

**Supplementary Table 1.** Mean doses, person-years, numbers of lung cancers by categories of plutonium dose to the lung.

Plutonium lung dose (Gy)	Mean dose (Gy)	Person-years	Lung cancers	Relative Risk <sup>b</sup> (95% CI)
0 <sup>a</sup>	0.0	281,904	233	1.0
>0 – 0.1	0.025	90,376	128	0.99 (<1 to 1.2)
0.1 – 0.2	0.14	8603	35	2.4 (1.6 to 3.4)
0.2 – 0.3	0.24	3074	17	3.4 (1.9 to 5.6)
0.3 – 0.5	0.38	2600	12	2.5 (1.2 to 4.5)
0.5 – 1.0	0.70	2306	25	6.7 (4.2 to 11)
1.0 – 2.0	1.40	1048	18	14.0 (7.8 to 24)
2.0 – 4.0	2.77	711	10	11.8 (5.5 to 23)
4.0+	5.66	270	8	60.0 (25 to 130)
Total		390,892	486	

<sup>a</sup>Referent group.

<sup>b</sup>Shown for males at age 60.