

Supplementary Online Content

Dempsey CL, Benedek DM, Zuromski KL, et al. Association of firearm ownership, use, accessibility, and storage practices with suicide risk among US Army soldiers. *JAMA Netw Open*. 2019;2(6):e195383. doi:10.1001/jamanetworkopen.2019.5383

eTable. Comparison of Cases and Controls on Sociodemographic and Army History Variables

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

eTable. Comparison of Cases and Controls on Sociodemographic and Army History Variables

Demographic Variables	Next of Kin						Supervisor					
	Cases (n = 61)		Controls (Propensity) (n = 128)		Controls (12-month ideation) (n = 108)		Cases (n = 107)		Controls (Propensity) (n = 80)		Controls (12-month ideation) (n = 73)	
	%	%	OR (CI)	%	OR (CI)	%	%	OR (CI)	%	OR (CI)		
Gender												
Female	8.2	7.8	1.0 (0.4-3.0)	9.0	0.9 (0.1-7.8)	12.2	9.8	1.3 (0.6-2.9)	0.3	1.0 (0.1-8.8)		
Male	91.8	92.2	-	91.0	-	87.9	90.3	-	87.7	-		
Marital Status												
Never Married	34.6	28.9	1.4 (0.8-2.7)	30.2	1.3 (0.3-5.0)	34.8	32.2	1.2 (0.7-2.1)	32.2	1.1 (0.2-5.4)		
Previously Married	10.2	4.3	2.8 (1.0-8.4)	7.3	1.6 (0.2-16.6)	9.2	5.1	2.0 (0.7-5.6)	10.6	0.9 (0.1-9.9)		
Currently Married	55.3	66.8	-	62.5	-	56.1	62.7	-	57.2	-		
Race/ethnicity												
White	71.1	63.3	-	69.1	-	65.1	60.2	-	64.3	-		
Black	19.3	16.3	1.1 (0.5-2.2)	13.1	1.4 (0.2-8.7)	17.7	21.3	0.8 (0.4-1.5)	12.6	1.4 (0.2-12.6)		
Hispanic	5.2	16.5	0.3* (0.1-0.9)	9.5	0.5 (0.1-5.1)	8.9	14.4	0.6 (0.2-1.3)	13.8	0.6 (0.1-5.5)		
Asian /Other	4.4	3.9	1.0 (0.2-4.1)	8.4	0.5 (0.0-5.6)	8.4	4.2	1.9 (0.6-5.5)	9.3	0.9 (0.1-11.2)		
Rank												
E1-E4 vs. E5-E9	48.8	61.0	0.5* (0.3, 1.0)	54.7	0.6 (0.2, 2.4)	51.2	48.9	1.0 (0.6, 1.7)	54.3	0.8 (0.2, 3.7)		
Officer vs. E5-E9	13.3	7.4	1.3 (0.5, 3.5)	10.9	1.0 (0.1, 8.0)	7.2	10.6	0.7 (0.3, 1.7)	12.3	0.5 (0.0, 5.4)		
Education												
H.S.- Alternate Education- GED	19.3	10.9	2.3* (1.0-5.1)	10.9	2.2 (0.3-15.0)	20.1	17.1	1.1 (0.6-2.2)	8.7	2.2 (0.2-28.5)		
High School diploma	56.3	73.0	-	69.0	-	65.9	63.9	-	63.8	-		
Some college	4.4	4.6	1.2 (0.3-5.0)	1.5	3.5 (0.0-393.8)	4.3	4.4	1.0 (0.3-3.3)	3.4	1.2 (0.0-65.0)		
College or higher	20.0	11.6	2.2* (1.0-4.9)	18.6	1.3 (0.3-6.5)	9.7	14.6	0.6 (0.3-1.4)	24.1	0.4 (0.1-2.3)		
Age At Entry to Army Service												
17-20	53.3	59.7	-	55.7	-	60.2	56.1	-	52.3	-		
21-24	25.5	23.6	1.2 (0.6-2.4)	30.2	0.9 (0.2-3.6)	29.2	26.3	1.0 (0.6-1.9)	31.0	0.8 (0.2-4.2)		
25+	21.3	16.7	1.4 (0.7-3.0)	14.2	1.6 (0.3-9.3)	10.6	17.6	0.6 (0.3-1.2)	16.7	0.5 (0.1-4.3)		
Current age												
18-24	23.5	34.6	0.5 (0.3-1.2)	35.0	0.6 (0.1-2.5)	34.3	27.9	1.0 (0.5-1.8)	36.8	0.8 (0.1-4.4)		
25-29	38.2	30.8	-	31.6	-	36.8	28.4	-	29.7	-		
30-34	17.7	14.9	1.0 (0.4-2.2)	12.3	1.2 (0.2-8.9)	16.4	19.8	0.6 (0.3-1.3)	11.0	1.2 (0.1-15.0)		
35+	20.7	19.7	0.8 (0.4-1.9)	21.0	0.8 (0.1-4.5)	12.5	23.9	0.4* (0.2-0.9)	22.5	0.4 (0.1-3.4)		
Deployment Status												
Never Deployed	18.9	21.8	0.8 (0.4,1.7)	22.7	0.8 (0.2,3.5)	28.7	16.6	2.0* (1.1,3.7)	21.9	1.4 (0.3,8.1)		
Previously Deployed	81.1	78.2	-	77.3	-	71.3	83.4	-	78.1	-		
Years of Active Duty												
1-4	24.6	42.4	-	35.5	-	32.6	32.7	-	36.3	-		
5-8	41.5	26.3	2.7* (1.3, 5.6)	31.0	1.9 (0.4, 8.8)	39.6	32.0	1.2 (0.7,2.3)	29.9	1.5 (0.3,8.7)		
9+	34.0	31.3	1.9 (0.9, 3.9)	33.6	1.5 (0.3, 6.6)	27.8	35.2	0.8 (0.4,1.5)	33.8	0.9 (0.2,5.1)		

*p<0.05 (cases vs controls)

Table abbreviated due to space constraints. Results for excluded variables available upon request.