
Part VI: Uncertainty Analysis
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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 .00003
.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

0
 Probabilistic Total Dose Summary

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	8.47E-02	8.47E-02	8.21E-02	7.72E-02	6.21E-02	3.62E-02	5.27E-03	1.85E-07	5.02E-24	
Max	0.00E+00	1.27E+01	1.27E+01	1.22E+01	1.15E+01	9.08E+00	4.67E+00	5.20E-01	1.22E-03	4.33E-13	
Avg	0.00E+00	1.78E+00	1.78E+00	1.72E+00	1.62E+00	1.30E+00	7.00E-01	8.03E-02	1.64E-04	4.25E-14	
Std	0.00E+00	1.78E+00	1.78E+00	1.73E+00	1.62E+00	1.30E+00	6.97E-01	7.90E-02	1.60E-04	4.72E-14	
Ra-226											
Min	0.00E+00	1.65E+00	4.85E-01	5.03E-01	5.37E-01	6.43E-01	8.68E-01	1.34E+00	3.21E-01	2.71E-04	
Max	2.50E+02	4.07E+01	4.05E+01	4.05E+01	4.06E+01	4.07E+01	4.07E+01	4.02E+01	3.77E+01	1.95E+01	
Avg	2.45E+02	7.31E+00	3.74E+00	3.80E+00	3.91E+00	4.24E+00	4.89E+00	5.78E+00	7.03E+00	4.20E+00	
Std	2.29E+01	4.45E+00	4.09E+00	4.09E+00	4.10E+00	4.16E+00	4.31E+00	4.49E+00	4.22E+00	2.38E+00	
-ALL											
Min	0.00E+00	1.65E+00	9.80E-01	9.82E-01	9.87E-01	1.00E+00	1.06E+00	1.36E+00	3.21E-01	2.71E-04	
Max	2.50E+02	4.16E+01	4.16E+01	4.16E+01	4.16E+01	4.15E+01	4.12E+01	4.03E+01	3.77E+01	1.95E+01	
Avg	2.44E+02	7.32E+00	5.52E+00	5.52E+00	5.53E+00	5.54E+00	5.59E+00	5.86E+00	7.03E+00	4.20E+00	
Std	3.17E+01	4.52E+00	4.64E+00	4.64E+00	4.64E+00	4.63E+00	4.61E+00	4.53E+00	4.22E+00	2.38E+00	
=====											

-ALL is total dose summed for all nuclides.

0 Probabilistic Risk Summary

Nuclide (j)	t=	RISK(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		1.22E-06	1.18E-06	1.11E-06	8.95E-07	5.20E-07	7.67E-08	2.69E-12	6.56E-29
Max		1.83E-04	1.77E-04	1.65E-04	1.31E-04	6.74E-05	7.49E-06	1.76E-08	6.25E-18
Avg		2.56E-05	2.48E-05	2.33E-05	1.88E-05	1.01E-05	1.16E-06	2.37E-09	6.12E-19
Std		2.57E-05	2.49E-05	2.34E-05	1.88E-05	1.00E-05	1.14E-06	2.31E-09	6.80E-19
Ra-226									
Min		9.53E-06	9.81E-06	1.03E-05	1.20E-05	1.58E-05	2.24E-05	5.34E-06	4.77E-09
Max		4.75E-04	4.78E-04	4.79E-04	4.81E-04	4.84E-04	4.82E-04	4.69E-04	2.48E-04
Avg		4.72E-05	4.83E-05	4.99E-05	5.48E-05	6.48E-05	8.01E-05	1.11E-04	6.88E-05
Std		4.75E-05	4.79E-05	4.81E-05	4.89E-05	5.14E-05	5.48E-05	5.20E-05	2.99E-05
-ALL									
Min		1.66E-05	1.67E-05	1.68E-05	1.72E-05	1.86E-05	2.26E-05	5.34E-06	4.77E-09
Max		4.91E-04	4.94E-04	4.94E-04	4.93E-04	4.90E-04	4.83E-04	4.69E-04	2.48E-04
Avg		7.28E-05	7.31E-05	7.32E-05	7.36E-05	7.48E-05	8.12E-05	1.11E-04	6.88E-05
Std		5.64E-05	5.67E-05	5.66E-05	5.65E-05	5.63E-05	5.54E-05	5.20E-05	2.99E-05
=====									

-ALL is total risk summed for all nuclides.

0 Probabilistic Dose vs Pathway(i): Ground External

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		2.78E-05	2.66E-05	2.45E-05	1.84E-05	8.09E-06	4.58E-07	1.12E-10	3.22E-27
Max		2.81E-05	2.76E-05	2.66E-05	2.35E-05	1.65E-05	4.77E-06	1.24E-07	4.39E-17
Avg		2.81E-05	2.76E-05	2.66E-05	2.34E-05	1.62E-05	4.57E-06	1.13E-07	3.69E-17
Std		3.29E-08	9.64E-08	2.14E-07	5.34E-07	9.33E-07	5.88E-07	2.39E-08	1.19E-17
Ra-226									
Min		3.56E-01	3.55E-01	3.54E-01	3.49E-01	3.35E-01	2.92E-01	1.32E-01	1.36E-04
Max		3.57E-01	3.60E-01	3.65E-01	3.85E-01	4.46E-01	7.50E-01	2.23E+00	1.64E+00
Avg		3.57E-01	3.60E-01	3.65E-01	3.84E-01	4.45E-01	7.43E-01	2.18E+00	1.55E+00
Std		1.03E-04	3.08E-04	7.24E-04	2.22E-03	6.89E-03	2.96E-02	1.57E-01	1.95E-01
-ALL									
Min		3.56E-01	3.55E-01	3.54E-01	3.49E-01	3.35E-01	2.92E-01	1.32E-01	1.36E-04
Max		3.57E-01	3.60E-01	3.65E-01	3.85E-01	4.46E-01	7.50E-01	2.23E+00	1.64E+00
Avg		3.57E-01	3.60E-01	3.65E-01	3.84E-01	4.45E-01	7.43E-01	2.18E+00	1.55E+00
Std		1.03E-04	3.08E-04	7.24E-04	2.22E-03	6.89E-03	2.96E-02	1.57E-01	1.95E-01
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-ALL is total pathway dose summed for all nuclides.

0 Probabilistic Dose vs Pathway(i): Inhalation (w/o Radon)

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	9.67E-12	2.79E-28
Max		3.11E-04	3.02E-04	2.84E-04	2.31E-04	1.28E-04	1.88E-05	7.76E-08	2.76E-17
Avg		4.86E-05	4.73E-05	4.49E-05	3.73E-05	2.20E-05	3.40E-06	1.20E-08	3.90E-18
Std		4.91E-05	4.77E-05	4.50E-05	3.68E-05	2.06E-05	2.74E-06	7.63E-09	2.79E-18
Ra-226									
Min		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-06	9.27E-09
Max		1.22E-04	1.31E-04	1.50E-04	2.07E-04	3.23E-04	5.48E-04	1.07E-03	7.91E-04
Avg		1.90E-05	2.06E-05	2.37E-05	3.35E-05	5.57E-05	1.02E-04	1.75E-04	1.24E-04
Std		1.92E-05	2.08E-05	2.38E-05	3.30E-05	5.20E-05	7.95E-05	1.01E-04	7.34E-05
-ALL									
Min		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-06	9.27E-09
Max		4.32E-04	4.33E-04	4.34E-04	4.39E-04	4.51E-04	5.67E-04	1.07E-03	7.91E-04
Avg		6.76E-05	6.79E-05	6.86E-05	7.08E-05	7.77E-05	1.05E-04	1.75E-04	1.24E-04
Std		6.84E-05	6.85E-05	6.88E-05	6.98E-05	7.26E-05	8.22E-05	1.01E-04	7.34E-05
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-ALL is total pathway dose summed for all nuclides.

0 Probabilistic Dose vs Pathway(i): Radon (Water Ind.)

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	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.

0 Probabilistic Dose vs Pathway(i): Plant (Water Ind.)

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		8.46E-02	8.20E-02	7.71E-02	6.20E-02	3.33E-02	3.78E-03	1.66E-07	4.49E-24
Max		1.26E+01	1.22E+01	1.14E+01	9.06E+00	4.66E+00	5.17E-01	1.21E-03	4.30E-13
Avg		1.73E+00	1.68E+00	1.58E+00	1.27E+00	6.78E-01	7.70E-02	1.52E-04	3.82E-14
Std		1.78E+00	1.73E+00	1.62E+00	1.30E+00	6.97E-01	7.89E-02	1.60E-04	4.64E-14
Ra-226									
Min		1.27E-01	1.42E-01	1.71E-01	2.58E-01	4.21E-01	5.74E-01	1.77E-01	1.24E-04
Max		4.00E+01	4.00E+01	4.00E+01	4.01E+01	4.01E+01	3.92E+01	3.52E+01	1.77E+01
Avg		3.36E+00	3.42E+00	3.52E+00	3.82E+00	4.39E+00	4.93E+00	4.69E+00	2.55E+00
Std		4.07E+00	4.08E+00	4.09E+00	4.14E+00	4.29E+00	4.47E+00	4.19E+00	2.34E+00
-ALL									
Min		6.21E-01	6.21E-01	6.20E-01	6.19E-01	6.14E-01	5.96E-01	1.77E-01	1.24E-04
Max		4.10E+01	4.10E+01	4.10E+01	4.09E+01	4.05E+01	3.93E+01	3.52E+01	1.77E+01
Avg		5.09E+00	5.09E+00	5.09E+00	5.08E+00	5.07E+00	5.01E+00	4.69E+00	2.55E+00
Std		4.63E+00	4.63E+00	4.62E+00	4.62E+00	4.59E+00	4.51E+00	4.19E+00	2.34E+00
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-ALL is total pathway dose summed for all nuclides.

0 Probabilistic Dose vs Pathway(i): Meat (Water Ind.)

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		4.87E-05	4.72E-05	4.43E-05	3.57E-05	2.60E-05	6.14E-06	1.94E-09	7.45E-26
Max		3.97E-02	3.85E-02	3.63E-02	2.94E-02	1.62E-02	2.11E-03	6.36E-06	2.11E-15
Avg		5.76E-03	5.60E-03	5.29E-03	4.35E-03	2.50E-03	3.64E-04	1.23E-06	3.94E-16
Std		6.03E-03	5.85E-03	5.51E-03	4.48E-03	2.49E-03	3.27E-04	9.97E-07	3.45E-16
Ra-226									
Min		9.24E-05	1.08E-04	1.38E-04	2.27E-04	2.71E-04	3.07E-04	1.32E-03	1.21E-06
Max		6.82E-02	6.86E-02	6.92E-02	7.11E-02	7.49E-02	8.00E-02	7.96E-02	4.93E-02
Avg		4.44E-03	4.63E-03	4.98E-03	6.08E-03	8.45E-03	1.28E-02	1.88E-02	1.27E-02
Std		6.09E-03	6.13E-03	6.22E-03	6.59E-03	7.78E-03	1.00E-02	1.21E-02	8.01E-03
-ALL									
Min		3.30E-04	3.30E-04	3.30E-04	3.29E-04	3.26E-04	3.13E-04	1.32E-03	1.21E-06
Max		7.86E-02	7.86E-02	7.87E-02	7.88E-02	7.93E-02	8.06E-02	7.96E-02	4.93E-02
Avg		1.02E-02	1.02E-02	1.03E-02	1.04E-02	1.09E-02	1.31E-02	1.89E-02	1.27E-02
Std		9.26E-03	9.28E-03	9.30E-03	9.36E-03	9.55E-03	1.03E-02	1.21E-02	8.01E-03
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-ALL is total pathway dose summed for all nuclides.

0 Probabilistic Dose vs Pathway(i): Milk (Water Ind.)

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		3.38E-05	3.27E-05	3.07E-05	2.47E-05	1.32E-05	1.46E-06	5.73E-09	2.12E-25
Max		8.27E-02	8.05E-02	7.61E-02	6.27E-02	3.59E-02	4.92E-03	1.29E-05	4.55E-15
Avg		8.77E-03	8.53E-03	8.07E-03	6.66E-03	3.84E-03	5.67E-04	1.90E-06	6.09E-16
Std		1.21E-02	1.18E-02	1.11E-02	9.03E-03	5.07E-03	6.96E-04	2.07E-06	6.93E-16
Ra-226									
Min		2.73E-04	2.74E-04	2.77E-04	2.84E-04	2.96E-04	3.00E-04	1.14E-03	1.09E-06
Max		1.10E-01	1.10E-01	1.11E-01	1.11E-01	1.13E-01	1.22E-01	1.61E-01	1.18E-01
Avg		1.11E-02	1.14E-02	1.19E-02	1.37E-02	1.75E-02	2.50E-02	3.61E-02	2.42E-02
Std		1.23E-02	1.24E-02	1.25E-02	1.33E-02	1.56E-02	2.04E-02	2.49E-02	1.70E-02
-ALL									
Min		3.19E-04	3.19E-04	3.19E-04	3.17E-04	3.14E-04	3.02E-04	1.14E-03	1.09E-06
Max		1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.27E-01	1.61E-01	1.18E-01
Avg		1.99E-02	1.99E-02	2.00E-02	2.03E-02	2.13E-02	2.56E-02	3.61E-02	2.42E-02
Std		1.85E-02	1.85E-02	1.85E-02	1.87E-02	1.92E-02	2.10E-02	2.49E-02	1.70E-02
=====									

-ALL is total pathway dose summed for all nuclides.

0 Probabilistic Dose vs Pathway(i): Soil Ingestion

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	8.20E-09	2.36E-25
Max		7.49E-02	7.27E-02	6.86E-02	5.57E-02	3.08E-02	3.83E-03	9.07E-06	3.22E-15
Avg		3.32E-02	3.23E-02	3.07E-02	2.55E-02	1.50E-02	2.34E-03	8.31E-06	2.71E-15
Std		2.58E-02	2.50E-02	2.35E-02	1.90E-02	1.03E-02	1.14E-03	1.75E-06	8.75E-16
Ra-226									
Min		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-03	9.08E-06
Max		1.50E-02	1.73E-02	2.17E-02	3.54E-02	6.25E-02	9.57E-02	1.08E-01	8.00E-02
Avg		6.64E-03	7.70E-03	9.74E-03	1.63E-02	3.08E-02	5.98E-02	1.05E-01	7.44E-02
Std		5.16E-03	5.96E-03	7.47E-03	1.21E-02	2.09E-02	2.82E-02	8.57E-03	9.81E-03
-ALL									
Min		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.85E-03	9.08E-06
Max		8.99E-02	9.00E-02	9.03E-02	9.11E-02	9.32E-02	9.95E-02	1.08E-01	8.00E-02
Avg		3.99E-02	4.00E-02	4.04E-02	4.17E-02	4.58E-02	6.22E-02	1.05E-01	7.44E-02
Std		3.10E-02	3.10E-02	3.10E-02	3.11E-02	3.12E-02	2.93E-02	8.57E-03	9.81E-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	4.30E-03	1.07E-04	4.32E-14
	Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05	4.68E-07	3.69E-16
	Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	6.45E-06	3.24E-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	0.00E+00	5.31E-04	1.76E-02	1.05E-02
	Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-06	6.02E-05	3.71E-05
	Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-05	1.01E-03	6.08E-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	0.00E+00	4.83E-03	1.77E-02	1.05E-02
	Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05	6.07E-05	3.71E-05
	Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	1.02E-03	6.08E-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	0.00E+00	1.58E-03	3.93E-05	1.69E-14
Avg		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-06	1.56E-07	1.95E-16
Std		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-05	2.30E-06	1.64E-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	0.00E+00	1.94E-04	6.45E-03	3.88E-03
Avg		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-07	2.19E-05	1.37E-05
Std		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05	3.72E-04	2.24E-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	0.00E+00	1.77E-03	6.49E-03	3.88E-03
Avg		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-06	2.21E-05	1.37E-05
Std		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	3.74E-04	2.24E-04
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-ALL is total pathway dose summed for all nuclides.

0 Probabilistic Dose vs Pathway(i): Radon (Water Dep.)

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	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.

0 Probabilistic Dose vs Pathway(i): Plant (Water Dep.)

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	0.00E+00	3.58E-04	8.92E-06	3.61E-15
Avg		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-06	3.41E-08	2.09E-17
Std		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-05	5.20E-07	2.22E-16
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	4.41E-05	1.47E-03	8.80E-04
Avg		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-07	4.95E-06	3.02E-06
Std		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-06	8.45E-05	5.07E-05
-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	4.02E-04	1.47E-03	8.80E-04
Avg		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-06	4.99E-06	3.02E-06
Std		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-05	8.50E-05	5.07E-05
=====		=====	=====	=====	=====	=====	=====	=====	=====

-ALL is total pathway dose summed for all nuclides.

0 Probabilistic Dose vs Pathway(i): Meat (Water Dep.)

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	0.00E+00	5.44E-06	1.37E-07	5.54E-17
Avg		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-08	5.66E-10	3.34E-19
Std		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-07	8.12E-09	3.63E-18
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	6.62E-07	2.25E-05	1.35E-05
Avg		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-09	7.64E-08	4.62E-08
Std		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-08	1.29E-06	7.77E-07
-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	6.10E-06	2.26E-05	1.35E-05
Avg		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-08	7.70E-08	4.62E-08
Std		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-07	1.30E-06	7.77E-07
=====		=====	=====	=====	=====	=====	=====	=====	=====

-ALL is total pathway dose summed for all nuclides.

0 Probabilistic Dose vs Pathway(i): Milk (Water Dep.)

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	4.43E-06	1.56E-07	1.21E-16
	Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-08	8.89E-10	6.76E-19
	Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-07	1.10E-08	7.57E-18
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	5.45E-07	1.81E-05	1.09E-05
	Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-09	6.79E-08	4.15E-08
	Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-08	1.05E-06	6.32E-07
-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	4.97E-06	1.82E-05	1.09E-05
	Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-08	6.88E-08	4.15E-08
	Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-07	1.06E-06	6.32E-07
=====									

-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	1.16E+00	1.16E+00	1.17E+00	1.19E+00	1.26E+00	1.54E+00	2.96E+00	1.80E+00	
0.050	1.47E+00	1.47E+00	1.47E+00	1.49E+00	1.56E+00	1.83E+00	3.18E+00	2.00E+00	
0.075	1.62E+00	1.63E+00	1.63E+00	1.65E+00	1.71E+00	1.99E+00	3.38E+00	2.10E+00	
0.100	1.96E+00	1.96E+00	1.96E+00	1.97E+00	2.02E+00	2.31E+00	3.56E+00	2.23E+00	
0.125	2.08E+00	2.08E+00	2.09E+00	2.09E+00	2.16E+00	2.43E+00	3.74E+00	2.37E+00	
0.150	2.10E+00	2.10E+00	2.11E+00	2.14E+00	2.22E+00	2.46E+00	3.80E+00	2.42E+00	
0.175	2.23E+00	2.23E+00	2.24E+00	2.25E+00	2.31E+00	2.59E+00	3.98E+00	2.48E+00	
0.200	2.35E+00	2.35E+00	2.36E+00	2.36E+00	2.42E+00	2.69E+00	4.06E+00	2.54E+00	
0.225	2.44E+00	2.45E+00	2.45E+00	2.47E+00	2.51E+00	2.80E+00	4.13E+00	2.59E+00	
0.250	2.54E+00	2.55E+00	2.55E+00	2.56E+00	2.60E+00	2.88E+00	4.24E+00	2.64E+00	
0.275	2.64E+00	2.65E+00	2.64E+00	2.66E+00	2.71E+00	2.99E+00	4.33E+00	2.69E+00	
0.300	2.72E+00	2.73E+00	2.73E+00	2.75E+00	2.87E+00	3.14E+00	4.54E+00	2.80E+00	
0.325	3.02E+00	2.98E+00	2.98E+00	2.99E+00	3.03E+00	3.33E+00	4.66E+00	2.90E+00	
0.350	3.37E+00	3.37E+00	3.38E+00	3.39E+00	3.40E+00	3.65E+00	4.97E+00	3.04E+00	
0.375	3.51E+00	3.52E+00	3.53E+00	3.54E+00	3.58E+00	3.82E+00	5.05E+00	3.08E+00	
0.400	3.62E+00	3.62E+00	3.62E+00	3.64E+00	3.69E+00	3.93E+00	5.15E+00	3.13E+00	
0.425	3.70E+00	3.68E+00	3.69E+00	3.70E+00	3.79E+00	4.08E+00	5.35E+00	3.22E+00	
0.450	3.83E+00	3.83E+00	3.84E+00	3.85E+00	3.95E+00	4.25E+00	5.59E+00	3.37E+00	
0.475	4.22E+00	4.22E+00	4.22E+00	4.23E+00	4.28E+00	4.52E+00	5.72E+00	3.44E+00	
0.500	4.42E+00	4.42E+00	4.43E+00	4.43E+00	4.47E+00	4.69E+00	5.88E+00	3.50E+00	
0.525	4.62E+00	4.63E+00	4.64E+00	4.65E+00	4.72E+00	4.94E+00	6.08E+00	3.61E+00	
0.550	4.77E+00	4.78E+00	4.79E+00	4.82E+00	4.84E+00	5.11E+00	6.29E+00	3.71E+00	
0.575	4.96E+00	4.96E+00	4.96E+00	4.97E+00	5.03E+00	5.38E+00	6.56E+00	3.82E+00	
0.600	5.17E+00	5.17E+00	5.18E+00	5.23E+00	5.36E+00	5.57E+00	6.77E+00	3.98E+00	
0.625	5.44E+00	5.44E+00	5.44E+00	5.43E+00	5.49E+00	5.80E+00	7.03E+00	4.15E+00	
0.650	5.80E+00	5.81E+00	5.81E+00	5.81E+00	5.83E+00	6.15E+00	7.40E+00	4.34E+00	
0.675	6.10E+00	6.10E+00	6.11E+00	6.14E+00	6.26E+00	6.57E+00	7.64E+00	4.44E+00	
0.700	6.40E+00	6.39E+00	6.39E+00	6.46E+00	6.48E+00	6.83E+00	7.93E+00	4.71E+00	
0.725	6.59E+00	6.59E+00	6.60E+00	6.64E+00	6.73E+00	7.02E+00	8.15E+00	4.84E+00	
0.750	6.84E+00	6.84E+00	6.85E+00	6.86E+00	6.92E+00	7.21E+00	8.52E+00	5.12E+00	
0.775	7.04E+00	7.04E+00	7.04E+00	7.03E+00	7.08E+00	7.47E+00	8.88E+00	5.28E+00	
0.800	7.55E+00	7.55E+00	7.55E+00	7.54E+00	7.54E+00	7.89E+00	9.15E+00	5.45E+00	
0.825	8.20E+00	8.20E+00	8.21E+00	8.25E+00	8.26E+00	8.36E+00	9.68E+00	5.69E+00	
0.850	8.65E+00	8.66E+00	8.66E+00	8.68E+00	8.75E+00	9.02E+00	1.00E+01	6.03E+00	
0.875	9.17E+00	9.17E+00	9.18E+00	9.20E+00	9.16E+00	9.29E+00	1.03E+01	6.49E+00	
0.900	9.81E+00	9.82E+00	9.83E+00	9.87E+00	9.96E+00	1.00E+01	1.10E+01	6.72E+00	
0.925	1.11E+01	1.11E+01	1.11E+01	1.12E+01	1.13E+01	1.17E+01	1.31E+01	7.52E+00	
0.950	1.35E+01	1.35E+01	1.35E+01	1.35E+01	1.36E+01	1.38E+01	1.51E+01	8.84E+00	
0.975	1.72E+01	1.72E+01	1.72E+01	1.71E+01	1.71E+01	1.69E+01	1.74E+01	1.08E+01	
1.000	4.16E+01	4.16E+01	4.16E+01	4.15E+01	4.12E+01	4.03E+01	3.77E+01	1.95E+01	

RESRAD, Version 6.4 T« Limit = 180 days 06/15/2009 13:56 Page 22
Probabilistic results summary : Hematite - Root Ra-226+C CSM Sensitivity Analys-
is File: C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - ROOT 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	2.479E+02	7.372E+00
2	2.479E+02	7.071E+00
3	2.479E+02	7.426E+00

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	12	-0.10	12	-0.02	14	0.04	14	0.01
Kd of Pb-210 in Unsaturated Zone 1	18	-0.06	18	-0.01	13	-0.04	13	-0.01
Kd of Pb-210 in Saturated Zone	22	-0.01	22	0.00	6	-0.11	6	-0.03
Kd of Ra-226 in Contaminated Zone	15	0.07	15	0.02	8	0.09	8	0.03
Kd of Ra-226 in Unsaturated Zone 1	8	-0.16	8	-0.04	12	0.05	12	0.02
Kd of Ra-226 in Saturated Zone	19	-0.05	19	-0.01	21	0.00	21	0.00
Plant transfer factor for Pb	2	0.87	2	0.44	2	0.82	2	0.43
Meat transfer factor for Pb	20	0.05	20	0.01	19	0.01	19	0.00
Milk transfer factor for Pb	7	0.19	7	0.04	5	-0.12	5	-0.04
Fish transfer factor for Pb	4	-0.38	4	-0.10	7	-0.09	7	-0.03
Plant transfer factor for Ra	1	0.96	1	0.79	1	0.92	1	0.72
Meat transfer factor for Ra	9	-0.13	9	-0.03	22	0.00	22	0.00
Milk transfer factor for Ra	14	-0.08	14	-0.02	20	0.00	20	0.00
Fish transfer factor for Ra	21	-0.05	21	-0.01	15	-0.04	15	-0.01
Well pumping rate	5	0.28	5	0.07	11	0.05	11	0.02
Mass loading for inhalation	11	-0.11	11	-0.02	10	-0.07	10	-0.02
Indoor dust filtration factor	16	0.07	16	0.02	18	-0.01	18	0.00
Depth of soil mixing layer	13	-0.10	13	-0.02	9	-0.08	9	-0.02
Depth of roots	3	-0.83	3	-0.35	3	-0.81	3	-0.43
Wet weight crop yield of fruit, grain and non-leafy vegetables	10	0.13	10	0.03	4	0.12	4	0.04
Weathering removal constant of all vegetation	6	0.25	6	0.06	17	0.01	17	0.00
Wet foliar interception fraction of leafy vegetables	17	0.07	17	0.02	16	-0.02	16	-0.01
R-SQUARE		0.95		0.95		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		SRC		PRCC		SRRC	
	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	10	0.13	9	0.04	16	-0.06	16	-0.02
Kd of Pb-210 in Unsaturated Zone 1	15	0.07	16	0.02	18	-0.02	18	-0.01
Kd of Pb-210 in Saturated Zone	16	0.07	15	0.02	10	0.11	10	0.04
Kd of Ra-226 in Contaminated Zone	5	0.22	5	0.07	11	0.10	11	0.03
Kd of Ra-226 in Unsaturated Zone 1	22	-0.02	22	-0.01	9	0.12	9	0.04
Kd of Ra-226 in Saturated Zone	13	-0.09	12	-0.04	4	0.21	4	0.07
Plant transfer factor for Pb	2	0.84	2	0.47	3	0.79	3	0.44
Meat transfer factor for Pb	4	0.24	4	0.08	5	0.21	5	0.07
Milk transfer factor for Pb	12	0.11	13	0.03	12	0.10	12	0.03
Fish transfer factor for Pb	17	0.06	17	0.02	8	-0.12	8	-0.04
Plant transfer factor for Ra	1	0.92	1	0.70	1	0.90	1	0.71
Meat transfer factor for Ra	14	-0.09	14	-0.03	17	0.03	17	0.01
Milk transfer factor for Ra	11	0.12	11	0.04	6	0.16	6	0.05
Fish transfer factor for Ra	6	0.18	6	0.07	22	-0.01	22	0.00
Well pumping rate	21	0.04	21	0.01	7	0.15	7	0.05
Mass loading for inhalation	8	0.14	8	0.04	19	-0.02	19	-0.01
Indoor dust filtration factor	19	-0.05	19	-0.02	20	0.02	20	0.01
Depth of soil mixing layer	9	-0.14	10	-0.04	15	-0.08	15	-0.03
Depth of roots	3	-0.81	3	-0.41	2	-0.80	2	-0.44
Wet weight crop yield of fruit, grain and non-leafy vegetables	7	0.15	7	0.04	13	0.09	13	0.03
Weathering removal constant of all vegetation	18	-0.06	18	-0.02	21	-0.01	21	-0.01
Wet foliar interception fraction of leafy vegetables	20	0.04	20	0.01	14	0.08	14	0.03
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 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	15	0.05	14	0.01	10	0.10	10	0.03
Kd of Pb-210 in Unsaturated Zone 1	16	0.05	17	0.01	17	-0.06	17	-0.02
Kd of Pb-210 in Saturated Zone	17	0.04	16	0.01	20	0.02	20	0.01
Kd of Ra-226 in Contaminated Zone	12	0.08	12	0.02	12	0.09	12	0.03
Kd of Ra-226 in Unsaturated Zone 1	11	0.10	10	0.02	11	0.09	11	0.03
Kd of Ra-226 in Saturated Zone	8	0.10	8	0.03	22	0.00	22	0.00
Plant transfer factor for Pb	3	0.78	3	0.31	2	0.81	2	0.46
Meat transfer factor for Pb	10	0.10	11	0.02	16	-0.07	15	-0.02
Milk transfer factor for Pb	5	-0.12	6	-0.03	4	-0.21	4	-0.07
Fish transfer factor for Pb	9	-0.10	9	-0.03	13	0.09	13	0.03
Plant transfer factor for Ra	1	0.96	1	0.88	1	0.90	1	0.68
Meat transfer factor for Ra	20	-0.01	20	0.00	8	0.13	8	0.04
Milk transfer factor for Ra	14	0.06	15	0.01	9	0.12	9	0.04
Fish transfer factor for Ra	22	0.00	22	0.00	6	-0.21	6	-0.07
Well pumping rate	13	0.08	13	0.02	19	0.02	19	0.01
Mass loading for inhalation	7	0.10	5	0.03	18	-0.04	18	-0.01
Indoor dust filtration factor	4	-0.14	4	-0.04	21	-0.01	21	0.00
Depth of soil mixing layer	19	0.02	19	0.00	5	-0.21	5	-0.07
Depth of roots	2	-0.80	2	-0.33	3	-0.79	3	-0.44
Wet weight crop yield of fruit, grain and non-leafy vegetables	6	-0.11	7	-0.03	14	-0.08	14	-0.03
Weathering removal constant of all vegetation	18	-0.03	18	-0.01	7	0.20	7	0.07
Wet foliar interception fraction of leafy vegetables	21	0.00	21	0.00	15	-0.07	16	-0.02
R-SQUARE		0.94		0.94		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	12	-0.08	11	-0.02	13	0.04	13	0.01
Kd of Pb-210 in Unsaturated Zone 1	18	-0.06	18	-0.01	14	-0.04	14	-0.01
Kd of Pb-210 in Saturated Zone	22	-0.02	22	0.00	6	-0.11	6	-0.03
Kd of Ra-226 in Contaminated Zone	15	0.07	14	0.02	8	0.09	8	0.03
Kd of Ra-226 in Unsaturated Zone 1	8	-0.15	8	-0.04	12	0.05	12	0.02
Kd of Ra-226 in Saturated Zone	19	-0.06	19	-0.01	22	0.00	22	0.00
Plant transfer factor for Pb	2	0.86	2	0.43	2	0.82	2	0.43
Meat transfer factor for Pb	21	0.04	21	0.01	19	0.01	19	0.00
Milk transfer factor for Pb	7	0.17	7	0.04	5	-0.12	5	-0.04
Fish transfer factor for Pb	4	-0.39	4	-0.11	7	-0.09	7	-0.03
Plant transfer factor for Ra	1	0.96	1	0.79	1	0.92	1	0.72
Meat transfer factor for Ra	9	-0.14	9	-0.04	21	0.00	21	0.00
Milk transfer factor for Ra	17	-0.06	17	-0.01	20	0.00	20	0.00
Fish transfer factor for Ra	20	-0.05	20	-0.01	15	-0.04	15	-0.01
Well pumping rate	5	0.30	5	0.08	11	0.06	11	0.02
Mass loading for inhalation	16	-0.06	16	-0.02	10	-0.07	10	-0.02
Indoor dust filtration factor	11	0.08	12	0.02	17	-0.01	17	0.00
Depth of soil mixing layer	13	-0.07	13	-0.02	9	-0.08	9	-0.02
Depth of roots	3	-0.81	3	-0.34	3	-0.81	3	-0.43
Wet weight crop yield of fruit, grain and non-leafy vegetables	10	0.12	10	0.03	4	0.12	4	0.04
Weathering removal constant of all vegetation	6	0.23	6	0.06	18	0.01	18	0.00
Wet foliar interception fraction of leafy vegetables	14	0.07	15	0.02	16	-0.02	16	-0.01
R-SQUARE		0.95		0.95		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	8	0.15	7	0.05	16	-0.05	16	-0.02
Kd of Pb-210 in Unsaturated Zone 1	15	0.07	14	0.02	22	-0.01	22	0.00
Kd of Pb-210 in Saturated Zone	16	0.07	16	0.02	10	0.10	10	0.03
Kd of Ra-226 in Contaminated Zone	5	0.21	6	0.06	13	0.08	13	0.03
Kd of Ra-226 in Unsaturated Zone 1	19	-0.05	19	-0.01	9	0.12	9	0.04
Kd of Ra-226 in Saturated Zone	10	-0.12	8	-0.04	4	0.20	4	0.07
Plant transfer factor for Pb	2	0.85	2	0.47	3	0.80	3	0.44
Meat transfer factor for Pb	4	0.23	5	0.07	5	0.20	5	0.07
Milk transfer factor for Pb	13	0.10	13	0.03	11	0.09	11	0.03
Fish transfer factor for Pb	18	0.05	18	0.02	8	-0.13	8	-0.04
Plant transfer factor for Ra	1	0.93	1	0.71	1	0.91	1	0.72
Meat transfer factor for Ra	22	0.03	22	0.01	17	0.04	17	0.01
Milk transfer factor for Ra	12	0.10	12	0.03	6	0.15	6	0.05
Fish transfer factor for Ra	6	0.19	4	0.07	19	-0.02	19	-0.01
Well pumping rate	21	0.03	21	0.01	7	0.15	7	0.05
Mass loading for inhalation	11	0.11	11	0.03	18	-0.03	18	-0.01
Indoor dust filtration factor	17	-0.07	17	-0.02	21	0.01	21	0.00
Depth of soil mixing layer	7	-0.16	9	-0.04	14	-0.08	14	-0.03
Depth of roots	3	-0.82	3	-0.40	2	-0.80	2	-0.44
Wet weight crop yield of fruit, grain and non-leafy vegetables	9	0.13	10	0.04	15	0.07	15	0.02
Weathering removal constant of all vegetation	14	-0.07	15	-0.02	20	-0.01	20	0.00
Wet foliar interception fraction of leafy vegetables	20	0.04	20	0.01	12	0.09	12	0.03
R-SQUARE		0.93		0.93		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 3		SRC 3		PRCC 3		SRRC 3	
	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	14	0.06	14	0.02	10	0.10	10	0.03
Kd of Pb-210 in Unsaturated Zone 1	16	0.05	17	0.01	17	-0.06	17	-0.02
Kd of Pb-210 in Saturated Zone	17	0.05	16	0.01	20	0.02	20	0.01
Kd of Ra-226 in Contaminated Zone	13	0.08	12	0.02	12	0.09	12	0.03
Kd of Ra-226 in Unsaturated Zone 1	10	0.09	11	0.02	11	0.09	11	0.03
Kd of Ra-226 in Saturated Zone	9	0.10	10	0.03	22	0.00	22	0.00
Plant transfer factor for Pb	3	0.78	3	0.31	2	0.81	2	0.46
Meat transfer factor for Pb	8	0.11	9	0.03	16	-0.07	15	-0.02
Milk transfer factor for Pb	5	-0.12	5	-0.03	4	-0.21	4	-0.07
Fish transfer factor for Pb	7	-0.11	7	-0.03	13	0.09	13	0.03
Plant transfer factor for Ra	1	0.97	1	0.89	1	0.90	1	0.68
Meat transfer factor for Ra	21	-0.01	21	0.00	8	0.13	8	0.04
Milk transfer factor for Ra	15	0.06	15	0.02	9	0.12	9	0.04
Fish transfer factor for Ra	20	0.01	20	0.00	6	-0.21	6	-0.07
Well pumping rate	12	0.08	13	0.02	19	0.02	19	0.01
Mass loading for inhalation	11	0.09	8	0.03	18	-0.04	18	-0.01
Indoor dust filtration factor	4	-0.16	4	-0.04	21	-0.01	21	0.00
Depth of soil mixing layer	19	0.02	19	0.01	5	-0.21	5	-0.07
Depth of roots	2	-0.80	2	-0.32	3	-0.79	3	-0.44
Wet weight crop yield of fruit, grain and non-leafy vegetables	6	-0.12	6	-0.03	14	-0.08	14	-0.03
Weathering removal constant of all vegetation	18	-0.03	18	-0.01	7	0.20	7	0.07
Wet foliar interception fraction of leafy vegetables	22	0.00	22	0.00	15	-0.07	16	-0.02
R-SQUARE		0.95		0.95		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 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	21	-0.01	21	-0.01	12	0.09	12	0.00
Kd of Pb-210 in Unsaturated Zone 1	6	0.08	6	0.08	19	0.04	19	0.00
Kd of Pb-210 in Saturated Zone	20	0.02	20	0.02	3	-0.17	3	-0.01
Kd of Ra-226 in Contaminated Zone	1	0.18	1	0.19	1	1.00	1	1.00
Kd of Ra-226 in Unsaturated Zone 1	12	0.06	11	0.06	15	0.07	15	0.00
Kd of Ra-226 in Saturated Zone	7	0.08	7	0.08	10	0.11	10	0.00
Plant transfer factor for Pb	5	0.08	4	0.09	5	-0.15	5	-0.01
Meat transfer factor for Pb	14	-0.05	14	-0.05	9	0.11	9	0.00
Milk transfer factor for Pb	15	-0.04	16	-0.04	6	-0.13	6	-0.01
Fish transfer factor for Pb	13	-0.05	13	-0.05	17	-0.06	17	0.00
Plant transfer factor for Ra	11	0.06	12	0.06	16	0.07	16	0.00
Meat transfer factor for Ra	16	0.04	15	0.04	2	0.25	2	0.01
Milk transfer factor for Ra	19	0.03	19	0.03	8	0.12	8	0.00
Fish transfer factor for Ra	4	0.08	5	0.08	22	-0.01	22	0.00
Well pumping rate	10	-0.07	10	-0.07	4	0.16	4	0.01
Mass loading for inhalation	9	-0.07	9	-0.07	11	-0.10	11	0.00
Indoor dust filtration factor	22	0.01	22	0.00	14	-0.08	14	0.00
Depth of soil mixing layer	2	0.13	2	0.13	20	0.03	20	0.00
Depth of roots	17	-0.03	17	-0.03	13	0.09	13	0.00
Wet weight crop yield of fruit, grain and non-leafy vegetables	18	-0.03	18	-0.03	21	-0.02	21	0.00
Weathering removal constant of all vegetation	3	0.13	3	0.13	18	0.05	18	0.00
Wet foliar interception fraction of leafy vegetables	8	-0.07	8	-0.07	7	0.13	7	0.00
R-SQUARE		0.10		0.10		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 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	21	-0.01	20	-0.01	19	-0.02	19	0.00
Kd of Pb-210 in Unsaturated Zone 1	18	0.02	18	0.02	17	0.03	16	0.00
Kd of Pb-210 in Saturated Zone	14	0.04	14	0.05	6	-0.14	6	-0.01
Kd of Ra-226 in Contaminated Zone	2	0.16	2	0.16	1	1.00	1	1.00
Kd of Ra-226 in Unsaturated Zone 1	12	0.07	13	0.07	2	0.20	2	0.01
Kd of Ra-226 in Saturated Zone	13	0.05	12	0.07	8	-0.13	8	-0.01
Plant transfer factor for Pb	3	0.15	3	0.15	15	-0.06	15	0.00
Meat transfer factor for Pb	6	0.10	6	0.10	14	0.06	14	0.00
Milk transfer factor for Pb	11	0.07	11	0.07	18	0.03	18	0.00
Fish transfer factor for Pb	10	0.08	10	0.08	12	-0.08	12	0.00
Plant transfer factor for Ra	20	-0.01	21	-0.01	22	0.01	22	0.00
Meat transfer factor for Ra	1	-0.31	1	-0.31	9	0.11	9	0.00
Milk transfer factor for Ra	9	0.09	9	0.09	11	0.10	11	0.00
Fish transfer factor for Ra	16	-0.03	15	-0.03	16	-0.03	17	0.00
Well pumping rate	17	0.03	17	0.02	13	-0.07	13	0.00
Mass loading for inhalation	4	0.13	4	0.13	3	-0.19	3	-0.01
Indoor dust filtration factor	19	0.02	19	0.02	4	-0.17	4	-0.01
Depth of soil mixing layer	22	0.00	22	0.00	5	0.15	5	0.01
Depth of roots	7	-0.09	7	-0.09	7	0.14	7	0.01
Wet weight crop yield of fruit, grain and non-leafy vegetables	5	0.11	5	0.11	20	-0.01	20	0.00
Weathering removal constant of all vegetation	8	-0.09	8	-0.09	10	0.10	10	0.00
Wet foliar interception fraction of leafy vegetables	15	0.03	16	0.03	21	-0.01	21	0.00
R-SQUARE		0.17		0.17		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 External Ground 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	5	0.14	4	0.16	16	0.08	16	0.00
Kd of Pb-210 in Unsaturated Zone 1	18	0.05	18	0.04	4	-0.16	4	-0.01
Kd of Pb-210 in Saturated Zone	17	0.05	17	0.05	5	0.15	5	0.01
Kd of Ra-226 in Contaminated Zone	1	0.28	1	0.30	1	1.00	1	1.00
Kd of Ra-226 in Unsaturated Zone 1	19	-0.03	19	-0.03	6	-0.15	6	-0.01
Kd of Ra-226 in Saturated Zone	15	0.08	14	0.07	11	-0.11	11	0.00
Plant transfer factor for Pb	11	-0.09	12	-0.09	20	0.02	20	0.00
Meat transfer factor for Pb	14	0.08	15	0.07	15	-0.08	15	0.00
Milk transfer factor for Pb	4	-0.14	5	-0.14	8	-0.13	8	0.00
Fish transfer factor for Pb	16	0.06	16	0.06	10	-0.12	10	0.00
Plant transfer factor for Ra	13	0.09	13	0.08	9	-0.12	9	0.00
Meat transfer factor for Ra	2	0.21	2	0.20	19	0.03	19	0.00
Milk transfer factor for Ra	21	0.02	21	0.02	7	0.14	7	0.01
Fish transfer factor for Ra	7	-0.13	6	-0.13	18	-0.05	18	0.00
Well pumping rate	8	-0.11	8	-0.10	12	-0.11	12	0.00
Mass loading for inhalation	12	-0.09	9	-0.10	3	-0.18	3	-0.01
Indoor dust filtration factor	22	0.02	22	0.02	21	-0.01	22	0.00
Depth of soil mixing layer	3	-0.18	3	-0.16	14	0.09	14	0.00
Depth of roots	6	0.14	7	0.13	13	-0.09	13	0.00
Wet weight crop yield of fruit, grain and non-leafy vegetables	10	0.10	11	0.09	22	-0.01	21	0.00
Weathering removal constant of all vegetation	9	-0.10	10	-0.09	17	0.06	17	0.00
Wet foliar interception fraction of leafy vegetables	20	0.02	20	0.02	2	-0.20	2	-0.01
R-SQUARE		0.21		0.21		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 Inhalation Particles 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	11	0.07	12	0.02	12	0.09	12	0.02	
Kd of Pb-210 in Unsaturated Zone 1	3	0.23	3	0.06	4	-0.21	4	-0.05	
Kd of Pb-210 in Saturated Zone	13	-0.07	13	-0.02	6	-0.19	6	-0.04	
Kd of Ra-226 in Contaminated Zone	22	0.00	22	0.00	3	0.24	3	0.05	
Kd of Ra-226 in Unsaturated Zone 1	12	0.07	11	0.02	9	-0.13	9	-0.03	
Kd of Ra-226 in Saturated Zone	14	0.05	15	0.01	18	0.02	18	0.01	
Plant transfer factor for Pb	18	0.01	18	0.00	13	0.07	13	0.01	
Meat transfer factor for Pb	8	0.12	7	0.03	5	-0.21	5	-0.05	
Milk transfer factor for Pb	4	-0.21	4	-0.05	19	-0.02	19	-0.01	
Fish transfer factor for Pb	17	-0.02	17	-0.01	16	-0.04	16	-0.01	
Plant transfer factor for Ra	21	0.00	21	0.00	7	-0.18	7	-0.04	
Meat transfer factor for Ra	15	0.05	14	0.01	10	0.11	10	0.03	
Milk transfer factor for Ra	5	0.17	5	0.04	17	-0.02	17	-0.01	
Fish transfer factor for Ra	7	0.12	8	0.03	22	0.00	22	0.00	
Well pumping rate	16	0.03	16	0.01	8	-0.15	8	-0.03	
Mass loading for inhalation	1	0.96	1	0.76	1	0.96	1	0.72	
Indoor dust filtration factor	2	0.93	2	0.62	2	0.94	2	0.63	
Depth of soil mixing layer	6	0.13	6	0.03	11	-0.09	11	-0.02	
Depth of roots	10	-0.10	10	-0.02	21	0.00	21	0.00	
Wet weight crop yield of fruit, grain and non-leafy vegetables	20	0.01	20	0.00	15	-0.05	15	-0.01	
Weathering removal constant of all vegetation	19	0.01	19	0.00	20	-0.01	20	0.00	
Wet foliar interception fraction of leafy vegetables	9	-0.11	9	-0.03	14	0.06	14	0.01	
R-SQUARE		0.95		0.95		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		SRC		PRCC		SRRC	
	Sig	Coef	Sig	Coef	Sig	Coef	Sig	Coef
Kd of Pb-210 in Contaminated Zone	7	0.23	7	0.05	4	0.21	4	0.05
Kd of Pb-210 in Unsaturated Zone 1	5	-0.36	4	-0.08	5	-0.16	5	-0.04
Kd of Pb-210 in Saturated Zone	3	0.63	3	0.19	19	0.03	19	0.01
Kd of Ra-226 in Contaminated Zone	13	0.09	13	0.02	6	0.14	6	0.03
Kd of Ra-226 in Unsaturated Zone 1	19	0.01	20	0.00	3	0.21	3	0.05
Kd of Ra-226 in Saturated Zone	17	-0.02	16	-0.01	18	-0.03	18	-0.01
Plant transfer factor for Pb	16	0.03	17	0.01	16	0.04	16	0.01
Meat transfer factor for Pb	15	-0.04	15	-0.01	11	0.07	11	0.02
Milk transfer factor for Pb	14	0.08	14	0.02	12	0.07	12	0.02
Fish transfer factor for Pb	12	0.11	12	0.02	8	0.09	8	0.02
Plant transfer factor for Ra	10	0.12	10	0.03	21	0.01	21	0.00
Meat transfer factor for Ra	11	-0.11	11	-0.02	15	-0.04	15	-0.01
Milk transfer factor for Ra	21	0.01	21	0.00	9	0.09	9	0.02
Fish transfer factor for Ra	20	-0.01	19	0.00	22	0.01	22	0.00
Well pumping rate	18	0.02	18	0.00	17	-0.04	17	-0.01
Mass loading for inhalation	1	0.95	1	0.67	1	0.94	1	0.67
Indoor dust filtration factor	2	0.95	2	0.62	2	0.93	2	0.64
Depth of soil mixing layer	22	0.01	22	0.00	20	0.02	20	0.00
Depth of roots	4	-0.36	5	-0.08	7	-0.12	7	-0.03
Wet weight crop yield of fruit, grain and non-leafy vegetables	8	0.15	8	0.03	13	-0.06	13	-0.01
Weathering removal constant of all vegetation	9	-0.15	9	-0.03	14	0.04	14	0.01
Wet foliar interception fraction of leafy vegetables	6	0.29	6	0.07	10	0.09	10	0.02
R-SQUARE		0.96		0.96		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 Inhalation Particles 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		3	0.59	3	0.15	9	0.13	9	0.03
Kd of Pb-210 in Unsaturated Zone 1		21	0.01	21	0.00	18	-0.02	18	0.00
Kd of Pb-210 in Saturated Zone		18	-0.05	18	-0.01	22	0.01	22	0.00
Kd of Ra-226 in Contaminated Zone		11	0.12	11	0.02	13	-0.06	13	-0.02
Kd of Ra-226 in Unsaturated Zone 1		20	-0.03	20	0.00	16	-0.05	16	-0.01
Kd of Ra-226 in Saturated Zone		15	0.07	14	0.01	17	0.02	17	0.01
Plant transfer factor for Pb		12	0.11	12	0.02	8	-0.15	8	-0.04
Meat transfer factor for Pb		7	-0.19	7	-0.03	6	-0.19	6	-0.05
Milk transfer factor for Pb		8	-0.16	8	-0.03	14	0.06	14	0.01
Fish transfer factor for Pb		13	0.10	13	0.02	15	-0.06	15	-0.01
Plant transfer factor for Ra		4	0.21	4	0.04	21	0.01	21	0.00
Meat transfer factor for Ra		22	0.00	22	0.00	3	0.24	3	0.06
Milk transfer factor for Ra		10	-0.14	10	-0.02	7	-0.16	7	-0.04
Fish transfer factor for Ra		19	0.04	19	0.01	20	0.01	20	0.00
Well pumping rate		16	0.05	16	0.01	4	0.21	4	0.06
Mass loading for inhalation		1	0.97	1	0.76	1	0.94	1	0.73
Indoor dust filtration factor		2	0.93	2	0.43	2	0.93	2	0.66
Depth of soil mixing layer		14	-0.07	15	-0.01	12	-0.07	12	-0.02
Depth of roots		6	-0.20	6	-0.03	5	0.19	5	0.05
Wet weight crop yield of fruit, grain and non-leafy vegetables		17	0.05	17	0.01	10	-0.13	10	-0.03
Weathering removal constant of all vegetation		5	0.20	5	0.04	11	0.12	11	0.03
Wet foliar interception fraction of leafy vegetables		9	-0.15	9	-0.03	19	-0.01	19	0.00
R-SQUARE			0.97		0.97		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		PCC		SRC		PRCC		SRRC	
Coefficient =		1		1		1		1	
Repetition =									
Description of Probabilistic Variable	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	Coef	Sig	Coef	Sig	Coef	Sig	Coef
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
 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	-0.08	16	-0.02	16	0.03	16	0.01
Kd of Pb-210 in Unsaturated Zone 1	14	-0.08	13	-0.02	7	-0.07	7	-0.02
Kd of Pb-210 in Saturated Zone	22	-0.03	22	-0.01	5	-0.12	5	-0.04
Kd of Ra-226 in Contaminated Zone	21	0.04	21	0.01	12	-0.04	12	-0.01
Kd of Ra-226 in Unsaturated Zone 1	7	-0.18	7	-0.05	17	0.02	17	0.01
Kd of Ra-226 in Saturated Zone	20	-0.05	20	-0.01	18	0.02	18	0.00
Plant transfer factor for Pb	2	0.87	2	0.43	2	0.82	2	0.44
Meat transfer factor for Pb	12	0.09	12	0.02	22	0.00	22	0.00
Milk transfer factor for Pb	9	0.14	9	0.03	4	-0.13	4	-0.04
Fish transfer factor for Pb	4	-0.37	4	-0.10	9	-0.06	9	-0.02
Plant transfer factor for Ra	1	0.96	1	0.81	1	0.93	1	0.74
Meat transfer factor for Ra	8	-0.15	8	-0.04	21	0.00	21	0.00
Milk transfer factor for Ra	18	-0.07	18	-0.01	20	0.00	20	0.00
Fish transfer factor for Ra	17	-0.07	17	-0.02	11	-0.04	11	-0.01
Well pumping rate	5	0.32	5	0.08	13	0.04	13	0.01
Mass loading for inhalation	19	-0.06	19	-0.01	8	-0.06	8	-0.02
Indoor dust filtration factor	10	0.10	10	0.02	19	-0.01	19	0.00
Depth of soil mixing layer	11	-0.09	11	-0.02	10	-0.05	10	-0.02
Depth of roots	3	-0.80	3	-0.30	3	-0.79	3	-0.39
Wet weight crop yield of fruit, grain and non-leafy vegetables	13	0.08	14	0.02	6	0.10	6	0.03
Weathering removal constant of all vegetation	6	0.22	6	0.05	15	-0.03	15	-0.01
Wet foliar interception fraction of leafy vegetables	15	0.08	15	0.02	14	0.03	14	0.01
R-SQUARE		0.95		0.95		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		SRC		PRCC		SRRC	
	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	9	0.11	9	0.03	11	-0.09	11	-0.03
Kd of Pb-210 in Unsaturated Zone 1	13	0.08	12	0.02	19	0.04	19	0.01
Kd of Pb-210 in Saturated Zone	17	0.06	17	0.02	14	0.06	14	0.02
Kd of Ra-226 in Contaminated Zone	5	0.19	5	0.06	15	-0.06	15	-0.02
Kd of Ra-226 in Unsaturated Zone 1	15	-0.07	15	-0.02	18	0.05	18	0.02
Kd of Ra-226 in Saturated Zone	10	-0.09	10	-0.03	5	0.15	4	0.05
Plant transfer factor for Pb	2	0.86	2	0.47	2	0.80	2	0.44
Meat transfer factor for Pb	4	0.20	4	0.06	4	0.15	5	0.05
Milk transfer factor for Pb	18	0.04	19	0.01	13	0.06	13	0.02
Fish transfer factor for Pb	20	0.04	20	0.01	7	-0.11	7	-0.04
Plant transfer factor for Ra	1	0.94	1	0.74	1	0.92	1	0.76
Meat transfer factor for Ra	11	0.09	11	0.02	8	0.11	8	0.04
Milk transfer factor for Ra	16	0.06	16	0.02	10	0.10	10	0.03
Fish transfer factor for Ra	6	0.15	6	0.05	12	-0.07	12	-0.02
Well pumping rate	21	0.03	21	0.01	6	0.14	6	0.05
Mass loading for inhalation	8	0.12	8	0.03	16	-0.05	16	-0.02
Indoor dust filtration factor	14	-0.08	14	-0.02	22	0.00	22	0.00
Depth of soil mixing layer	7	-0.13	7	-0.04	17	-0.05	17	-0.02
Depth of roots	3	-0.79	3	-0.36	3	-0.76	3	-0.39
Wet weight crop yield of fruit, grain and non-leafy vegetables	12	0.08	13	0.02	21	0.00	21	0.00
Weathering removal constant of all vegetation	22	0.00	22	0.00	20	0.02	20	0.01
Wet foliar interception fraction of leafy vegetables	19	0.04	18	0.01	9	0.11	9	0.04
R-SQUARE		0.93		0.93		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		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	18	0.03	18	0.01	15	0.05	15	0.01	
Kd of Pb-210 in Unsaturated Zone 1	15	0.06	15	0.01	19	-0.02	19	-0.01	
Kd of Pb-210 in Saturated Zone	14	0.08	14	0.02	17	-0.03	17	-0.01	
Kd of Ra-226 in Contaminated Zone	19	0.01	19	0.00	12	-0.07	12	-0.02	
Kd of Ra-226 in Unsaturated Zone 1	10	0.10	10	0.02	14	0.06	14	0.02	
Kd of Ra-226 in Saturated Zone	13	0.08	13	0.02	18	0.02	18	0.01	
Plant transfer factor for Pb	2	0.82	2	0.31	2	0.83	2	0.47	
Meat transfer factor for Pb	7	0.13	8	0.03	16	-0.04	16	-0.01	
Milk transfer factor for Pb	6	-0.13	6	-0.03	5	-0.24	5	-0.08	
Fish transfer factor for Pb	9	-0.11	9	-0.02	10	0.11	10	0.04	
Plant transfer factor for Ra	1	0.97	1	0.90	1	0.91	1	0.69	
Meat transfer factor for Ra	20	-0.01	20	0.00	9	0.13	9	0.04	
Milk transfer factor for Ra	12	0.09	12	0.02	8	0.13	8	0.04	
Fish transfer factor for Ra	17	0.05	17	0.01	7	-0.19	7	-0.06	
Well pumping rate	11	0.10	11	0.02	22	-0.01	22	0.00	
Mass loading for inhalation	8	0.12	5	0.03	20	0.01	20	0.00	
Indoor dust filtration factor	4	-0.15	4	-0.03	21	0.01	21	0.00	
Depth of soil mixing layer	16	0.06	16	0.01	6	-0.20	6	-0.06	
Depth of roots	3	-0.81	3	-0.29	3	-0.79	3	-0.41	
Wet weight crop yield of fruit, grain and non-leafy vegetables	5	-0.14	7	-0.03	11	-0.11	11	-0.03	
Weathering removal constant of all vegetation	21	0.00	21	0.00	4	0.26	4	0.09	
Wet foliar interception fraction of leafy vegetables	22	0.00	22	0.00	13	-0.06	13	-0.02	
R-SQUARE		0.96		0.96		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.

Coefficients for peak Meat (WaterInd.) 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	16	-0.05	16	-0.01	6	0.15	6	0.05
Kd of Pb-210 in Unsaturated Zone 1	20	-0.02	20	0.00	11	0.09	11	0.03
Kd of Pb-210 in Saturated Zone	14	0.06	14	0.01	10	-0.10	10	-0.03
Kd of Ra-226 in Contaminated Zone	8	0.10	7	0.03	18	-0.04	18	-0.01
Kd of Ra-226 in Unsaturated Zone 1	13	-0.07	12	-0.02	16	0.06	16	0.02
Kd of Ra-226 in Saturated Zone	18	0.03	18	0.01	12	0.09	12	0.03
Plant transfer factor for Pb	4	0.43	4	0.13	4	0.34	4	0.12
Meat transfer factor for Pb	1	0.95	1	0.83	1	0.92	1	0.80
Milk transfer factor for Pb	15	-0.06	15	-0.01	9	0.12	9	0.04
Fish transfer factor for Pb	9	-0.09	9	-0.02	8	-0.14	8	-0.05
Plant transfer factor for Ra	3	0.67	3	0.23	3	0.59	3	0.24
Meat transfer factor for Ra	2	0.78	2	0.36	2	0.74	2	0.36
Milk transfer factor for Ra	7	-0.10	8	-0.03	21	0.02	21	0.01
Fish transfer factor for Ra	11	0.08	11	0.02	19	-0.04	19	-0.01
Well pumping rate	19	-0.03	19	-0.01	15	0.06	15	0.02
Mass loading for inhalation	21	0.01	21	0.00	22	0.00	22	0.00
Indoor dust filtration factor	22	0.00	22	0.00	20	-0.03	20	-0.01
Depth of soil mixing layer	6	-0.18	6	-0.05	13	-0.07	13	-0.02
Depth of roots	5	-0.39	5	-0.11	5	-0.33	5	-0.11
Wet weight crop yield of fruit, grain and non-leafy vegetables	12	-0.08	13	-0.02	17	0.05	17	0.02
Weathering removal constant of all vegetation	17	0.05	17	0.01	14	-0.07	14	-0.02
Wet foliar interception fraction of leafy vegetables	10	0.08	10	0.02	7	0.15	7	0.05
R-SQUARE		0.94		0.94		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	0.09	12	0.03	8	0.23	8	0.05
Kd of Pb-210 in Unsaturated Zone 1		11	-0.10	11	-0.03	13	-0.11	13	-0.02
Kd of Pb-210 in Saturated Zone		14	0.08	14	0.02	17	-0.06	17	-0.01
Kd of Ra-226 in Contaminated Zone		15	0.07	15	0.02	10	0.16	10	0.04
Kd of Ra-226 in Unsaturated Zone 1		19	0.03	20	0.01	12	0.13	12	0.03
Kd of Ra-226 in Saturated Zone		20	-0.03	19	-0.01	6	0.26	6	0.06
Plant transfer factor for Pb		3	0.64	3	0.23	4	0.45	4	0.11
Meat transfer factor for Pb		1	0.93	1	0.75	1	0.97	1	0.85
Milk transfer factor for Pb		6	0.21	6	0.06	20	-0.03	20	-0.01
Fish transfer factor for Pb		9	0.11	9	0.03	11	0.14	11	0.03
Plant transfer factor for Ra		4	0.60	4	0.21	3	0.75	3	0.26
Meat transfer factor for Ra		2	0.80	2	0.37	2	0.87	2	0.39
Milk transfer factor for Ra		17	-0.04	17	-0.01	9	0.17	9	0.04
Fish transfer factor for Ra		22	0.01	22	0.00	16	0.06	16	0.01
Well pumping rate		13	-0.09	13	-0.02	15	0.08	15	0.02
Mass loading for inhalation		16	-0.06	16	-0.02	18	-0.05	18	-0.01
Indoor dust filtration factor		10	-0.11	10	-0.03	22	0.01	22	0.00
Depth of soil mixing layer		21	0.02	21	0.00	21	0.02	21	0.01
Depth of roots		5	-0.37	5	-0.11	5	-0.44	5	-0.11
Wet weight crop yield of fruit, grain and non-leafy vegetables		18	0.04	18	0.01	7	0.25	7	0.06
Weathering removal constant of all vegetation		7	-0.15	7	-0.04	19	-0.04	19	-0.01
Wet foliar interception fraction of leafy vegetables		8	0.14	8	0.04	14	0.10	14	0.02
R-SQUARE			0.93		0.93		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 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	9	0.15	9	0.04	6	0.18	6	0.05
Kd of Pb-210 in Unsaturated Zone 1	15	-0.04	16	-0.01	19	-0.06	19	-0.02
Kd of Pb-210 in Saturated Zone	18	0.02	18	0.00	9	-0.15	9	-0.04
Kd of Ra-226 in Contaminated Zone	22	0.01	22	0.00	18	0.06	18	0.02
Kd of Ra-226 in Unsaturated Zone 1	19	0.02	19	0.00	15	0.08	15	0.03
Kd of Ra-226 in Saturated Zone	17	0.03	17	0.01	12	-0.13	12	-0.04
Plant transfer factor for Pb	5	0.29	5	0.06	11	0.14	11	0.04
Meat transfer factor for Pb	1	0.97	1	0.86	1	0.94	1	0.84
Milk transfer factor for Pb	6	-0.23	6	-0.05	14	-0.10	14	-0.03
Fish transfer factor for Pb	20	0.02	20	0.00	13	0.11	13	0.03
Plant transfer factor for Ra	3	0.83	3	0.30	3	0.59	3	0.22
Meat transfer factor for Ra	2	0.87	2	0.38	2	0.78	2	0.37
Milk transfer factor for Ra	16	0.04	15	0.01	22	0.02	22	0.00
Fish transfer factor for Ra	12	-0.06	12	-0.01	21	-0.02	21	-0.01
Well pumping rate	11	0.09	11	0.02	4	0.24	4	0.07
Mass loading for inhalation	10	-0.13	10	-0.03	16	0.08	16	0.02
Indoor dust filtration factor	8	-0.19	8	-0.04	17	-0.08	17	-0.02
Depth of soil mixing layer	13	0.05	14	0.01	8	-0.15	8	-0.05
Depth of roots	4	-0.45	4	-0.10	10	-0.14	10	-0.04
Wet weight crop yield of fruit, grain and non-leafy vegetables	14	-0.05	13	-0.01	5	-0.20	5	-0.06
Weathering removal constant of all vegetation	21	0.02	21	0.00	7	0.17	7	0.05
Wet foliar interception fraction of leafy vegetables	7	-0.22	7	-0.05	20	-0.05	20	-0.01
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	
Kd of Pb-210 in Contaminated Zone	17	-0.04	17	-0.01	16	0.04	16	0.01	
Kd of Pb-210 in Unsaturated Zone 1	18	0.03	19	0.01	20	0.02	20	0.01	
Kd of Pb-210 in Saturated Zone	16	-0.05	16	-0.01	22	0.01	22	0.00	
Kd of Ra-226 in Contaminated Zone	8	0.15	8	0.03	17	-0.03	17	-0.01	
Kd of Ra-226 in Unsaturated Zone 1	12	-0.09	11	-0.02	12	-0.07	12	-0.03	
Kd of Ra-226 in Saturated Zone	15	0.07	15	0.01	15	-0.04	15	-0.01	
Plant transfer factor for Pb	5	0.39	5	0.09	5	0.22	5	0.08	
Meat transfer factor for Pb	10	-0.10	10	-0.02	13	-0.05	13	-0.02	
Milk transfer factor for Pb	1	0.97	1	0.85	1	0.90	1	0.76	
Fish transfer factor for Pb	6	-0.21	6	-0.05	7	-0.19	7	-0.07	
Plant transfer factor for Ra	2	0.88	2	0.36	3	0.63	3	0.30	
Meat transfer factor for Ra	19	-0.03	18	-0.01	8	0.15	8	0.05	
Milk transfer factor for Ra	3	0.80	3	0.27	2	0.75	2	0.41	
Fish transfer factor for Ra	22	0.00	22	0.00	9	0.11	9	0.04	
Well pumping rate	7	0.19	7	0.04	14	-0.05	14	-0.02	
Mass loading for inhalation	20	0.02	20	0.00	19	-0.03	19	-0.01	
Indoor dust filtration factor	21	0.00	21	0.00	10	-0.10	10	-0.04	
Depth of soil mixing layer	14	0.07	14	0.01	18	0.03	18	0.01	
Depth of roots	4	-0.42	4	-0.09	4	-0.36	4	-0.14	
Wet weight crop yield of fruit, grain and non-leafy vegetables	9	0.14	9	0.03	11	0.09	11	0.03	
Weathering removal constant of all vegetation	11	0.10	12	0.02	6	-0.20	6	-0.08	
Wet foliar interception fraction of leafy vegetables	13	0.08	13	0.02	21	0.01	21	0.00	
R-SQUARE		0.96		0.96		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 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	7	0.22	7	0.04	5	0.21	5	0.06
Kd of Pb-210 in Unsaturated Zone 1	18	-0.01	18	0.00	22	0.00	22	0.00
Kd of Pb-210 in Saturated Zone	12	0.09	12	0.02	7	0.16	8	0.04
Kd of Ra-226 in Contaminated Zone	9	0.12	10	0.02	21	0.01	21	0.00
Kd of Ra-226 in Unsaturated Zone 1	20	-0.01	20	0.00	8	0.16	7	0.04
Kd of Ra-226 in Saturated Zone	10	-0.12	9	-0.02	17	0.06	17	0.02
Plant transfer factor for Pb	5	0.43	5	0.07	11	0.14	10	0.04
Meat transfer factor for Pb	17	0.02	17	0.00	16	-0.07	16	-0.02
Milk transfer factor for Pb	1	0.99	1	0.90	1	0.95	1	0.82
Fish transfer factor for Pb	11	0.11	11	0.02	18	-0.04	18	-0.01
Plant transfer factor for Ra	3	0.81	3	0.22	3	0.65	3	0.24
Meat transfer factor for Ra	14	0.06	14	0.01	15	-0.08	15	-0.02
Milk transfer factor for Ra	2	0.90	2	0.33	2	0.80	2	0.37
Fish transfer factor for Ra	6	0.30	6	0.06	20	-0.01	20	0.00
Well pumping rate	21	-0.01	21	0.00	6	0.17	6	0.05
Mass loading for inhalation	15	0.04	15	0.01	12	-0.11	12	-0.03
Indoor dust filtration factor	13	-0.08	13	-0.01	14	-0.08	14	-0.02
Depth of soil mixing layer	16	-0.04	16	-0.01	10	-0.14	11	-0.04
Depth of roots	4	-0.61	4	-0.12	4	-0.46	4	-0.14
Wet weight crop yield of fruit, grain and non-leafy vegetables	22	0.00	22	0.00	13	0.10	13	0.03
Weathering removal constant of all vegetation	19	-0.01	19	0.00	19	-0.04	19	-0.01
Wet foliar interception fraction of leafy vegetables	8	0.20	8	0.03	9	0.14	9	0.04
R-SQUARE		0.98		0.98		0.92		0.92

-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 3		SRC 3		PRCC 3		SRRC 3	
	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	8	0.16	7	0.04	14	-0.08	14	-0.03
Kd of Pb-210 in Unsaturated Zone 1	19	-0.03	19	-0.01	11	-0.11	11	-0.04
Kd of Pb-210 in Saturated Zone	16	0.07	16	0.02	18	0.06	18	0.02
Kd of Ra-226 in Contaminated Zone	5	0.21	5	0.05	5	0.23	5	0.08
Kd of Ra-226 in Unsaturated Zone 1	14	0.08	14	0.02	22	-0.01	22	0.00
Kd of Ra-226 in Saturated Zone	13	0.09	13	0.02	9	-0.12	9	-0.04
Plant transfer factor for Pb	6	0.19	6	0.04	12	0.09	12	0.03
Meat transfer factor for Pb	21	-0.02	21	0.00	7	0.14	7	0.05
Milk transfer factor for Pb	1	0.96	1	0.81	1	0.91	1	0.76
Fish transfer factor for Pb	20	-0.03	20	-0.01	19	-0.04	19	-0.01
Plant transfer factor for Ra	2	0.91	2	0.46	3	0.67	3	0.31
Meat transfer factor for Ra	15	0.08	15	0.02	16	-0.06	16	-0.02
Milk transfer factor for Ra	3	0.83	3	0.32	2	0.78	2	0.44
Fish transfer factor for Ra	22	0.02	22	0.00	17	0.06	17	0.02
Well pumping rate	11	0.12	11	0.03	13	0.08	13	0.03
Mass loading for inhalation	17	0.05	17	0.01	20	-0.04	20	-0.01
Indoor dust filtration factor	12	-0.11	12	-0.02	6	-0.21	6	-0.08
Depth of soil mixing layer	18	-0.04	18	-0.01	21	-0.03	21	-0.01
Depth of roots	4	-0.42	4	-0.10	4	-0.36	4	-0.13
Wet weight crop yield of fruit, grain and non-leafy vegetables	7	-0.16	8	-0.03	8	-0.13	8	-0.05
Weathering removal constant of all vegetation	9	0.13	9	0.03	15	-0.07	15	-0.02
Wet foliar interception fraction of leafy vegetables	10	-0.13	10	-0.03	10	0.12	10	0.04
R-SQUARE		0.96		0.96		0.88		0.88

-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	9	0.07	9	0.08	2	0.79	2	0.56
Kd of Pb-210 in Unsaturated Zone 1	4	0.10	4	0.10	14	0.04	14	0.02
Kd of Pb-210 in Saturated Zone	10	0.06	10	0.06	8	0.09	8	0.04
Kd of Ra-226 in Contaminated Zone	1	0.17	1	0.18	1	0.85	1	0.70
Kd of Ra-226 in Unsaturated Zone 1	14	-0.03	14	-0.04	21	-0.01	21	0.00
Kd of Ra-226 in Saturated Zone	6	0.09	6	0.09	19	0.01	19	0.01
Plant transfer factor for Pb	8	0.08	7	0.08	7	0.09	7	0.04
Meat transfer factor for Pb	11	-0.05	11	-0.05	12	-0.07	12	-0.03
Milk transfer factor for Pb	7	-0.08	8	-0.08	3	-0.18	3	-0.08
Fish transfer factor for Pb	15	-0.03	15	-0.03	20	0.01	20	0.00
Plant transfer factor for Ra	5	0.10	5	0.10	9	-0.08	9	-0.04
Meat transfer factor for Ra	2	0.16	2	0.17	17	-0.03	17	-0.01
Milk transfer factor for Ra	20	-0.01	21	-0.01	5	-0.13	5	-0.06
Fish transfer factor for Ra	3	0.14	3	0.14	22	0.00	22	0.00
Well pumping rate	13	-0.04	13	-0.04	6	-0.10	6	-0.04
Mass loading for inhalation	18	-0.01	19	-0.01	11	-0.07	11	-0.03
Indoor dust filtration factor	21	0.01	20	0.01	10	-0.08	10	-0.03
Depth of soil mixing layer	12	0.04	12	0.04	13	0.06	13	0.03
Depth of roots	16	0.03	16	0.03	4	0.14	4	0.06
Wet weight crop yield of fruit, grain and non-leafy vegetables	22	0.01	22	0.01	18	-0.02	18	-0.01
Weathering removal constant of all vegetation	19	-0.01	18	-0.01	15	0.04	15	0.02
Wet foliar interception fraction of leafy vegetables	17	-0.03	17	-0.03	16	-0.03	16	-0.01
R-SQUARE		0.10		0.10		0.81		0.81

-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	20	0.02	20	0.02	2	0.78	2	0.53
Kd of Pb-210 in Unsaturated Zone 1	17	-0.03	17	-0.03	16	0.04	16	0.02
Kd of Pb-210 in Saturated Zone	6	0.11	6	0.11	7	0.17	8	0.07
Kd of Ra-226 in Contaminated Zone	3	0.14	2	0.15	1	0.85	1	0.69
Kd of Ra-226 in Unsaturated Zone 1	10	0.07	11	0.07	4	0.24	4	0.11
Kd of Ra-226 in Saturated Zone	9	0.08	7	0.10	21	-0.01	21	0.00
Plant transfer factor for Pb	4	0.13	4	0.13	18	-0.03	18	-0.01
Meat transfer factor for Pb	18	0.03	18	0.03	15	-0.06	15	-0.03
Milk transfer factor for Pb	11	0.07	12	0.07	17	0.04	17	0.02
Fish transfer factor for Pb	8	0.09	9	0.09	13	0.08	13	0.04
Plant transfer factor for Ra	16	0.04	16	0.04	9	0.14	9	0.06
Meat transfer factor for Ra	1	-0.24	1	-0.25	20	0.01	20	0.00
Milk transfer factor for Ra	14	0.05	14	0.05	10	-0.14	10	-0.06
Fish transfer factor for Ra	21	-0.01	21	-0.02	22	0.00	22	0.00
Well pumping rate	19	0.02	19	0.02	3	-0.26	3	-0.11
Mass loading for inhalation	12	0.07	10	0.07	12	-0.11	12	-0.05
Indoor dust filtration factor	13	-0.06	13	-0.06	8	-0.17	7	-0.07
Depth of soil mixing layer	22	0.01	22	0.01	11	-0.12	11	-0.05
Depth of roots	7	-0.09	8	-0.09	19	0.03	19	0.01
Wet weight crop yield of fruit, grain and non-leafy vegetables	2	0.15	3	0.14	6	0.20	6	0.09
Weathering removal constant of all vegetation	15	-0.05	15	-0.05	5	-0.24	5	-0.11
Wet foliar interception fraction of leafy vegetables	5	0.11	5	0.11	14	0.07	14	0.03
R-SQUARE		0.13		0.13		0.82		0.82

-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	2	0.19	2	0.23	2	0.81	2	0.55
Kd of Pb-210 in Unsaturated Zone 1	12	-0.06	12	-0.05	17	0.06	17	0.02
Kd of Pb-210 in Saturated Zone	11	0.07	11	0.07	16	0.07	16	0.03
Kd of Ra-226 in Contaminated Zone	3	0.15	3	0.15	1	0.87	1	0.70
Kd of Ra-226 in Unsaturated Zone 1	17	-0.04	17	-0.04	7	-0.19	7	-0.08
Kd of Ra-226 in Saturated Zone	10	-0.10	10	-0.10	10	-0.15	10	-0.06
Plant transfer factor for Pb	13	-0.04	13	-0.04	20	0.03	20	0.01
Meat transfer factor for Pb	18	-0.04	19	-0.03	18	-0.05	18	-0.02
Milk transfer factor for Pb	1	-0.27	1	-0.27	12	0.11	12	0.04
Fish transfer factor for Pb	14	0.04	14	0.04	21	0.02	21	0.01
Plant transfer factor for Ra	9	0.11	9	0.10	5	0.24	5	0.10
Meat transfer factor for Ra	8	0.11	7	0.10	9	0.17	9	0.07
Milk transfer factor for Ra	16	-0.04	16	-0.04	14	-0.09	14	-0.04
Fish transfer factor for Ra	19	-0.03	18	-0.03	22	-0.01	22	-0.01
Well pumping rate	22	0.01	22	0.01	3	-0.27	3	-0.11
Mass loading for inhalation	21	-0.01	21	-0.02	4	0.26	4	0.11
Indoor dust filtration factor	4	-0.14	4	-0.13	11	-0.13	11	-0.05
Depth of soil mixing layer	7	-0.11	8	-0.10	19	-0.03	19	-0.01
Depth of roots	5	0.13	5	0.12	15	0.09	15	0.04
Wet weight crop yield of fruit, grain and non-leafy vegetables	6	-0.12	6	-0.11	13	-0.09	13	-0.04
Weathering removal constant of all vegetation	20	-0.03	20	-0.03	6	-0.21	6	-0.08
Wet foliar interception fraction of leafy vegetables	15	-0.04	15	-0.04	8	-0.18	8	-0.07
R-SQUARE		0.21		0.21		0.84		0.84

-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	0.05	14	0.05	6	-0.12	6	-0.10
Kd of Pb-210 in Unsaturated Zone 1	5	-0.11	5	-0.11	1	-0.40	1	-0.37
Kd of Pb-210 in Saturated Zone	22	-0.01	22	-0.01	13	-0.08	13	-0.07
Kd of Ra-226 in Contaminated Zone	21	0.01	21	0.01	15	0.05	15	0.04
Kd of Ra-226 in Unsaturated Zone 1	15	0.04	15	0.05	16	0.04	16	0.03
Kd of Ra-226 in Saturated Zone	13	-0.06	13	-0.06	22	-0.01	22	-0.01
Plant transfer factor for Pb	18	0.02	18	0.02	2	0.27	2	0.24
Meat transfer factor for Pb	2	0.20	2	0.20	9	-0.10	9	-0.09
Milk transfer factor for Pb	1	0.22	1	0.22	21	-0.02	21	-0.02
Fish transfer factor for Pb	17	-0.02	17	-0.02	18	0.03	18	0.03
Plant transfer factor for Ra	7	-0.10	7	-0.09	17	0.03	17	0.03
Meat transfer factor for Ra	12	-0.06	11	-0.07	14	-0.05	14	-0.04
Milk transfer factor for Ra	10	0.08	10	0.08	12	0.08	12	0.07
Fish transfer factor for Ra	8	-0.09	8	-0.09	7	-0.12	7	-0.10
Well pumping rate	6	0.10	6	0.10	20	0.02	20	0.02
Mass loading for inhalation	19	0.01	19	0.01	11	-0.09	11	-0.07
Indoor dust filtration factor	11	0.07	12	0.06	3	0.22	3	0.19
Depth of soil mixing layer	20	-0.01	20	-0.01	4	-0.15	4	-0.13
Depth of roots	3	0.18	3	0.18	5	0.14	5	0.12
Wet weight crop yield of fruit, grain and non-leafy vegetables	16	-0.02	16	-0.02	10	-0.09	10	-0.08
Weathering removal constant of all vegetation	9	-0.09	9	-0.09	19	0.03	19	0.02
Wet foliar interception fraction of leafy vegetables	4	-0.12	4	-0.11	8	0.10	8	0.09
R-SQUARE		0.14		0.14		0.30		0.30

-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	17	-0.05	17	-0.04
Kd of Pb-210 in Unsaturated Zone 1	22	0.00	22	0.00	1	-0.39	1	-0.34
Kd of Pb-210 in Saturated Zone	7	-0.11	7	-0.11	19	-0.05	19	-0.04
Kd of Ra-226 in Contaminated Zone	20	0.01	20	0.01	15	0.07	15	0.06
Kd of Ra-226 in Unsaturated Zone 1	15	-0.02	15	-0.02	20	-0.03	20	-0.02
Kd of Ra-226 in Saturated Zone	12	-0.05	11	-0.06	2	0.28	2	0.24
Plant transfer factor for Pb	8	-0.10	8	-0.10	16	0.06	16	0.05
Meat transfer factor for Pb	1	0.22	1	0.23	3	0.24	3	0.20
Milk transfer factor for Pb	17	-0.01	17	-0.01	21	0.02	21	0.02
Fish transfer factor for Pb	19	0.01	19	0.01	11	0.11	11	0.09
Plant transfer factor for Ra	6	-0.12	6	-0.11	4	-0.20	4	-0.17
Meat transfer factor for Ra	3	0.15	3	0.15	8	0.13	8	0.10
Milk transfer factor for Ra	14	0.04	14	0.04	12	0.09	12	0.07
Fish transfer factor for Ra	11	-0.05	12	-0.06	9	-0.12	10	-0.10
Well pumping rate	16	0.02	16	0.01	18	0.05	18	0.04
Mass loading for inhalation	13	-0.04	13	-0.04	13	-0.09	13	-0.07
Indoor dust filtration factor	2	0.16	2	0.16	22	-0.01	22	0.00
Depth of soil mixing layer	9	0.09	9	0.09	6	-0.13	6	-0.11
Depth of roots	18	-0.01	18	-0.01	14	-0.08	14	-0.06
Wet weight crop yield of fruit, grain and non-leafy vegetables	4	-0.14	5	-0.13	5	-0.17	5	-0.14
Weathering removal constant of all vegetation	5	-0.13	4	-0.13	10	0.12	9	0.10
Wet foliar interception fraction of leafy vegetables	10	-0.08	10	-0.08	7	-0.13	7	-0.10
R-SQUARE		0.14		0.14		0.36		0.36

-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	7	0.12	4	0.14	19	-0.01	19	-0.01
Kd of Pb-210 in Unsaturated Zone 1	22	-0.01	22	-0.01	1	-0.38	1	-0.35
Kd of Pb-210 in Saturated Zone	15	-0.05	15	-0.05	21	0.00	21	0.00
Kd of Ra-226 in Contaminated Zone	21	-0.01	21	-0.01	6	0.12	6	0.11
Kd of Ra-226 in Unsaturated Zone 1	11	-0.07	11	-0.07	10	0.07	10	0.06
Kd of Ra-226 in Saturated Zone	16	0.05	16	0.05	2	0.26	2	0.23
Plant transfer factor for Pb	3	-0.13	5	-0.13	15	0.02	15	0.02
Meat transfer factor for Pb	18	-0.03	18	-0.03	16	-0.02	16	-0.02
Milk transfer factor for Pb	8	-0.10	8	-0.10	9	-0.08	9	-0.07
Fish transfer factor for Pb	17	0.04	17	0.04	4	0.19	4	0.17
Plant transfer factor for Ra	12	-0.07	13	-0.06	18	-0.02	18	-0.01
Meat transfer factor for Ra	19	0.03	19	0.03	8	-0.09	8	-0.08
Milk transfer factor for Ra	2	-0.16	2	-0.16	7	-0.10	7	-0.09
Fish transfer factor for Ra	14	-0.06	12	-0.06	14	0.04	14	0.03
Well pumping rate	6	-0.12	7	-0.12	5	-0.13	5	-0.11
Mass loading for inhalation	4	-0.13	3	-0.15	3	-0.22	3	-0.19
Indoor dust filtration factor	1	-0.17	1	-0.16	20	0.01	20	0.01
Depth of soil mixing layer	9	-0.09	9	-0.08	13	-0.04	13	-0.03
Depth of roots	20	-0.02	20	-0.02	11	0.07	11	0.06
Wet weight crop yield of fruit, grain and non-leafy vegetables	13	-0.07	14	-0.06	12	-0.07	12	-0.06
Weathering removal constant of all vegetation	10	0.07	10	0.07	22	0.00	22	0.00
Wet foliar interception fraction of leafy vegetables	5	0.13	6	0.13	17	0.02	17	0.02
R-SQUARE		0.14		0.14		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	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	14	0.05	14	0.05	6	-0.12	6	-0.10
Kd of Pb-210 in Unsaturated Zone 1	5	-0.11	5	-0.11	1	-0.40	1	-0.37
Kd of Pb-210 in Saturated Zone	22	-0.01	22	-0.01	13	-0.08	13	-0.07
Kd of Ra-226 in Contaminated Zone	21	0.01	21	0.01	15	0.05	15	0.04
Kd of Ra-226 in Unsaturated Zone 1	15	0.04	15	0.05	16	0.04	16	0.03
Kd of Ra-226 in Saturated Zone	13	-0.06	13	-0.06	22	-0.01	22	-0.01
Plant transfer factor for Pb	18	0.02	18	0.02	2	0.27	2	0.24
Meat transfer factor for Pb	2	0.20	2	0.20	9	-0.10	9	-0.09
Milk transfer factor for Pb	1	0.22	1	0.22	21	-0.02	21	-0.02
Fish transfer factor for Pb	17	-0.02	17	-0.02	18	0.03	18	0.03
Plant transfer factor for Ra	7	-0.10	7	-0.09	17	0.03	17	0.03
Meat transfer factor for Ra	12	-0.06	11	-0.07	14	-0.05	14	-0.04
Milk transfer factor for Ra	10	0.08	10	0.08	12	0.08	12	0.07
Fish transfer factor for Ra	8	-0.09	8	-0.09	7	-0.12	7	-0.10
Well pumping rate	6	0.10	6	0.10	20	0.02	20	0.02
Mass loading for inhalation	19	0.01	19	0.01	11	-0.09	11	-0.07
Indoor dust filtration factor	11	0.07	12	0.06	3	0.22	3	0.19
Depth of soil mixing layer	20	-0.01	20	-0.01	4	-0.15	4	-0.13
Depth of roots	3	0.18	3	0.18	5	0.14	5	0.12
Wet weight crop yield of fruit, grain and non-leafy vegetables	16	-0.02	16	-0.02	10	-0.09	10	-0.08
Weathering removal constant of all vegetation	9	-0.09	9	-0.09	19	0.03	19	0.02
Wet foliar interception fraction of leafy vegetables	4	-0.12	4	-0.11	8	0.10	8	0.09
R-SQUARE		0.14		0.14		0.30		0.30

-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	21	-0.01	21	-0.01	17	-0.05	17	-0.04
Kd of Pb-210 in Unsaturated Zone 1	22	0.00	22	0.00	1	-0.39	1	-0.34
Kd of Pb-210 in Saturated Zone	7	-0.11	7	-0.11	19	-0.05	19	-0.04
Kd of Ra-226 in Contaminated Zone	20	0.01	20	0.01	15	0.07	15	0.06
Kd of Ra-226 in Unsaturated Zone 1	15	-0.02	15	-0.02	20	-0.03	20	-0.02
Kd of Ra-226 in Saturated Zone	12	-0.05	11	-0.06	2	0.28	2	0.24
Plant transfer factor for Pb	8	-0.10	8	-0.10	16	0.06	16	0.05
Meat transfer factor for Pb	1	0.22	1	0.23	3	0.24	3	0.20
Milk transfer factor for Pb	17	-0.01	17	-0.01	21	0.02	21	0.02
Fish transfer factor for Pb	19	0.01	19	0.01	11	0.11	11	0.09
Plant transfer factor for Ra	6	-0.12	6	-0.12	4	-0.20	4	-0.17
Meat transfer factor for Ra	3	0.15	3	0.15	8	0.13	8	0.10
Milk transfer factor for Ra	14	0.04	14	0.04	12	0.09	12	0.07
Fish transfer factor for Ra	11	-0.05	12	-0.06	9	-0.12	10	-0.10
Well pumping rate	16	0.02	16	0.01	18	0.05	18	0.04
Mass loading for inhalation	13	-0.04	13	-0.04	13	-0.09	13	-0.07
Indoor dust filtration factor	2	0.16	2	0.16	22	-0.01	22	0.00
Depth of soil mixing layer	9	0.09	9	0.09	6	-0.13	6	-0.11
Depth of roots	18	-0.01	18	-0.01	14	-0.08	14	-0.06
Wet weight crop yield of fruit, grain and non-leafy vegetables	4	-0.14	4	-0.13	5	-0.17	5	-0.14
Weathering removal constant of all vegetation	5	-0.13	5	-0.13	10	0.12	9	0.10
Wet foliar interception fraction of leafy vegetables	10	-0.08	10	-0.08	7	-0.13	7	-0.10
R-SQUARE		0.14		0.14		0.36		0.36

-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	7	0.12	4	0.14	19	-0.01	19	-0.01
Kd of Pb-210 in Unsaturated Zone 1	22	-0.01	22	-0.01	1	-0.38	1	-0.35
Kd of Pb-210 in Saturated Zone	15	-0.05	15	-0.05	21	0.00	21	0.00
Kd of Ra-226 in Contaminated Zone	21	-0.01	21	-0.01	6	0.12	6	0.11
Kd of Ra-226 in Unsaturated Zone 1	11	-0.07	11	-0.07	10	0.07	10	0.06
Kd of Ra-226 in Saturated Zone	16	0.05	16	0.05	2	0.26	2	0.23
Plant transfer factor for Pb	3	-0.13	5	-0.13	15	0.02	15	0.02
Meat transfer factor for Pb	18	-0.03	18	-0.03	16	-0.02	16	-0.02
Milk transfer factor for Pb	8	-0.10	8	-0.10	9	-0.08	9	-0.07
Fish transfer factor for Pb	17	0.05	17	0.04	4	0.19	4	0.17
Plant transfer factor for Ra	12	-0.07	13	-0.06	18	-0.02	18	-0.01
Meat transfer factor for Ra	19	0.03	19	0.03	8	-0.09	8	-0.08
Milk transfer factor for Ra	2	-0.16	2	-0.16	7	-0.10	7	-0.09
Fish transfer factor for Ra	14	-0.06	12	-0.06	14	0.04	14	0.03
Well pumping rate	6	-0.12	7	-0.12	5	-0.13	5	-0.11
Mass loading for inhalation	4	-0.13	3	-0.15	3	-0.22	3	-0.19
Indoor dust filtration factor	1	-0.17	1	-0.16	20	0.01	20	0.01
Depth of soil mixing layer	9	-0.09	9	-0.08	13	-0.04	13	-0.03
Depth of roots	20	-0.02	20	-0.02	11	0.07	11	0.06
Wet weight crop yield of fruit, grain and non-leafy vegetables	13	-0.06	14	-0.06	12	-0.07	12	-0.06
Weathering removal constant of all vegetation	10	0.07	10	0.07	22	0.00	22	0.00
Wet foliar interception fraction of leafy vegetables	5	0.13	6	0.13	17	0.02	17	0.02
R-SQUARE		0.14		0.14		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 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		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		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	0.05	14	0.05	6	-0.12	6	-0.10
Kd of Pb-210 in Unsaturated Zone 1	5	-0.11	5	-0.11	1	-0.40	1	-0.37
Kd of Pb-210 in Saturated Zone	22	-0.01	22	-0.01	13	-0.08	13	-0.07
Kd of Ra-226 in Contaminated Zone	21	0.01	21	0.01	15	0.05	15	0.04
Kd of Ra-226 in Unsaturated Zone 1	15	0.04	15	0.05	16	0.04	16	0.03
Kd of Ra-226 in Saturated Zone	13	-0.06	13	-0.06	22	-0.01	22	-0.01
Plant transfer factor for Pb	18	0.02	18	0.02	2	0.27	2	0.24
Meat transfer factor for Pb	2	0.20	2	0.20	9	-0.10	9	-0.09
Milk transfer factor for Pb	1	0.22	1	0.22	21	-0.02	21	-0.02
Fish transfer factor for Pb	17	-0.02	17	-0.02	18	0.03	18	0.03
Plant transfer factor for Ra	7	-0.10	7	-0.09	17	0.03	17	0.03
Meat transfer factor for Ra	12	-0.06	11	-0.07	14	-0.05	14	-0.04
Milk transfer factor for Ra	10	0.08	10	0.08	12	0.08	12	0.07
Fish transfer factor for Ra	8	-0.09	8	-0.09	7	-0.12	7	-0.10
Well pumping rate	6	0.10	6	0.10	20	0.02	20	0.02
Mass loading for inhalation	19	0.01	19	0.01	11	-0.09	11	-0.07
Indoor dust filtration factor	11	0.07	12	0.06	3	0.22	3	0.19
Depth of soil mixing layer	20	-0.01	20	-0.01	4	-0.15	4	-0.13
Depth of roots	3	0.18	3	0.18	5	0.14	5	0.12
Wet weight crop yield of fruit, grain and non-leafy vegetables	16	-0.02	16	-0.02	10	-0.09	10	-0.08
Weathering removal constant of all vegetation	9	-0.09	9	-0.09	19	0.03	19	0.02
Wet foliar interception fraction of leafy vegetables	4	-0.12	4	-0.11	8	0.10	8	0.09
R-SQUARE		0.14		0.14		0.30		0.30

-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	Coef	Sig	Coef	Sig	Coef	Sig	Coef
Kd of Pb-210 in Contaminated Zone	21	-0.01	21	-0.01	17	-0.05	17	-0.04
Kd of Pb-210 in Unsaturated Zone 1	22	0.00	22	0.00	1	-0.39	1	-0.34
Kd of Pb-210 in Saturated Zone	7	-0.11	7	-0.11	19	-0.05	19	-0.04
Kd of Ra-226 in Contaminated Zone	20	0.01	20	0.01	15	0.07	15	0.06
Kd of Ra-226 in Unsaturated Zone 1	15	-0.02	15	-0.02	20	-0.03	20	-0.02
Kd of Ra-226 in Saturated Zone	12	-0.05	11	-0.06	2	0.28	2	0.24
Plant transfer factor for Pb	8	-0.10	8	-0.10	16	0.06	16	0.05
Meat transfer factor for Pb	1	0.22	1	0.23	3	0.24	3	0.20
Milk transfer factor for Pb	17	-0.01	17	-0.01	21	0.02	21	0.02
Fish transfer factor for Pb	19	0.01	19	0.01	11	0.11	11	0.09
Plant transfer factor for Ra	6	-0.12	6	-0.11	4	-0.20	4	-0.17
Meat transfer factor for Ra	3	0.15	3	0.15	8	0.13	8	0.10
Milk transfer factor for Ra	14	0.04	14	0.04	12	0.09	12	0.07
Fish transfer factor for Ra	11	-0.05	12	-0.06	9	-0.12	10	-0.10
Well pumping rate	16	0.02	16	0.01	18	0.05	18	0.04
Mass loading for inhalation	13	-0.04	13	-0.04	13	-0.09	13	-0.07
Indoor dust filtration factor	2	0.16	2	0.16	22	-0.01	22	0.00
Depth of soil mixing layer	9	0.09	9	0.09	6	-0.13	6	-0.11
Depth of roots	18	-0.01	18	-0.01	14	-0.08	14	-0.06
Wet weight crop yield of fruit, grain and non-leafy vegetables	4	-0.14	5	-0.13	5	-0.17	5	-0.14
Weathering removal constant of all vegetation	5	-0.13	4	-0.13	10	0.12	9	0.10
Wet foliar interception fraction of leafy vegetables	10	-0.08	10	-0.08	7	-0.13	7	-0.10
R-SQUARE		0.14		0.14		0.36		0.36

-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	7	0.12	4	0.14	19	-0.01	19	-0.01
Kd of Pb-210 in Unsaturated Zone 1	22	-0.01	22	-0.01	1	-0.38	1	-0.35
Kd of Pb-210 in Saturated Zone	15	-0.05	15	-0.05	21	0.00	21	0.00
Kd of Ra-226 in Contaminated Zone	21	-0.01	21	-0.01	6	0.12	6	0.11
Kd of Ra-226 in Unsaturated Zone 1	11	-0.07	11	-0.07	10	0.07	10	0.06
Kd of Ra-226 in Saturated Zone	16	0.05	16	0.05	2	0.26	2	0.23
Plant transfer factor for Pb	3	-0.13	5	-0.13	15	0.02	15	0.02
Meat transfer factor for Pb	18	-0.03	18	-0.03	16	-0.02	16	-0.02
Milk transfer factor for Pb	8	-0.10	8	-0.10	9	-0.08	9	-0.07
Fish transfer factor for Pb	17	0.05	17	0.04	4	0.19	4	0.17
Plant transfer factor for Ra	12	-0.07	13	-0.06	18	-0.02	18	-0.01
Meat transfer factor for Ra	19	0.03	19	0.03	8	-0.09	8	-0.08
Milk transfer factor for Ra	2	-0.16	2	-0.16	7	-0.10	7	-0.09
Fish transfer factor for Ra	14	-0.06	12	-0.06	14	0.04	14	0.03
Well pumping rate	6	-0.12	7	-0.12	5	-0.13	5	-0.11
Mass loading for inhalation	4	-0.13	3	-0.15	3	-0.22	3	-0.19
Indoor dust filtration factor	1	-0.17	1	-0.16	20	0.01	20	0.01
Depth of soil mixing layer	9	-0.09	9	-0.08	13	-0.04	13	-0.03
Depth of roots	20	-0.02	20	-0.02	11	0.07	11	0.06
Wet weight crop yield of fruit, grain and non-leafy vegetables	13	-0.06	14	-0.06	12	-0.07	12	-0.06
Weathering removal constant of all vegetation	10	0.07	10	0.07	22	0.00	22	0.00
Wet foliar interception fraction of leafy vegetables	5	0.13	6	0.13	17	0.02	17	0.02
R-SQUARE		0.14		0.14		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	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	14	0.05	14	0.05	6	-0.12	6	-0.10
Kd of Pb-210 in Unsaturated Zone 1	5	-0.11	5	-0.11	1	-0.40	1	-0.37
Kd of Pb-210 in Saturated Zone	22	-0.01	22	-0.01	13	-0.08	13	-0.07
Kd of Ra-226 in Contaminated Zone	21	0.01	21	0.01	15	0.05	15	0.04
Kd of Ra-226 in Unsaturated Zone 1	15	0.04	15	0.05	16	0.04	16	0.03
Kd of Ra-226 in Saturated Zone	13	-0.06	13	-0.06	22	-0.01	22	-0.01
Plant transfer factor for Pb	18	0.02	18	0.02	2	0.27	2	0.24
Meat transfer factor for Pb	2	0.20	2	0.20	9	-0.10	9	-0.09
Milk transfer factor for Pb	1	0.22	1	0.22	21	-0.02	21	-0.02
Fish transfer factor for Pb	17	-0.02	17	-0.02	18	0.03	18	0.03
Plant transfer factor for Ra	7	-0.10	7	-0.09	17	0.03	17	0.03
Meat transfer factor for Ra	12	-0.06	11	-0.07	14	-0.05	14	-0.04
Milk transfer factor for Ra	10	0.08	10	0.08	12	0.08	12	0.07
Fish transfer factor for Ra	8	-0.09	8	-0.09	7	-0.12	7	-0.10
Well pumping rate	6	0.10	6	0.10	20	0.02	20	0.02
Mass loading for inhalation	19	0.01	19	0.01	11	-0.09	11	-0.07
Indoor dust filtration factor	11	0.07	12	0.06	3	0.22	3	0.19
Depth of soil mixing layer	20	-0.01	20	-0.01	4	-0.15	4	-0.13
Depth of roots	3	0.18	3	0.18	5	0.14	5	0.12
Wet weight crop yield of fruit, grain and non-leafy vegetables	16	-0.02	16	-0.02	10	-0.09	10	-0.08
Weathering removal constant of all vegetation	9	-0.09	9	-0.09	19	0.03	19	0.02
Wet foliar interception fraction of leafy vegetables	4	-0.12	4	-0.11	8	0.10	8	0.09
R-SQUARE		0.14		0.14		0.30		0.30

-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		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	21	-0.01	21	-0.01	17	-0.05	17	-0.04	
Kd of Pb-210 in Unsaturated Zone 1	22	0.00	22	0.00	1	-0.39	1	-0.34	
Kd of Pb-210 in Saturated Zone	7	-0.11	7	-0.11	19	-0.05	19	-0.04	
Kd of Ra-226 in Contaminated Zone	20	0.01	20	0.01	15	0.07	15	0.06	
Kd of Ra-226 in Unsaturated Zone 1	15	-0.02	15	-0.02	20	-0.03	20	-0.02	
Kd of Ra-226 in Saturated Zone	12	-0.05	11	-0.06	2	0.28	2	0.24	
Plant transfer factor for Pb	8	-0.10	8	-0.10	16	0.06	16	0.05	
Meat transfer factor for Pb	1	0.22	1	0.23	3	0.24	3	0.20	
Milk transfer factor for Pb	17	-0.01	17	-0.01	21	0.02	21	0.02	
Fish transfer factor for Pb	19	0.01	19	0.01	11	0.11	11	0.09	
Plant transfer factor for Ra	6	-0.12	6	-0.11	4	-0.20	4	-0.17	
Meat transfer factor for Ra	3	0.15	3	0.15	8	0.13	8	0.10	
Milk transfer factor for Ra	14	0.04	14	0.04	12	0.09	12	0.07	
Fish transfer factor for Ra	11	-0.05	12	-0.06	9	-0.12	10	-0.10	
Well pumping rate	16	0.02	16	0.01	18	0.05	18	0.04	
Mass loading for inhalation	13	-0.04	13	-0.04	13	-0.09	13	-0.07	
Indoor dust filtration factor	2	0.16	2	0.16	22	-0.01	22	0.00	
Depth of soil mixing layer	9	0.09	9	0.09	6	-0.13	6	-0.11	
Depth of roots	18	-0.01	18	-0.01	14	-0.08	14	-0.06	
Wet weight crop yield of fruit, grain and non-leafy vegetables	4	-0.14	5	-0.13	5	-0.17	5	-0.14	
Weathering removal constant of all vegetation	5	-0.13	4	-0.13	10	0.12	9	0.10	
Wet foliar interception fraction of leafy vegetables	10	-0.08	10	-0.08	7	-0.13	7	-0.10	
R-SQUARE		0.14		0.14		0.36		0.36	

-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	Coef	Sig	Coef	Sig	Coef	Sig	Coef
Kd of Pb-210 in Contaminated Zone	7	0.12	4	0.14	19	-0.01	19	-0.01
Kd of Pb-210 in Unsaturated Zone 1	22	-0.01	22	-0.01	1	-0.38	1	-0.35
Kd of Pb-210 in Saturated Zone	15	-0.05	15	-0.05	21	0.00	21	0.00
Kd of Ra-226 in Contaminated Zone	21	-0.01	21	-0.01	6	0.12	6	0.11
Kd of Ra-226 in Unsaturated Zone 1	11	-0.07	11	-0.07	10	0.07	10	0.06
Kd of Ra-226 in Saturated Zone	16	0.05	16	0.05	2	0.26	2	0.23
Plant transfer factor for Pb	3	-0.13	5	-0.13	15	0.02	15	0.02
Meat transfer factor for Pb	18	-0.03	18	-0.03	16	-0.02	16	-0.02
Milk transfer factor for Pb	8	-0.10	8	-0.10	9	-0.08	9	-0.07
Fish transfer factor for Pb	17	0.04	17	0.04	4	0.19	4	0.17
Plant transfer factor for Ra	12	-0.07	13	-0.06	18	-0.02	18	-0.01
Meat transfer factor for Ra	19	0.03	19	0.03	8	-0.09	8	-0.08
Milk transfer factor for Ra	2	-0.16	2	-0.16	7	-0.10	7	-0.09
Fish transfer factor for Ra	14	-0.06	12	-0.06	14	0.04	14	0.03
Well pumping rate	6	-0.12	7	-0.12	5	-0.13	5	-0.11
Mass loading for inhalation	4	-0.13	3	-0.15	3	-0.22	3	-0.19
Indoor dust filtration factor	1	-0.17	1	-0.16	20	0.01	20	0.01
Depth of soil mixing layer	9	-0.09	9	-0.08	13	-0.04	13	-0.03
Depth of roots	20	-0.02	20	-0.02	11	0.07	11	0.06
Wet weight crop yield of fruit, grain and non-leafy vegetables	13	-0.07	14	-0.06	12	-0.07	12	-0.06
Weathering removal constant of all vegetation	10	0.07	10	0.07	22	0.00	22	0.00
Wet foliar interception fraction of leafy vegetables	5	0.13	6	0.13	17	0.02	17	0.02
R-SQUARE		0.14		0.14		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
 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	0.05	14	0.05	6	-0.12	6	-0.10
Kd of Pb-210 in Unsaturated Zone 1	5	-0.11	5	-0.11	1	-0.40	1	-0.37
Kd of Pb-210 in Saturated Zone	22	-0.01	22	-0.01	13	-0.08	13	-0.07
Kd of Ra-226 in Contaminated Zone	21	0.01	21	0.01	15	0.05	15	0.04
Kd of Ra-226 in Unsaturated Zone 1	15	0.04	15	0.05	16	0.04	16	0.03
Kd of Ra-226 in Saturated Zone	13	-0.06	13	-0.06	22	-0.01	22	-0.01
Plant transfer factor for Pb	18	0.02	18	0.02	2	0.27	2	0.24
Meat transfer factor for Pb	2	0.20	2	0.20	9	-0.10	9	-0.09
Milk transfer factor for Pb	1	0.22	1	0.22	21	-0.02	21	-0.02
Fish transfer factor for Pb	17	-0.02	17	-0.02	18	0.03	18	0.03
Plant transfer factor for Ra	7	-0.10	7	-0.09	17	0.03	17	0.03
Meat transfer factor for Ra	12	-0.06	11	-0.07	14	-0.05	14	-0.04
Milk transfer factor for Ra	10	0.08	10	0.08	12	0.08	12	0.07
Fish transfer factor for Ra	8	-0.09	8	-0.09	7	-0.12	7	-0.10
Well pumping rate	6	0.10	6	0.10	20	0.02	20	0.02
Mass loading for inhalation	19	0.01	19	0.01	11	-0.09	11	-0.07
Indoor dust filtration factor	11	0.07	12	0.06	3	0.22	3	0.19
Depth of soil mixing layer	20	-0.01	20	-0.01	4	-0.15	4	-0.13
Depth of roots	3	0.18	3	0.18	5	0.14	5	0.12
Wet weight crop yield of fruit, grain and non-leafy vegetables	16	-0.02	16	-0.02	10	-0.09	10	-0.08
Weathering removal constant of all vegetation	9	-0.09	9	-0.09	19	0.03	19	0.02
Wet foliar interception fraction of leafy vegetables	4	-0.12	4	-0.11	8	0.10	8	0.09
R-SQUARE		0.14		0.14		0.30		0.30

-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	21	-0.01	17	-0.05	17	-0.04
Kd of Pb-210 in Unsaturated Zone 1	22	0.00	22	0.00	1	-0.39	1	-0.34
Kd of Pb-210 in Saturated Zone	7	-0.11	7	-0.11	19	-0.05	19	-0.04
Kd of Ra-226 in Contaminated Zone	20	0.01	20	0.01	15	0.07	15	0.06
Kd of Ra-226 in Unsaturated Zone 1	15	-0.02	15	-0.02	20	-0.03	20	-0.02
Kd of Ra-226 in Saturated Zone	12	-0.05	11	-0.06	2	0.28	2	0.24
Plant transfer factor for Pb	8	-0.10	8	-0.10	16	0.06	16	0.05
Meat transfer factor for Pb	1	0.22	1	0.23	3	0.24	3	0.20
Milk transfer factor for Pb	17	-0.01	17	-0.01	21	0.02	21	0.02
Fish transfer factor for Pb	19	0.01	19	0.01	11	0.11	11	0.09
Plant transfer factor for Ra	6	-0.12	6	-0.12	4	-0.20	4	-0.17
Meat transfer factor for Ra	3	0.15	3	0.15	8	0.13	8	0.10
Milk transfer factor for Ra	14	0.04	14	0.04	12	0.09	12	0.07
Fish transfer factor for Ra	11	-0.05	12	-0.06	9	-0.12	10	-0.10
Well pumping rate	16	0.02	16	0.01	18	0.05	18	0.04
Mass loading for inhalation	13	-0.04	13	-0.04	13	-0.09	13	-0.07
Indoor dust filtration factor	2	0.16	2	0.16	22	-0.01	22	0.00
Depth of soil mixing layer	9	0.09	9	0.09	6	-0.13	6	-0.11
Depth of roots	18	-0.01	18	-0.01	14	-0.08	14	-0.06
Wet weight crop yield of fruit, grain and non-leafy vegetables	4	-0.14	5	-0.13	5	-0.17	5	-0.14
Weathering removal constant of all vegetation	5	-0.13	4	-0.13	10	0.12	9	0.10
Wet foliar interception fraction of leafy vegetables	10	-0.08	10	-0.08	7	-0.13	7	-0.10
R-SQUARE		0.14		0.14		0.36		0.36

-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 =		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	7	0.12	4	0.14	19	-0.01	19	-0.01	
Kd of Pb-210 in Unsaturated Zone 1	22	-0.01	22	-0.01	1	-0.38	1	-0.35	
Kd of Pb-210 in Saturated Zone	15	-0.05	15	-0.05	21	0.00	21	0.00	
Kd of Ra-226 in Contaminated Zone	21	-0.01	21	-0.01	6	0.12	6	0.11	
Kd of Ra-226 in Unsaturated Zone 1	11	-0.07	11	-0.07	10	0.07	10	0.06	
Kd of Ra-226 in Saturated Zone	16	0.05	16	0.05	2	0.26	2	0.23	
Plant transfer factor for Pb	3	-0.13	5	-0.13	15	0.02	15	0.02	
Meat transfer factor for Pb	18	-0.03	18	-0.03	16	-0.02	16	-0.02	
Milk transfer factor for Pb	8	-0.10	8	-0.10	9	-0.08	9	-0.07	
Fish transfer factor for Pb	17	0.05	17	0.04	4	0.19	4	0.17	
Plant transfer factor for Ra	12	-0.07	13	-0.06	18	-0.02	18	-0.01	
Meat transfer factor for Ra	19	0.03	19	0.03	8	-0.09	8	-0.08	
Milk transfer factor for Ra	2	-0.16	2	-0.16	7	-0.10	7	-0.09	
Fish transfer factor for Ra	14	-0.06	12	-0.06	14	0.04	14	0.03	
Well pumping rate	6	-0.12	7	-0.12	5	-0.13	5	-0.11	
Mass loading for inhalation	4	-0.13	3	-0.15	3	-0.22	3	-0.19	
Indoor dust filtration factor	1	-0.17	1	-0.16	20	0.01	20	0.01	
Depth of soil mixing layer	9	-0.09	9	-0.08	13	-0.04	13	-0.03	
Depth of roots	20	-0.02	20	-0.02	11	0.07	11	0.06	
Wet weight crop yield of fruit, grain and non-leafy vegetables	13	-0.06	14	-0.06	12	-0.07	12	-0.06	
Weathering removal constant of all vegetation	10	0.07	10	0.07	22	0.00	22	0.00	
Wet foliar interception fraction of leafy vegetables	5	0.13	6	0.13	17	0.02	17	0.02	
R-SQUARE		0.14		0.14		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		PCC		SRC		PRCC		SRRC	
Coefficient =		1		1		1		1	
Repetition =									
Description of Probabilistic Variable		Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone		16	-0.05	16	-0.01	13	0.06	13	0.01
Kd of Pb-210 in Unsaturated Zone 1		17	-0.05	17	-0.01	20	0.03	20	0.00
Kd of Pb-210 in Saturated Zone		18	-0.04	18	-0.01	19	0.04	19	0.01
Kd of Ra-226 in Contaminated Zone		19	-0.03	19	-0.01	21	0.02	21	0.00
Kd of Ra-226 in Unsaturated Zone 1		20	0.03	20	0.01	17	0.05	17	0.01
Kd of Ra-226 in Saturated Zone		10	-0.14	10	-0.04	18	-0.05	18	-0.01
Plant transfer factor for Pb		1	0.96	1	0.96	1	0.98	1	0.94
Meat transfer factor for Pb		14	0.07	14	0.02	7	-0.12	7	-0.02
Milk transfer factor for Pb		15	0.06	15	0.02	5	0.16	5	0.03
Fish transfer factor for Pb		3	-0.31	3	-0.09	9	0.12	9	0.02
Plant transfer factor for Ra		5	0.24	6	0.06	3	0.31	3	0.06
Meat transfer factor for Ra		8	-0.18	8	-0.06	16	0.05	16	0.01
Milk transfer factor for Ra		13	-0.12	13	-0.03	12	-0.06	12	-0.01
Fish transfer factor for Ra		21	-0.02	21	-0.01	15	0.05	14	0.01
Well pumping rate		4	0.25	4	0.07	14	0.05	15	0.01
Mass loading for inhalation		11	0.13	11	0.04	22	-0.01	22	0.00
Indoor dust filtration factor		6	0.23	5	0.07	10	0.08	10	0.01
Depth of soil mixing layer		9	-0.18	9	-0.05	4	0.19	4	0.03
Depth of roots		2	-0.67	2	-0.25	2	-0.84	2	-0.28
Wet weight crop yield of fruit, grain and non-leafy vegetables		22	0.01	22	0.00	6	0.15	6	0.03
Weathering removal constant of all vegetation		7	0.21	7	0.06	11	0.07	11	0.01
Wet foliar interception fraction of leafy vegetables		12	0.12	12	0.03	8	0.12	8	0.02
R-SQUARE			0.93		0.93		0.97		0.97

-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	Coef	Sig	Coef	Sig	Coef	Sig	Coef	
Kd of Pb-210 in Contaminated Zone	22	-0.01	22	0.00	22	-0.01	22	0.00	
Kd of Pb-210 in Unsaturated Zone 1	5	0.21	5	0.05	21	0.01	21	0.00	
Kd of Pb-210 in Saturated Zone	11	-0.08	10	-0.02	17	-0.05	17	-0.01	
Kd of Ra-226 in Contaminated Zone	4	0.23	4	0.06	11	0.10	11	0.02	
Kd of Ra-226 in Unsaturated Zone 1	7	-0.16	7	-0.04	15	-0.07	15	-0.01	
Kd of Ra-226 in Saturated Zone	21	-0.01	21	0.00	10	0.10	10	0.02	
Plant transfer factor for Pb	1	0.97	1	0.92	1	0.98	1	0.93	
Meat transfer factor for Pb	15	0.04	16	0.01	12	-0.08	12	-0.01	
Milk transfer factor for Pb	14	-0.05	14	-0.01	7	0.16	7	0.03	
Fish transfer factor for Pb	9	0.10	9	0.02	6	0.18	6	0.03	
Plant transfer factor for Ra	6	0.16	6	0.04	9	0.11	9	0.02	
Meat transfer factor for Ra	19	0.03	19	0.01	3	0.23	3	0.04	
Milk transfer factor for Ra	12	-0.07	12	-0.02	18	-0.05	18	-0.01	
Fish transfer factor for Ra	16	0.04	15	0.01	19	0.03	19	0.01	
Well pumping rate	3	0.31	3	0.07	8	0.13	8	0.02	
Mass loading for inhalation	8	0.14	8	0.03	5	0.22	5	0.04	
Indoor dust filtration factor	18	0.03	18	0.01	14	-0.07	14	-0.01	
Depth of soil mixing layer	20	0.02	20	0.00	4	0.23	4	0.04	
Depth of roots	2	-0.73	2	-0.25	2	-0.84	2	-0.29	
Wet weight crop yield of fruit, grain and non-leafy vegetables	13	0.07	13	0.02	13	-0.07	13	-0.01	
Weathering removal constant of all vegetation	17	-0.03	17	-0.01	16	0.06	16	0.01	
Wet foliar interception fraction of leafy vegetables	10	0.08	11	0.02	20	-0.03	20	0.00	
R-SQUARE		0.95		0.95		0.97		0.97	

-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 3		SRC 3		PRCC 3		SRRC 3	
	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	9	0.09	7	0.04	8	-0.14	8	-0.02
Kd of Pb-210 in Unsaturated Zone 1	20	-0.02	20	-0.01	17	0.04	17	0.01
Kd of Pb-210 in Saturated Zone	3	0.21	3	0.08	21	0.03	21	0.00
Kd of Ra-226 in Contaminated Zone	15	-0.04	15	-0.01	15	0.08	15	0.01
Kd of Ra-226 in Unsaturated Zone 1	10	0.08	10	0.03	22	0.00	22	0.00
Kd of Ra-226 in Saturated Zone	11	-0.07	11	-0.02	13	0.09	13	0.02
Plant transfer factor for Pb	1	0.94	1	0.91	1	0.98	1	0.95
Meat transfer factor for Pb	22	0.01	22	0.00	14	0.09	14	0.02
Milk transfer factor for Pb	8	-0.09	9	-0.03	19	-0.04	19	-0.01
Fish transfer factor for Pb	12	-0.06	12	-0.02	20	-0.04	20	-0.01
Plant transfer factor for Ra	19	-0.02	19	-0.01	18	0.04	18	0.01
Meat transfer factor for Ra	13	-0.06	13	-0.02	3	0.24	3	0.04
Milk transfer factor for Ra	7	0.09	8	0.03	4	0.21	4	0.04
Fish transfer factor for Ra	16	-0.03	16	-0.01	9	-0.13	9	-0.02
Well pumping rate	4	0.17	4	0.06	16	0.05	16	0.01
Mass loading for inhalation	6	0.10	6	0.04	12	-0.10	12	-0.02
Indoor dust filtration factor	18	-0.02	18	-0.01	7	0.14	7	0.02
Depth of soil mixing layer	14	0.06	14	0.02	11	0.11	11	0.02
Depth of roots	2	-0.59	2	-0.25	2	-0.85	2	-0.28
Wet weight crop yield of fruit, grain and non-leafy vegetables	17	0.03	17	0.01	10	-0.13	10	-0.02
Weathering removal constant of all vegetation	5	-0.11	5	-0.04	5	0.16	5	0.03
Wet foliar interception fraction of leafy vegetables	21	0.01	21	0.00	6	-0.15	6	-0.03
R-SQUARE		0.89		0.89		0.97		0.97

-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	Coef	Sig	Coef	Sig	Coef	Sig	Coef	
Kd of Pb-210 in Contaminated Zone	12	-0.09	11	-0.02	14	0.04	14	0.01	
Kd of Pb-210 in Unsaturated Zone 1	18	-0.06	18	-0.01	13	-0.04	13	-0.01	
Kd of Pb-210 in Saturated Zone	22	-0.01	22	0.00	6	-0.11	6	-0.03	
Kd of Ra-226 in Contaminated Zone	15	0.07	14	0.02	8	0.09	8	0.03	
Kd of Ra-226 in Unsaturated Zone 1	8	-0.16	7	-0.04	12	0.05	12	0.02	
Kd of Ra-226 in Saturated Zone	19	-0.05	19	-0.01	21	0.00	21	0.00	
Plant transfer factor for Pb	2	0.86	2	0.43	2	0.82	2	0.43	
Meat transfer factor for Pb	21	0.04	21	0.01	19	0.01	19	0.00	
Milk transfer factor for Pb	7	0.18	8	0.04	5	-0.12	5	-0.04	
Fish transfer factor for Pb	4	-0.39	4	-0.10	7	-0.09	7	-0.03	
Plant transfer factor for Ra	1	0.96	1	0.79	1	0.92	1	0.72	
Meat transfer factor for Ra	9	-0.14	9	-0.04	22	0.00	22	0.00	
Milk transfer factor for Ra	14	-0.07	15	-0.02	20	0.00	20	0.00	
Fish transfer factor for Ra	20	-0.05	20	-0.01	15	-0.04	15	-0.01	
Well pumping rate	5	0.28	5	0.07	11	0.05	11	0.02	
Mass loading for inhalation	11	-0.10	12	-0.02	10	-0.07	10	-0.02	
Indoor dust filtration factor	16	0.07	16	0.02	18	-0.01	18	0.00	
Depth of soil mixing layer	13	-0.08	13	-0.02	9	-0.08	9	-0.02	
Depth of roots	3	-0.83	3	-0.35	3	-0.81	3	-0.43	
Wet weight crop yield of fruit, grain and non-leafy vegetables	10	0.13	10	0.03	4	0.12	4	0.04	
Weathering removal constant of all vegetation	6	0.25	6	0.06	17	0.01	17	0.00	
Wet foliar interception fraction of leafy vegetables	17	0.07	17	0.02	16	-0.02	16	-0.01	
R-SQUARE		0.95		0.95		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
 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	8	0.15	7	0.05	16	-0.06	16	-0.02
Kd of Pb-210 in Unsaturated Zone 1	14	0.07	14	0.02	22	-0.01	22	0.00
Kd of Pb-210 in Saturated Zone	16	0.07	15	0.02	10	0.11	10	0.04
Kd of Ra-226 in Contaminated Zone	5	0.21	6	0.06	12	0.09	12	0.03
Kd of Ra-226 in Unsaturated Zone 1	19	-0.04	19	-0.01	9	0.12	9	0.04
Kd of Ra-226 in Saturated Zone	11	-0.12	9	-0.04	4	0.21	4	0.07
Plant transfer factor for Pb	2	0.85	2	0.47	3	0.79	3	0.44
Meat transfer factor for Pb	4	0.23	4	0.07	5	0.21	5	0.07
Milk transfer factor for Pb	13	0.10	13	0.03	11	0.09	11	0.03
Fish transfer factor for Pb	18	0.05	18	0.02	8	-0.13	8	-0.04
Plant transfer factor for Ra	1	0.93	1	0.71	1	0.91	1	0.72
Meat transfer factor for Ra	22	0.00	22	0.00	17	0.03	17	0.01
Milk transfer factor for Ra	12	0.11	12	0.03	6	0.16	6	0.05
Fish transfer factor for Ra	6	0.19	5	0.07	18	-0.02	18	-0.01
Well pumping rate	21	0.03	21	0.01	7	0.15	7	0.05
Mass loading for inhalation	10	0.12	11	0.04	19	-0.02	19	-0.01
Indoor dust filtration factor	17	-0.06	17	-0.02	20	0.02	20	0.01
Depth of soil mixing layer	7	-0.16	8	-0.05	15	-0.08	15	-0.03
Depth of roots	3	-0.82	3	-0.41	2	-0.80	2	-0.44
Wet weight crop yield of fruit, grain and non-leafy vegetables	9	0.13	10	0.04	13	0.08	13	0.03
Weathering removal constant of all vegetation	15	-0.07	16	-0.02	21	-0.01	21	0.00
Wet foliar interception fraction of leafy vegetables	20	0.04	20	0.01	14	0.08	14	0.03
R-SQUARE		0.93		0.93		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
 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	0.06	14	0.02	10	0.10	10	0.03
Kd of Pb-210 in Unsaturated Zone 1	16	0.05	17	0.01	17	-0.06	17	-0.02
Kd of Pb-210 in Saturated Zone	17	0.05	16	0.01	20	0.02	20	0.01
Kd of Ra-226 in Contaminated Zone	13	0.08	12	0.02	12	0.09	12	0.03
Kd of Ra-226 in Unsaturated Zone 1	11	0.10	11	0.02	11	0.09	11	0.03
Kd of Ra-226 in Saturated Zone	9	0.10	8	0.03	22	0.00	22	0.00
Plant transfer factor for Pb	3	0.78	3	0.31	2	0.81	2	0.46
Meat transfer factor for Pb	8	0.11	10	0.03	16	-0.07	15	-0.02
Milk transfer factor for Pb	5	-0.12	5	-0.03	4	-0.21	4	-0.07
Fish transfer factor for Pb	7	-0.11	9	-0.03	13	0.09	13	0.03
Plant transfer factor for Ra	1	0.96	1	0.88	1	0.90	1	0.68
Meat transfer factor for Ra	21	-0.01	21	0.00	8	0.13	8	0.04
Milk transfer factor for Ra	14	0.06	15	0.01	9	0.12	9	0.04
Fish transfer factor for Ra	20	0.01	20	0.00	6	-0.21	6	-0.07
Well pumping rate	12	0.08	13	0.02	19	0.02	19	0.01
Mass loading for inhalation	10	0.10	7	0.03	18	-0.04	18	-0.01
Indoor dust filtration factor	4	-0.15	4	-0.04	21	-0.01	21	0.00
Depth of soil mixing layer	19	0.02	19	0.01	5	-0.21	5	-0.07
Depth of roots	2	-0.80	2	-0.32	3	-0.79	3	-0.44
Wet weight crop yield of fruit, grain and non-leafy vegetables	6	-0.12	6	-0.03	14	-0.08	14	-0.03
Weathering removal constant of all vegetation	18	-0.03	18	-0.01	7	0.20	7	0.07
Wet foliar interception fraction of leafy vegetables	22	0.00	22	0.00	15	-0.07	16	-0.02
R-SQUARE		0.94		0.94		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.