

TABLE S5 Numbers of incident cancers among test participants and controls, and RRs of incident cancer in test participants compared with controls. For leukaemia the whole follow-up period and the period 2-25 years after start of the first test participation are considered. For other neoplasms the period more than 10 years after start of first test participation is considered

Type of cancer	Test participants at a major operation (15,634 men)		Test participants in groups identified by MoD as liable to exposure to radiation ^a (759 men) (Group A)		Test participants employed by AWE or directly involved in the minor trials at Maralinga ^b (1,041 men) (Group B)		Test participants in Groups A and B, plus other men with a recorded dose greater than zero (2,649 men)		Other test participants (5,164 men)		All test participants (21,357 men)	
	Observed cases	RR (90% CI)	Observed cases	RR (90% CI)	Observed cases	RR (90% CI)	Observed cases	RR (90% CI)	Observed cases	RR (90% CI)	Observed cases	RR (90% CI)
Leukaemia:												
Whole follow-up period	51	1.32 (0.93, 1.86)	2	0.98 (0.19, 3.78)	7	1.21 (0.42, 3.57)	10	1.00 (0.48, 2.07)	15	1.59 (0.92, 2.71)	67	1.33 (0.97, 1.84)
2-25 years	18	2.89 (1.38, 6.15)	2	10.37 (1.84, 44.86)	2	7.55 (0.25, 2.81)	4	3.83 (0.93, 13.59)	10	4.50 (1.91, 10.64)	29	3.17 (1.63, 6.31)
Leukaemia excl. CLL:												
Whole follow-up period	37	1.36 (0.90, 2.07)	1	0.57 (0.03, 3.58)	4	0.88 (0.23, 3.37)	6	0.80 (0.30, 2.01)	11	1.79 (0.93, 3.39)	49	1.41 (0.96, 2.09)
2-25 years	13	3.00 (1.19, 7.86)	1	5.66 (0.33, 38.91)	1	4.97 (0.04, 342.2)	2	2.79 (0.29, 16.12)	9	7.89 (2.85, 22.43)	23	3.97 (1.73, 9.61)
Multiple Myeloma: 10+ years	24	0.99 (0.62, 1.59)	2	1.10 (0.19, 4.77)	3	1.17 (0.23, 6.15)	7	1.32 (0.54, 3.14)	9	1.19 (0.58, 2.38)	34	1.07 (0.70, 1.64)
Multiple Myeloma (wider definition) ^c : 10+ years	25	1.04 (0.65, 1.65)	2	1.10 (0.19, 4.77)	3	1.17 (0.23, 6.15)	7	1.32 (0.54, 3.14)	9	1.19 (0.58, 2.38)	35	1.11 (0.72, 1.69)
All neoplasms except Leukaemia and Multiple Myeloma: 10+ yrs	1928	0.98 (0.93, 1.03)	100	0.83 (0.69, 1.00)	171	1.21 (1.01, 1.46)	381	1.01 (0.91, 1.11)	537	0.95 (0.88, 1.03)	2545	0.98 (0.94, 1.03)

Notes

- (a) Members of the Buffalo Indoctrinee Force, RAF aircrews involved in sampling the radioactive clouds of the explosions; the RAF active handling flights, who decontaminated aircraft used in cloud sampling; members of the crew of HMS Diana, who sailed through the fallout plume in Operation Mosaic; and the Target Response Group at Operation Buffalo ⁷.
- (b) Those in whom undocumented inhalation or ingestion of radionuclides, if any, is most likely to have occurred.
- (c) ICD 9th revision codes 203.0, 203.1, 238.6 and 273.1.