'NCRP 160"

agnitude of Changes in Collective Effective Dose and Effective Dose per Individual in the U.S. Population Between the Early 1980s (NCRP Report No. 93) and 2006 (NCRP Report No. 160)

Exposure Category	Collective Effective Dose (person-Sv)[a]			Effective Dose per Individual in the U.S. Population (mSv)[a]		
	(1) 2006	(2) Early 1980s	Ratio (1) / (2)	(1) 2006	(2) Early 1980s	Ratio (1) / (2)
Ubiquitous background	933,000	690,000	1.35	3.11	3.00	1.04
Medical	899,000	123,000	7.3	3.00	0.53	5.7
Consumer	39,000	12,000 – 29,000	—[b]	0.13	0.05 – 0.13	—[b]
Industrial, security, medical, educational and research	1,000	200	—[b]	0.003	0.001	—[b]
Occupational	1,400	2,000	—[b]	0.005	0.009	—[b]
Total	1,870,000	835,000	2.2	6.2	3.6	1.7

[a]The quantities used in NCRP Report No. 93 were expressed in effective dose equi alent.
[b]Not listed; disparate aggregated sources.

*3.11 ⇒ 73% Rn = 2.27
11% Space (Cosmic) = 34
7% Terrestrial = 22
5% Potassium = 16
4% Th + U = 12
34

NCRP 1929 2009

http://NCRPonline.org
http://NCRPPublications.org