | 18 | 0.01 | 18 | 0.00 | 8 | -0.12 | 8 | -0.04 |
| Kd of Pb-210 in Saturated Zone | 14 | 0.04 | 14 | 0.00 | 22 | 0.00 | 22 | 0.00 |
| Kd of Ra-226 in Contaminated Zone | 12 | 0.06 | 11 | 0.00 | 9 | -0.11 | 9 | -0.03 |
| Kd of Ra-226 in Unsaturated Zone 1 | 11 | 0.07 | 12 | 0.00 | 13 | 0.06 | 13 | 0.02 |
| Kd of Ra-226 in Saturated Zone | 22 | -0.01 | 21 | 0.00 | 15 | -0.04 | 15 | -0.01 |
| Plant transfer factor for Pb | 2 | 1.00 | 2 | 0.40 | 2 | 0.86 | 2 | 0.53 |
| Meat transfer factor for Pb | 4 | 0.87 | 4 | 0.00 | 16 | -0.04 | 16 | -0.01 |
| Milk transfer factor for Pb | 3 | 0.96 | 3 | 0.00 | 4 | -0.21 | 4 | -0.06 |
| Fish transfer factor for Pb | 15 | -0.04 | 15 | 0.00 | 6 | 0.15 | 6 | 0.05 |
| Plant transfer factor for Ra | 1 | 1.00 | 1 | 0.94 | 1 | 0.93 | 1 | 0.78 |
| Meat transfer factor for Ra | 6 | 0.68 | 6 | 0.00 | 19 | 0.01 | 19 | 0.00 |
| Milk transfer factor for Ra | 5 | 0.85 | 5 | 0.00 | 20 | 0.01 | 20 | 0.00 |
| Fish transfer factor for Ra | 20 | 0.01 | 20 | 0.00 | 7 | -0.15 | 7 | -0.05 |
| Well pumping rate | 7 | 0.15 | 7 | 0.00 | 12 | -0.06 | 12 | -0.02 |
| Mass loading for inhalation | 17 | -0.03 | 16 | 0.00 | 18 | 0.02 | 18 | 0.01 |
| Indoor dust filtration factor | 9 | -0.12 | 9 | 0.00 | 14 | 0.04 | 14 | 0.01 |
| Depth of soil mixing layer | 13 | 0.06 | 13 | 0.00 | 3 | -0.21 | 3 | -0.07 |
| Depth of roots | 21 | -0.01 | 22 | 0.00 | 17 | 0.03 | 17 | 0.01 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 19 | 0.01 | 19 | 0.00 | 21 | -0.01 | 21 | 0.00 |
| Weathering removal constant of all vegetation | 16 | 0.03 | 17 | 0.00 | 10 | 0.09 | 10 | 0.03 |
| Wet foliar interception fraction of leafy vegetables | 8 | -0.14 | 8 | 0.00 | 11 | -0.08 | 11 | -0.02 |
| R-SQUARE | | 1.00 | | 1.00 | | 0.91 | | 0.91 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak External Ground Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|------|-------|------|-------|
| | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | 20 | 0.00 | 20 | 0.00 | 13 | 0.07 | 13 | 0.07 |
| Kd of Pb-210 in Unsaturated Zone 1 | 9 | 0.04 | 9 | 0.05 | 3 | 0.16 | 3 | 0.15 |
| Kd of Pb-210 in Saturated Zone | 17 | 0.02 | 17 | 0.02 | 12 | -0.08 | 12 | -0.07 |
| Kd of Ra-226 in Contaminated Zone | 13 | 0.04 | 12 | 0.04 | 1 | 0.21 | 1 | 0.20 |
| Kd of Ra-226 in Unsaturated Zone 1 | 8 | 0.05 | 7 | 0.06 | 9 | 0.09 | 9 | 0.08 |
| Kd of Ra-226 in Saturated Zone | 10 | 0.04 | 10 | 0.04 | 6 | 0.11 | 6 | 0.10 |
| Plant transfer factor for Pb | 4 | 0.08 | 3 | 0.09 | 2 | 0.16 | 2 | 0.15 |
| Meat transfer factor for Pb | 14 | 0.03 | 14 | 0.03 | 15 | 0.06 | 15 | 0.05 |
| Milk transfer factor for Pb | 16 | -0.02 | 16 | -0.02 | 14 | -0.07 | 14 | -0.06 |
| Fish transfer factor for Pb | 15 | -0.03 | 15 | -0.03 | 8 | -0.10 | 8 | -0.09 |
| Plant transfer factor for Ra | 2 | 0.09 | 4 | 0.09 | 5 | 0.12 | 5 | 0.11 |
| Meat transfer factor for Ra | 21 | 0.00 | 21 | 0.00 | 22 | 0.00 | 22 | 0.00 |
| Milk transfer factor for Ra | 19 | -0.01 | 19 | -0.01 | 17 | -0.05 | 17 | -0.04 |
| Fish transfer factor for Ra | 12 | 0.04 | 13 | 0.04 | 11 | 0.08 | 11 | 0.07 |
| Well pumping rate | 1 | -0.10 | 1 | -0.10 | 7 | -0.11 | 7 | -0.10 |
| Mass loading for inhalation | 18 | 0.01 | 18 | 0.01 | 21 | 0.00 | 21 | 0.00 |
| Indoor dust filtration factor | 7 | 0.05 | 8 | 0.06 | 18 | 0.04 | 18 | 0.04 |
| Depth of soil mixing layer | 3 | 0.08 | 2 | 0.09 | 10 | 0.09 | 10 | 0.08 |
| Depth of roots | 11 | -0.04 | 11 | -0.04 | 16 | -0.06 | 16 | -0.05 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 6 | -0.06 | 6 | -0.06 | 4 | -0.12 | 4 | -0.11 |
| Weathering removal constant of all vegetation | 5 | 0.06 | 5 | 0.07 | 19 | 0.03 | 19 | 0.03 |
| Wet foliar interception fraction of leafy vegetables | 22 | 0.00 | 22 | 0.00 | 20 | 0.01 | 20 | 0.01 |
| R-SQUARE | | 0.05 | | 0.05 | | 0.17 | | 0.17 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak External Ground Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|------|-------|------|-------|
| | Sig | Coef | Sig | Coef | Sig | Coef | Sig | Coef |
| Kd of Pb-210 in Contaminated Zone | 14 | -0.05 | 13 | -0.05 | 13 | -0.09 | 13 | -0.08 |
| Kd of Pb-210 in Unsaturated Zone 1 | 19 | 0.01 | 19 | 0.01 | 9 | -0.14 | 9 | -0.13 |
| Kd of Pb-210 in Saturated Zone | 16 | 0.03 | 16 | 0.03 | 3 | 0.18 | 3 | 0.16 |
| Kd of Ra-226 in Contaminated Zone | 8 | 0.08 | 9 | 0.08 | 1 | 0.22 | 1 | 0.19 |
| Kd of Ra-226 in Unsaturated Zone 1 | 11 | 0.08 | 11 | 0.07 | 10 | 0.14 | 10 | 0.12 |
| Kd of Ra-226 in Saturated Zone | 10 | 0.08 | 6 | 0.10 | 5 | 0.17 | 5 | 0.15 |
| Plant transfer factor for Pb | 2 | 0.16 | 2 | 0.15 | 14 | 0.08 | 14 | 0.07 |
| Meat transfer factor for Pb | 5 | 0.10 | 5 | 0.10 | 6 | 0.16 | 6 | 0.14 |
| Milk transfer factor for Pb | 9 | 0.08 | 10 | 0.08 | 12 | 0.12 | 12 | 0.11 |
| Fish transfer factor for Pb | 12 | 0.06 | 12 | 0.06 | 16 | 0.07 | 16 | 0.06 |
| Plant transfer factor for Ra | 20 | -0.01 | 20 | -0.01 | 8 | -0.15 | 8 | -0.13 |
| Meat transfer factor for Ra | 1 | -0.33 | 1 | -0.34 | 2 | -0.19 | 2 | -0.17 |
| Milk transfer factor for Ra | 7 | 0.09 | 8 | 0.09 | 15 | 0.08 | 15 | 0.07 |
| Fish transfer factor for Ra | 21 | 0.01 | 21 | 0.01 | 20 | 0.03 | 20 | 0.03 |
| Well pumping rate | 13 | 0.05 | 14 | 0.04 | 17 | 0.06 | 17 | 0.05 |
| Mass loading for inhalation | 4 | 0.11 | 4 | 0.11 | 11 | 0.13 | 11 | 0.11 |
| Indoor dust filtration factor | 18 | 0.02 | 18 | 0.02 | 21 | 0.03 | 21 | 0.02 |
| Depth of soil mixing layer | 15 | 0.04 | 15 | 0.04 | 19 | 0.03 | 19 | 0.03 |
| Depth of roots | 3 | -0.14 | 3 | -0.13 | 4 | -0.18 | 4 | -0.16 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 6 | 0.10 | 7 | 0.10 | 7 | 0.15 | 7 | 0.13 |
| Weathering removal constant of all vegetation | 22 | 0.00 | 22 | 0.00 | 22 | 0.02 | 22 | 0.01 |
| Wet foliar interception fraction of leafy vegetables | 17 | 0.02 | 17 | 0.02 | 18 | -0.05 | 18 | -0.04 |
| R-SQUARE | | 0.18 | | 0.18 | | 0.26 | | 0.26 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak External Ground Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|------|-------|------|-------|
| | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | 7 | 0.00 | 6 | 0.00 | 12 | 0.00 | 12 | 0.00 |
| Kd of Pb-210 in Unsaturated Zone 1 | 13 | 0.00 | 14 | 0.00 | 12 | 0.00 | 12 | 0.00 |
| Kd of Pb-210 in Saturated Zone | 4 | 0.00 | 4 | 0.00 | 12 | 0.00 | 12 | 0.00 |
| Kd of Ra-226 in Contaminated Zone | 15 | 0.00 | 15 | 0.00 | 12 | 0.00 | 12 | 0.00 |
| Kd of Ra-226 in Unsaturated Zone 1 | 20 | 0.00 | 20 | 0.00 | 12 | 0.00 | 12 | 0.00 |
| Kd of Ra-226 in Saturated Zone | 12 | 0.00 | 12 | 0.00 | 12 | 0.00 | 12 | 0.00 |
| Plant transfer factor for Pb | 21 | 0.00 | 21 | 0.00 | 12 | 0.00 | 12 | 0.00 |
| Meat transfer factor for Pb | 10 | 0.00 | 10 | 0.00 | 12 | 0.00 | 12 | 0.00 |
| Milk transfer factor for Pb | 14 | 0.00 | 13 | 0.00 | 12 | 0.00 | 12 | 0.00 |
| Fish transfer factor for Pb | 3 | 0.00 | 3 | 0.00 | 12 | 0.00 | 12 | 0.00 |
| Plant transfer factor for Ra | 8 | 0.00 | 8 | 0.00 | 12 | 0.00 | 12 | 0.00 |
| Meat transfer factor for Ra | 11 | 0.00 | 11 | 0.00 | 12 | 0.00 | 12 | 0.00 |
| Milk transfer factor for Ra | 18 | 0.00 | 18 | 0.00 | 12 | 0.00 | 12 | 0.00 |
| Fish transfer factor for Ra | 19 | 0.00 | 19 | 0.00 | 12 | 0.00 | 12 | 0.00 |
| Well pumping rate | 2 | 0.00 | 2 | 0.00 | 12 | 0.00 | 12 | 0.00 |
| Mass loading for inhalation | 5 | 0.00 | 5 | 0.00 | 12 | 0.00 | 12 | 0.00 |
| Indoor dust filtration factor | 17 | 0.00 | 17 | 0.00 | 12 | 0.00 | 12 | 0.00 |
| Depth of soil mixing layer | 9 | 0.00 | 9 | 0.00 | 12 | 0.00 | 12 | 0.00 |
| Depth of roots | 22 | 0.00 | 22 | 0.00 | 12 | 0.00 | 12 | 0.00 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 6 | 0.00 | 7 | 0.00 | 12 | 0.00 | 12 | 0.00 |
| Weathering removal constant of all vegetation | 16 | 0.00 | 16 | 0.00 | 12 | 0.00 | 12 | 0.00 |
| Wet foliar interception fraction of leafy vegetables | 1 | 0.00 | 1 | 0.00 | 12 | 0.00 | 12 | 0.00 |
| R-SQUARE | | 0.00 | | 0.00 | | 0.00 | | 0.00 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Inhalation Particles Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|------|-------|------|-------|
| | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | 13 | 0.07 | 12 | 0.02 | 16 | -0.02 | 16 | 0.00 |
| Kd of Pb-210 in Unsaturated Zone 1 | 4 | 0.18 | 4 | 0.04 | 3 | -0.28 | 3 | -0.06 |
| Kd of Pb-210 in Saturated Zone | 10 | -0.09 | 10 | -0.02 | 6 | -0.21 | 6 | -0.04 |
| Kd of Ra-226 in Contaminated Zone | 8 | -0.10 | 7 | -0.03 | 14 | 0.05 | 14 | 0.01 |
| Kd of Ra-226 in Unsaturated Zone 1 | 11 | 0.08 | 11 | 0.02 | 7 | -0.20 | 7 | -0.04 |
| Kd of Ra-226 in Saturated Zone | 22 | 0.01 | 22 | 0.00 | 22 | 0.00 | 22 | 0.00 |
| Plant transfer factor for Pb | 21 | -0.01 | 20 | 0.00 | 21 | 0.00 | 21 | 0.00 |
| Meat transfer factor for Pb | 6 | 0.17 | 5 | 0.04 | 4 | -0.25 | 4 | -0.05 |
| Milk transfer factor for Pb | 3 | -0.18 | 3 | -0.04 | 11 | 0.07 | 11 | 0.01 |
| Fish transfer factor for Pb | 19 | -0.02 | 19 | 0.00 | 20 | 0.01 | 20 | 0.00 |
| Plant transfer factor for Ra | 18 | -0.02 | 18 | 0.00 | 5 | -0.24 | 5 | -0.05 |
| Meat transfer factor for Ra | 16 | -0.03 | 16 | -0.01 | 10 | 0.08 | 10 | 0.02 |
| Milk transfer factor for Ra | 5 | 0.17 | 6 | 0.04 | 18 | 0.02 | 18 | 0.00 |
| Fish transfer factor for Ra | 15 | 0.04 | 15 | 0.01 | 13 | -0.05 | 13 | -0.01 |
| Well pumping rate | 14 | 0.06 | 14 | 0.01 | 8 | -0.12 | 8 | -0.03 |
| Mass loading for inhalation | 1 | 0.96 | 1 | 0.76 | 1 | 0.96 | 1 | 0.73 |
| Indoor dust filtration factor | 2 | 0.93 | 2 | 0.61 | 2 | 0.95 | 2 | 0.63 |
| Depth of soil mixing layer | 7 | 0.11 | 8 | 0.03 | 9 | -0.09 | 9 | -0.02 |
| Depth of roots | 9 | -0.10 | 9 | -0.02 | 19 | 0.02 | 19 | 0.00 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 20 | -0.01 | 21 | 0.00 | 17 | -0.02 | 17 | 0.00 |
| Weathering removal constant of all vegetation | 17 | -0.03 | 17 | -0.01 | 15 | -0.05 | 15 | -0.01 |
| Wet foliar interception fraction of leafy vegetables | 12 | -0.07 | 13 | -0.02 | 12 | 0.07 | 12 | 0.01 |
| R-SQUARE | | 0.95 | | 0.95 | | 0.96 | | 0.96 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

| Coefficients for peak Inhalation Particles Dose | | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| Coefficient = | | 2 | | 2 | | 2 | | 2 | |
| Repetition = | | | | | | | | | |
| Description of Probabilistic Variable | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig |
| Kd of Pb-210 in Contaminated Zone | 7 | 0.22 | 6 | 0.05 | 14 | 0.06 | 14 | 0.01 | |
| Kd of Pb-210 in Unsaturated Zone 1 | 5 | -0.34 | 4 | -0.07 | 4 | -0.15 | 4 | -0.03 | |
| Kd of Pb-210 in Saturated Zone | 3 | 0.61 | 3 | 0.16 | 16 | -0.04 | 16 | -0.01 | |
| Kd of Ra-226 in Contaminated Zone | 17 | 0.02 | 17 | 0.00 | 19 | -0.02 | 19 | 0.00 | |
| Kd of Ra-226 in Unsaturated Zone 1 | 19 | -0.02 | 19 | 0.00 | 7 | 0.09 | 7 | 0.02 | |
| Kd of Ra-226 in Saturated Zone | 12 | -0.06 | 9 | -0.02 | 13 | -0.06 | 12 | -0.01 | |
| Plant transfer factor for Pb | 16 | -0.03 | 16 | 0.00 | 22 | 0.00 | 22 | 0.00 | |
| Meat transfer factor for Pb | 18 | -0.02 | 18 | 0.00 | 12 | 0.06 | 13 | 0.01 | |
| Milk transfer factor for Pb | 13 | 0.03 | 14 | 0.01 | 11 | 0.07 | 11 | 0.02 | |
| Fish transfer factor for Pb | 11 | 0.07 | 12 | 0.01 | 5 | 0.14 | 5 | 0.03 | |
| Plant transfer factor for Ra | 9 | 0.08 | 10 | 0.02 | 10 | -0.07 | 10 | -0.02 | |
| Meat transfer factor for Ra | 21 | -0.01 | 21 | 0.00 | 18 | -0.04 | 18 | -0.01 | |
| Milk transfer factor for Ra | 22 | -0.01 | 22 | 0.00 | 6 | 0.10 | 6 | 0.02 | |
| Fish transfer factor for Ra | 15 | -0.03 | 13 | -0.01 | 17 | -0.04 | 17 | -0.01 | |
| Well pumping rate | 14 | 0.03 | 15 | 0.01 | 8 | -0.08 | 8 | -0.02 | |
| Mass loading for inhalation | 1 | 0.96 | 1 | 0.67 | 1 | 0.95 | 1 | 0.68 | |
| Indoor dust filtration factor | 2 | 0.96 | 2 | 0.64 | 2 | 0.94 | 2 | 0.65 | |
| Depth of soil mixing layer | 20 | -0.02 | 20 | 0.00 | 20 | -0.02 | 20 | 0.00 | |
| Depth of roots | 4 | -0.34 | 5 | -0.07 | 21 | -0.01 | 21 | 0.00 | |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 10 | 0.07 | 11 | 0.01 | 3 | -0.17 | 3 | -0.04 | |
| Weathering removal constant of all vegetation | 8 | -0.18 | 8 | -0.04 | 9 | 0.08 | 9 | 0.02 | |
| Wet foliar interception fraction of leafy vegetables | 6 | 0.22 | 7 | 0.05 | 15 | 0.05 | 15 | 0.01 | |
| R-SQUARE | | 0.97 | | 0.97 | | 0.95 | | 0.95 | |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Inhalation Particles Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC 3 | | SRC 3 | | PRCC 3 | | SRRC 3 | |
|--|----------|-------|----------|-------|-----------|-------|-----------|-------|
| | Sig | Coef | Sig | Coef | Sig | Coef | Sig | Coef |
| Kd of Pb-210 in Contaminated Zone | 3 | 0.57 | 3 | 0.13 | 13 | -0.09 | 13 | -0.02 |
| Kd of Pb-210 in Unsaturated Zone 1 | 21 | 0.01 | 21 | 0.00 | 21 | 0.01 | 21 | 0.00 |
| Kd of Pb-210 in Saturated Zone | 14 | -0.08 | 14 | -0.01 | 20 | -0.01 | 20 | 0.00 |
| Kd of Ra-226 in Contaminated Zone | 17 | 0.06 | 17 | 0.01 | 4 | -0.22 | 4 | -0.05 |
| Kd of Ra-226 in Unsaturated Zone 1 | 20 | -0.02 | 20 | 0.00 | 18 | -0.04 | 18 | -0.01 |
| Kd of Ra-226 in Saturated Zone | 11 | 0.10 | 10 | 0.02 | 19 | 0.04 | 19 | 0.01 |
| Plant transfer factor for Pb | 10 | 0.10 | 11 | 0.02 | 3 | -0.22 | 3 | -0.05 |
| Meat transfer factor for Pb | 6 | -0.20 | 6 | -0.03 | 9 | -0.13 | 9 | -0.03 |
| Milk transfer factor for Pb | 18 | -0.06 | 18 | -0.01 | 10 | 0.12 | 10 | 0.03 |
| Fish transfer factor for Pb | 13 | 0.09 | 13 | 0.01 | 16 | -0.05 | 16 | -0.01 |
| Plant transfer factor for Ra | 7 | 0.18 | 7 | 0.03 | 11 | -0.10 | 11 | -0.02 |
| Meat transfer factor for Ra | 16 | -0.07 | 16 | -0.01 | 5 | 0.22 | 5 | 0.05 |
| Milk transfer factor for Ra | 8 | -0.14 | 8 | -0.02 | 12 | -0.10 | 12 | -0.02 |
| Fish transfer factor for Ra | 15 | 0.08 | 15 | 0.01 | 15 | 0.05 | 15 | 0.01 |
| Well pumping rate | 19 | 0.04 | 19 | 0.01 | 6 | 0.21 | 6 | 0.05 |
| Mass loading for inhalation | 1 | 0.97 | 1 | 0.77 | 1 | 0.95 | 1 | 0.72 |
| Indoor dust filtration factor | 2 | 0.95 | 2 | 0.44 | 2 | 0.94 | 2 | 0.68 |
| Depth of soil mixing layer | 22 | 0.00 | 22 | 0.00 | 22 | 0.01 | 22 | 0.00 |
| Depth of roots | 5 | -0.26 | 5 | -0.04 | 8 | 0.14 | 8 | 0.03 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 12 | 0.09 | 12 | 0.01 | 14 | -0.06 | 14 | -0.01 |
| Weathering removal constant of all vegetation | 4 | 0.26 | 4 | 0.04 | 7 | 0.16 | 7 | 0.04 |
| Wet foliar interception fraction of leafy vegetables | 9 | -0.14 | 9 | -0.02 | 17 | 0.04 | 17 | 0.01 |
| R-SQUARE | | 0.98 | | 0.98 | | 0.94 | | 0.94 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Radon (WaterInd.) Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|------|-------|------|-------|
| | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Pb-210 in Unsaturated Zone 1 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Pb-210 in Saturated Zone | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Ra-226 in Contaminated Zone | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Ra-226 in Unsaturated Zone 1 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Ra-226 in Saturated Zone | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Plant transfer factor for Pb | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Meat transfer factor for Pb | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Milk transfer factor for Pb | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Fish transfer factor for Pb | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Plant transfer factor for Ra | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Meat transfer factor for Ra | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Milk transfer factor for Ra | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Fish transfer factor for Ra | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Well pumping rate | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Mass loading for inhalation | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Indoor dust filtration factor | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Depth of soil mixing layer | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Depth of roots | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Weathering removal constant of all vegetation | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Wet foliar interception fraction of leafy vegetables | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| R-SQUARE | | 0.00 | | 0.00 | | 0.00 | | 0.00 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Radon (WaterInd.) Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|------|-------|------|-------|
| | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Pb-210 in Unsaturated Zone 1 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Pb-210 in Saturated Zone | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Ra-226 in Contaminated Zone | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Ra-226 in Unsaturated Zone 1 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Ra-226 in Saturated Zone | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Plant transfer factor for Pb | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Meat transfer factor for Pb | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Milk transfer factor for Pb | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Fish transfer factor for Pb | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Plant transfer factor for Ra | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Meat transfer factor for Ra | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Milk transfer factor for Ra | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Fish transfer factor for Ra | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Well pumping rate | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Mass loading for inhalation | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Indoor dust filtration factor | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Depth of soil mixing layer | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Depth of roots | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Weathering removal constant of all vegetation | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Wet foliar interception fraction of leafy vegetables | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| R-SQUARE | | 0.00 | | 0.00 | | 0.00 | | 0.00 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Radon (WaterInd.) Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC 3 | | SRC 3 | | PRCC 3 | | SRRC 3 | |
|--|----------|-------|----------|-------|-----------|-------|-----------|-------|
| | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Pb-210 in Unsaturated Zone 1 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Pb-210 in Saturated Zone | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Ra-226 in Contaminated Zone | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Ra-226 in Unsaturated Zone 1 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Ra-226 in Saturated Zone | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Plant transfer factor for Pb | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Meat transfer factor for Pb | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Milk transfer factor for Pb | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Fish transfer factor for Pb | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Plant transfer factor for Ra | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Meat transfer factor for Ra | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Milk transfer factor for Ra | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Fish transfer factor for Ra | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Well pumping rate | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Mass loading for inhalation | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Indoor dust filtration factor | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Depth of soil mixing layer | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Depth of roots | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Weathering removal constant of all vegetation | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Wet foliar interception fraction of leafy vegetables | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| R-SQUARE | | 0.00 | | 0.00 | | 0.00 | | 0.00 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

| Coefficients for peak Plant (WaterInd.) Dose | | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| Coefficient = | | 1 | | 1 | | 1 | | 1 | |
| Repetition = | | | | | | | | | |
| Description of Probabilistic Variable | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig |
| Kd of Pb-210 in Contaminated Zone | 20 | 0.03 | 20 | 0.00 | 8 | -0.07 | 8 | -0.02 | |
| Kd of Pb-210 in Unsaturated Zone 1 | 15 | -0.06 | 15 | 0.00 | 10 | -0.06 | 10 | -0.02 | |
| Kd of Pb-210 in Saturated Zone | 21 | -0.03 | 21 | 0.00 | 3 | -0.18 | 3 | -0.06 | |
| Kd of Ra-226 in Contaminated Zone | 11 | 0.09 | 11 | 0.00 | 21 | 0.00 | 21 | 0.00 | |
| Kd of Ra-226 in Unsaturated Zone 1 | 10 | 0.10 | 9 | 0.00 | 16 | -0.03 | 16 | -0.01 | |
| Kd of Ra-226 in Saturated Zone | 16 | 0.05 | 16 | 0.00 | 18 | -0.02 | 18 | -0.01 | |
| Plant transfer factor for Pb | 2 | 1.00 | 2 | 0.47 | 2 | 0.83 | 2 | 0.48 | |
| Meat transfer factor for Pb | 9 | -0.11 | 10 | 0.00 | 20 | 0.01 | 20 | 0.00 | |
| Milk transfer factor for Pb | 13 | -0.07 | 13 | 0.00 | 6 | -0.10 | 6 | -0.03 | |
| Fish transfer factor for Pb | 8 | 0.12 | 8 | 0.00 | 15 | -0.04 | 15 | -0.01 | |
| Plant transfer factor for Ra | 1 | 1.00 | 1 | 0.86 | 1 | 0.93 | 1 | 0.81 | |
| Meat transfer factor for Ra | 22 | -0.01 | 22 | 0.00 | 7 | -0.09 | 7 | -0.03 | |
| Milk transfer factor for Ra | 7 | 0.13 | 7 | 0.00 | 19 | -0.01 | 19 | 0.00 | |
| Fish transfer factor for Ra | 19 | 0.03 | 19 | 0.00 | 13 | -0.06 | 13 | -0.02 | |
| Well pumping rate | 5 | -0.18 | 4 | 0.00 | 9 | -0.07 | 9 | -0.02 | |
| Mass loading for inhalation | 4 | -0.19 | 5 | 0.00 | 5 | -0.12 | 5 | -0.04 | |
| Indoor dust filtration factor | 6 | -0.17 | 6 | 0.00 | 11 | -0.06 | 11 | -0.02 | |
| Depth of soil mixing layer | 18 | -0.03 | 18 | 0.00 | 14 | 0.06 | 14 | 0.02 | |
| Depth of roots | 3 | 0.24 | 3 | 0.00 | 4 | 0.13 | 4 | 0.04 | |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 14 | 0.06 | 14 | 0.00 | 22 | 0.00 | 22 | 0.00 | |
| Weathering removal constant of all vegetation | 17 | 0.05 | 17 | 0.00 | 12 | -0.06 | 12 | -0.02 | |
| Wet foliar interception fraction of leafy vegetables | 12 | 0.07 | 12 | 0.00 | 17 | 0.02 | 17 | 0.01 | |
| R-SQUARE | | 1.00 | | 1.00 | | 0.89 | | 0.89 | |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Plant (WaterInd.) Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|------|-------|------|-------|
| | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | 12 | 0.06 | 12 | 0.00 | 19 | -0.06 | 19 | -0.02 |
| Kd of Pb-210 in Unsaturated Zone 1 | 18 | 0.01 | 18 | 0.00 | 21 | -0.02 | 21 | -0.01 |
| Kd of Pb-210 in Saturated Zone | 10 | 0.08 | 10 | 0.00 | 9 | 0.12 | 9 | 0.04 |
| Kd of Ra-226 in Contaminated Zone | 5 | 0.13 | 6 | 0.00 | 6 | -0.16 | 6 | -0.05 |
| Kd of Ra-226 in Unsaturated Zone 1 | 13 | 0.06 | 13 | 0.00 | 16 | 0.08 | 17 | 0.03 |
| Kd of Ra-226 in Saturated Zone | 4 | 0.15 | 4 | 0.00 | 8 | 0.14 | 8 | 0.04 |
| Plant transfer factor for Pb | 2 | 1.00 | 2 | 0.42 | 2 | 0.85 | 2 | 0.49 |
| Meat transfer factor for Pb | 21 | -0.01 | 21 | 0.00 | 4 | 0.18 | 4 | 0.06 |
| Milk transfer factor for Pb | 8 | -0.12 | 8 | 0.00 | 13 | -0.11 | 13 | -0.03 |
| Fish transfer factor for Pb | 20 | -0.01 | 20 | 0.00 | 3 | -0.21 | 3 | -0.06 |
| Plant transfer factor for Ra | 1 | 1.00 | 1 | 0.85 | 1 | 0.94 | 1 | 0.82 |
| Meat transfer factor for Ra | 3 | -0.32 | 3 | 0.00 | 22 | -0.01 | 22 | 0.00 |
| Milk transfer factor for Ra | 14 | -0.05 | 14 | 0.00 | 14 | 0.10 | 14 | 0.03 |
| Fish transfer factor for Ra | 6 | -0.12 | 5 | 0.00 | 15 | -0.09 | 15 | -0.03 |
| Well pumping rate | 11 | 0.07 | 11 | 0.00 | 5 | 0.17 | 5 | 0.05 |
| Mass loading for inhalation | 19 | 0.01 | 19 | 0.00 | 18 | -0.07 | 18 | -0.02 |
| Indoor dust filtration factor | 9 | -0.11 | 9 | 0.00 | 11 | 0.11 | 11 | 0.03 |
| Depth of soil mixing layer | 16 | 0.03 | 16 | 0.00 | 12 | -0.11 | 12 | -0.03 |
| Depth of roots | 7 | 0.12 | 7 | 0.00 | 7 | 0.15 | 7 | 0.05 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 15 | -0.03 | 15 | 0.00 | 17 | 0.08 | 16 | 0.03 |
| Weathering removal constant of all vegetation | 17 | -0.01 | 17 | 0.00 | 20 | -0.02 | 20 | -0.01 |
| Wet foliar interception fraction of leafy vegetables | 22 | -0.01 | 22 | 0.00 | 10 | 0.11 | 10 | 0.04 |
| R-SQUARE | | 1.00 | | 1.00 | | 0.91 | | 0.91 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Plant (WaterInd.) Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC 3 | | SRC 3 | | PRCC 3 | | SRRC 3 | |
|--|----------|-------|----------|-------|-----------|-------|-----------|-------|
| | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | 3 | 0.15 | 3 | 0.00 | 5 | 0.19 | 5 | 0.06 |
| Kd of Pb-210 in Unsaturated Zone 1 | 22 | 0.01 | 22 | 0.00 | 8 | -0.12 | 8 | -0.04 |
| Kd of Pb-210 in Saturated Zone | 19 | -0.01 | 19 | 0.00 | 21 | -0.01 | 21 | 0.00 |
| Kd of Ra-226 in Contaminated Zone | 17 | 0.03 | 17 | 0.00 | 9 | -0.11 | 9 | -0.03 |
| Kd of Ra-226 in Unsaturated Zone 1 | 10 | -0.07 | 10 | 0.00 | 13 | 0.06 | 13 | 0.02 |
| Kd of Ra-226 in Saturated Zone | 14 | 0.05 | 13 | 0.00 | 16 | -0.03 | 16 | -0.01 |
| Plant transfer factor for Pb | 2 | 1.00 | 2 | 0.40 | 2 | 0.86 | 2 | 0.53 |
| Meat transfer factor for Pb | 15 | -0.03 | 16 | 0.00 | 14 | -0.05 | 14 | -0.01 |
| Milk transfer factor for Pb | 21 | 0.01 | 21 | 0.00 | 3 | -0.22 | 3 | -0.07 |
| Fish transfer factor for Pb | 4 | -0.12 | 4 | 0.00 | 6 | 0.16 | 6 | 0.05 |
| Plant transfer factor for Ra | 1 | 1.00 | 1 | 0.94 | 1 | 0.93 | 1 | 0.78 |
| Meat transfer factor for Ra | 16 | 0.03 | 15 | 0.00 | 19 | 0.01 | 19 | 0.00 |
| Milk transfer factor for Ra | 7 | -0.09 | 8 | 0.00 | 22 | 0.00 | 22 | 0.00 |
| Fish transfer factor for Ra | 13 | 0.05 | 12 | 0.00 | 7 | -0.15 | 7 | -0.05 |
| Well pumping rate | 20 | -0.01 | 20 | 0.00 | 12 | -0.07 | 12 | -0.02 |
| Mass loading for inhalation | 8 | -0.08 | 6 | 0.00 | 18 | 0.02 | 18 | 0.01 |
| Indoor dust filtration factor | 18 | 0.02 | 18 | 0.00 | 15 | 0.04 | 15 | 0.01 |
| Depth of soil mixing layer | 12 | 0.05 | 14 | 0.00 | 4 | -0.21 | 4 | -0.07 |
| Depth of roots | 6 | 0.10 | 7 | 0.00 | 17 | 0.03 | 17 | 0.01 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 9 | -0.08 | 9 | 0.00 | 20 | -0.01 | 20 | 0.00 |
| Weathering removal constant of all vegetation | 11 | 0.06 | 11 | 0.00 | 10 | 0.09 | 10 | 0.03 |
| Wet foliar interception fraction of leafy vegetables | 5 | -0.11 | 5 | 0.00 | 11 | -0.07 | 11 | -0.02 |
| R-SQUARE | | 1.00 | | 1.00 | | 0.91 | | 0.91 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

| Coefficients for peak Meat (WaterInd.) Dose | | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| Coefficient = | | 1 | | 1 | | 1 | | 1 | |
| Repetition = | | | | | | | | | |
| Description of Probabilistic Variable | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig |
| Kd of Pb-210 in Contaminated Zone | 22 | 0.00 | 22 | 0.00 | 16 | 0.04 | 16 | 0.01 | |
| Kd of Pb-210 in Unsaturated Zone 1 | 13 | -0.05 | 13 | -0.01 | 17 | 0.04 | 17 | 0.01 | |
| Kd of Pb-210 in Saturated Zone | 11 | 0.07 | 11 | 0.02 | 7 | -0.13 | 7 | -0.04 | |
| Kd of Ra-226 in Contaminated Zone | 17 | 0.01 | 17 | 0.00 | 5 | -0.17 | 5 | -0.06 | |
| Kd of Ra-226 in Unsaturated Zone 1 | 6 | 0.18 | 6 | 0.06 | 13 | 0.06 | 13 | 0.02 | |
| Kd of Ra-226 in Saturated Zone | 21 | 0.00 | 21 | 0.00 | 15 | 0.04 | 15 | 0.01 | |
| Plant transfer factor for Pb | 4 | 0.43 | 4 | 0.15 | 4 | 0.37 | 4 | 0.14 | |
| Meat transfer factor for Pb | 1 | 0.93 | 1 | 0.78 | 1 | 0.91 | 1 | 0.77 | |
| Milk transfer factor for Pb | 19 | -0.01 | 19 | 0.00 | 11 | 0.08 | 11 | 0.03 | |
| Fish transfer factor for Pb | 14 | 0.04 | 14 | 0.01 | 9 | -0.10 | 9 | -0.03 | |
| Plant transfer factor for Ra | 3 | 0.73 | 3 | 0.31 | 3 | 0.64 | 3 | 0.28 | |
| Meat transfer factor for Ra | 2 | 0.76 | 2 | 0.39 | 2 | 0.77 | 2 | 0.41 | |
| Milk transfer factor for Ra | 15 | -0.04 | 15 | -0.01 | 8 | 0.10 | 8 | 0.03 | |
| Fish transfer factor for Ra | 12 | 0.07 | 12 | 0.02 | 10 | -0.09 | 10 | -0.03 | |
| Well pumping rate | 8 | -0.10 | 8 | -0.03 | 14 | -0.05 | 14 | -0.02 | |
| Mass loading for inhalation | 20 | 0.01 | 20 | 0.00 | 22 | -0.01 | 22 | 0.00 | |
| Indoor dust filtration factor | 18 | -0.01 | 18 | 0.00 | 19 | -0.03 | 19 | -0.01 | |
| Depth of soil mixing layer | 5 | -0.22 | 5 | -0.07 | 18 | -0.03 | 18 | -0.01 | |
| Depth of roots | 10 | 0.07 | 10 | 0.02 | 21 | -0.01 | 21 | -0.01 | |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 7 | -0.11 | 7 | -0.03 | 20 | 0.02 | 20 | 0.01 | |
| Weathering removal constant of all vegetation | 9 | -0.09 | 9 | -0.03 | 6 | -0.16 | 6 | -0.05 | |
| Wet foliar interception fraction of leafy vegetables | 16 | 0.04 | 16 | 0.01 | 12 | 0.06 | 12 | 0.02 | |
| R-SQUARE | | 0.92 | | 0.92 | | 0.89 | | 0.89 | |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

| Coefficients for peak Meat (WaterInd.) Dose | | PCC | | SRC | | PRCC | | SRRC | |
|--|--|-----|-------|-----|-------|------|-------|------|-------|
| Coefficient = | | 2 | | 2 | | 2 | | 2 | |
| Repetition = | | | | | | | | | |
| Description of Probabilistic Variable | | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | | 12 | 0.07 | 10 | 0.02 | 10 | 0.09 | 10 | 0.03 |
| Kd of Pb-210 in Unsaturated Zone 1 | | 7 | -0.11 | 7 | -0.04 | 9 | -0.09 | 9 | -0.03 |
| Kd of Pb-210 in Saturated Zone | | 21 | -0.01 | 21 | 0.00 | 5 | -0.21 | 5 | -0.06 |
| Kd of Ra-226 in Contaminated Zone | | 20 | -0.02 | 20 | -0.01 | 7 | -0.11 | 7 | -0.03 |
| Kd of Ra-226 in Unsaturated Zone 1 | | 19 | -0.02 | 19 | -0.01 | 13 | -0.07 | 13 | -0.02 |
| Kd of Ra-226 in Saturated Zone | | 17 | -0.05 | 16 | -0.02 | 12 | 0.07 | 12 | 0.02 |
| Plant transfer factor for Pb | | 4 | 0.63 | 4 | 0.26 | 4 | 0.40 | 4 | 0.12 |
| Meat transfer factor for Pb | | 1 | 0.88 | 1 | 0.61 | 1 | 0.95 | 1 | 0.81 |
| Milk transfer factor for Pb | | 5 | 0.24 | 5 | 0.08 | 20 | 0.01 | 20 | 0.00 |
| Fish transfer factor for Pb | | 14 | 0.07 | 14 | 0.02 | 16 | 0.04 | 16 | 0.01 |
| Plant transfer factor for Ra | | 3 | 0.68 | 3 | 0.30 | 3 | 0.76 | 3 | 0.31 |
| Meat transfer factor for Ra | | 2 | 0.82 | 2 | 0.46 | 2 | 0.84 | 2 | 0.42 |
| Milk transfer factor for Ra | | 15 | -0.06 | 15 | -0.02 | 19 | 0.02 | 19 | 0.01 |
| Fish transfer factor for Ra | | 22 | -0.01 | 22 | 0.00 | 21 | -0.01 | 21 | 0.00 |
| Well pumping rate | | 10 | -0.08 | 11 | -0.02 | 15 | 0.04 | 15 | 0.01 |
| Mass loading for inhalation | | 8 | -0.10 | 8 | -0.03 | 8 | -0.10 | 8 | -0.03 |
| Indoor dust filtration factor | | 13 | -0.07 | 13 | -0.02 | 22 | 0.01 | 22 | 0.00 |
| Depth of soil mixing layer | | 11 | 0.08 | 12 | 0.02 | 14 | 0.04 | 14 | 0.01 |
| Depth of roots | | 16 | -0.05 | 17 | -0.02 | 6 | 0.15 | 6 | 0.04 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | | 18 | -0.04 | 18 | -0.01 | 17 | 0.03 | 17 | 0.01 |
| Weathering removal constant of all vegetation | | 6 | -0.17 | 6 | -0.06 | 11 | -0.08 | 11 | -0.02 |
| Wet foliar interception fraction of leafy vegetables | | 9 | 0.08 | 9 | 0.03 | 18 | 0.02 | 18 | 0.01 |
| R-SQUARE | | | 0.91 | | 0.91 | | 0.93 | | 0.93 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Meat (WaterInd.) Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC 3 | | SRC 3 | | PRCC 3 | | SRRC 3 | |
|--|----------|-------|----------|-------|-----------|-------|-----------|-------|
| | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | 11 | 0.09 | 9 | 0.03 | 15 | 0.07 | 15 | 0.02 |
| Kd of Pb-210 in Unsaturated Zone 1 | 20 | -0.01 | 20 | 0.00 | 14 | -0.09 | 14 | -0.03 |
| Kd of Pb-210 in Saturated Zone | 22 | 0.01 | 22 | 0.00 | 12 | -0.14 | 12 | -0.04 |
| Kd of Ra-226 in Contaminated Zone | 10 | -0.10 | 11 | -0.02 | 17 | -0.06 | 17 | -0.02 |
| Kd of Ra-226 in Unsaturated Zone 1 | 17 | 0.02 | 17 | 0.00 | 22 | 0.02 | 22 | 0.01 |
| Kd of Ra-226 in Saturated Zone | 16 | -0.03 | 16 | -0.01 | 8 | -0.16 | 8 | -0.05 |
| Plant transfer factor for Pb | 4 | 0.46 | 4 | 0.11 | 4 | 0.28 | 4 | 0.09 |
| Meat transfer factor for Pb | 1 | 0.97 | 1 | 0.81 | 1 | 0.93 | 1 | 0.80 |
| Milk transfer factor for Pb | 8 | -0.12 | 7 | -0.03 | 20 | -0.03 | 20 | -0.01 |
| Fish transfer factor for Pb | 21 | -0.01 | 21 | 0.00 | 11 | 0.14 | 11 | 0.04 |
| Plant transfer factor for Ra | 3 | 0.87 | 3 | 0.38 | 3 | 0.68 | 3 | 0.29 |
| Meat transfer factor for Ra | 2 | 0.88 | 2 | 0.40 | 2 | 0.80 | 2 | 0.41 |
| Milk transfer factor for Ra | 6 | 0.13 | 6 | 0.03 | 16 | 0.07 | 16 | 0.02 |
| Fish transfer factor for Ra | 15 | -0.05 | 14 | -0.01 | 13 | -0.09 | 13 | -0.03 |
| Well pumping rate | 13 | 0.06 | 13 | 0.01 | 6 | 0.22 | 6 | 0.07 |
| Mass loading for inhalation | 5 | -0.16 | 5 | -0.04 | 18 | 0.06 | 18 | 0.02 |
| Indoor dust filtration factor | 12 | -0.08 | 12 | -0.02 | 21 | 0.03 | 21 | 0.01 |
| Depth of soil mixing layer | 14 | 0.06 | 15 | 0.01 | 10 | -0.15 | 10 | -0.05 |
| Depth of roots | 18 | -0.02 | 18 | 0.00 | 5 | 0.25 | 5 | 0.08 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 7 | 0.12 | 8 | 0.03 | 9 | -0.16 | 9 | -0.05 |
| Weathering removal constant of all vegetation | 19 | 0.01 | 19 | 0.00 | 7 | 0.18 | 7 | 0.06 |
| Wet foliar interception fraction of leafy vegetables | 9 | -0.11 | 10 | -0.02 | 19 | 0.05 | 19 | 0.02 |
| R-SQUARE | | 0.96 | | 0.96 | | 0.91 | | 0.91 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

| Coefficients for peak Milk (WaterInd.) Dose | | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| Coefficient = | | 1 | | 1 | | 1 | | 1 | |
| Repetition = | | | | | | | | | |
| Description of Probabilistic Variable | Sig | Coef | Sig | Coef | Sig | Coef | Sig | Coef | Sig |
| Kd of Pb-210 in Contaminated Zone | 16 | -0.03 | 17 | -0.01 | 19 | -0.03 | 19 | -0.01 | |
| Kd of Pb-210 in Unsaturated Zone 1 | 21 | -0.02 | 21 | 0.00 | 14 | -0.09 | 14 | -0.03 | |
| Kd of Pb-210 in Saturated Zone | 10 | -0.08 | 10 | -0.01 | 22 | -0.01 | 22 | 0.00 | |
| Kd of Ra-226 in Contaminated Zone | 11 | 0.07 | 11 | 0.01 | 5 | -0.23 | 5 | -0.08 | |
| Kd of Ra-226 in Unsaturated Zone 1 | 18 | -0.03 | 16 | -0.01 | 8 | -0.16 | 8 | -0.06 | |
| Kd of Ra-226 in Saturated Zone | 12 | 0.06 | 12 | 0.01 | 11 | -0.13 | 11 | -0.04 | |
| Plant transfer factor for Pb | 4 | 0.45 | 4 | 0.09 | 9 | 0.13 | 9 | 0.05 | |
| Meat transfer factor for Pb | 9 | -0.08 | 9 | -0.01 | 13 | -0.10 | 13 | -0.03 | |
| Milk transfer factor for Pb | 1 | 0.98 | 1 | 0.81 | 1 | 0.91 | 1 | 0.72 | |
| Fish transfer factor for Pb | 17 | -0.03 | 18 | -0.01 | 7 | -0.17 | 7 | -0.06 | |
| Plant transfer factor for Ra | 2 | 0.94 | 2 | 0.45 | 3 | 0.74 | 3 | 0.37 | |
| Meat transfer factor for Ra | 22 | 0.00 | 22 | 0.00 | 6 | 0.21 | 6 | 0.07 | |
| Milk transfer factor for Ra | 3 | 0.88 | 3 | 0.30 | 2 | 0.80 | 2 | 0.45 | |
| Fish transfer factor for Ra | 20 | -0.02 | 20 | 0.00 | 20 | -0.02 | 20 | -0.01 | |
| Well pumping rate | 7 | 0.14 | 7 | 0.02 | 15 | -0.07 | 15 | -0.02 | |
| Mass loading for inhalation | 6 | 0.15 | 6 | 0.02 | 21 | 0.02 | 21 | 0.01 | |
| Indoor dust filtration factor | 19 | -0.02 | 19 | 0.00 | 10 | -0.13 | 10 | -0.04 | |
| Depth of soil mixing layer | 15 | 0.04 | 15 | 0.01 | 16 | 0.06 | 16 | 0.02 | |
| Depth of roots | 13 | 0.06 | 13 | 0.01 | 18 | -0.03 | 18 | -0.01 | |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 5 | 0.18 | 5 | 0.03 | 12 | 0.12 | 12 | 0.04 | |
| Weathering removal constant of all vegetation | 14 | 0.05 | 14 | 0.01 | 4 | -0.27 | 4 | -0.10 | |
| Wet foliar interception fraction of leafy vegetables | 8 | 0.09 | 8 | 0.02 | 17 | 0.05 | 17 | 0.02 | |
| R-SQUARE | | 0.98 | | 0.98 | | 0.89 | | 0.89 | |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Milk (WaterInd.) Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|------|-------|------|-------|
| | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | 15 | 0.06 | 15 | 0.01 | 7 | 0.15 | 7 | 0.04 |
| Kd of Pb-210 in Unsaturated Zone 1 | 22 | 0.00 | 22 | 0.00 | 17 | -0.06 | 17 | -0.02 |
| Kd of Pb-210 in Saturated Zone | 21 | 0.02 | 21 | 0.00 | 11 | 0.11 | 11 | 0.03 |
| Kd of Ra-226 in Contaminated Zone | 18 | 0.05 | 18 | 0.01 | 9 | -0.13 | 9 | -0.04 |
| Kd of Ra-226 in Unsaturated Zone 1 | 19 | -0.02 | 19 | 0.00 | 15 | 0.09 | 15 | 0.03 |
| Kd of Ra-226 in Saturated Zone | 17 | -0.05 | 13 | -0.01 | 21 | 0.02 | 21 | 0.01 |
| Plant transfer factor for Pb | 4 | 0.47 | 4 | 0.08 | 10 | 0.12 | 10 | 0.04 |
| Meat transfer factor for Pb | 12 | -0.07 | 12 | -0.01 | 13 | -0.09 | 14 | -0.03 |
| Milk transfer factor for Pb | 1 | 0.98 | 1 | 0.84 | 1 | 0.93 | 1 | 0.78 |
| Fish transfer factor for Pb | 13 | 0.07 | 14 | 0.01 | 20 | -0.05 | 20 | -0.01 |
| Plant transfer factor for Ra | 2 | 0.93 | 2 | 0.38 | 3 | 0.73 | 3 | 0.32 |
| Meat transfer factor for Ra | 8 | 0.15 | 8 | 0.02 | 4 | -0.18 | 4 | -0.05 |
| Milk transfer factor for Ra | 3 | 0.90 | 3 | 0.34 | 2 | 0.78 | 2 | 0.38 |
| Fish transfer factor for Ra | 5 | 0.19 | 5 | 0.04 | 22 | 0.01 | 22 | 0.00 |
| Well pumping rate | 16 | -0.06 | 17 | -0.01 | 6 | 0.15 | 6 | 0.05 |
| Mass loading for inhalation | 20 | -0.02 | 20 | 0.00 | 12 | -0.09 | 12 | -0.03 |
| Indoor dust filtration factor | 10 | -0.10 | 10 | -0.02 | 19 | -0.05 | 19 | -0.02 |
| Depth of soil mixing layer | 14 | 0.06 | 16 | 0.01 | 5 | -0.16 | 5 | -0.05 |
| Depth of roots | 7 | -0.16 | 7 | -0.02 | 16 | -0.08 | 16 | -0.03 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 9 | -0.15 | 9 | -0.02 | 14 | 0.09 | 13 | 0.03 |
| Weathering removal constant of all vegetation | 11 | -0.08 | 11 | -0.01 | 18 | -0.05 | 18 | -0.02 |
| Wet foliar interception fraction of leafy vegetables | 6 | 0.18 | 6 | 0.03 | 8 | 0.14 | 8 | 0.04 |
| R-SQUARE | | 0.98 | | 0.98 | | 0.91 | | 0.91 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

| Coefficients for peak Milk (WaterInd.) Dose | | PCC | | SRC | | PRCC | | SRRC | |
|--|--|-----|-------|-----|-------|------|-------|------|-------|
| Coefficient = | | 3 | | 3 | | 3 | | 3 | |
| Repetition = | | | | | | | | | |
| Description of Probabilistic Variable | | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | | 22 | 0.01 | 22 | 0.00 | 4 | -0.14 | 4 | -0.05 |
| Kd of Pb-210 in Unsaturated Zone 1 | | 18 | 0.03 | 18 | 0.00 | 10 | -0.10 | 10 | -0.03 |
| Kd of Pb-210 in Saturated Zone | | 14 | 0.05 | 14 | 0.01 | 12 | 0.08 | 13 | 0.03 |
| Kd of Ra-226 in Contaminated Zone | | 10 | 0.07 | 10 | 0.01 | 15 | 0.07 | 15 | 0.03 |
| Kd of Ra-226 in Unsaturated Zone 1 | | 15 | 0.04 | 15 | 0.01 | 13 | -0.08 | 12 | -0.03 |
| Kd of Ra-226 in Saturated Zone | | 21 | -0.02 | 21 | 0.00 | 11 | -0.09 | 11 | -0.03 |
| Plant transfer factor for Pb | | 4 | 0.44 | 4 | 0.08 | 7 | 0.13 | 7 | 0.05 |
| Meat transfer factor for Pb | | 16 | -0.04 | 16 | -0.01 | 6 | 0.14 | 6 | 0.05 |
| Milk transfer factor for Pb | | 1 | 0.98 | 1 | 0.79 | 1 | 0.89 | 1 | 0.71 |
| Fish transfer factor for Pb | | 13 | -0.05 | 13 | -0.01 | 22 | -0.02 | 22 | -0.01 |
| Plant transfer factor for Ra | | 2 | 0.96 | 2 | 0.55 | 3 | 0.75 | 3 | 0.40 |
| Meat transfer factor for Ra | | 12 | 0.06 | 12 | 0.01 | 21 | -0.03 | 21 | -0.01 |
| Milk transfer factor for Ra | | 3 | 0.91 | 3 | 0.35 | 2 | 0.78 | 2 | 0.46 |
| Fish transfer factor for Ra | | 11 | 0.06 | 11 | 0.01 | 18 | 0.04 | 18 | 0.01 |
| Well pumping rate | | 5 | 0.12 | 5 | 0.02 | 20 | 0.03 | 20 | 0.01 |
| Mass loading for inhalation | | 7 | 0.10 | 6 | 0.02 | 17 | -0.05 | 17 | -0.02 |
| Indoor dust filtration factor | | 6 | -0.10 | 7 | -0.02 | 5 | -0.14 | 5 | -0.05 |
| Depth of soil mixing layer | | 20 | 0.03 | 20 | 0.00 | 16 | 0.05 | 16 | 0.02 |
| Depth of roots | | 19 | -0.03 | 19 | 0.00 | 14 | -0.08 | 14 | -0.03 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | | 17 | -0.03 | 17 | 0.00 | 19 | -0.03 | 19 | -0.01 |
| Weathering removal constant of all vegetation | | 9 | 0.08 | 9 | 0.01 | 8 | -0.10 | 8 | -0.04 |
| Wet foliar interception fraction of leafy vegetables | | 8 | -0.09 | 8 | -0.01 | 9 | 0.10 | 9 | 0.03 |
| R-SQUARE | | | 0.98 | | 0.98 | | 0.87 | | 0.87 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Soil Ingestion Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|------|-------|------|-------|
| | Sig | Coef | Sig | Coef | Sig | Coef | Sig | Coef |
| Kd of Pb-210 in Contaminated Zone | 4 | 0.12 | 4 | 0.12 | 1 | 0.21 | 1 | 0.19 |
| Kd of Pb-210 in Unsaturated Zone 1 | 17 | -0.02 | 17 | -0.02 | 18 | 0.04 | 18 | 0.03 |
| Kd of Pb-210 in Saturated Zone | 12 | 0.06 | 12 | 0.05 | 20 | -0.01 | 20 | -0.01 |
| Kd of Ra-226 in Contaminated Zone | 22 | -0.01 | 22 | -0.01 | 15 | -0.08 | 15 | -0.07 |
| Kd of Ra-226 in Unsaturated Zone 1 | 15 | 0.05 | 14 | 0.05 | 10 | 0.11 | 10 | 0.09 |
| Kd of Ra-226 in Saturated Zone | 20 | 0.02 | 20 | 0.02 | 7 | -0.14 | 7 | -0.12 |
| Plant transfer factor for Pb | 7 | 0.09 | 7 | 0.09 | 11 | 0.10 | 11 | 0.08 |
| Meat transfer factor for Pb | 13 | 0.05 | 13 | 0.05 | 22 | 0.00 | 22 | 0.00 |
| Milk transfer factor for Pb | 21 | 0.01 | 21 | 0.01 | 9 | -0.11 | 9 | -0.10 |
| Fish transfer factor for Pb | 18 | 0.02 | 18 | 0.02 | 19 | 0.03 | 19 | 0.03 |
| Plant transfer factor for Ra | 10 | 0.08 | 11 | 0.07 | 4 | 0.15 | 4 | 0.14 |
| Meat transfer factor for Ra | 11 | 0.08 | 8 | 0.08 | 16 | 0.06 | 16 | 0.06 |
| Milk transfer factor for Ra | 6 | -0.11 | 6 | -0.10 | 5 | -0.14 | 5 | -0.12 |
| Fish transfer factor for Ra | 16 | 0.03 | 16 | 0.03 | 12 | -0.09 | 12 | -0.08 |
| Well pumping rate | 5 | 0.11 | 5 | 0.11 | 8 | 0.14 | 8 | 0.12 |
| Mass loading for inhalation | 14 | 0.05 | 15 | 0.05 | 17 | 0.05 | 17 | 0.04 |
| Indoor dust filtration factor | 9 | 0.08 | 10 | 0.08 | 14 | 0.08 | 14 | 0.07 |
| Depth of soil mixing layer | 1 | -0.26 | 1 | -0.26 | 2 | -0.21 | 2 | -0.19 |
| Depth of roots | 3 | 0.15 | 3 | 0.14 | 6 | 0.14 | 6 | 0.12 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 8 | 0.08 | 9 | 0.08 | 13 | 0.08 | 13 | 0.07 |
| Weathering removal constant of all vegetation | 19 | -0.02 | 19 | -0.02 | 21 | 0.00 | 21 | 0.00 |
| Wet foliar interception fraction of leafy vegetables | 2 | -0.18 | 2 | -0.17 | 3 | -0.17 | 3 | -0.15 |
| R-SQUARE | | 0.16 | | 0.16 | | 0.22 | | 0.22 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Soil Ingestion Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|------|-------|------|-------|
| | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | 16 | -0.02 | 16 | -0.02 | 1 | 0.31 | 1 | 0.27 |
| Kd of Pb-210 in Unsaturated Zone 1 | 22 | 0.00 | 22 | 0.00 | 2 | 0.28 | 2 | 0.24 |
| Kd of Pb-210 in Saturated Zone | 5 | 0.13 | 5 | 0.14 | 8 | 0.13 | 8 | 0.10 |
| Kd of Ra-226 in Contaminated Zone | 20 | -0.01 | 20 | -0.01 | 14 | -0.08 | 14 | -0.07 |
| Kd of Ra-226 in Unsaturated Zone 1 | 18 | 0.02 | 18 | 0.02 | 5 | 0.19 | 5 | 0.16 |
| Kd of Ra-226 in Saturated Zone | 12 | 0.06 | 12 | 0.07 | 22 | 0.00 | 22 | 0.00 |
| Plant transfer factor for Pb | 9 | 0.09 | 9 | 0.09 | 18 | 0.05 | 18 | 0.04 |
| Meat transfer factor for Pb | 2 | -0.21 | 2 | -0.22 | 6 | -0.18 | 6 | -0.15 |
| Milk transfer factor for Pb | 17 | -0.02 | 17 | -0.02 | 16 | -0.06 | 16 | -0.05 |
| Fish transfer factor for Pb | 13 | 0.06 | 13 | 0.06 | 20 | -0.04 | 20 | -0.04 |
| Plant transfer factor for Ra | 3 | 0.15 | 3 | 0.15 | 3 | 0.22 | 3 | 0.19 |
| Meat transfer factor for Ra | 14 | -0.06 | 14 | -0.06 | 17 | 0.05 | 17 | 0.04 |
| Milk transfer factor for Ra | 19 | -0.02 | 19 | -0.02 | 19 | -0.04 | 19 | -0.04 |
| Fish transfer factor for Ra | 11 | 0.07 | 10 | 0.08 | 12 | 0.10 | 12 | 0.08 |
| Well pumping rate | 8 | 0.10 | 8 | 0.09 | 13 | 0.09 | 13 | 0.08 |
| Mass loading for inhalation | 15 | -0.04 | 15 | -0.04 | 9 | -0.12 | 9 | -0.10 |
| Indoor dust filtration factor | 7 | -0.12 | 7 | -0.12 | 11 | -0.11 | 11 | -0.09 |
| Depth of soil mixing layer | 21 | -0.01 | 21 | -0.01 | 21 | 0.02 | 21 | 0.02 |
| Depth of roots | 10 | -0.08 | 11 | -0.08 | 15 | -0.07 | 15 | -0.06 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 6 | 0.13 | 6 | 0.12 | 7 | 0.16 | 7 | 0.14 |
| Weathering removal constant of all vegetation | 4 | 0.15 | 4 | 0.15 | 10 | 0.12 | 10 | 0.10 |
| Wet foliar interception fraction of leafy vegetables | 1 | 0.22 | 1 | 0.22 | 4 | 0.19 | 4 | 0.16 |
| R-SQUARE | | 0.16 | | 0.16 | | 0.32 | | 0.32 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Soil Ingestion Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC 3 | | SRC 3 | | PRCC 3 | | SRRC 3 | |
|--|----------|-------|----------|-------|-----------|-------|-----------|-------|
| | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | 10 | 0.08 | 9 | 0.10 | 1 | 0.29 | 1 | 0.26 |
| Kd of Pb-210 in Unsaturated Zone 1 | 2 | -0.16 | 2 | -0.15 | 14 | -0.06 | 14 | -0.05 |
| Kd of Pb-210 in Saturated Zone | 13 | 0.03 | 13 | 0.03 | 15 | 0.04 | 15 | 0.04 |
| Kd of Ra-226 in Contaminated Zone | 19 | 0.01 | 19 | 0.01 | 19 | 0.03 | 19 | 0.03 |
| Kd of Ra-226 in Unsaturated Zone 1 | 14 | 0.03 | 14 | 0.02 | 11 | 0.07 | 11 | 0.07 |
| Kd of Ra-226 in Saturated Zone | 16 | 0.02 | 15 | 0.02 | 17 | -0.04 | 17 | -0.03 |
| Plant transfer factor for Pb | 17 | -0.02 | 17 | -0.02 | 8 | -0.08 | 8 | -0.07 |
| Meat transfer factor for Pb | 3 | -0.15 | 3 | -0.14 | 5 | -0.13 | 5 | -0.12 |
| Milk transfer factor for Pb | 1 | -0.21 | 1 | -0.21 | 16 | -0.04 | 16 | -0.04 |
| Fish transfer factor for Pb | 21 | 0.00 | 21 | 0.00 | 13 | -0.06 | 13 | -0.05 |
| Plant transfer factor for Ra | 9 | 0.09 | 10 | 0.09 | 2 | 0.26 | 2 | 0.24 |
| Meat transfer factor for Ra | 18 | -0.01 | 18 | -0.01 | 21 | -0.01 | 21 | -0.01 |
| Milk transfer factor for Ra | 4 | -0.14 | 4 | -0.14 | 3 | -0.19 | 3 | -0.17 |
| Fish transfer factor for Ra | 22 | 0.00 | 22 | 0.00 | 22 | 0.01 | 22 | 0.01 |
| Well pumping rate | 6 | 0.11 | 6 | 0.11 | 9 | 0.08 | 9 | 0.07 |
| Mass loading for inhalation | 11 | 0.05 | 11 | 0.06 | 7 | 0.11 | 7 | 0.09 |
| Indoor dust filtration factor | 8 | -0.10 | 8 | -0.10 | 6 | -0.11 | 6 | -0.10 |
| Depth of soil mixing layer | 15 | -0.02 | 16 | -0.02 | 18 | -0.03 | 18 | -0.03 |
| Depth of roots | 7 | 0.10 | 7 | 0.10 | 10 | 0.08 | 10 | 0.07 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 5 | -0.12 | 5 | -0.12 | 4 | -0.19 | 4 | -0.17 |
| Weathering removal constant of all vegetation | 20 | -0.01 | 20 | -0.01 | 12 | -0.07 | 12 | -0.06 |
| Wet foliar interception fraction of leafy vegetables | 12 | -0.04 | 12 | -0.04 | 20 | -0.03 | 20 | -0.03 |
| R-SQUARE | | 0.16 | | 0.16 | | 0.24 | | 0.24 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Water Ingestion Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|------|-------|------|-------|
| | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | 14 | 0.03 | 14 | 0.03 | 7 | -0.10 | 7 | -0.08 |
| Kd of Pb-210 in Unsaturated Zone 1 | 5 | -0.11 | 5 | -0.10 | 1 | -0.50 | 1 | -0.45 |
| Kd of Pb-210 in Saturated Zone | 21 | -0.01 | 21 | -0.01 | 22 | 0.00 | 22 | 0.00 |
| Kd of Ra-226 in Contaminated Zone | 22 | 0.00 | 22 | 0.00 | 14 | -0.08 | 14 | -0.06 |
| Kd of Ra-226 in Unsaturated Zone 1 | 19 | 0.02 | 18 | 0.02 | 9 | -0.10 | 9 | -0.08 |
| Kd of Ra-226 in Saturated Zone | 10 | -0.06 | 10 | -0.06 | 13 | -0.09 | 13 | -0.07 |
| Plant transfer factor for Pb | 17 | 0.02 | 15 | 0.03 | 3 | 0.23 | 3 | 0.18 |
| Meat transfer factor for Pb | 3 | 0.17 | 3 | 0.17 | 5 | -0.18 | 5 | -0.14 |
| Milk transfer factor for Pb | 1 | 0.19 | 1 | 0.20 | 21 | -0.02 | 21 | -0.02 |
| Fish transfer factor for Pb | 20 | -0.02 | 20 | -0.02 | 16 | -0.07 | 16 | -0.05 |
| Plant transfer factor for Ra | 6 | -0.10 | 6 | -0.10 | 15 | 0.07 | 15 | 0.06 |
| Meat transfer factor for Ra | 13 | -0.03 | 13 | -0.03 | 11 | 0.09 | 11 | 0.07 |
| Milk transfer factor for Ra | 8 | 0.09 | 8 | 0.08 | 12 | 0.09 | 12 | 0.07 |
| Fish transfer factor for Ra | 7 | -0.10 | 7 | -0.10 | 6 | -0.16 | 6 | -0.13 |
| Well pumping rate | 9 | 0.08 | 9 | 0.07 | 18 | -0.05 | 18 | -0.04 |
| Mass loading for inhalation | 18 | 0.02 | 19 | 0.02 | 17 | 0.06 | 17 | 0.05 |
| Indoor dust filtration factor | 11 | 0.05 | 12 | 0.05 | 19 | 0.05 | 19 | 0.04 |
| Depth of soil mixing layer | 16 | -0.02 | 16 | -0.02 | 4 | -0.22 | 4 | -0.17 |
| Depth of roots | 2 | 0.19 | 2 | 0.19 | 2 | 0.30 | 2 | 0.25 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 15 | -0.03 | 17 | -0.02 | 8 | 0.10 | 8 | 0.08 |
| Weathering removal constant of all vegetation | 12 | -0.05 | 11 | -0.05 | 20 | -0.02 | 20 | -0.02 |
| Wet foliar interception fraction of leafy vegetables | 4 | -0.12 | 4 | -0.12 | 10 | -0.09 | 10 | -0.07 |
| R-SQUARE | | 0.13 | | 0.13 | | 0.39 | | 0.39 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Water Ingestion Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|------|-------|------|-------|
| | Sig | Coef | Sig | Coef | Sig | Coef | Sig | Coef |
| Kd of Pb-210 in Contaminated Zone | 21 | -0.01 | 21 | -0.01 | 12 | -0.11 | 12 | -0.08 |
| Kd of Pb-210 in Unsaturated Zone 1 | 19 | -0.01 | 19 | -0.01 | 1 | -0.56 | 1 | -0.50 |
| Kd of Pb-210 in Saturated Zone | 7 | -0.10 | 7 | -0.11 | 20 | -0.02 | 20 | -0.01 |
| Kd of Ra-226 in Contaminated Zone | 22 | 0.00 | 22 | 0.00 | 14 | -0.07 | 14 | -0.05 |
| Kd of Ra-226 in Unsaturated Zone 1 | 17 | -0.01 | 17 | -0.01 | 22 | -0.01 | 22 | -0.01 |
| Kd of Ra-226 in Saturated Zone | 13 | -0.04 | 12 | -0.05 | 9 | 0.12 | 9 | 0.09 |
| Plant transfer factor for Pb | 8 | -0.08 | 8 | -0.08 | 11 | 0.11 | 11 | 0.09 |
| Meat transfer factor for Pb | 1 | 0.23 | 1 | 0.24 | 7 | 0.14 | 7 | 0.11 |
| Milk transfer factor for Pb | 18 | -0.01 | 18 | -0.01 | 6 | 0.14 | 6 | 0.11 |
| Fish transfer factor for Pb | 16 | 0.01 | 16 | 0.01 | 10 | 0.12 | 10 | 0.09 |
| Plant transfer factor for Ra | 6 | -0.13 | 6 | -0.12 | 8 | -0.12 | 8 | -0.09 |
| Meat transfer factor for Ra | 3 | 0.15 | 3 | 0.15 | 17 | 0.05 | 17 | 0.04 |
| Milk transfer factor for Ra | 14 | 0.04 | 14 | 0.04 | 13 | 0.08 | 13 | 0.06 |
| Fish transfer factor for Ra | 11 | -0.05 | 11 | -0.06 | 2 | -0.32 | 2 | -0.25 |
| Well pumping rate | 15 | 0.02 | 15 | 0.02 | 16 | 0.05 | 16 | 0.04 |
| Mass loading for inhalation | 12 | -0.05 | 13 | -0.05 | 21 | -0.02 | 21 | -0.01 |
| Indoor dust filtration factor | 2 | 0.16 | 2 | 0.16 | 4 | 0.16 | 4 | 0.12 |
| Depth of soil mixing layer | 9 | 0.08 | 9 | 0.08 | 5 | -0.15 | 5 | -0.11 |
| Depth of roots | 20 | -0.01 | 20 | -0.01 | 18 | 0.04 | 18 | 0.03 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 4 | -0.14 | 4 | -0.14 | 15 | -0.06 | 15 | -0.05 |
| Weathering removal constant of all vegetation | 5 | -0.13 | 5 | -0.13 | 19 | -0.03 | 19 | -0.02 |
| Wet foliar interception fraction of leafy vegetables | 10 | -0.07 | 10 | -0.07 | 3 | -0.24 | 3 | -0.18 |
| R-SQUARE | | 0.15 | | 0.15 | | 0.44 | | 0.44 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Water Ingestion Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC 3 | | SRC 3 | | PRCC 3 | | SRRC 3 | |
|--|----------|-------|----------|-------|-----------|-------|-----------|-------|
| | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | 15 | 0.05 | 13 | 0.06 | 12 | -0.05 | 12 | -0.04 |
| Kd of Pb-210 in Unsaturated Zone 1 | 20 | -0.01 | 20 | -0.01 | 1 | -0.46 | 1 | -0.44 |
| Kd of Pb-210 in Saturated Zone | 22 | 0.00 | 22 | 0.00 | 6 | -0.09 | 6 | -0.08 |
| Kd of Ra-226 in Contaminated Zone | 17 | -0.02 | 17 | -0.03 | 8 | 0.08 | 8 | 0.07 |
| Kd of Ra-226 in Unsaturated Zone 1 | 14 | -0.06 | 14 | -0.06 | 15 | 0.03 | 15 | 0.03 |
| Kd of Ra-226 in Saturated Zone | 21 | -0.01 | 21 | -0.01 | 20 | 0.00 | 20 | 0.00 |
| Plant transfer factor for Pb | 18 | 0.02 | 18 | 0.02 | 13 | 0.04 | 13 | 0.04 |
| Meat transfer factor for Pb | 6 | -0.09 | 8 | -0.09 | 17 | -0.02 | 17 | -0.02 |
| Milk transfer factor for Pb | 7 | -0.09 | 7 | -0.09 | 19 | 0.01 | 19 | 0.01 |
| Fish transfer factor for Pb | 4 | 0.14 | 4 | 0.14 | 10 | 0.06 | 10 | 0.06 |
| Plant transfer factor for Ra | 10 | -0.08 | 11 | -0.08 | 16 | -0.03 | 16 | -0.02 |
| Meat transfer factor for Ra | 5 | -0.09 | 6 | -0.09 | 7 | -0.09 | 7 | -0.07 |
| Milk transfer factor for Ra | 1 | -0.18 | 1 | -0.18 | 22 | 0.00 | 22 | 0.00 |
| Fish transfer factor for Ra | 11 | -0.08 | 9 | -0.08 | 9 | 0.07 | 9 | 0.06 |
| Well pumping rate | 9 | -0.09 | 10 | -0.08 | 11 | -0.05 | 11 | -0.04 |
| Mass loading for inhalation | 8 | -0.09 | 5 | -0.10 | 2 | -0.20 | 2 | -0.18 |
| Indoor dust filtration factor | 16 | -0.05 | 16 | -0.05 | 3 | 0.19 | 3 | 0.17 |
| Depth of soil mixing layer | 3 | 0.17 | 3 | 0.16 | 5 | 0.10 | 5 | 0.08 |
| Depth of roots | 13 | 0.06 | 15 | 0.06 | 14 | -0.03 | 14 | -0.03 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 12 | -0.07 | 12 | -0.07 | 21 | 0.00 | 21 | 0.00 |
| Weathering removal constant of all vegetation | 19 | 0.02 | 19 | 0.01 | 18 | 0.02 | 18 | 0.02 |
| Wet foliar interception fraction of leafy vegetables | 2 | 0.18 | 2 | 0.18 | 4 | 0.12 | 4 | 0.10 |
| R-SQUARE | | 0.16 | | 0.16 | | 0.28 | | 0.28 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Fish Ingestion Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|------|-------|------|-------|
| | Sig | Coef | Sig | Coef | Sig | Coef | Sig | Coef |
| Kd of Pb-210 in Contaminated Zone | 14 | 0.03 | 13 | 0.03 | 7 | -0.10 | 7 | -0.08 |
| Kd of Pb-210 in Unsaturated Zone 1 | 7 | -0.09 | 7 | -0.08 | 1 | -0.50 | 1 | -0.46 |
| Kd of Pb-210 in Saturated Zone | 17 | 0.02 | 17 | 0.02 | 22 | 0.00 | 22 | 0.00 |
| Kd of Ra-226 in Contaminated Zone | 21 | 0.00 | 21 | 0.00 | 14 | -0.08 | 14 | -0.06 |
| Kd of Ra-226 in Unsaturated Zone 1 | 20 | 0.01 | 20 | 0.01 | 9 | -0.10 | 9 | -0.08 |
| Kd of Ra-226 in Saturated Zone | 19 | -0.02 | 19 | -0.01 | 13 | -0.09 | 13 | -0.07 |
| Plant transfer factor for Pb | 5 | 0.15 | 5 | 0.14 | 3 | 0.23 | 3 | 0.19 |
| Meat transfer factor for Pb | 4 | 0.19 | 3 | 0.17 | 5 | -0.18 | 5 | -0.14 |
| Milk transfer factor for Pb | 2 | 0.20 | 2 | 0.18 | 21 | -0.02 | 21 | -0.02 |
| Fish transfer factor for Pb | 1 | 0.36 | 1 | 0.36 | 16 | -0.06 | 16 | -0.05 |
| Plant transfer factor for Ra | 13 | -0.03 | 14 | -0.03 | 15 | 0.08 | 15 | 0.06 |
| Meat transfer factor for Ra | 22 | 0.00 | 22 | 0.00 | 10 | 0.09 | 10 | 0.07 |
| Milk transfer factor for Ra | 6 | 0.14 | 6 | 0.12 | 11 | 0.09 | 11 | 0.07 |
| Fish transfer factor for Ra | 12 | -0.04 | 11 | -0.03 | 6 | -0.16 | 6 | -0.13 |
| Well pumping rate | 16 | 0.03 | 16 | 0.02 | 18 | -0.05 | 18 | -0.04 |
| Mass loading for inhalation | 15 | -0.03 | 15 | -0.03 | 17 | 0.06 | 17 | 0.05 |
| Indoor dust filtration factor | 8 | 0.08 | 8 | 0.07 | 19 | 0.05 | 19 | 0.04 |
| Depth of soil mixing layer | 18 | -0.02 | 18 | -0.01 | 4 | -0.22 | 4 | -0.17 |
| Depth of roots | 3 | 0.19 | 4 | 0.17 | 2 | 0.30 | 2 | 0.25 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 11 | -0.04 | 12 | -0.03 | 8 | 0.10 | 8 | 0.08 |
| Weathering removal constant of all vegetation | 9 | -0.07 | 9 | -0.06 | 20 | -0.02 | 20 | -0.02 |
| Wet foliar interception fraction of leafy vegetables | 10 | -0.06 | 10 | -0.05 | 12 | -0.09 | 12 | -0.07 |
| R-SQUARE | | 0.29 | | 0.29 | | 0.39 | | 0.39 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Fish Ingestion Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|------|-------|------|-------|
| | Sig | Coef | Sig | Coef | Sig | Coef | Sig | Coef |
| Kd of Pb-210 in Contaminated Zone | 20 | -0.01 | 20 | -0.01 | 12 | -0.11 | 12 | -0.08 |
| Kd of Pb-210 in Unsaturated Zone 1 | 16 | -0.02 | 16 | -0.02 | 1 | -0.56 | 1 | -0.50 |
| Kd of Pb-210 in Saturated Zone | 7 | -0.09 | 7 | -0.09 | 20 | -0.02 | 20 | -0.01 |
| Kd of Ra-226 in Contaminated Zone | 22 | 0.00 | 22 | 0.00 | 14 | -0.07 | 14 | -0.05 |
| Kd of Ra-226 in Unsaturated Zone 1 | 19 | -0.01 | 19 | -0.01 | 22 | -0.01 | 22 | -0.01 |
| Kd of Ra-226 in Saturated Zone | 14 | -0.04 | 14 | -0.05 | 9 | 0.12 | 9 | 0.09 |
| Plant transfer factor for Pb | 12 | -0.05 | 12 | -0.05 | 11 | 0.11 | 11 | 0.09 |
| Meat transfer factor for Pb | 1 | 0.25 | 1 | 0.26 | 7 | 0.14 | 7 | 0.11 |
| Milk transfer factor for Pb | 18 | -0.01 | 18 | -0.01 | 6 | 0.14 | 6 | 0.11 |
| Fish transfer factor for Pb | 15 | 0.02 | 15 | 0.02 | 10 | 0.12 | 10 | 0.09 |
| Plant transfer factor for Ra | 5 | -0.14 | 5 | -0.14 | 8 | -0.12 | 8 | -0.09 |
| Meat transfer factor for Ra | 4 | 0.15 | 3 | 0.15 | 17 | 0.05 | 17 | 0.04 |
| Milk transfer factor for Ra | 13 | 0.05 | 13 | 0.05 | 13 | 0.08 | 13 | 0.06 |
| Fish transfer factor for Ra | 10 | -0.06 | 8 | -0.08 | 2 | -0.32 | 2 | -0.25 |
| Well pumping rate | 17 | 0.02 | 17 | 0.02 | 16 | 0.05 | 16 | 0.04 |
| Mass loading for inhalation | 8 | -0.07 | 9 | -0.07 | 21 | -0.02 | 21 | -0.01 |
| Indoor dust filtration factor | 2 | 0.15 | 2 | 0.15 | 4 | 0.16 | 4 | 0.12 |
| Depth of soil mixing layer | 11 | 0.06 | 11 | 0.06 | 5 | -0.15 | 5 | -0.11 |
| Depth of roots | 21 | 0.00 | 21 | 0.00 | 18 | 0.04 | 18 | 0.03 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 3 | -0.15 | 4 | -0.14 | 15 | -0.06 | 15 | -0.05 |
| Weathering removal constant of all vegetation | 6 | -0.12 | 6 | -0.12 | 19 | -0.03 | 19 | -0.02 |
| Wet foliar interception fraction of leafy vegetables | 9 | -0.07 | 10 | -0.07 | 3 | -0.24 | 3 | -0.18 |
| R-SQUARE | | 0.15 | | 0.15 | | 0.44 | | 0.44 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Fish Ingestion Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC 3 | | SRC 3 | | PRCC 3 | | SRRC 3 | |
|--|----------|-------|----------|-------|-----------|-------|-----------|-------|
| | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | 15 | 0.04 | 15 | 0.04 | 12 | -0.05 | 12 | -0.04 |
| Kd of Pb-210 in Unsaturated Zone 1 | 18 | -0.02 | 18 | -0.02 | 1 | -0.46 | 1 | -0.44 |
| Kd of Pb-210 in Saturated Zone | 21 | 0.01 | 21 | 0.01 | 6 | -0.09 | 6 | -0.08 |
| Kd of Ra-226 in Contaminated Zone | 22 | 0.00 | 22 | 0.00 | 8 | 0.08 | 8 | 0.07 |
| Kd of Ra-226 in Unsaturated Zone 1 | 20 | -0.01 | 20 | -0.01 | 15 | 0.03 | 15 | 0.03 |
| Kd of Ra-226 in Saturated Zone | 17 | 0.03 | 17 | 0.02 | 20 | 0.01 | 20 | 0.01 |
| Plant transfer factor for Pb | 5 | 0.11 | 6 | 0.10 | 13 | 0.04 | 13 | 0.04 |
| Meat transfer factor for Pb | 12 | -0.05 | 12 | -0.04 | 17 | -0.02 | 17 | -0.02 |
| Milk transfer factor for Pb | 8 | -0.08 | 8 | -0.07 | 19 | 0.01 | 19 | 0.01 |
| Fish transfer factor for Pb | 1 | 0.35 | 1 | 0.34 | 9 | 0.07 | 9 | 0.06 |
| Plant transfer factor for Ra | 14 | -0.05 | 14 | -0.04 | 16 | -0.03 | 16 | -0.03 |
| Meat transfer factor for Ra | 16 | -0.03 | 16 | -0.03 | 7 | -0.09 | 7 | -0.07 |
| Milk transfer factor for Ra | 3 | -0.14 | 3 | -0.13 | 21 | 0.00 | 21 | 0.00 |
| Fish transfer factor for Ra | 11 | -0.05 | 11 | -0.05 | 10 | 0.07 | 10 | 0.06 |
| Well pumping rate | 10 | -0.07 | 10 | -0.07 | 11 | -0.05 | 11 | -0.05 |
| Mass loading for inhalation | 7 | -0.10 | 5 | -0.10 | 2 | -0.20 | 2 | -0.18 |
| Indoor dust filtration factor | 6 | -0.11 | 7 | -0.10 | 3 | 0.19 | 3 | 0.16 |
| Depth of soil mixing layer | 2 | 0.21 | 2 | 0.19 | 5 | 0.10 | 5 | 0.09 |
| Depth of roots | 4 | 0.13 | 4 | 0.12 | 14 | -0.03 | 14 | -0.03 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 19 | 0.01 | 19 | 0.01 | 22 | 0.00 | 22 | 0.00 |
| Weathering removal constant of all vegetation | 9 | -0.07 | 9 | -0.07 | 18 | 0.01 | 18 | 0.01 |
| Wet foliar interception fraction of leafy vegetables | 13 | 0.05 | 13 | 0.04 | 4 | 0.11 | 4 | 0.10 |
| R-SQUARE | | 0.24 | | 0.24 | | 0.29 | | 0.29 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Radon (WaterDep.) Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|------|-------|------|-------|
| | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Pb-210 in Unsaturated Zone 1 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Pb-210 in Saturated Zone | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Ra-226 in Contaminated Zone | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Ra-226 in Unsaturated Zone 1 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Ra-226 in Saturated Zone | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Plant transfer factor for Pb | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Meat transfer factor for Pb | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Milk transfer factor for Pb | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Fish transfer factor for Pb | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Plant transfer factor for Ra | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Meat transfer factor for Ra | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Milk transfer factor for Ra | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Fish transfer factor for Ra | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Well pumping rate | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Mass loading for inhalation | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Indoor dust filtration factor | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Depth of soil mixing layer | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Depth of roots | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Weathering removal constant of all vegetation | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Wet foliar interception fraction of leafy vegetables | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| R-SQUARE | | 0.00 | | 0.00 | | 0.00 | | 0.00 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Radon (WaterDep.) Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|------|-------|------|-------|
| | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Pb-210 in Unsaturated Zone 1 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Pb-210 in Saturated Zone | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Ra-226 in Contaminated Zone | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Ra-226 in Unsaturated Zone 1 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Ra-226 in Saturated Zone | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Plant transfer factor for Pb | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Meat transfer factor for Pb | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Milk transfer factor for Pb | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Fish transfer factor for Pb | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Plant transfer factor for Ra | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Meat transfer factor for Ra | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Milk transfer factor for Ra | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Fish transfer factor for Ra | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Well pumping rate | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Mass loading for inhalation | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Indoor dust filtration factor | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Depth of soil mixing layer | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Depth of roots | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Weathering removal constant of all vegetation | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Wet foliar interception fraction of leafy vegetables | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| R-SQUARE | | 0.00 | | 0.00 | | 0.00 | | 0.00 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Radon (WaterDep.) Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC 3 | | SRC 3 | | PRCC 3 | | SRRC 3 | |
|--|----------|-------|----------|-------|-----------|-------|-----------|-------|
| | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Pb-210 in Unsaturated Zone 1 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Pb-210 in Saturated Zone | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Ra-226 in Contaminated Zone | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Ra-226 in Unsaturated Zone 1 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Kd of Ra-226 in Saturated Zone | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Plant transfer factor for Pb | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Meat transfer factor for Pb | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Milk transfer factor for Pb | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Fish transfer factor for Pb | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Plant transfer factor for Ra | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Meat transfer factor for Ra | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Milk transfer factor for Ra | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Fish transfer factor for Ra | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Well pumping rate | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Mass loading for inhalation | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Indoor dust filtration factor | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Depth of soil mixing layer | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Depth of roots | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Weathering removal constant of all vegetation | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Wet foliar interception fraction of leafy vegetables | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| R-SQUARE | | 0.00 | | 0.00 | | 0.00 | | 0.00 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Plant (WaterDep.) Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|------|-------|------|-------|
| | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | 14 | 0.04 | 14 | 0.04 | 7 | -0.10 | 7 | -0.08 |
| Kd of Pb-210 in Unsaturated Zone 1 | 5 | -0.11 | 5 | -0.11 | 1 | -0.50 | 1 | -0.45 |
| Kd of Pb-210 in Saturated Zone | 20 | -0.01 | 20 | -0.01 | 22 | 0.00 | 22 | 0.00 |
| Kd of Ra-226 in Contaminated Zone | 22 | 0.00 | 22 | 0.00 | 14 | -0.08 | 14 | -0.06 |
| Kd of Ra-226 in Unsaturated Zone 1 | 16 | 0.03 | 16 | 0.03 | 9 | -0.10 | 9 | -0.08 |
| Kd of Ra-226 in Saturated Zone | 12 | -0.06 | 12 | -0.06 | 13 | -0.09 | 13 | -0.07 |
| Plant transfer factor for Pb | 15 | 0.03 | 15 | 0.04 | 3 | 0.23 | 3 | 0.18 |
| Meat transfer factor for Pb | 3 | 0.18 | 2 | 0.18 | 5 | -0.18 | 5 | -0.14 |
| Milk transfer factor for Pb | 1 | 0.20 | 1 | 0.21 | 21 | -0.02 | 21 | -0.02 |
| Fish transfer factor for Pb | 21 | 0.00 | 21 | 0.00 | 16 | -0.07 | 16 | -0.05 |
| Plant transfer factor for Ra | 6 | -0.10 | 7 | -0.09 | 15 | 0.07 | 15 | 0.06 |
| Meat transfer factor for Ra | 13 | -0.05 | 13 | -0.05 | 11 | 0.09 | 11 | 0.07 |
| Milk transfer factor for Ra | 9 | 0.08 | 9 | 0.08 | 12 | 0.09 | 12 | 0.07 |
| Fish transfer factor for Ra | 7 | -0.10 | 6 | -0.10 | 6 | -0.16 | 6 | -0.13 |
| Well pumping rate | 8 | 0.09 | 8 | 0.09 | 18 | -0.05 | 18 | -0.04 |
| Mass loading for inhalation | 19 | 0.01 | 19 | 0.01 | 17 | 0.06 | 17 | 0.05 |
| Indoor dust filtration factor | 11 | 0.07 | 11 | 0.06 | 19 | 0.05 | 19 | 0.04 |
| Depth of soil mixing layer | 18 | -0.02 | 18 | -0.02 | 4 | -0.22 | 4 | -0.17 |
| Depth of roots | 2 | 0.18 | 3 | 0.18 | 2 | 0.30 | 2 | 0.25 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 17 | -0.03 | 17 | -0.03 | 8 | 0.10 | 8 | 0.08 |
| Weathering removal constant of all vegetation | 10 | -0.07 | 10 | -0.07 | 20 | -0.02 | 20 | -0.02 |
| Wet foliar interception fraction of leafy vegetables | 4 | -0.11 | 4 | -0.11 | 10 | -0.09 | 10 | -0.07 |
| R-SQUARE | | 0.13 | | 0.13 | | 0.39 | | 0.39 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

| Coefficients for peak Plant (WaterDep.) Dose | | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|-----|-------|-----|-------|--|
| Coefficient = | | 2 | | 2 | | 2 | | 2 | |
| Repetition = | | | | | | | | | |
| Description of Probabilistic Variable | Sig | Coef | Sig | Coef | Sig | Coef | Sig | Coef | |
| Kd of Pb-210 in Contaminated Zone | 21 | -0.01 | 21 | -0.01 | 12 | -0.11 | 12 | -0.08 | |
| Kd of Pb-210 in Unsaturated Zone 1 | 22 | 0.00 | 22 | 0.00 | 1 | -0.56 | 1 | -0.50 | |
| Kd of Pb-210 in Saturated Zone | 7 | -0.10 | 7 | -0.11 | 20 | -0.02 | 20 | -0.01 | |
| Kd of Ra-226 in Contaminated Zone | 20 | 0.01 | 20 | 0.01 | 14 | -0.07 | 14 | -0.05 | |
| Kd of Ra-226 in Unsaturated Zone 1 | 15 | -0.02 | 15 | -0.02 | 22 | -0.01 | 22 | -0.01 | |
| Kd of Ra-226 in Saturated Zone | 12 | -0.04 | 12 | -0.06 | 9 | 0.12 | 9 | 0.09 | |
| Plant transfer factor for Pb | 8 | -0.10 | 8 | -0.10 | 11 | 0.11 | 11 | 0.09 | |
| Meat transfer factor for Pb | 1 | 0.23 | 1 | 0.23 | 7 | 0.14 | 7 | 0.11 | |
| Milk transfer factor for Pb | 17 | -0.01 | 17 | -0.01 | 6 | 0.14 | 6 | 0.11 | |
| Fish transfer factor for Pb | 18 | 0.01 | 18 | 0.01 | 10 | 0.12 | 10 | 0.09 | |
| Plant transfer factor for Ra | 6 | -0.12 | 6 | -0.12 | 8 | -0.12 | 8 | -0.09 | |
| Meat transfer factor for Ra | 3 | 0.15 | 3 | 0.15 | 17 | 0.05 | 17 | 0.04 | |
| Milk transfer factor for Ra | 14 | 0.04 | 14 | 0.04 | 13 | 0.08 | 13 | 0.06 | |
| Fish transfer factor for Ra | 11 | -0.05 | 11 | -0.06 | 2 | -0.32 | 2 | -0.25 | |
| Well pumping rate | 16 | 0.02 | 16 | 0.02 | 16 | 0.05 | 16 | 0.04 | |
| Mass loading for inhalation | 13 | -0.04 | 13 | -0.04 | 21 | -0.02 | 21 | -0.01 | |
| Indoor dust filtration factor | 2 | 0.16 | 2 | 0.16 | 4 | 0.16 | 4 | 0.12 | |
| Depth of soil mixing layer | 9 | 0.08 | 9 | 0.08 | 5 | -0.15 | 5 | -0.11 | |
| Depth of roots | 19 | -0.01 | 19 | -0.01 | 18 | 0.04 | 18 | 0.03 | |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 4 | -0.14 | 4 | -0.14 | 15 | -0.06 | 15 | -0.05 | |
| Weathering removal constant of all vegetation | 5 | -0.13 | 5 | -0.13 | 19 | -0.03 | 19 | -0.02 | |
| Wet foliar interception fraction of leafy vegetables | 10 | -0.08 | 10 | -0.08 | 3 | -0.24 | 3 | -0.18 | |
| R-SQUARE | | 0.14 | | 0.14 | | 0.44 | | 0.44 | |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Plant (WaterDep.) Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC 3 | | SRC 3 | | PRCC 3 | | SRRC 3 | |
|--|----------|-------|----------|-------|-----------|-------|-----------|-------|
| | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | 17 | 0.04 | 16 | 0.04 | 12 | -0.05 | 12 | -0.04 |
| Kd of Pb-210 in Unsaturated Zone 1 | 21 | -0.02 | 21 | -0.02 | 1 | -0.46 | 1 | -0.44 |
| Kd of Pb-210 in Saturated Zone | 20 | 0.02 | 20 | 0.02 | 7 | -0.09 | 7 | -0.07 |
| Kd of Ra-226 in Contaminated Zone | 18 | -0.02 | 18 | -0.02 | 8 | 0.08 | 8 | 0.07 |
| Kd of Ra-226 in Unsaturated Zone 1 | 15 | -0.05 | 15 | -0.04 | 15 | 0.03 | 15 | 0.03 |
| Kd of Ra-226 in Saturated Zone | 22 | -0.01 | 22 | -0.01 | 20 | 0.00 | 20 | 0.00 |
| Plant transfer factor for Pb | 13 | 0.07 | 13 | 0.07 | 13 | 0.05 | 13 | 0.04 |
| Meat transfer factor for Pb | 6 | -0.09 | 7 | -0.09 | 17 | -0.02 | 17 | -0.02 |
| Milk transfer factor for Pb | 8 | -0.08 | 9 | -0.08 | 19 | 0.01 | 19 | 0.01 |
| Fish transfer factor for Pb | 2 | 0.22 | 2 | 0.21 | 10 | 0.07 | 10 | 0.06 |
| Plant transfer factor for Ra | 11 | -0.08 | 11 | -0.07 | 16 | -0.03 | 16 | -0.02 |
| Meat transfer factor for Ra | 5 | -0.10 | 5 | -0.10 | 6 | -0.09 | 6 | -0.08 |
| Milk transfer factor for Ra | 3 | -0.18 | 3 | -0.17 | 22 | 0.00 | 22 | 0.00 |
| Fish transfer factor for Ra | 10 | -0.08 | 10 | -0.08 | 9 | 0.07 | 9 | 0.06 |
| Well pumping rate | 12 | -0.08 | 12 | -0.07 | 11 | -0.05 | 11 | -0.04 |
| Mass loading for inhalation | 9 | -0.08 | 6 | -0.09 | 2 | -0.20 | 2 | -0.18 |
| Indoor dust filtration factor | 16 | -0.04 | 17 | -0.04 | 3 | 0.19 | 3 | 0.17 |
| Depth of soil mixing layer | 1 | 0.23 | 1 | 0.22 | 5 | 0.10 | 5 | 0.09 |
| Depth of roots | 7 | 0.09 | 8 | 0.09 | 14 | -0.03 | 14 | -0.03 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 14 | -0.05 | 14 | -0.05 | 21 | 0.00 | 21 | 0.00 |
| Weathering removal constant of all vegetation | 19 | -0.02 | 19 | -0.02 | 18 | 0.01 | 18 | 0.01 |
| Wet foliar interception fraction of leafy vegetables | 4 | 0.16 | 4 | 0.15 | 4 | 0.12 | 4 | 0.10 |
| R-SQUARE | | 0.20 | | 0.20 | | 0.28 | | 0.28 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Meat (WaterDep.) Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|------|-------|------|-------|
| | Sig | Coef | Sig | Coef | Sig | Coef | Sig | Coef |
| Kd of Pb-210 in Contaminated Zone | 13 | 0.04 | 13 | 0.04 | 8 | -0.10 | 8 | -0.08 |
| Kd of Pb-210 in Unsaturated Zone 1 | 5 | -0.11 | 5 | -0.10 | 1 | -0.50 | 1 | -0.45 |
| Kd of Pb-210 in Saturated Zone | 21 | -0.01 | 21 | -0.01 | 22 | 0.00 | 22 | 0.00 |
| Kd of Ra-226 in Contaminated Zone | 22 | 0.01 | 22 | 0.01 | 14 | -0.08 | 14 | -0.06 |
| Kd of Ra-226 in Unsaturated Zone 1 | 15 | 0.03 | 15 | 0.03 | 9 | -0.10 | 9 | -0.08 |
| Kd of Ra-226 in Saturated Zone | 11 | -0.06 | 11 | -0.06 | 13 | -0.09 | 13 | -0.07 |
| Plant transfer factor for Pb | 20 | 0.01 | 20 | 0.01 | 3 | 0.23 | 3 | 0.18 |
| Meat transfer factor for Pb | 3 | 0.18 | 3 | 0.18 | 5 | -0.18 | 5 | -0.14 |
| Milk transfer factor for Pb | 1 | 0.20 | 1 | 0.20 | 21 | -0.02 | 21 | -0.02 |
| Fish transfer factor for Pb | 18 | -0.02 | 18 | -0.02 | 16 | -0.07 | 16 | -0.05 |
| Plant transfer factor for Ra | 6 | -0.10 | 6 | -0.10 | 15 | 0.07 | 15 | 0.06 |
| Meat transfer factor for Ra | 14 | -0.03 | 14 | -0.04 | 10 | 0.09 | 11 | 0.07 |
| Milk transfer factor for Ra | 8 | 0.09 | 8 | 0.09 | 12 | 0.09 | 12 | 0.07 |
| Fish transfer factor for Ra | 7 | -0.09 | 7 | -0.09 | 6 | -0.16 | 6 | -0.13 |
| Well pumping rate | 9 | 0.08 | 9 | 0.07 | 18 | -0.05 | 18 | -0.04 |
| Mass loading for inhalation | 16 | 0.02 | 16 | 0.02 | 17 | 0.06 | 17 | 0.05 |
| Indoor dust filtration factor | 12 | 0.04 | 12 | 0.04 | 19 | 0.05 | 19 | 0.04 |
| Depth of soil mixing layer | 17 | -0.02 | 17 | -0.02 | 4 | -0.22 | 4 | -0.17 |
| Depth of roots | 2 | 0.19 | 2 | 0.19 | 2 | 0.30 | 2 | 0.25 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 19 | -0.02 | 19 | -0.02 | 7 | 0.10 | 7 | 0.08 |
| Weathering removal constant of all vegetation | 10 | -0.06 | 10 | -0.06 | 20 | -0.02 | 20 | -0.02 |
| Wet foliar interception fraction of leafy vegetables | 4 | -0.13 | 4 | -0.13 | 11 | -0.09 | 10 | -0.07 |
| R-SQUARE | | 0.13 | | 0.13 | | 0.39 | | 0.39 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Meat (WaterDep.) Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|------|-------|------|-------|
| | Sig | Coef | Sig | Coef | Sig | Coef | Sig | Coef |
| Kd of Pb-210 in Contaminated Zone | 22 | -0.01 | 21 | -0.01 | 12 | -0.11 | 12 | -0.08 |
| Kd of Pb-210 in Unsaturated Zone 1 | 20 | -0.01 | 20 | -0.01 | 1 | -0.56 | 1 | -0.50 |
| Kd of Pb-210 in Saturated Zone | 7 | -0.10 | 7 | -0.11 | 20 | -0.02 | 20 | -0.01 |
| Kd of Ra-226 in Contaminated Zone | 21 | 0.01 | 22 | 0.01 | 14 | -0.07 | 14 | -0.05 |
| Kd of Ra-226 in Unsaturated Zone 1 | 16 | -0.01 | 16 | -0.01 | 22 | -0.01 | 22 | -0.01 |
| Kd of Ra-226 in Saturated Zone | 13 | -0.04 | 12 | -0.05 | 9 | 0.12 | 9 | 0.09 |
| Plant transfer factor for Pb | 8 | -0.09 | 8 | -0.09 | 11 | 0.11 | 11 | 0.09 |
| Meat transfer factor for Pb | 1 | 0.23 | 1 | 0.24 | 6 | 0.14 | 6 | 0.11 |
| Milk transfer factor for Pb | 18 | -0.01 | 18 | -0.01 | 7 | 0.14 | 7 | 0.11 |
| Fish transfer factor for Pb | 17 | 0.01 | 17 | 0.01 | 10 | 0.12 | 10 | 0.09 |
| Plant transfer factor for Ra | 6 | -0.12 | 6 | -0.12 | 8 | -0.12 | 8 | -0.09 |
| Meat transfer factor for Ra | 3 | 0.15 | 3 | 0.15 | 17 | 0.05 | 17 | 0.04 |
| Milk transfer factor for Ra | 14 | 0.04 | 14 | 0.04 | 13 | 0.08 | 13 | 0.06 |
| Fish transfer factor for Ra | 11 | -0.05 | 11 | -0.06 | 2 | -0.32 | 2 | -0.25 |
| Well pumping rate | 15 | 0.02 | 15 | 0.02 | 16 | 0.05 | 16 | 0.04 |
| Mass loading for inhalation | 12 | -0.05 | 13 | -0.05 | 21 | -0.02 | 21 | -0.01 |
| Indoor dust filtration factor | 2 | 0.16 | 2 | 0.16 | 4 | 0.16 | 4 | 0.12 |
| Depth of soil mixing layer | 9 | 0.08 | 9 | 0.08 | 5 | -0.15 | 5 | -0.11 |
| Depth of roots | 19 | -0.01 | 19 | -0.01 | 18 | 0.04 | 18 | 0.03 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 4 | -0.14 | 4 | -0.14 | 15 | -0.06 | 15 | -0.05 |
| Weathering removal constant of all vegetation | 5 | -0.13 | 5 | -0.13 | 19 | -0.03 | 19 | -0.02 |
| Wet foliar interception fraction of leafy vegetables | 10 | -0.07 | 10 | -0.08 | 3 | -0.23 | 3 | -0.18 |
| R-SQUARE | | 0.14 | | 0.14 | | 0.44 | | 0.44 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Meat (WaterDep.) Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC 3 | | SRC 3 | | PRCC 3 | | SRRC 3 | |
|--|----------|-------|----------|-------|-----------|-------|-----------|-------|
| | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | 12 | 0.07 | 10 | 0.08 | 12 | -0.05 | 12 | -0.04 |
| Kd of Pb-210 in Unsaturated Zone 1 | 18 | -0.01 | 18 | -0.01 | 1 | -0.46 | 1 | -0.44 |
| Kd of Pb-210 in Saturated Zone | 22 | 0.00 | 22 | 0.00 | 6 | -0.09 | 6 | -0.08 |
| Kd of Ra-226 in Contaminated Zone | 17 | -0.02 | 17 | -0.02 | 8 | 0.08 | 8 | 0.07 |
| Kd of Ra-226 in Unsaturated Zone 1 | 16 | -0.06 | 16 | -0.06 | 15 | 0.03 | 15 | 0.03 |
| Kd of Ra-226 in Saturated Zone | 20 | 0.01 | 19 | 0.01 | 20 | 0.01 | 20 | 0.01 |
| Plant transfer factor for Pb | 19 | 0.01 | 20 | 0.01 | 13 | 0.04 | 13 | 0.04 |
| Meat transfer factor for Pb | 11 | -0.08 | 12 | -0.08 | 17 | -0.02 | 17 | -0.02 |
| Milk transfer factor for Pb | 7 | -0.10 | 6 | -0.10 | 19 | 0.01 | 19 | 0.01 |
| Fish transfer factor for Pb | 1 | 0.20 | 2 | 0.19 | 10 | 0.07 | 10 | 0.06 |
| Plant transfer factor for Ra | 9 | -0.08 | 11 | -0.08 | 16 | -0.03 | 16 | -0.02 |
| Meat transfer factor for Ra | 14 | -0.07 | 14 | -0.06 | 7 | -0.08 | 7 | -0.07 |
| Milk transfer factor for Ra | 2 | -0.19 | 1 | -0.19 | 22 | 0.00 | 22 | 0.00 |
| Fish transfer factor for Ra | 10 | -0.08 | 9 | -0.08 | 9 | 0.07 | 9 | 0.06 |
| Well pumping rate | 6 | -0.10 | 7 | -0.10 | 11 | -0.05 | 11 | -0.04 |
| Mass loading for inhalation | 5 | -0.11 | 5 | -0.12 | 2 | -0.20 | 2 | -0.18 |
| Indoor dust filtration factor | 8 | -0.10 | 8 | -0.09 | 3 | 0.19 | 3 | 0.16 |
| Depth of soil mixing layer | 4 | 0.15 | 4 | 0.14 | 5 | 0.10 | 5 | 0.08 |
| Depth of roots | 13 | 0.07 | 13 | 0.07 | 14 | -0.03 | 14 | -0.03 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 15 | -0.06 | 15 | -0.06 | 21 | 0.00 | 21 | 0.00 |
| Weathering removal constant of all vegetation | 21 | 0.01 | 21 | 0.01 | 18 | 0.02 | 18 | 0.01 |
| Wet foliar interception fraction of leafy vegetables | 3 | 0.16 | 3 | 0.16 | 4 | 0.11 | 4 | 0.10 |
| R-SQUARE | | 0.18 | | 0.18 | | 0.28 | | 0.28 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

| Coefficients for peak Milk (WaterDep.) Dose | | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|-----|-------|-----|-------|--|
| Coefficient = | | 1 | | 1 | | 1 | | 1 | |
| Repetition = | | | | | | | | | |
| Description of Probabilistic Variable | Sig | Coef | Sig | Coef | Sig | Coef | Sig | Coef | |
| Kd of Pb-210 in Contaminated Zone | 13 | 0.04 | 13 | 0.04 | 7 | -0.10 | 7 | -0.08 | |
| Kd of Pb-210 in Unsaturated Zone 1 | 5 | -0.11 | 5 | -0.10 | 1 | -0.50 | 1 | -0.45 | |
| Kd of Pb-210 in Saturated Zone | 20 | -0.01 | 21 | -0.01 | 22 | 0.00 | 22 | 0.00 | |
| Kd of Ra-226 in Contaminated Zone | 22 | 0.01 | 22 | 0.01 | 14 | -0.08 | 14 | -0.06 | |
| Kd of Ra-226 in Unsaturated Zone 1 | 17 | 0.03 | 15 | 0.03 | 9 | -0.10 | 9 | -0.08 | |
| Kd of Ra-226 in Saturated Zone | 10 | -0.06 | 10 | -0.06 | 13 | -0.09 | 13 | -0.07 | |
| Plant transfer factor for Pb | 21 | 0.01 | 20 | 0.01 | 3 | 0.23 | 3 | 0.18 | |
| Meat transfer factor for Pb | 3 | 0.17 | 3 | 0.18 | 5 | -0.18 | 5 | -0.14 | |
| Milk transfer factor for Pb | 1 | 0.20 | 1 | 0.20 | 21 | -0.02 | 21 | -0.02 | |
| Fish transfer factor for Pb | 16 | -0.03 | 16 | -0.03 | 16 | -0.07 | 16 | -0.05 | |
| Plant transfer factor for Ra | 6 | -0.10 | 6 | -0.10 | 15 | 0.07 | 15 | 0.06 | |
| Meat transfer factor for Ra | 14 | -0.03 | 14 | -0.03 | 11 | 0.09 | 11 | 0.07 | |
| Milk transfer factor for Ra | 8 | 0.09 | 8 | 0.09 | 12 | 0.09 | 12 | 0.07 | |
| Fish transfer factor for Ra | 7 | -0.10 | 7 | -0.09 | 6 | -0.16 | 6 | -0.13 | |
| Well pumping rate | 9 | 0.07 | 9 | 0.07 | 18 | -0.05 | 18 | -0.04 | |
| Mass loading for inhalation | 15 | 0.03 | 17 | 0.03 | 17 | 0.06 | 17 | 0.05 | |
| Indoor dust filtration factor | 12 | 0.04 | 12 | 0.04 | 19 | 0.05 | 19 | 0.04 | |
| Depth of soil mixing layer | 18 | -0.02 | 18 | -0.02 | 4 | -0.22 | 4 | -0.17 | |
| Depth of roots | 2 | 0.19 | 2 | 0.19 | 2 | 0.30 | 2 | 0.25 | |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 19 | -0.02 | 19 | -0.01 | 8 | 0.10 | 8 | 0.08 | |
| Weathering removal constant of all vegetation | 11 | -0.06 | 11 | -0.06 | 20 | -0.02 | 20 | -0.02 | |
| Wet foliar interception fraction of leafy vegetables | 4 | -0.13 | 4 | -0.13 | 10 | -0.09 | 10 | -0.07 | |
| R-SQUARE | | 0.13 | | 0.13 | | 0.39 | | 0.39 | |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

| Coefficients for peak Milk (WaterDep.) Dose | | PCC | | SRC | | PRCC | | SRRC | |
|--|--|-----|-------|-----|-------|------|-------|------|-------|
| Coefficient = | | 2 | | 2 | | 2 | | 2 | |
| Repetition = | | | | | | | | | |
| Description of Probabilistic Variable | | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | | 21 | -0.01 | 21 | -0.01 | 12 | -0.11 | 12 | -0.08 |
| Kd of Pb-210 in Unsaturated Zone 1 | | 18 | -0.01 | 18 | -0.01 | 1 | -0.56 | 1 | -0.50 |
| Kd of Pb-210 in Saturated Zone | | 7 | -0.10 | 7 | -0.10 | 20 | -0.02 | 20 | -0.01 |
| Kd of Ra-226 in Contaminated Zone | | 22 | 0.00 | 22 | 0.00 | 14 | -0.07 | 14 | -0.05 |
| Kd of Ra-226 in Unsaturated Zone 1 | | 17 | -0.01 | 17 | -0.01 | 22 | -0.01 | 22 | -0.01 |
| Kd of Ra-226 in Saturated Zone | | 14 | -0.04 | 13 | -0.05 | 9 | 0.12 | 9 | 0.09 |
| Plant transfer factor for Pb | | 8 | -0.08 | 8 | -0.08 | 11 | 0.11 | 11 | 0.09 |
| Meat transfer factor for Pb | | 1 | 0.24 | 1 | 0.25 | 7 | 0.14 | 7 | 0.11 |
| Milk transfer factor for Pb | | 19 | -0.01 | 19 | -0.01 | 6 | 0.14 | 6 | 0.11 |
| Fish transfer factor for Pb | | 16 | 0.02 | 15 | 0.02 | 10 | 0.12 | 10 | 0.09 |
| Plant transfer factor for Ra | | 5 | -0.13 | 6 | -0.13 | 8 | -0.12 | 8 | -0.09 |
| Meat transfer factor for Ra | | 3 | 0.15 | 3 | 0.15 | 17 | 0.05 | 17 | 0.04 |
| Milk transfer factor for Ra | | 13 | 0.04 | 14 | 0.04 | 13 | 0.08 | 13 | 0.06 |
| Fish transfer factor for Ra | | 11 | -0.05 | 11 | -0.07 | 2 | -0.32 | 2 | -0.25 |
| Well pumping rate | | 15 | 0.02 | 16 | 0.02 | 16 | 0.05 | 16 | 0.04 |
| Mass loading for inhalation | | 12 | -0.05 | 12 | -0.05 | 21 | -0.02 | 21 | -0.01 |
| Indoor dust filtration factor | | 2 | 0.15 | 2 | 0.15 | 4 | 0.16 | 4 | 0.12 |
| Depth of soil mixing layer | | 9 | 0.07 | 10 | 0.07 | 5 | -0.15 | 5 | -0.11 |
| Depth of roots | | 20 | -0.01 | 20 | -0.01 | 18 | 0.04 | 18 | 0.03 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | | 4 | -0.14 | 4 | -0.14 | 15 | -0.06 | 15 | -0.05 |
| Weathering removal constant of all vegetation | | 6 | -0.13 | 5 | -0.13 | 19 | -0.03 | 19 | -0.02 |
| Wet foliar interception fraction of leafy vegetables | | 10 | -0.07 | 9 | -0.07 | 3 | -0.24 | 3 | -0.18 |
| R-SQUARE | | | 0.15 | | 0.15 | | 0.44 | | 0.44 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Milk (WaterDep.) Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|------|-------|------|-------|
| | Sig | Coef | Sig | Coef | Sig | Coef | Sig | Coef |
| Kd of Pb-210 in Contaminated Zone | 21 | -0.01 | 20 | -0.01 | 12 | -0.05 | 12 | -0.04 |
| Kd of Pb-210 in Unsaturated Zone 1 | 20 | -0.01 | 21 | -0.01 | 1 | -0.46 | 1 | -0.44 |
| Kd of Pb-210 in Saturated Zone | 16 | 0.03 | 17 | 0.03 | 7 | -0.09 | 7 | -0.07 |
| Kd of Ra-226 in Contaminated Zone | 17 | -0.03 | 16 | -0.03 | 8 | 0.08 | 8 | 0.07 |
| Kd of Ra-226 in Unsaturated Zone 1 | 15 | -0.04 | 15 | -0.04 | 15 | 0.03 | 15 | 0.03 |
| Kd of Ra-226 in Saturated Zone | 13 | -0.05 | 13 | -0.05 | 20 | 0.00 | 20 | 0.00 |
| Plant transfer factor for Pb | 6 | 0.07 | 6 | 0.07 | 13 | 0.05 | 13 | 0.04 |
| Meat transfer factor for Pb | 5 | -0.09 | 5 | -0.09 | 17 | -0.02 | 17 | -0.02 |
| Milk transfer factor for Pb | 14 | -0.04 | 14 | -0.04 | 19 | 0.01 | 19 | 0.01 |
| Fish transfer factor for Pb | 11 | 0.05 | 11 | 0.05 | 10 | 0.07 | 10 | 0.06 |
| Plant transfer factor for Ra | 9 | -0.06 | 10 | -0.06 | 16 | -0.03 | 16 | -0.02 |
| Meat transfer factor for Ra | 3 | -0.14 | 3 | -0.13 | 6 | -0.09 | 6 | -0.08 |
| Milk transfer factor for Ra | 4 | -0.12 | 4 | -0.12 | 22 | 0.00 | 22 | 0.00 |
| Fish transfer factor for Ra | 10 | -0.06 | 8 | -0.07 | 9 | 0.07 | 9 | 0.06 |
| Well pumping rate | 18 | -0.02 | 18 | -0.02 | 11 | -0.05 | 11 | -0.04 |
| Mass loading for inhalation | 19 | -0.01 | 19 | -0.02 | 2 | -0.20 | 2 | -0.18 |
| Indoor dust filtration factor | 8 | 0.06 | 9 | 0.06 | 3 | 0.19 | 3 | 0.17 |
| Depth of soil mixing layer | 1 | 0.22 | 1 | 0.21 | 5 | 0.10 | 5 | 0.09 |
| Depth of roots | 12 | 0.05 | 12 | 0.05 | 14 | -0.03 | 14 | -0.03 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 7 | -0.07 | 7 | -0.07 | 21 | 0.00 | 21 | 0.00 |
| Weathering removal constant of all vegetation | 22 | 0.00 | 22 | 0.00 | 18 | 0.01 | 18 | 0.01 |
| Wet foliar interception fraction of leafy vegetables | 2 | 0.16 | 2 | 0.16 | 4 | 0.12 | 4 | 0.10 |
| R-SQUARE | | 0.13 | | 0.13 | | 0.28 | | 0.28 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Pb-210 Dose
 Coefficient =
 Repetition =

| Description of Probabilistic Variable | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|------|-------|------|-------|
| | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff |
| Kd of Pb-210 in Contaminated Zone | 12 | 0.06 | 12 | 0.00 | 5 | 0.18 | 5 | 0.00 |
| Kd of Pb-210 in Unsaturated Zone 1 | 18 | 0.01 | 18 | 0.00 | 3 | -0.21 | 3 | 0.00 |
| Kd of Pb-210 in Saturated Zone | 17 | 0.02 | 17 | 0.00 | 20 | 0.02 | 20 | 0.00 |
| Kd of Ra-226 in Contaminated Zone | 7 | 0.11 | 7 | 0.00 | 6 | -0.16 | 6 | 0.00 |
| Kd of Ra-226 in Unsaturated Zone 1 | 20 | 0.00 | 20 | 0.00 | 22 | 0.00 | 22 | 0.00 |
| Kd of Ra-226 in Saturated Zone | 15 | -0.04 | 15 | 0.00 | 10 | -0.09 | 10 | 0.00 |
| Plant transfer factor for Pb | 1 | 1.00 | 1 | 1.00 | 1 | 1.00 | 1 | 1.00 |
| Meat transfer factor for Pb | 3 | 0.98 | 3 | 0.00 | 7 | 0.16 | 7 | 0.00 |
| Milk transfer factor for Pb | 2 | 1.00 | 2 | 0.01 | 2 | 0.43 | 2 | 0.01 |
| Fish transfer factor for Pb | 4 | -0.22 | 4 | 0.00 | 21 | -0.02 | 21 | 0.00 |
| Plant transfer factor for Ra | 19 | 0.01 | 19 | 0.00 | 17 | 0.03 | 17 | 0.00 |
| Meat transfer factor for Ra | 14 | -0.04 | 13 | 0.00 | 16 | -0.03 | 16 | 0.00 |
| Milk transfer factor for Ra | 5 | -0.19 | 5 | 0.00 | 11 | 0.09 | 11 | 0.00 |
| Fish transfer factor for Ra | 13 | 0.05 | 14 | 0.00 | 15 | -0.03 | 15 | 0.00 |
| Well pumping rate | 8 | 0.11 | 8 | 0.00 | 19 | 0.02 | 19 | 0.00 |
| Mass loading for inhalation | 6 | 0.16 | 6 | 0.00 | 9 | -0.12 | 9 | 0.00 |
| Indoor dust filtration factor | 11 | 0.08 | 11 | 0.00 | 4 | 0.19 | 4 | 0.00 |
| Depth of soil mixing layer | 9 | -0.11 | 9 | 0.00 | 12 | -0.07 | 12 | 0.00 |
| Depth of roots | 22 | 0.00 | 22 | 0.00 | 18 | -0.03 | 18 | 0.00 |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 21 | 0.00 | 21 | 0.00 | 13 | 0.05 | 13 | 0.00 |
| Weathering removal constant of all vegetation | 10 | -0.09 | 10 | 0.00 | 8 | 0.16 | 8 | 0.00 |
| Wet foliar interception fraction of leafy vegetables | 16 | 0.02 | 16 | 0.00 | 14 | -0.05 | 14 | 0.00 |
| R-SQUARE | | 1.00 | | 1.00 | | 1.00 | | 1.00 |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

| Coefficients for peak Pb-210 Dose | | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| Coefficient = | | 2 | | 2 | | 2 | | 2 | |
| Repetition = | | | | | | | | | |
| Description of Probabilistic Variable | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig |
| Kd of Pb-210 in Contaminated Zone | 13 | 0.11 | 11 | 0.00 | 20 | 0.02 | 20 | 0.00 | |
| Kd of Pb-210 in Unsaturated Zone 1 | 15 | -0.08 | 15 | 0.00 | 6 | 0.15 | 6 | 0.00 | |
| Kd of Pb-210 in Saturated Zone | 17 | 0.06 | 17 | 0.00 | 16 | -0.04 | 16 | 0.00 | |
| Kd of Ra-226 in Contaminated Zone | 22 | 0.00 | 22 | 0.00 | 15 | 0.04 | 15 | 0.00 | |
| Kd of Ra-226 in Unsaturated Zone 1 | 19 | 0.03 | 21 | 0.00 | 17 | -0.03 | 17 | 0.00 | |
| Kd of Ra-226 in Saturated Zone | 20 | 0.03 | 19 | 0.00 | 18 | -0.03 | 18 | 0.00 | |
| Plant transfer factor for Pb | 1 | 1.00 | 1 | 1.00 | 1 | 1.00 | 1 | 1.00 | |
| Meat transfer factor for Pb | 3 | 0.97 | 3 | 0.00 | 9 | 0.11 | 9 | 0.00 | |
| Milk transfer factor for Pb | 2 | 0.99 | 2 | 0.01 | 2 | 0.43 | 2 | 0.01 | |
| Fish transfer factor for Pb | 12 | 0.11 | 13 | 0.00 | 7 | -0.14 | 7 | 0.00 | |
| Plant transfer factor for Ra | 7 | 0.15 | 7 | 0.00 | 5 | -0.15 | 5 | 0.00 | |
| Meat transfer factor for Ra | 4 | 0.38 | 4 | 0.00 | 21 | -0.01 | 21 | 0.00 | |
| Milk transfer factor for Ra | 18 | -0.06 | 18 | 0.00 | 8 | -0.12 | 8 | 0.00 | |
| Fish transfer factor for Ra | 21 | 0.03 | 20 | 0.00 | 19 | -0.02 | 19 | 0.00 | |
| Well pumping rate | 10 | -0.12 | 10 | 0.00 | 14 | 0.05 | 14 | 0.00 | |
| Mass loading for inhalation | 6 | -0.17 | 6 | 0.00 | 22 | 0.00 | 22 | 0.00 | |
| Indoor dust filtration factor | 5 | -0.27 | 5 | 0.00 | 12 | 0.08 | 12 | 0.00 | |
| Depth of soil mixing layer | 11 | 0.12 | 12 | 0.00 | 13 | 0.05 | 13 | 0.00 | |
| Depth of roots | 14 | -0.10 | 14 | 0.00 | 11 | 0.08 | 11 | 0.00 | |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 16 | -0.06 | 16 | 0.00 | 3 | 0.20 | 3 | 0.00 | |
| Weathering removal constant of all vegetation | 8 | -0.13 | 9 | 0.00 | 10 | 0.10 | 10 | 0.00 | |
| Wet foliar interception fraction of leafy vegetables | 9 | 0.13 | 8 | 0.00 | 4 | -0.17 | 4 | 0.00 | |
| R-SQUARE | | 1.00 | | 1.00 | | 1.00 | | 1.00 | |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

| Coefficients for peak Pb-210 Dose | | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| Coefficient = | | 3 | | 3 | | 3 | | 3 | |
| Repetition = | | | | | | | | | |
| Description of Probabilistic Variable | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig |
| Kd of Pb-210 in Contaminated Zone | 14 | -0.03 | 13 | 0.00 | 18 | 0.02 | 18 | 0.00 | |
| Kd of Pb-210 in Unsaturated Zone 1 | 19 | -0.02 | 19 | 0.00 | 10 | 0.10 | 10 | 0.00 | |
| Kd of Pb-210 in Saturated Zone | 7 | 0.11 | 7 | 0.00 | 3 | -0.27 | 3 | -0.01 | |
| Kd of Ra-226 in Contaminated Zone | 13 | -0.03 | 14 | 0.00 | 22 | 0.00 | 22 | 0.00 | |
| Kd of Ra-226 in Unsaturated Zone 1 | 17 | 0.02 | 17 | 0.00 | 11 | 0.09 | 11 | 0.00 | |
| Kd of Ra-226 in Saturated Zone | 10 | -0.05 | 10 | 0.00 | 14 | 0.06 | 14 | 0.00 | |
| Plant transfer factor for Pb | 1 | 1.00 | 1 | 1.00 | 1 | 1.00 | 1 | 1.00 | |
| Meat transfer factor for Pb | 3 | 0.96 | 3 | 0.00 | 6 | 0.21 | 6 | 0.00 | |
| Milk transfer factor for Pb | 2 | 0.99 | 2 | 0.01 | 2 | 0.29 | 2 | 0.01 | |
| Fish transfer factor for Pb | 21 | 0.01 | 21 | 0.00 | 19 | -0.02 | 19 | 0.00 | |
| Plant transfer factor for Ra | 15 | 0.02 | 15 | 0.00 | 20 | -0.01 | 20 | 0.00 | |
| Meat transfer factor for Ra | 9 | -0.07 | 9 | 0.00 | 17 | -0.04 | 17 | 0.00 | |
| Milk transfer factor for Ra | 5 | 0.18 | 5 | 0.00 | 8 | -0.10 | 8 | 0.00 | |
| Fish transfer factor for Ra | 20 | 0.01 | 20 | 0.00 | 7 | 0.18 | 7 | 0.00 | |
| Well pumping rate | 4 | 0.21 | 4 | 0.00 | 12 | -0.08 | 12 | 0.00 | |
| Mass loading for inhalation | 6 | 0.12 | 6 | 0.00 | 13 | -0.07 | 13 | 0.00 | |
| Indoor dust filtration factor | 18 | -0.02 | 18 | 0.00 | 15 | -0.05 | 15 | 0.00 | |
| Depth of soil mixing layer | 16 | 0.02 | 16 | 0.00 | 21 | 0.00 | 21 | 0.00 | |
| Depth of roots | 8 | 0.11 | 8 | 0.00 | 9 | -0.10 | 9 | 0.00 | |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 12 | -0.04 | 12 | 0.00 | 5 | 0.23 | 5 | 0.00 | |
| Weathering removal constant of all vegetation | 11 | 0.04 | 11 | 0.00 | 4 | -0.24 | 4 | -0.01 | |
| Wet foliar interception fraction of leafy vegetables | 22 | 0.00 | 22 | 0.00 | 16 | -0.04 | 16 | 0.00 | |
| R-SQUARE | | 1.00 | | 1.00 | | 1.00 | | 1.00 | |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

| Coefficients for peak Ra-226 Dose | | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| Coefficient = | | 1 | | 1 | | 1 | | 1 | |
| Repetition = | | | | | | | | | |
| Description of Probabilistic Variable | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig |
| Kd of Pb-210 in Contaminated Zone | 10 | 0.10 | 9 | 0.00 | 12 | -0.06 | 12 | -0.02 | |
| Kd of Pb-210 in Unsaturated Zone 1 | 16 | -0.04 | 16 | 0.00 | 10 | -0.06 | 10 | -0.02 | |
| Kd of Pb-210 in Saturated Zone | 22 | 0.02 | 22 | 0.00 | 3 | -0.20 | 3 | -0.07 | |
| Kd of Ra-226 in Contaminated Zone | 21 | 0.02 | 20 | 0.00 | 20 | 0.01 | 20 | 0.00 | |
| Kd of Ra-226 in Unsaturated Zone 1 | 5 | 0.19 | 5 | 0.00 | 16 | -0.03 | 16 | -0.01 | |
| Kd of Ra-226 in Saturated Zone | 11 | 0.09 | 11 | 0.00 | 22 | 0.00 | 22 | 0.00 | |
| Plant transfer factor for Pb | 2 | 1.00 | 2 | 0.45 | 2 | 0.82 | 2 | 0.47 | |
| Meat transfer factor for Pb | 6 | 0.18 | 7 | 0.00 | 18 | 0.01 | 18 | 0.00 | |
| Milk transfer factor for Pb | 4 | 0.22 | 4 | 0.00 | 6 | -0.10 | 6 | -0.03 | |
| Fish transfer factor for Pb | 14 | 0.05 | 14 | 0.00 | 15 | -0.03 | 15 | -0.01 | |
| Plant transfer factor for Ra | 1 | 1.00 | 1 | 0.87 | 1 | 0.93 | 1 | 0.81 | |
| Meat transfer factor for Ra | 7 | 0.17 | 6 | 0.00 | 7 | -0.08 | 7 | -0.03 | |
| Milk transfer factor for Ra | 8 | 0.16 | 8 | 0.00 | 17 | -0.02 | 17 | -0.01 | |
| Fish transfer factor for Ra | 20 | 0.03 | 21 | 0.00 | 14 | -0.05 | 14 | -0.02 | |
| Well pumping rate | 13 | -0.05 | 13 | 0.00 | 8 | -0.07 | 8 | -0.02 | |
| Mass loading for inhalation | 19 | -0.03 | 19 | 0.00 | 5 | -0.10 | 5 | -0.03 | |
| Indoor dust filtration factor | 18 | -0.04 | 18 | 0.00 | 9 | -0.06 | 9 | -0.02 | |
| Depth of soil mixing layer | 15 | -0.05 | 15 | 0.00 | 13 | 0.06 | 13 | 0.02 | |
| Depth of roots | 3 | 0.30 | 3 | 0.00 | 4 | 0.13 | 4 | 0.04 | |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 12 | 0.08 | 12 | 0.00 | 19 | 0.01 | 19 | 0.00 | |
| Weathering removal constant of all vegetation | 17 | -0.04 | 17 | 0.00 | 11 | -0.06 | 11 | -0.02 | |
| Wet foliar interception fraction of leafy vegetables | 9 | -0.10 | 10 | 0.00 | 21 | 0.01 | 21 | 0.00 | |
| R-SQUARE | | 1.00 | | 1.00 | | 0.89 | | 0.89 | |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

| Coefficients for peak Ra-226 Dose | | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|------|-----|-------|-----|-------|--|
| Coefficient = | | 2 | | 2 | | 2 | | 2 | |
| Repetition = | | | | | | | | | |
| Description of Probabilistic Variable | Sig | Coef | Sig | Coef | Sig | Coef | Sig | Coef | |
| Kd of Pb-210 in Contaminated Zone | 22 | 0.00 | 22 | 0.00 | 19 | -0.05 | 19 | -0.01 | |
| Kd of Pb-210 in Unsaturated Zone 1 | 12 | -0.05 | 12 | 0.00 | 20 | -0.02 | 20 | -0.01 | |
| Kd of Pb-210 in Saturated Zone | 17 | 0.03 | 17 | 0.00 | 9 | 0.12 | 9 | 0.04 | |
| Kd of Ra-226 in Contaminated Zone | 16 | 0.03 | 16 | 0.00 | 7 | -0.14 | 7 | -0.04 | |
| Kd of Ra-226 in Unsaturated Zone 1 | 9 | 0.08 | 9 | 0.00 | 15 | 0.09 | 15 | 0.03 | |
| Kd of Ra-226 in Saturated Zone | 8 | 0.10 | 7 | 0.00 | 6 | 0.15 | 6 | 0.05 | |
| Plant transfer factor for Pb | 2 | 1.00 | 2 | 0.40 | 2 | 0.84 | 2 | 0.48 | |
| Meat transfer factor for Pb | 3 | 0.28 | 3 | 0.00 | 4 | 0.19 | 4 | 0.06 | |
| Milk transfer factor for Pb | 4 | 0.26 | 4 | 0.00 | 16 | -0.09 | 16 | -0.03 | |
| Fish transfer factor for Pb | 21 | 0.01 | 21 | 0.00 | 3 | -0.20 | 3 | -0.06 | |
| Plant transfer factor for Ra | 1 | 1.00 | 1 | 0.86 | 1 | 0.94 | 1 | 0.83 | |
| Meat transfer factor for Ra | 6 | -0.11 | 8 | 0.00 | 22 | -0.01 | 22 | 0.00 | |
| Milk transfer factor for Ra | 5 | 0.16 | 5 | 0.00 | 13 | 0.11 | 13 | 0.03 | |
| Fish transfer factor for Ra | 7 | -0.11 | 6 | 0.00 | 14 | -0.10 | 14 | -0.03 | |
| Well pumping rate | 20 | 0.02 | 20 | 0.00 | 5 | 0.16 | 5 | 0.05 | |
| Mass loading for inhalation | 11 | -0.05 | 11 | 0.00 | 18 | -0.08 | 18 | -0.02 | |
| Indoor dust filtration factor | 19 | -0.02 | 19 | 0.00 | 12 | 0.11 | 12 | 0.04 | |
| Depth of soil mixing layer | 15 | 0.04 | 15 | 0.00 | 11 | -0.11 | 11 | -0.04 | |
| Depth of roots | 13 | 0.04 | 13 | 0.00 | 8 | 0.12 | 8 | 0.04 | |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 10 | 0.07 | 10 | 0.00 | 17 | 0.09 | 17 | 0.03 | |
| Weathering removal constant of all vegetation | 18 | -0.02 | 18 | 0.00 | 21 | -0.02 | 21 | -0.01 | |
| Wet foliar interception fraction of leafy vegetables | 14 | 0.04 | 14 | 0.00 | 10 | 0.12 | 10 | 0.04 | |
| R-SQUARE | | 1.00 | | 1.00 | | 0.91 | | 0.91 | |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

| Coefficients for peak Ra-226 Dose | | PCC | | SRC | | PRCC | | SRRC | |
|--|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| Coefficient = | | 3 | | 3 | | 3 | | 3 | |
| Repetition = | | | | | | | | | |
| Description of Probabilistic Variable | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig | Coeff | Sig |
| Kd of Pb-210 in Contaminated Zone | 3 | 0.18 | 3 | 0.00 | 5 | 0.19 | 5 | 0.06 | |
| Kd of Pb-210 in Unsaturated Zone 1 | 20 | -0.01 | 20 | 0.00 | 8 | -0.11 | 8 | -0.04 | |
| Kd of Pb-210 in Saturated Zone | 19 | 0.02 | 19 | 0.00 | 21 | 0.00 | 21 | 0.00 | |
| Kd of Ra-226 in Contaminated Zone | 22 | -0.01 | 22 | 0.00 | 9 | -0.10 | 9 | -0.03 | |
| Kd of Ra-226 in Unsaturated Zone 1 | 17 | -0.04 | 17 | 0.00 | 13 | 0.05 | 13 | 0.02 | |
| Kd of Ra-226 in Saturated Zone | 14 | 0.07 | 14 | 0.00 | 16 | -0.03 | 16 | -0.01 | |
| Plant transfer factor for Pb | 2 | 1.00 | 2 | 0.39 | 2 | 0.86 | 2 | 0.51 | |
| Meat transfer factor for Pb | 11 | 0.09 | 11 | 0.00 | 14 | -0.05 | 14 | -0.02 | |
| Milk transfer factor for Pb | 5 | 0.16 | 5 | 0.00 | 3 | -0.21 | 3 | -0.07 | |
| Fish transfer factor for Pb | 15 | -0.06 | 15 | 0.00 | 7 | 0.15 | 7 | 0.05 | |
| Plant transfer factor for Ra | 1 | 1.00 | 1 | 0.95 | 1 | 0.93 | 1 | 0.79 | |
| Meat transfer factor for Ra | 4 | 0.18 | 4 | 0.00 | 20 | 0.01 | 20 | 0.00 | |
| Milk transfer factor for Ra | 7 | 0.13 | 7 | 0.00 | 22 | 0.00 | 22 | 0.00 | |
| Fish transfer factor for Ra | 10 | 0.09 | 9 | 0.00 | 6 | -0.15 | 6 | -0.05 | |
| Well pumping rate | 16 | 0.04 | 16 | 0.00 | 12 | -0.08 | 12 | -0.02 | |
| Mass loading for inhalation | 21 | 0.01 | 21 | 0.00 | 19 | 0.02 | 19 | 0.01 | |
| Indoor dust filtration factor | 8 | -0.11 | 8 | 0.00 | 17 | 0.03 | 17 | 0.01 | |
| Depth of soil mixing layer | 18 | -0.03 | 18 | 0.00 | 4 | -0.21 | 4 | -0.07 | |
| Depth of roots | 9 | 0.09 | 10 | 0.00 | 15 | 0.04 | 15 | 0.01 | |
| Wet weight crop yield of fruit, grain and non-leafy vegetables | 6 | -0.15 | 6 | 0.00 | 18 | -0.02 | 18 | -0.01 | |
| Weathering removal constant of all vegetation | 12 | 0.08 | 12 | 0.00 | 11 | 0.09 | 11 | 0.03 | |
| Wet foliar interception fraction of leafy vegetables | 13 | -0.08 | 13 | 0.00 | 10 | -0.09 | 10 | -0.03 | |
| R-SQUARE | | 1.00 | | 1.00 | | 0.90 | | 0.90 | |

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
 -R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.