Supplemental Online Content

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eTable 1. Compare included and excluded sample, starting from 2% random sample of Vietnam-era veterans who received VA care from FY2002-FY2015 (total N=511,189).

eTable 2. Flow chart showing derivation of the analytic cohort after applying study inclusion and exclusion criteria.

This supplemental material has been provided by the authors to give readers additional information about their work.

eTable 1.

Compare included and excluded sample, starting from 2% random sample of Vietnam-era veterans who received VA care from FY2002-FY2015 (total N=511,189).

	Excluded (N=194,838)	Included (N=316,351)	*P* value
Demographic			
Age, y, mean (SD)	62.62 (7.26)	62.47 (6.65)	<.001
Female, n (%)	5,068 (2.60)	6,462 (2.04)	<.001
Race			<.001
Non-Hispanic White	150,473 (77.23)	240,108 (75.90)	
Non-Hispanic Black	27,472 (14.10)	43,153 (13.64)	
Hispanic	2,450 (1.26)	2,842 (0.90)	
American Indian	862 (0.44)	1,491 (0.47)	
Asian	967 (0.50)	1,465 (0.46)	
Native Hawaiian	156 (0.08)	2,86 (0.09)	
Decline/unknown	12,458 (6.39)	27,006 (8.54)	
>25% college-educated in zip code [a]	88,748 (45.55)	142,867 (45.16)	<.001
Low tertile (<$24,632) income in zip code [a]	50,892 (26.12)	81,130 (25.65)	
Medical			
Diabetes Mellitus	16,229 (8.33)	29,569 (9.35)	<.001
Hypertension	32,245 (16.55)	61,574 (19.46)	<.001
Myocardial Infarction	3,500 (1.8)	6,967 (2.20)	<.001
Cerebrovascular Disease	6,312 (3.24)	10,373 (3.28)	.442
TBI	6,501 (3.34)	6,833 (2.16)	<.001
Parkinson's disease	717 (0.37)	792 (0.25)	<.001
Psychiatric			
Depression	17,899 (9.19)	28,711 (9.08)	.181
PTSD	9,696 (4.98)	12,778 (4.04)	<.001
Substance abuse	8,941 (4.59)	17,649 (5.58)	<.001
Tobacco use	16,265 (8.35)	32,700 (10.34)	<.001
Sleep disorder	4,987 (2.56)	8,181 (2.59)	.562

Values are N (%) unless otherwise specified. The *P* values are based on unpaired *t* test for age and χ^2 test for other variables
[a] Education has 60,289 (4.02%) missing values and income has 60,040 (4.00%) missing values.

eTable 2.

Flow chart showing derivation of the analytic cohort after applying study inclusion and exclusion criteria.

N = 511,189	(2% random sample of Vietnam-era veterans who received VA care from FY2002-FY2015)
Exclusion: N = 9,996	Exclude if dementia diagnosis date before random selection date
N = 501,193	
Exclusion: N = 8,480	Exclude if no follow-up visit
N = 492,713	
Exclusion: N =174,897	Exclude if only met one of the Agent Orange definitions*
N = 316,819	
Exclusion: N =997	Exclude if age >45 or <110
N = 316,819	
Exclusion: N =468	Exclude unclassified Traumatic Brain Injury
N = 316,351 (final study sample)	

*AO definition criteria: Two variables were used to define presumptive Agent Orange exposure: 1) patient self-report of Vietnam service with exposure to Agent Orange (inpatient files, all study years) and 2) provider indicator that healthcare encounter was related to Agent Orange exposure (outpatient files, 2002-present; inpatient files: 2005-present).