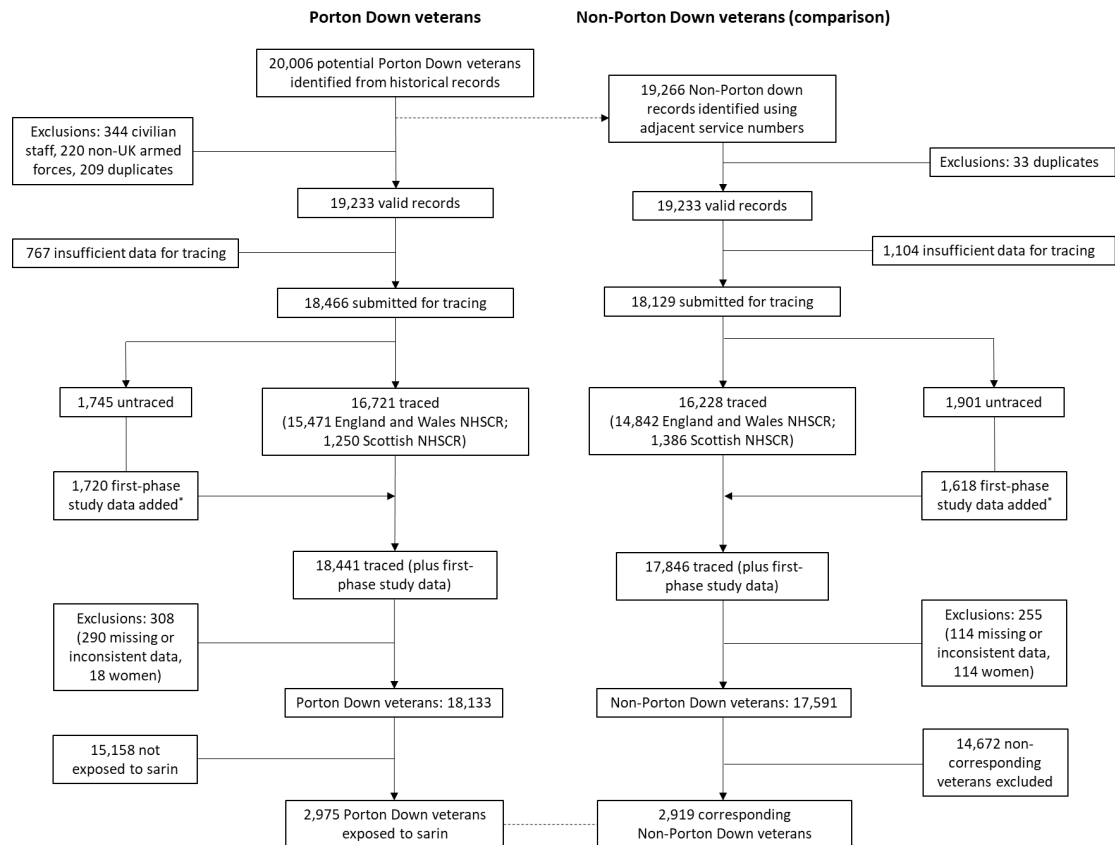


Supplementary tables and figures

OEM Archer et al Sarin Exposure, mortality and cancer incidence in UK military veterans involved in human experiments at Porton Down: 52-year follow-up.

Supplementary figure 1. Participant flow



Supplementary table 1. Fully adjusted hazard ratios for the association between veterans exposed to sarin-only (including and excluding co-exposure to rubber mixes and sulfur mustard sensitivity tests) and all-cause mortality, and cancer incidence

	HR (95% CI) all-cause mortality		HR (95% CI) for cancer incidence	
	Sarin-only (including rubber mix and sulfur mustard sensitivity) ^a	Sarin-only (excluding all other chemicals) ^b	Sarin-only (including rubber mix and sulfur mustard sensitivity) ^c	Sarin-only (excluding all other chemicals) ^d
Sarin exposure				
(yes/no)	1.08 (1.00, 1.18)	1.10 (0.99,1.22)	1.05 (0.94,1.17)	1.11 (0.97,1.27)
Number of sarin tests				
1	1.07 (0.98, 1.17)	1.07 (0.96,1.20)	1.04 (0.93,1.16)	1.11 (0.96,1.28)
2 or more	1.26 (1.00, 1.59)	1.30 (1.01,1.66)	1.04 (0.76,1.43)	1.11 (0.78,1.57)
Exposure quantity				
Unknown	1.13 (1.01, 1.27)	1.18 (1.02,1.37)	1.06 (0.91,1.24)	1.06 (0.87,1.30)
Low (Air <15.0 mg min/m ³)	1.03 (0.92, 1.15)	1.01 (0.87,1.16)	1.01 (0.88,1.16)	1.15 (0.96,1.38)
High (Air ≥15.0 mg min/m ³)	1.15 (0.94, 1.41)	1.17 (0.88,1.57)	1.07 (0.83,1.38)	1.13 (0.79,1.61)
State^e				
Vapour	1.08 (0.98,1.18)	1.08 (0.96,1.21)	1.05 (0.93,1.18)	1.14 (0.99,1.32)
Liquid	1.11 (0.96,1.29)	1.21 (0.97,1.52)	1.01 (0.83,1.23)	0.96 (0.70,1.31)
Physical protection				
No	1.11 (1.01, 1.23)	1.10 (0.97,1.26)	1.12 (0.99,1.26)	1.19 (1.01,1.40)
Yes	1.03 (0.91, 1.17)	1.09 (0.93,1.27)	0.89 (0.75,1.06)	0.98 (0.80,1.21)
Chemical protection				
No	1.08 (0.99, 1.19)	1.10 (0.98,1.24)	1.04 (0.92,1.17)	1.09 (0.94,1.26)
Yes	1.10 (0.93, 1.29)	1.08 (0.87,1.32)	1.05 (0.85,1.29)	1.19 (0.92,1.55)

Models adjusted for age, calendar period, branch of service, previous duration of service, and place of birth

a: Estimates based on 1,430 veterans exposed to sarin-only (allowing for co-exposure to rubber mixes and mustard sensitivity tests)

b: Estimates based on 756 veterans exposed to sarin-only (excluding all other chemicals)

c: Estimates based on 1,385 veterans exposed to sarin-only (allowing for co-exposure to rubber mixes and mustard sensitivity tests)

d: Estimates based on 734 veterans exposed to sarin-only (excluding all other chemicals)

e: Excludes 47 veterans with missing state data