

**Web table B**

Summary radiation risks (ERR and EAR) for sub-categories of circulatory disease

<b>Disease category (ICD 9<sup>TH</sup>)</b>	<b>Number of deaths</b>	<b>Statistical Test (p-value)</b>	<b>%ERR/Gy (95%CI)</b>	<b>EAR/10<sup>4</sup> PY-Gy (95%CI)<sup>1</sup></b>
<b>Circulatory disease (390-459)</b>	19,054 (100%)	<0.001	11 (5 to 17)	5.5 (2.7 to 8.4)
<b>Stroke (430-438)</b>	9,622 (50.5)	0.02	9 (1 to 17)	2.3 (0.4 to 4.4)
Cerebral infarction (433,434)	2,659 (14.0)	>0.5	4 (-10 to 20)	0.3 (-0.7 to 1.4)
Cerebral hemorrhage (431)	4,060 (21.3)	0.36	5 (-6 to 17)	0.6 (-0.6 to 1.9)
Subarachnoid hemorrhage (430)	461 (2.4)	0.09	30 (-4 to 76)	0.4 (-0.1 to 1.0)
Other or unspecified	2,442 (12.8)	0.04	16 (1 to 34)	1.1 (0.1 to 2.2)
<b>Heart disease (390-398, 402, 404, 410-429)</b>	8,463 (44.4)	<0.001	14 (6 to 23)	3.2 (1.3 to 5.2)
Ischemic Heart Disease (410-414)	3,252 (17.1)	>0.5	2 (-10 to 15)	0.2 (-0.9 to 1.3)
(Myocardial Infarction) (410)	(1,735 (9.1))	(>0.5)	(0 (-15 to 18))	(0.0 (-0.6 to 0.9))
Hypertensive heart disease (402, 404)	922 (4.8)	0.009	37 (8 to 72)	0.9 (0.2 to 1.6)
Rheumatic heart disease (393-398)	242 (1.3)	0.002	86 (25 to 172)	0.5 (0.2 to 1.0)
Heart failure (428)	2,983 (15.7)	0.003	22 (7 to 39)	1.8 (0.6 to 3.1)
Other heart disease	1,064 (5.6)	>0.5	-1 (-21 to 24)	0.0 (-0.6 to 0.7)
<b>Hypertensive disease without heart disease (401, 403, 405)</b>	411 (2.2)	>0.5	7 (-22 to 55)	0.1 (-0.2 to 0.5)
<b>Other circulatory disease</b>	558 (2.9)	>0.5	-1 (-- to 34)	0.0 (-- to 0.5)

<sup>1</sup> The average EARs are calculated directly from the fitted ERR models.