

# Deployment Health Assessments

**U.S. Armed Forces**

**November 2011**

(Data through October 2011)

Armed Forces Health Surveillance Center

# Update: Deployment Health Assessments, U.S. Armed Forces, October 2011

Since January 2003, peaks and troughs in the numbers of pre- and post-deployment health assessment forms transmitted to the Armed Forces Health Surveillance Center generally corresponded to times of departure and return of large numbers of deployers. Between April 2006 and August 2011, the number of post-deployment reassessment (PDHRA) forms per month ranged from 15,309 to 36,845 (Table 1, Figure 1).

During the past 12 months, the proportions of returned deployers who rated their health as “fair” or “poor” were 8-11% on post-deployment health assessment questionnaires and 10-13% on PDHRA questionnaires (Figure 2).

In general, on post-deployment assessments and reassessments, deployers in the Army and in reserve components were more likely than their respective counterparts to report health and exposure-related concerns (Table 2, Figure 3). With the exception of Navy reserve component members, both active and reserve component members were more likely to report exposure concerns three to six months after, compared to the time of return from deployment (Figure 3).

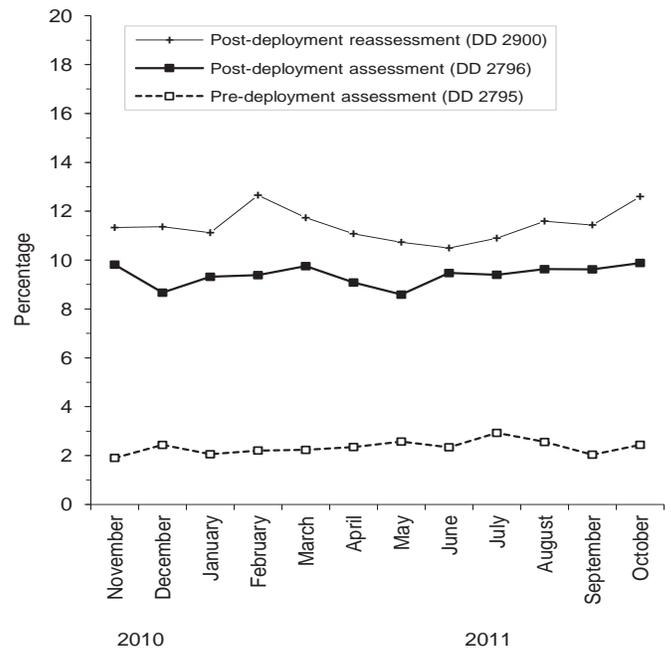
At the time of return from deployment, soldiers serving in the active component were the most likely of all deployers to receive mental health referrals; however, three to six months after returning, Army reservists were more likely than active component soldiers to receive mental health referrals (Table 2).

Finally, during the past three years, reserve component members have been more likely than active component service members to report “exposure concerns” on postdeployment assessments and reassessments (Figure 3).

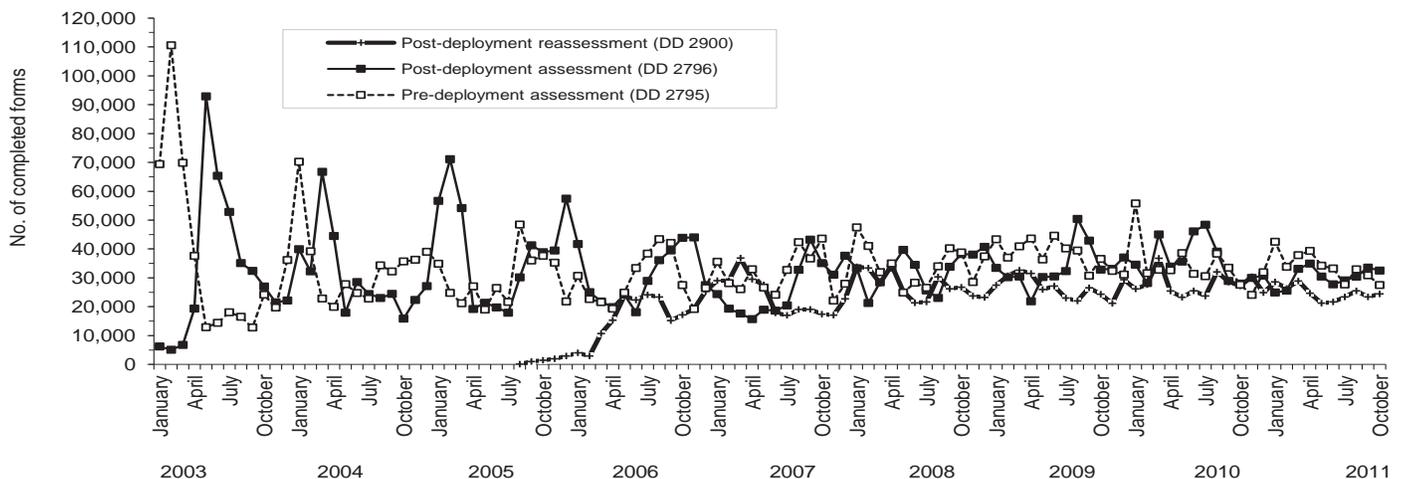
**Table 1.** Deployment-related health assessment forms, by month, U.S. Armed Forces, November 2010-October 2011

	Pre-deployment assessment DD2795		Post-deployment assessment DD2796		Post-deployment reassessment DD2900	
	No.	%	No.	%	No.	%
<b>Total</b>	<b>396,026</b>	<b>100</b>	<b>363,024</b>	<b>100</b>	<b>303,296</b>	<b>100</b>
<b>2010</b>						
November	24,098	6.1	29,973	8.3	30,395	10.0
December	31,933	8.1	30,769	8.5	24,884	8.2
<b>2011</b>						
January	42,499	10.7	24,918	6.9	28,577	9.4
February	33,814	8.5	25,581	7.0	26,310	8.7
March	37,854	9.6	33,106	9.1	28,892	9.5
April	39,335	9.9	34,928	9.6	24,656	8.1
May	34,212	8.6	30,443	8.4	21,236	7.0
June	33,245	8.4	27,743	7.6	21,663	7.1
July	27,700	7.0	29,108	8.0	23,380	7.7
August	32,952	8.3	30,406	8.4	25,483	8.4
September	30,878	7.8	33,540	9.2	23,393	7.7
October	27,506	6.9	32,509	9.0	24,427	8.1

**Figure 2.** Proportion of deployment health assessment forms with self-assessed health status as “fair” or “poor”, U.S. Armed Forces, November 2010-October 2011



**Figure 1.** Total deployment health assessment and reassessment forms, by month, U.S. Armed Forces, January 2003-October 2011



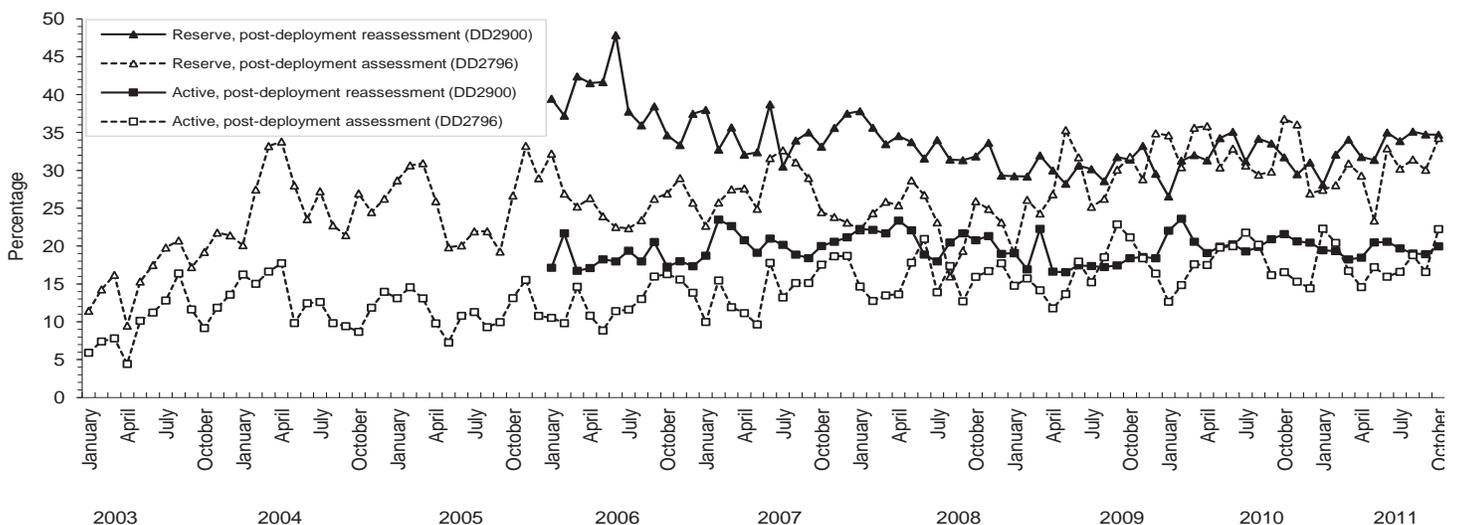
**Table 2.** Percentage of service members who endorsed selected questions/received referrals on health assessment forms, U.S. Armed Forces, November 2010–October 2011

	Army			Navy			Air Force			Marine Corps			All service members		
	Pre-deploy DD2795 n= %	Post-deploy DD2796 n= %	Reassessmt DD2900 n= %	Pre-deploy DD2795 n= %	Post-deploy DD2796 n= %	Reassessmt DD2900 n= %	Pre-deploy DD2795 n= %	Post-deploy DD2796 n= %	Reassessmt DD2900 n= %	Pre-deploy DD2795 n= %	Post-deploy DD2796 n= %	Reassessmt DD2900 n= %	Pre-deploy DD2795 n= %	Post-deploy DD2796 n= %	Reassessmt DD2900 n= %
<b>Active component</b>	143,934	24,236	126,753	15,708	19,096	16,703	62,802	55,022	48,950	36,070	38,189	33,452	258,514	236,543	225,858
General health "fair" or "poor"	4.0	11.0	13.3	1.2	4.4	6.3	0.6	3.3	4.0	1.4	8.2	10.7	2.6	8.2	10.4
Health concerns, not wound or injury	14.0	25.4	23.5	3.2	11.1	15.2	2.5	6.5	11.2	2.5	14.0	22.3	8.9	18.0	20.1
Health worse now than before deployed	na	23.8	24.1	na	10.5	13.7	na	8.6	8.8	na	18.7	22.4	na	18.4	19.8
Exposure concerns	na	18.6	18.3	na	17.3	24.0	na	13.8	14.4	na	19.2	30.0	na	17.4	19.6
PTSD symptoms (2 or more)	na	12.2	11.9	na	5.1	8.6	na	2.6	2.9	na	9.0	13.4	na	8.8	10.0
Depression symptoms (any)	na	30.6	30.4	na	20.6	26.6	na	12.6	13.8	na	27.3	34.1	na	25.1	27.1
Referral indicated by provider (any)	5.7	38.1	27.7	3.2	18.9	17.2	2.0	16.9	8.6	2.1	24.9	26.3	4.1	29.5	22.6
Mental health referral indicated <sup>a</sup>	1.7	9.9	13.7	0.4	2.4	6.4	0.5	2.0	2.9	0.2	2.8	7.0	1.2	6.3	9.8
Medical visit following referral <sup>b</sup>	99.2	99.4	97.2	92.8	84.1	92.0	92.8	98.6	99.4	59.1	82.2	91.4	94.0	95.7	96.1
<b>Reserve component</b>	58,899	58,861	50,574	3,849	4,829	6,135	14,971	12,297	14,681	3,030	3,012	2,804	80,749	78,999	74,194
General health "fair" or "poor"	0.9	12.0	16.8	0.3	8.1	9.2	0.3	5.3	5.9	0.9	12.7	12.8	0.8	10.7	13.9
Health concerns, not wound or injury	13.8	37.3	43.0	1.8	26.7	34.6	0.8	9.0	17.8	3.0	36.9	42.8	10.4	32.3	37.3
Health worse now than before deployed	na	27.0	32.1	na	21.5	22.5	na	14.0	12.9	na	30.4	32.1	na	24.8	27.5
Exposure concerns	na	32.4	34.2	na	42.0	40.5	na	16.3	22.2	na	30.7	36.6	na	30.4	32.4
PTSD symptoms (2 or more)	na	11.2	19.9	na	7.4	13.7	na	3.4	3.9	na	11.3	22.8	na	9.8	16.3
Depression symptoms (any)	na	29.2	33.2	na	26.7	28.4	na	14.5	15.7	na	37.3	33.3	na	27.1	29.3
Referral indicated by provider (any)	3.1	42.7	50.9	1.9	36.9	30.6	0.7	21.2	12.8	2.8	36.9	40.8	2.6	38.7	41.3
Mental health referral indicated <sup>a</sup>	0.4	6.6	22.3	0.0	3.5	12.3	0.1	1.6	3.1	0.1	5.3	18.2	0.3	5.6	17.5
Medical visit following referral <sup>b</sup>	87.4	99.0	42.1	96.1	96.8	41.8	57.4	71.9	49.1	72.5	75.6	41.7	85.5	95.8	42.5

<sup>a</sup>Includes behavioral health, combat stress and substance abuse referrals.

<sup>b</sup>Record of inpatient or outpatient visit within 6 months after referral.

**Figure 3.** Proportion of service members who endorsed exposure concerns on post-deployment health assessments, U.S. Armed Forces, January 2003–October 2011



Data Source: Defense Medical Surveillance System