Conversion coefficients from photon fluence to ambient dose equivalent and maximum dose equivalent for mono-energetic photons.

(A. Ferrari and M. Pelliccioni, Radiat. Prot. Dos., On the Conversion Coefficients from Fluence to Ambient Dose Equivalent, Vol. 51, No.4, pag. 251, 1994.A. Ferrari and M. Pelliccioni, Fluence-to-Dose Equivalent Conversion Coefficients for Electrons and Photons of Energy up to 10 GeV, Proceedings 8th International Conference on Radiation Shielding, Arlington, April 24-28, 1994, Vol. 2, pag. 893).

Photon Energy (MeV)	H* (10)/Φ (pSv · cm^2)		H_{MAX} / Φ (pSv · cm^2)	
0.01	0.083	≤ 1.0%	12.56 (*)	≤ 1.0%
0.015	0.85	≤ 1.0%	5.54 (*)	≤ 1.0%
0.02	1.05	≤ 1.0%	3.26 (*)	2.5%
0.03	0.80	≤ 1.0%	0.84	≤ 1.0%
0.04	0.62	1.2%	0.62	1.2%
0.05	0.52	1.1%	0.55	3.0%
0.06	0.51	2.4%	0.54	2.8%
0.08	0.56	1.4%	0.55	4.5%
0.1	0.62	3.0%	0.65	3.8%
0.15	0.87	1.6%	0.91	2.7%
0.2	1.23	1.2%	1.23	1.0%
0.3	1.81	1.4%	1.81	≤ 1.0%
0.4	2.36	2.1%	2.41	1.2%
0.5	2.78	≤ 1.0%	2.91	1.1%
0.6	3.46	2.0%	3.51	2.2%
0.8	4.29	1.4%	4.43	1.1%
1.0	5.18	1.5%	5.23	1.3%
1.5	6.92	1.5%	7.03	1.0%
2.0	8.25	1.3%	8.57	≤ 1.0%
3.0	10.4	2.0%	11.1	1.7%
4.0	10.7	2.4%	13.6	≤ 1.0%
5.0	10.4	1.6%	15.0	1.1%
6.0	9.58	≤ 1.0%	16.9	≤ 1.0%
8.0	9.10	1.7%	20.8	1.6%
10	8.76	≤ 1.0%	24.0	1.2%
20	8.29	1.9%	40.7	1.3%
30	8.23	2.0%	57.3	1.4%
40	8.26	1.8%	72.0	1.3%
50	8.64	2.0%	87.2	1.8%
100	9.00	5.9%	154.7	2.1%
200	10.2	5.6%	220.6	1.8%
500	11.8	4.0%	316.2	1.3%
1000	11.7	3.9%	361.3	≤ 1.0%
2000	11.5	3.5%	417.2	1.0%
5000	13.3	5.0%	499.6	≤ 1.0%
10000	12.2	4.1%	546.0	1.2%