

NOTE: (a) Committed effective dose equivalent

NOTE: (b) Meat, milk, and vegetables

NOTE: (c) Dose from tritium in foods calculated with absolute humidity of 12.9 g water/cubic meter of air

NOTE: (d) Radionuclides contributing 0.01% or more from POPDOSE-SR output.

**Data Table 6-28 CAP88 PC Population Dose Compared to POPDOSE-SR
2014 Collective Committed Dose from Atmospheric Releases**

Pathway	CAP88 Code		POPDOSE-SR Code	
	Person-rem ^(a)	Percent of Dose	Person-rem ^(a)	Percent of Dose ^(d)
Plume	1.46E-02	0.34	8.83E-03	0.52
Ground	1.38E-01	3.23	1.37E-01	8.02
Inhalation	6.93E-01	16.21	1.26E+00	73.80
Food ^(b)	3.43E+00	80.22	3.01E-01	17.66
Total	4.28E+00		1.71E+00	

Radionuclide	CAP88 Code		POPDOSE-SR Code	
	Person-rem(a)	Percent of Dose	Person-rem(a)	Percent of Dose(d)
Gases and Vapors				
H-3 ^(c)	3.87E+00	90.37	1.53E+00	89.61
C-14	4.79E-03	0.11	1.72E-03	0.10
Kr-85	1.46E-02	0.34	8.83E-03	0.52
I-129	1.06E-01	2.48	1.16E-02	0.68
Particulates				
Am-241	1.09E-03	0.03	1.20E-03	0.07
Cs-137	2.48E-01	5.80	1.38E-01	8.08
Np-237	2.77E-04	0.01	2.46E-04	0.01
Pu-238	2.68E-03	0.06	2.94E-03	0.17
Pu-239	2.93E-03	0.07	3.19E-03	0.19
Pu-240	5.53E-04	0.01	5.77E-04	0.03
Pu-241	2.76E-04	0.01	2.78E-04	0.02
Sr-90	1.03E-03	0.02	1.81E-04	0.01
Alpha	7.42E-03	0.17	7.77E-03	0.46
Non-Volatile Beta	2.23E-02	0.52	8.22E-04	0.05
Total	4.28E+00		1.71E+00	