

TABLE 4 (cont). Adjusted Odds Ratios (95% CI) for Tobacco Use by Product in the Active Duty U.S. Military, HRBS vs. PHA, 2018

	Two or More Tobacco Products	
	HRBS	PHA
Sex		
Male	Ref	Ref
Female	0.48 (0.39, 0.58)	0.38 (0.36,0.39)
Age		
17–24	Ref	Ref
25–34	0.62 (0.51, 0.76)	0.56 (0.54,0.57)
35–44	0.36 (0.29, 0.45)	0.39 (0.37,0.40)
45+	0.20 (0.14, 0.30)	0.21 (0.19,0.24)
Service		
Army	Ref	Ref
Navy	1.13 (0.89, 1.45)	0.66 (0.64,0.68)
Marine Corps	1.07 (0.83, 1.38)	1.02 (0.99,1.05)
Air Force	0.80 (0.65, 0.99)	0.57 (0.55,0.58)
Coast Guard	0.93 (0.71, 1.22)	0.45 (0.42,0.49)
Rank		
Enlisted	Ref	Ref
Officer	0.64 (0.50, 0.83)	0.47 (0.44,0.51)
STI risk		
No	Ref	Ref
Yes	1.65 (1.13, 2.42)	1.76 (1.70,1.83)
Sleep		
5 hours or less	1.50 (1.24, 1.83)	1.50 (1.46,1.54)
5 to less than 7 hours	Ref	Ref
7–9 hours	0.80 (0.65, 0.99)	0.68 (0.66,0.69)
9 hours or more	0.88 (0.51, 1.52)	0.73 (0.65,0.82)
Alcohol use^a		
No response / none	Ref	Ref
1–2	1.53 (1.20, 1.94)	1.36 (1.33,1.40)
3–4	2.67 (2.08, 3.44)	2.23 (2.16,2.29)
5–6	4.16 (3.02, 5.74)	3.05 (2.90,3.21)
7–9	4.09 (2.31, 7.26)	3.54 (3.17,3.94)
10+	8.51 (5.17,14.02)	4.14 (3.56,4.82)
BMI group		
Under weight	1.01 (0.41, 2.49)	1.02 (0.91,1.14)
Normal weight	Ref	Ref
Over weight	0.98 (0.81, 1.18)	0.91 (0.89,0.93)
Obese	0.95 (0.72, 1.24)	1.02 (0.98,1.05)
Education		
High school or less	Ref	Ref
Some college	0.75 (0.59, 0.95)	0.62 (0.60,0.64)
Bachelors degree or more	0.55 (0.44, 0.70)	0.41 (0.39,0.44)
Race and ethnicity		
Non-Hispanic White	Ref	Ref
Non-Hispanic Black	0.68 (0.52, 0.89)	0.57 (0.56,0.59)
Hispanic	0.73 (0.58, 0.92)	0.59 (0.57,0.61)
Non-Hispanic Other	0.84 (0.63, 1.11)	0.83 (0.80,0.86)

Abbreviations: CI, confidence interval; HRBS, Health Risk Behavior Survey; PHA, Periodic Health Assessment; STI, sexually-transmitted infection; BMI, body mass index.

^aPHA MHA question 5b does not allow for assessment of missing data; thus, no response to this question is assumed as 0 drinks on a typical day when drinking.

Note: These analyses used weighted (HRBS) and unweighted (PHA) logistic regression