

Report on VA Facility Specific Operation Enduring Freedom (OEF), Operation Iraqi Freedom (OIF), and Operation New Dawn (OND) Veterans Coded with Potential PTSD

*Cumulative from 1st Qtr FY 2002 through 4th
Qtr FY 2011 (October 1, 2001 – September 30,
2011)*

Released November 2011

**Epidemiology Program
Post-Deployment Health Group
Office of Public Health
Veterans Health Administration
Department of Veterans Affairs**
<http://www.publichealth.va.gov/epidemiology>



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Introduction

This quarterly report presents numbers on Operation Enduring Freedom (OEF), Operation Iraqi Freedom (OIF), and Operation New Dawn (OND) Veterans who utilized various Department of Veterans Affairs (VA) medical facilities. This report shows the number and distribution of Veterans with potential (or provisional diagnosis of) Post-traumatic stress disorder (PTSD) by VA Medical Center (VAMC), Veterans Integrated Service Network (VISN), and Vet Center.

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Check <http://www.publichealth.va.gov/epidemiology> for updates.

Background

This report is provided in response to a Government Accountability Office (GAO) request that VA enumerate the total number of OEF, OIF, and OND Veterans who were diagnosed with PTSD, by VISN and specific VAMC using VA inpatient and outpatient records. It was also requested that this information be aggregated with Vet Center utilization data. The Veterans Health Administration (VHA) prepared an initial report in October 2004 for health care utilization during FY 2004 (October 1, 2003-September 30, 2004). This current report covers VA health care data for FY 2002 through 4th Qtr FY 2011 (October 1, 2001 – September 30, 2011).

Data Sources

OEF/OIF/OND Veteran Roster

Since October 2003, the Department of Defense (DoD) Defense Manpower Data Center (DMDC) has sent the VA, Office of Public Health, Post Deployment Health Strategic Healthcare Group, Epidemiology Program (EP), a periodically updated personnel roster of troops who participated in OEF/OIF/OND and who had separated from active duty and became eligible for VA benefits. The roster was originally prepared based on the pay records of individuals but more recently has been based on a combination of pay records and operational records provided by each branch of service. Based on the latest DMDC file received on October 4, 2011, there are a total of 1,396,477 unique OEF/OIF/OND Veterans (including 5,584 Veterans who died in-theater) who, as of August 2011, have separated from active duty following a deployment. For each Veteran, his/her demographic (social security number, name, date of birth, gender, education, etc.) and military service specific data (branch, rank, unit component, deployment dates, etc.) were included in the record. Beginning in 3rd Qtr FY 2009 (April 1, 2009- June 30, 2009), Veterans who died in-theater are included in both the DMDC total roster and health care utilization frequencies because this is a cumulative report going back to 2002, and, due to the duration of the OEF/OIF/OND conflict and repeated deployments, a certain number of these Veterans may have accessed VA health care services for the evaluation and/or treatment of PTSD.

VHA Health Care Utilization Records

The roster was checked against VA's inpatient (PTF) and outpatient (OPC) electronic patient records available through September 30, 2011 to identify those who had sought treatment in VA facilities and to identify the International Classification of Diseases, 9th Revision, Clinical Modification (ICD-9-CM) diagnostic codes used to describe the visits. These are administrative data and are not based on a review of each patient record. For the purpose of this report, a search was conducted of individual health care utilization records during FY 2002 -4th Qtr FY 2011 following first deployments in Iraq or Afghanistan. For identification of a potential PTSD patient, we used ICD-9CM, 309.81.

The Vet Center counts were based on the data provided to EP on November 2, 2011 by the Readjustment Counseling Service (RCS). The RCS staff matched the same DMDC roster with Vet Center users' records through 4th Qtr FY 2011.

Distribution of Veterans by Diagnostic Code and Facility

- A Veteran is counted only once in any facility specific category. For example, a Veteran who received health care from two or more medical centers within the same VISN was counted once for that VISN. Likewise, a Veteran who used services across two or more VISN facilities and a Vet Center was counted only once for the national overall total.
- **The number for “Primary” indicates the total number of unique Veterans whose primary reason for the inpatient or outpatient visit was for treatment or evaluation of PTSD.**
- **The number for “Any” indicates the total number of unique Veterans coded with PTSD, whether or not the primary reasons for the inpatient or outpatient visit was for treatment or evaluation of PTSD.**
- **Both “Primary” and “Any” categories may include a preliminary diagnosis.**

Summary

A query of VHA health care utilization databases using the August 2011 DMDC roster yielded a total of 207,161 OEF/OIF/OND Veterans coded with PTSD at a VAMC and 45,898 Veterans who received Vet Center service for PTSD. Of these, 177,711 were seen only at a VAMC; 16,448 only at a Vet Center; and 29,450 were seen at both facilities. In summary, based on the electronic patient records available through September 30, 2011, a grand total of 223,609 OEF/OIF Veterans were seen for potential PTSD at VHA facilities following their return from Iraq or Afghanistan.

OEF/OIF/OND Veterans with Potential PTSD Using VA Facilities

Table 1: Number and Distribution of Unique OEF/OIF/OND Veterans with Potential PTSD Utilizing VA Facilities during FY 2002 -4th Qtr FY 2011

VISN-Facility	Inpatients		Outpatients		Total Patients ¹		Vet Centers ²			Grand Total ³
	Primary ⁴	Any ⁵	Primary ⁴	Any ⁵	Primary ⁴	Any ⁵	PTSD	Outreach	Others	
1-BEDFORD	70	201	837	940	843	961	170	105	233	1,060
1-BOSTON	160	486	2,166	2,520	2,179	2,606	765	235	2,395	2,932
1-MANCHESTER	.	.	772	870	772	870	288	83	1,132	1,007
1-NORTHAMPTON	198	244	663	724	708	773	221	1,884	572	856
1-PROVIDENCE	44	133	953	1,071	955	1,086	352	93	2,192	1,224
1-TOGUS	49	113	1,070	1,207	1,072	1,217	783	365	1,156	1,582
1-WEST HAVEN	55	155	2,114	2,270	2,114	2,281	574	326	2,107	2,461
1-WHITE RIVER JCT	58	116	901	1,015	906	1,031	1,077	360	671	1,793
VISN 1	564	1,226	8,576	9,483	8,585	9,563	4,230	3,451	10,458	11,482
2-UPSTATE N.Y. HCS	257	501	4,748	5,236	4,757	5,259	942	6,241	3,100	5,623
VISN 2	257	501	4,748	5,236	4,757	5,259	942	6,241	3,100	5,623
3-BRONX	51	100	872	978	877	994	162	82	137	1,055
3-EAST ORANGE	123	235	2,327	2,524	2,331	2,539	796	23,043	963	2,910
3-MONTROSE VA HUDSON HCS NY	63	100	849	910	851	917	164	75	384	997
3-N.Y. HARBOR HCS	58	216	2,089	2,352	2,095	2,379	482	1,060	916	2,590
3-NORTHPORT	59	155	929	1,070	932	1,081	124	39	229	1,115
VISN 3	338	758	6,587	7,243	6,600	7,288	1,728	24,299	2,629	7,989
4-BUTLER	.	.	441	493	441	493	.	.	.	493
4-CLARKSBURG	39	106	748	846	750	865	144	1,183	270	920
4-COATESVILLE	81	170	944	989	956	1,018	.	.	.	1,018
4-ERIE	.	14	590	655	590	657	181	13	214	726
4-JAMES E VAN ZANDT VAMC	1	19	809	920	809	920	88	208	5	958
4-LEBANON	61	139	1,319	1,426	1,324	1,442	351	944	79	1,596
4-PHILADELPHIA	73	205	2,511	2,696	2,512	2,702	299	640	140	2,806
4-PITTSBURGH-UNIV DR	96	251	809	960	838	1,067	791	969	514	1,668
4-WILKES BARRE	28	119	1,065	1,213	1,068	1,227	402	1,189	545	1,437

¹ The “total patient” counts were generated by matching a cumulative roster of 1,396,477 unique OEF/OIF/OND Veterans who had been separated from active duty as of August 2011, with VA PTF and OPC databases for FY 2002 through 4th Qtr FY 2011. The DoD DMDC identified and provided the identity of these Veterans to the VA EP on October 4, 2011.

² The number for “Primary” indicates the total number of unique Veterans whose primary reason for the inpatient or outpatient visit was for treatment or evaluation of PTSD.

³ The number for “Any” indicates the total number of unique Veterans with PTSD whether or not the primary reasons for the inpatient or outpatient visit was for treatment or evaluation of PTSD.

⁴ The Vet Center counts were based on matching the DMDC OEF/OIF/OND roster with Vet Center users’ records through 4th Qtr FY 2011.

⁵ The number for “Grand Total” (n= 223,609) indicates the sum of “Any Total Patients” (n=207,161) and “Vet Center PTSD” (n=45,898) after excluding duplicates (n=29,450).

OEF/OIF/OND Veterans Coded with Potential PTSD

Cumulative from 1st Qtr FY 2002 – 4th Qtr FY 2011, Released November 2011

VISN-Facility	Inpatients		Outpatients		Total Patients ¹		Vet Centers ²			Grand Total ³
	Primary ⁴	Any ⁵	Primary ⁴	Any ⁵	Primary ⁴	Any ⁵	PTSD	Outreach	Others	
4-WILMINGTON	2	10	685	745	685	745	410	992	81	932
VISN 4	363	957	8,846	9,710	8,858	9,796	2,666	6,138	1,848	11,020
5-BALTIMORE	82	181	1,592	1,872	1,600	1,895	358	2,312	311	2,034
5-MARTINSBURG	64	150	1,425	1,495	1,425	1,497	176	168	37	1,543
5-WASHINGTON	60	164	2,448	2,778	2,453	2,805	826	1,549	632	3,175
VISN 5	199	465	5,175	5,802	5,183	5,834	1,360	4,029	980	6,363
6-ASHEVILLE-OTTEEN	85	145	629	709	634	724	.	.	.	724
6-BECKLEY	.	16	606	629	606	629	207	24	97	695
6-DURHAM	141	237	1,909	2,105	1,913	2,135	593	7,058	103	2,384
6-FAYETTEVILLE NC	132	262	2,940	3,378	2,955	3,401	363	23,357	62	3,511
6-HAMPTON	65	121	1,776	1,985	1,778	1,993	287	4,089	409	2,137
6-RICHMOND	76	232	1,869	2,102	1,878	2,187	346	1,583	199	2,382
6-SALEM	123	201	891	999	927	1,060	65	11	3	1,073
6-SALISBURY	224	323	2,870	3,503	2,873	3,518	523	3,141	281	3,763
VISN 6	792	1,404	12,185	13,614	12,209	13,724	2,428	39,270	1,161	14,681
7-ATLANTA	115	257	3,390	3,775	3,392	3,790	578	2,805	201	4,066
7-AUGUSTA	156	338	1,674	1,820	1,680	1,875	.	.	.	1,875
7-BIRMINGHAM	3	130	2,100	2,336	2,100	2,358	316	2,833	110	2,486
7-CHARLESTON	48	161	2,367	2,766	2,371	2,790	591	8,691	461	3,016
7-COLUMBIA SC	47	156	2,848	3,104	2,852	3,110	588	4,139	57	3,374
7-DUBLIN	.	38	1,064	1,188	1,064	1,191	50	.	19	1,216
7-MONTGOMERY	131	263	2,433	2,742	2,450	2,770	91	6	4	2,798
7-TUSCALOOSA	105	158	1,381	1,427	1,387	1,439	.	.	.	1,439
VISN 7	576	1,369	15,868	17,499	15,875	17,568	2,214	18,474	852	18,392
8-BAY PINES	95	221	1,860	2,007	1,863	2,020	327	1,556	96	2,109
8-MIAMI	68	183	1,930	2,115	1,933	2,127	653	1,763	1,301	2,481
8-N FL/S GA HCS	88	292	2,877	3,279	2,885	3,309	755	4,473	377	3,635
8-ORLANDO FL VAMC	.	.	2,611	2,879	2,611	2,879	478	2,072	266	3,054
8-SAN JUAN PR	75	291	1,310	1,605	1,311	1,620	416	4,053	1,155	1,794
8-TAMPA	136	538	2,275	2,848	2,294	3,039	161	388	85	3,101
8-W PALM BEACH	71	175	985	1,095	988	1,113	219	32	85	1,187
VISN 8	511	1,612	12,363	13,893	12,374	14,072	3,009	14,337	3,365	15,251
9-HUNTINGTON	.	32	861	938	861	940	280	1,373	145	1,089
9-LEXINGTON-LEESTOWN	79	265	1,492	1,609	1,496	1,646	136	544	45	1,699
9-LOUISVILLE	59	200	1,222	1,393	1,230	1,427	94	1,088	37	1,461
9-MEMPHIS	101	183	1,375	1,606	1,382	1,622	552	1,882	123	1,969
9-MOUNTAIN HOME	97	221	1,687	1,833	1,688	1,836	483	684	162	2,021
9-VA MID TENN HCS NASH TN	284	604	3,416	3,812	3,430	3,881	721	735	140	4,197
VISN 9	603	1,439	9,613	10,656	9,634	10,761	2,266	6,306	652	11,780
10-CHILLICOTHE	69	193	779	867	790	905	.	.	.	905
10-CINCINNATI	79	172	1,486	1,611	1,489	1,630	110	2,314	625	1,661
10-CLEVELAND-WADE PARK	64	231	2,290	2,517	2,291	2,543	209	1,494	1,506	2,599

OEF/OIF/OND Veterans Coded with Potential PTSD
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VISN-Facility	Inpatients		Outpatients		Total Patients ¹		Vet Centers ²			Grand Total ³
	Primary ⁴	Any ⁵	Primary ⁴	Any ⁵	Primary ⁴	Any ⁵	PTSD	Outreach	Others	
10-COLUMBUS-IOC	.	.	1,115	1,269	1,115	1,269	311	81	260	1,422
10-DAYTON	91	197	1,122	1,271	1,132	1,301	93	32	26	1,340
VISN 10	296	758	6,336	6,998	6,348	7,057	723	3,921	2,417	7,303
11-ANN ARBOR HCS	67	167	1,512	1,697	1,521	1,724	126	222	23	1,766
11-BATTLE CREEK	172	261	1,761	1,927	1,770	1,947	335	936	62	2,088
11-DETROIT VAMC	41	125	1,026	1,264	1,037	1,287	315	925	68	1,428
11-ILLIANA HCS DANVILLE IL	37	125	1,238	1,455	1,238	1,462	175	1,358	1,453	1,524
11-INDIANAPOLIS-10TH ST	84	182	1,649	1,890	1,656	1,911	84	1,681	320	1,946
11-NORTHERN INDIANA HCS	33	107	1,023	1,155	1,027	1,162	161	1,032	252	1,236
11-SAGINAW	.	14	1,186	1,339	1,186	1,340	105	1	44	1,369
VISN 11	403	884	8,466	9,534	8,473	9,576	1,301	6,155	2,222	10,028
12-HINES	76	249	1,845	1,950	1,848	1,986	238	140	143	2,093
12-IRON MOUNTAIN	1	11	424	502	424	502	59	100	130	521
12-MADISON	54	170	959	1,096	966	1,136	131	31,388	435	1,206
12-MILWAUKEE	79	245	1,949	2,158	1,954	2,176	194	255	445	2,258
12-NORTH CHICAGO	58	132	941	1,168	959	1,197	167	849	140	1,306
12-TOMAH	49	120	969	1,079	971	1,088	41	8	5	1,111
12-VA CHICAGO HCS	74	147	1,204	1,377	1,208	1,391	270	324	585	1,531
VISN 12	358	966	7,514	8,406	7,533	8,483	1,107	33,064	1,891	8,909
15-VA HEARTLAND-E VH MO	191	442	3,406	3,772	3,411	3,803	547	2,847	724	4,043
15-VAMC HEARTLAND-W KANSAS MO	505	850	4,661	5,152	4,766	5,294	505	7,573	1,173	5,496
VISN 15	682	1,262	7,938	8,770	8,034	8,925	1,052	10,420	1,897	9,352
16-ALEXANDRIA	52	183	1,170	1,336	1,179	1,366	20	1	4	1,377
16-FAYETTEVILLE AR	84	217	1,528	1,647	1,531	1,675	182	153	84	1,753
16-GULF COAST HCS	76	172	2,157	2,373	2,164	2,396	857	3,386	87	2,859
16-HOUSTON	319	494	3,503	3,734	3,520	3,770	343	809	113	3,906
16-JACKSON	46	114	888	1,055	891	1,070	167	507	234	1,131
16-LITTLE ROCK	295	472	2,785	2,999	2,804	3,035	407	781	532	3,171
16-MUSKOGEE	59	158	1,402	1,515	1,407	1,533	288	1	58	1,673
16-OKLAHOMA CITY	98	264	2,168	2,435	2,175	2,480	368	520	123	2,626
16-SHREVEPORT	86	168	1,394	1,504	1,399	1,519	395	4,820	40	1,735
16-SOUTHEAST LA HCS	3	5	1,661	1,849	1,661	1,849	541	2,306	299	2,171
VISN 16	1,055	2,070	17,536	19,155	17,574	19,292	3,568	13,284	1,574	20,852
17-DALLAS	189	424	4,675	5,027	4,679	5,048	733	1,315	232	5,416
17-SAN ANTONIO	137	353	4,459	5,012	4,464	5,025	1,209	3,885	613	5,517
17-VA CENTRAL TEXAS HCS	263	414	5,637	6,209	5,648	6,228	1,181	26,499	1,331	6,748
VISN 17	581	1,161	14,473	15,906	14,488	15,952	3,198	31,726	2,195	17,296
18-AMARILLO HCS	4	41	865	928	865	931	270	129	142	1,036
18-EL PASO HCS	.	.	1,355	1,480	1,355	1,480	82	1,133	442	1,513
18-NEW MEXICO HCS	97	200	2,061	2,223	2,063	2,235	651	644	261	2,461
18-NORTHERN ARIZONA HCS	2	8	619	674	619	674	204	82	64	761
18-PHOENIX	173	376	3,727	4,085	3,738	4,121	498	2,605	209	4,281

OEF/OIF/OND Veterans Coded with Potential PTSD
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VISN-Facility	Inpatients		Outpatients		Total Patients ¹		Vet Centers ²			Grand Total ³
	Primary ⁴	Any ⁵	Primary ⁴	Any ⁵	Primary ⁴	Any ⁵	PTSD	Outreach	Others	
18-SOUTHERN ARIZONA HCS	212	346	1,791	2,017	1,806	2,057	313	4,040	1,124	2,195
18-WEST TEXAS HCS	1	11	686	756	686	756	153	97	222	814
VISN 18	464	924	10,486	11,445	10,495	11,500	2,171	8,730	2,464	12,226
19-CHEYENNE	1	12	832	911	832	911	317	643	361	1,063
19-DENVER	292	448	4,290	4,908	4,306	4,948	780	6,622	1,659	5,196
19-FORT HARRISON	16	73	1,481	1,629	1,482	1,631	496	1,393	329	1,827
19-GRAND JUNCTION	20	33	402	421	402	423	58	5	14	449
19-SALT LAKE CITY HTHCARE	115	275	2,243	2,545	2,246	2,560	488	2,552	802	2,779
19-SHERIDAN	126	189	675	763	682	771	.	.	.	771
VISN 19	528	945	9,306	10,480	9,321	10,524	2,139	11,215	3,165	11,304
20-ALASKA HCS & RO	.	.	739	834	739	834	477	2,387	1,735	1,092
20-BOISE	45	88	655	811	662	824	326	690	1,103	1,024
20-PORTLAND	118	314	3,037	3,489	3,039	3,520	666	1,287	693	3,739
20-PUGET SOUND HCS	450	609	4,729	5,255	4,797	5,336	1,206	8,604	1,962	5,905
20-S.ORG REHAB WHITE CITY	.	.	509	545	509	545	93	47	141	578
20-SPOKANE	35	93	901	1,019	903	1,028	343	1,980	2,586	1,189
20-VA ROSEBURG HCS	208	223	895	976	957	1,035	240	3,932	96	1,102
20-WALLA WALLA	7	7	697	787	697	787	.	.	.	787
VISN 20	798	1,226	11,331	12,718	11,376	12,790	3,351	18,927	8,316	14,161
21-CENTRAL CALIFORNIA HCS	58	134	1,007	1,143	1,008	1,157	241	1,749	207	1,239
21-HONOLULU	26	47	1,308	1,443	1,310	1,450	281	1,232	2,677	1,569
21-MANILA	.	.	179	196	179	196	.	.	.	196
21-NCHC MARTINEZ	29	100	2,566	3,169	2,567	3,178	802	1,980	818	3,477
21-PALO ALTO-PALO ALTO	122	404	2,510	2,777	2,531	2,885	394	4,137	1,230	2,980
21-SAN FRANCISCO	33	122	1,179	1,269	1,183	1,307	246	382	465	1,375
21-SIERRA NEVADA HCS	24	92	736	792	737	802	135	1,312	59	849
VISN 21	281	857	8,876	10,013	8,894	10,139	2,099	10,792	5,456	10,785
22-GREATER LA HCS	107	295	3,635	4,236	3,638	4,271	602	2,749	1,742	1,742
22-LOMA LINDA	134	366	2,731	3,168	2,737	3,203	504	7,519	593	593
22-VA LONG BEACH HCS CA	71	174	2,810	3,086	2,814	3,100	464	196	1,005	1,005
22-VA SAN DIEGO HCS CA	95	352	4,049	4,583	4,055	4,621	704	5,296	3,486	3,486
22-VA SOUTHERN NEVADA HCS	47	119	1,226	1,387	1,234	1,407	249	31	715	715
VISN 22	434	1,227	13,662	15,404	13,681	15,501	2,523	15,791	7,541	7,541
23-FARGO	39	85	977	1,158	978	1,160	234	1,606	375	1,243
23-FORT MEADE	15	41	509	568	509	571	97	647	151	612
23-MINNEAPOLIS	51	259	1,693	2,021	1,696	2,079	462	1,453	508	2,333
23-SIOUX FALLS	11	65	605	721	605	726	329	945	1,528	904
23-ST CLOUD	56	149	1,197	1,268	1,199	1,281	.	.	.	1,281
23-VA NEB-WESTERN IA HCS	157	431	3,991	4,354	3,993	4,382	701	2,818	1,194	4,598
VISN 23 ⁶	319	992	8,362	9,372	8,365	9,437	1,823	7,469	3,756	10,155

⁶ In 2002, VA merged VISNs 13 and 14 to form VISN 23.
 OEF/OIF/OND Veterans Coded with Potential PTSD
 Cumulative from 1st Qtr FY 2002 – 4th Qtr FY 2011, Released November 2011

VISN-Facility	Inpatients		Outpatients		Total Patients ¹		Vet Centers ²			Grand Total ³
	Primary ⁴	Any ⁵	Primary ⁴	Any ⁵	Primary ⁴	Any ⁵	PTSD	Outreach	Others	
Unique Counts	9,940	21,590	187,106	206,233	187,264	207,161	45,898	294,039	67,939	223,609