

Appendix Table 1. Socio-demographic and Army career correlates of the 30-day DSM-IV internalizing disorders assessed in the Q2-4 2011 Army STARRS All-Army Survey (AAS) (n = 5,428)

	Major depressive disorder (MDD)		Bipolar disorder (BPD)		Generalized anxiety disorder (GAD)		Panic disorder (PD)		Post-traumatic stress disorder (PTSD)	
	OR	(95% CI)	OR	(95% CI)	OR	(95% CI)	OR	(95% CI)	OR	(95% CI)
Gender										
Male	1.0	--	1.0	--	1.0	--	1.0	--	1.0	--
Female	2.0*	(1.4-3.0)	1.1	(0.5-2.2)	2.9*	(1.6-5.3)	2.0*	(1.1-3.7)	2.1	(1.0-4.6)
	χ^2_1	12.3*	0.0		11.7*		4.7*		3.8	
Race/Ethnicity										
Non-Hispanic Whites	1.0	--	1.0	--	1.0	--	1.0	--	1.0	--
Non-Hispanic Black	1.2	(0.6-2.5)	0.8	(0.5-1.4)	0.6*	(0.4-0.9)	0.5*	(0.3-0.8)	0.9	(0.5-1.4)
Hispanic	0.9	(0.5-1.6)	1.0	(0.4-2.2)	0.8	(0.5-1.3)	0.8	(0.4-1.4)	0.7	(0.4-1.2)
Other	1.2	(0.5-2.9)	1.6	(0.8-3.3)	0.8	(0.3-2.2)	0.8	(0.4-1.6)	0.7	(0.4-1.4)
	χ^2_3	0.5	2.6		5.2		7.8		3.2	
Marital status										
Married	1.0	--	1.0	--	1.0	--	1.0	--	1.0	--
Previously married	1.2	(0.5-3.2)	0.6	(0.3-1.2)	0.9	(0.4-2.1)	0.8	(0.4-1.5)	0.9	(0.4-1.8)
Never married	0.7	(0.4-1.3)	0.8	(0.5-1.1)	0.7	(0.4-1.2)	0.7	(0.4-1.3)	0.7	(0.4-1.3)
	χ^2_3	2.9	3.0		2.1		1.8		1.2	
Age-at-enlistment										
17-18	0.9	(0.5-1.6)	0.8	(0.5-1.3)	0.9	(0.5-1.5)	1.2	(0.8-1.6)	0.9	(0.6-1.3)
19-20	0.6	(0.4-1.0)	1.0	(0.6-1.8)	0.8	(0.4-1.4)	0.7	(0.4-1.3)	0.7	(0.4-1.1)
21-23	0.4*	(0.2-0.9)	1.0	(0.6-1.7)	0.6	(0.3-1.2)	0.6*	(0.3-0.9)	0.5*	(0.2-0.9)
24+	1.0	--	1.0	--	1.0	--	1.0	--	1.0	--
	χ^2_3	11.8*	1.4		2.4		30.0*		6.4	
Rank										
Lower-ranking enlisted (E1-E4)	2.6*	(1.2-5.7)	11.5*	(4.1-32.8)	6.9*	(2.3-21.0)	2.3*	(1.5-3.7)	5.3*	(2.1-13.2)
Higher-ranking enlisted (E5-E9)	0.9	(0.4-2.1)	7.6*	(2.3-25.5)	3.3*	(1.1-10.1)	3.0*	(1.7-5.2)	3.0*	(1.1-7.9)
Officer (W1-5/O1-9)	1.0	--	1.0	--	1.0	--	1.0	--	1.0	--
	χ^2_3	6.8*	21.5*		21.1*		18.7*		34.3*	
	χ^2_1	4.7*	1.3		12.6*		0.9		17.4*	
Number of deployments										
0	1.0	--	1.0	--	1.0	--	1.0	--	1.0	--
1	1.1	(0.8-1.5)	1.0	(0.5-2.3)	1.7*	(1.1-2.5)	1.2	(0.8-1.8)	1.9	(1.0-3.9)
2	1.9	(1.0-3.6)	1.3	(0.5-3.3)	2.5*	(1.6-4.0)	1.9	(1.0-3.6)	3.5*	(1.9-6.2)
3+	2.7*	(1.2-5.9)	2.2*	(1.0-4.6)	4.2*	(2.4-7.3)	2.1	(1.0-4.5)	6.5*	(3.0-14.2)
	χ^2_3	7.5	7.5		28.1*		6.3		30.9*	
Command										
Forces Command (FORSCOM)	1.0	--	1.0	--	1.0	--	1.0	--	1.0	--
Area Service Component Commands ¹	0.9	(0.5-1.6)	0.5	(0.1-1.9)	0.9	(0.3-2.8)	0.8	(0.3-2.2)	0.7	(0.1-3.5)

Special operations command (USASOC)	0.3	(0.1-1.3)	0.7	(0.3-1.6)	0.2	(0.0-1.3)	0.4	(0.2-1.3)	0.4	(0.1-1.6)
Medical Command (MEDCOM)	0.7	(0.4-1.2)	1.5	(0.9-2.7)	1.3	(0.7-2.2)	1.2	(0.3-3.9)	1.0	(0.7-1.4)
Training & Doctrine Command (TRADOC)	0.8	(0.6-1.0)	1.7	(0.8-3.7)	1.7	(0.9-2.9)	1.1	(0.6-2.0)	2.0*	(1.5-2.6)
All other Commands ²	0.7	(0.2-2.7)	1.7	(0.7-3.9)	1.7	(0.8-4.0)	1.6*	(1.3-2.1)	1.5	(0.5-4.8)
χ^2_5		6.2		6.9		8.0		20.4*		29.8*

*Significant at the .05 level, two-sided test.

¹The complete set of Area Commands includes Africa (USARAF), Central (USARCENT), North (USARNORTH), South (USARSO), Europe (USAREUR), and Pacific (USARPAC).

²Including Materials Command (AMC), all other Service Component Commands (ASCC), and all other Direct Reporting Units (DRU). See <http://www.army.mil/info/organization/> for a complete list.

Appendix Table 2. Socio-demographic and Army career correlates of the 30-day DSM-IV externalizing disorders assessed in the Q2-4 2011 Army STARRS All-Army Survey (AAS) (n = 5,428)

	Attention-deficit/ hyperactivity disorder (ADHD)		Intermittent explosive disorder (IED)		Substance use disorder (SUD)	
	OR	(95% CI)	OR	95% CI	OR	(95% CI)
Gender						
Male	1.0	--	1.0	--	1.0	--
Female	1.7*	(1.1-2.4)	0.8	(0.5-1.3)	0.5	(0.2-1.1)
χ^2_1	6.6*		0.7		3.3	
Race/ethnicity						
Non-Hispanic White	1.0	--	1.0	--	1.0	--
Non-Hispanic Black	0.8	(0.5-1.1)	0.7*	(0.5-1.0)	1.3	(0.8-2.2)
Hispanic	0.9	(0.7-1.3)	0.7	(0.5-1.0)	1.3	(0.5-2.9)
Other	0.5*	(0.3-0.8)	0.8	(0.6-1.2)	2.2*	(1.2-3.9)
χ^2_3	12.6*		11.1*		12.2*	
Marital status						
Married	1.0	--	1.0	--	1.0	--
Previously Married	1.0	(0.4-2.1)	0.5*	(0.3-0.8)	1.3	(0.4-4.5)
Never Married	0.6*	(0.4-0.9)	0.7*	(0.6-1.0)	0.9	(0.7-1.3)
χ^2_2	5.4		8.3*		0.4	
Age-at-enlistment						
17-18	1.2	(0.8-1.9)	1.7*	(1.2-2.3)	1.0	(0.4-2.2)
19-20	1.1	(0.8-1.5)	1.5	(1.0-2.2)	1.6	(0.8-3.3)
21-23	1.0	(0.7-1.6)	1.2	(0.7-2.0)	1.5	(0.7-3.2)
24+	1.0	--	1.0	--	1.0	--
χ^2_3	1.3		18.1*		7.3	
Rank						
Lower-ranking enlisted (E1-E4)	1.9*	(1.2-3.0)	3.6*	(2.1-6.2)	4.2*	(2.2-8.2)
Higher-ranking enlisted (E5-E9)	1.9*	(1.3-2.9)	3.0*	(1.9-4.9)	2.9*	(1.3-6.4)
Officer (W1-5/O1-9)	1.0	--	1.0	--	1.0	--
χ^2_2	13.0*		22.2*		19.4*	
χ^2_1	0.0		1.5		2.3	
Number of deployments						
0	1.0	--	1.0	--	1.0	--
1	1.3	(1.0-1.8)	1.3	(1.0-1.7)	1.3	(0.8-2.2)
2	1.6*	(1.1-2.3)	1.6*	(1.2-2.2)	1.5	(0.8-2.7)
3+	1.7*	(1.2-2.3)	2.0*	(1.5-2.7)	0.9	(0.5-1.6)
χ^2_3	11.0*		22.6*		3.9	
Command						
Forces Command (FORSCOM)	1.0	--	1.0	--	1.0	--
Area Service Component Commands ¹	1.2	(0.8-1.8)	1.1	(0.6-1.9)	0.4	(0.1-1.6)
Special Operations Command (USASOC)	0.8	(0.5-1.1)	0.5*	(0.3-0.8)	0.7	(0.3-1.7)
Medical Command (MEDCOM)	1.1	(0.8-1.4)	0.7	(0.3-1.5)	1.1	(0.3-3.5)
Training and Doctrine Command (TRADOC)	1.8*	(1.4-2.4)	1.3	(1.0-1.8)	1.7	(0.7-3.7)
All other Commands ²	1.9*	(1.1-3.4)	0.6	(0.4-1.1)	0.6	(0.2-1.8)
χ^2_5	33.5*		19.1*		5.1	

*Significant at the .05 level, two-sided test.

¹The complete set of Area Commands includes Africa (USARAF), Central (USARCENT), North (USARNORTH), South (USARSO), Europe (USAREUR), and Pacific (USARPAC).

²Including Materials Command (AMC), all other Service Component Commands (ASCC), and all other Direct Reporting Units (DRU). See <http://www.army.mil/info/organization/> for a complete list.