

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

*Cumulative from 1st Qtr FY 2002 through 1st Qtr
FY 2014 (October 1, 2001 – December 31, 2013)*

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**Epidemiology Program
Post-Deployment Health Group
Office of Public Health
Veterans Health Administration
Department of Veterans Affairs**
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Introduction

This quarterly report on Veterans who have used VA health care and who served in Operation Enduring Freedom (OEF), Operation Iraqi Freedom (OIF), or Operation New Dawn (OND), shows the number and distribution of these Veterans diagnosed with a potential or provisional diagnosis of Post-Traumatic Stress Disorder (PTSD). This report includes only those Veterans diagnosed at a VA Medical Center (VAMC), Veterans Integrated Service Network (VISN), or Vet Center. This report is created by linking the DoD roster of returning Veterans to VA's electronic inpatient and outpatient health records and Vet Center records.

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Background

This report is provided in response to a Government Accountability Office (GAO) request in 2004 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. GAO 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 1st Qtr FY 2014 (October 1, 2001 – December 31, 2013).

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 Group, Epidemiology Program (EP), a periodically updated personnel roster of troops who participated in OEF/OIF/OND and who separated from active duty and became eligible for VA benefits. In September 2004 and April 2013, DMDC revised procedures for creating periodic updates of the roster. DMDC now utilizes additional service branch information from service branches of Veterans who served in OEF/OIF/OND troops to update the roster. Based on the latest DMDC file received on January 10, 2014, there are a total of 1,759,433 unique OEF/OIF/OND Veterans (including 5,838 Veterans who died in-theater) who, as of November 2013, separated from active duty following a deployment. For each Veteran, their 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 data 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 December 31, 2013 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 patient records. For the purpose of this report, a search was conducted of individual health care utilization records during FY 2002 – 1st Qtr FY 2014 following first deployments in Iraq or Afghanistan. For identification of a potential or provisional PTSD patient, we used ICD-9-CM, 309.81.

The Vet Center counts were based on the data provided to EP on March 6, 2014 by the Readjustment Counseling Service (RCS). The RCS staff matched the DMDC roster with Vet Center users' records through 1st Qtr FY 2014. The Epidemiology Program does not make any modifications to the data provided by RCS.

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 potential or provisional diagnosis.

Summary

A query of VHA health care utilization databases using the November 2013 DMDC roster yielded a total of 311,688 OEF/OIF/OND Veterans coded with PTSD at a VAMC and 80,951 Veterans who received Vet Center service for PTSD. Of these, 257,343 were seen only at a VAMC; 26,606 only at a Vet Center; and 54,345 were seen at both facilities. In summary, based on the electronic patient records available through December 31, 2013, a grand total of 338,294 OEF/OIF/OND Veterans were seen for potential or provisional PTSD at VHA facilities following their return from Iraq or Afghanistan.

OEF/OIF/OND Veterans with a Diagnosis of Potential or Provisional PTSD Using VA Facilities

Table 1: Number and Distribution of Unique OEF/OIF/OND Veterans with Potential or Provisional PTSD Utilizing VA Facilities during FY 2002-1st Qtr FY 2014^{OF1}

VISN-Facility	Inpatients-Primary ²	Inpatients-Any ³	Outpatients-Primary ⁵	Outpatients-Any ⁶	Total Patients-Primary ⁵	Total Patients-Any ⁶	Vet Centers-PTSD	Vet Centers-Outreach	Vet Centers-Others	Grand Total ⁴
1-BEDFORD	116	359	1,401	1,594	1,414	1,627	231	131	355	1,739
1-BOSTON	281	847	3,193	3,735	3,217	3,861	1,426	211	4,006	4,593
1-MANCHESTER	.	.	1,314	1,488	1,314	1,488	636	57	1,374	1,820
1-NORTHAMPTON	364	448	1,501	1,693	1,578	1,774	438	1,646	962	1,958
1-PROVIDENCE	90	228	1,502	1,670	1,506	1,690	639	133	2,445	1,981
1-TOGUS	84	197	1,639	1,826	1,644	1,841	1,193	982	1,131	2,370
1-WEST HAVEN	91	269	3,224	3,426	3,225	3,452	956	317	2,371	3,751
1-WHITE RIVER JCT	79	211	1,281	1,476	1,286	1,503	1,200	303	816	2,254
VISN 1	972	2,123	13,140	14,513	13,156	14,622	6,719	3,780	13,460	17,329
2-UPSTATE N.Y. HCS	426	845	7,055	7,783	7,074	7,828	2,091	7,027	8,369	8,815
VISN 2	426	845	7,055	7,783	7,074	7,828	2,091	7,027	8,369	8,815
3-BRONX	78	187	1,345	1,510	1,350	1,535	251	199	185	1,622
3-EAST ORANGE	200	390	3,358	3,706	3,366	3,737	1,836	22,559	1,629	4,878
3-MONTROSE VA HUDSON HCS NY	105	169	1,317	1,407	1,320	1,413	289	99	632	1,546
3-N.Y. HARBOR HCS	91	337	2,983	3,392	2,990	3,436	814	1,294	1,308	3,788
3-NORTHPORT	101	239	1,409	1,596	1,411	1,608	244	36	296	1,665
VISN 3	541	1,213	9,532	10,526	9,549	10,593	3,434	24,187	4,050	12,244
4-BUTLER	.	.	678	773	678	773	.	.	.	773
4-CLARKSBURG	61	171	1,149	1,274	1,152	1,296	278	1,207	409	1,399
4-COATESVILLE	131	296	1,494	1,572	1,513	1,617	.	.	.	1,617
4-ERIE	.	21	794	870	794	872	245	43	337	964
4-JAMES E VAN ZANDT VAMC	¹	36	1,195	1,369	1,195	1,370	173	227	11	1,451
4-LEBANON	83	234	1,875	2,029	1,880	2,048	491	1,136	102	2,263
4-PHILADELPHIA	123	345	3,536	3,930	3,538	3,948	498	653	202	4,138

¹ To protect the privacy of Veterans, frequencies of fewer than 10 individuals are not reported.

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 number for "Grand Total" (n= 338,294) indicates the sum of "Any Total Patients" (n=311,688) and "Vet Center PTSD" (n=80,951) after excluding duplicates (n=54,345).

VISN-Facility	Inpatients-Primary ²	Inpatients-Any ³	Outpatients-Primary ⁵	Outpatients-Any ⁶	Total Patients-Primary ⁵	Total Patients-Any ⁶	Vet Centers-PTSD	Vet Centers-Outreach	Vet Centers-Others	Grand Total ⁴
4-PITTSBURGH-UNIV DR	162	447	1,322	1,577	1,368	1,747	988	1,119	651	2,477
4-WILKES BARRE	38	173	1,481	1,691	1,484	1,704	612	1,207	594	2,043
4-WILMINGTON	1	23	1,070	1,171	1,070	1,171	569	1,026	148	1,426
VISN 4	571	1,607	12,843	14,205	12,858	14,324	3,854	6,618	2,454	16,041
5-BALTIMORE	125	290	2,355	2,721	2,365	2,752	720	2,428	419	3,064
5-MARTINSBURG	79	232	2,167	2,276	2,168	2,281	236	177	89	2,349
5-WASHINGTON	88	288	3,780	4,359	3,791	4,407	1,326	2,042	756	5,019
VISN 5	280	752	7,847	8,810	7,861	8,861	2,282	4,647	1,264	9,788
6-ASHEVILLE-OTTEEN	127	260	1,069	1,227	1,079	1,265	.	.	.	1,265
6-BECKLEY	.	20	844	887	844	887	263	29	100	970
6-DURHAM	186	351	2,811	3,122	2,819	3,175	985	8,174	312	3,657
6-FAYETTEVILLE NC	204	424	5,283	6,058	5,302	6,094	1,341	25,541	600	6,889
6-HAMPTON	102	215	2,968	3,443	2,970	3,463	646	5,228	725	3,803
6-RICHMOND	112	417	3,091	3,543	3,111	3,695	508	1,852	251	3,950
6-SALEM	214	337	1,486	1,687	1,526	1,761	84	12	1	1,775
6-SALISBURY	372	564	4,391	5,244	4,397	5,280	819	3,855	611	5,660
VISN 6	1,227	2,332	19,894	22,479	19,923	22,659	5,062	45,557	2,741	25,137
7-ATLANTA	190	499	5,447	6,066	5,450	6,088	1,002	3,373	296	6,531
7-AUGUSTA	223	482	2,523	2,775	2,537	2,858	.	.	.	2,858
7-BIRMINGHAM	1	243	3,196	3,531	3,196	3,576	495	3,297	198	3,795
7-CHARLESTON	76	312	4,393	5,007	4,397	5,040	1,165	9,936	789	5,585
7-COLUMBIA SC	97	299	4,572	4,992	4,577	5,004	971	4,292	282	5,423
7-DUBLIN	.	57	1,794	1,981	1,794	1,984	105	15	71	2,034
7-MONTGOMERY	200	408	3,783	4,272	3,804	4,313	212	75	11	4,369
7-TUSCALOOSA	204	316	1,774	1,831	1,793	1,864	.	.	.	1,864
VISN 7	953	2,401	25,067	27,639	25,076	27,745	3,950	20,988	1,647	29,224
8-BAY PINES	154	398	2,981	3,239	2,988	3,267	586	1,732	217	3,434
8-MIAMI	118	322	3,005	3,303	3,014	3,335	956	2,360	1,385	3,784
8-N FL/S GA HCS	126	492	4,420	5,045	4,431	5,092	1,113	5,726	655	5,578
8-ORLANDO FL VAMC	.	.	4,555	5,069	4,555	5,069	952	2,822	372	5,388
8-SAN JUAN PR	102	442	1,986	2,334	1,987	2,354	674	4,293	1,520	2,595
8-TAMPA	192	886	3,330	4,125	3,355	4,420	330	700	267	4,563
8-W PALM BEACH	118	306	1,673	1,839	1,676	1,864	335	430	125	1,964
VISN 8	776	2,690	19,652	22,038	19,670	22,330	4,946	18,063	4,541	24,078
9-HUNTINGTON	.	56	1,065	1,170	1,065	1,172	433	1,505	194	1,432
9-LEXINGTON-LEESTOWN	109	398	2,105	2,286	2,110	2,337	212	548	123	2,421
9-LOUISVILLE	71	292	1,819	2,128	1,828	2,177	155	2,514	58	2,250
9-MEMPHIS	156	327	2,102	2,407	2,111	2,439	727	2,026	189	2,843
9-MOUNTAIN HOME	137	328	2,512	2,750	2,514	2,757	683	652	202	3,011
9-VA MID TENN HCS NASH TN	473	1,064	5,833	6,427	5,854	6,546	1,058	1,176	183	6,966
VISN 9	920	2,344	14,673	16,268	14,701	16,437	3,268	8,421	949	17,841
10-CHILLICOTHE	119	361	1,167	1,305	1,181	1,371	.	.	.	1,371
10-CINCINNATI	139	328	2,317	2,528	2,320	2,566	182	3,073	711	2,632

VISN-Facility	Inpatients-Primary ²	Inpatients-Any ³	Outpatients-Primary ⁵	Outpatients-Any ⁶	Total Patients-Primary ⁵	Total Patients-Any ⁶	Vet Centers-PTSD	Vet Centers-Outreach	Vet Centers-Others	Grand Total ⁴
10-CLEVELAND-WADE PARK	89	384	3,421	3,789	3,423	3,829	484	2,199	1,717	3,999
10-COLUMBUS-IOC	.	.	1,754	2,021	1,754	2,021	456	87	300	2,245
10-DAYTON	151	355	1,735	1,972	1,750	2,029	135	36	56	2,081
VISN 10	485	1,338	9,573	10,642	9,586	10,739	1,257	5,395	2,784	11,189
11-ANN ARBOR HCS	106	280	2,402	2,709	2,414	2,757	227	223	31	2,845
11-BATTLE CREEK	280	441	2,696	2,962	2,708	2,998	639	1,354	72	3,297
11-DETROIT VAMC	65	254	1,489	1,907	1,502	1,961	555	1,065	90	2,229
11-ILLIANA HCS DANVILLE IL	71	196	1,795	2,092	1,797	2,105	363	1,528	1,481	2,249
11-INDIANAPOLIS-10TH ST	134	313	2,325	2,704	2,339	2,745	151	2,290	393	2,819
11-NORTHERN INDIANA HCS	54	177	1,595	1,807	1,603	1,829	243	1,058	290	1,932
11-SAGINAW	.	26	1,812	2,033	1,812	2,033	196	56	64	2,097
VISN 11	662	1,501	12,608	14,260	12,622	14,344	2,374	7,574	2,421	15,237
12-HINES	130	437	2,655	2,824	2,663	2,887	464	269	212	3,104
12-IRON MOUNTAIN	¹	17	611	720	611	720	89	153	193	754
12-MADISON	88	301	1,486	1,681	1,497	1,742	895	30,399	1,196	2,507
12-MILWAUKEE	128	400	2,811	3,092	2,816	3,118	430	297	499	3,291
12-NORTH CHICAGO	78	209	1,572	1,854	1,594	1,889	285	900	176	2,086
12-TOMAH	82	202	1,496	1,660	1,500	1,676	131	36	38	1,750
12-VA CHICAGO HCS	127	277	1,910	2,198	1,915	2,223	382	657	637	2,405
VISN 12	582	1,642	11,168	12,416	11,192	12,527	2,755	32,737	2,967	13,933
15-VA HEARTLAND-E VH MO	274	738	4,803	5,384	4,816	5,454	802	3,278	861	5,801
15-VAMC HEARTLAND-W KANSAS MO	828	1,501	7,811	8,784	7,977	9,004	1,041	9,626	1,312	9,451
VISN 15	1,079	2,188	12,384	13,893	12,541	14,151	1,843	12,904	2,173	14,917
16-ALEXANDRIA	105	342	2,032	2,288	2,046	2,347	48	11	¹	2,363
16-FAYETTEVILLE AR	145	353	2,378	2,546	2,387	2,579	388	171	130	2,761
16-GULF COAST HCS	113	252	3,344	3,734	3,352	3,765	1,094	3,874	202	4,316
16-HOUSTON	600	967	5,690	6,168	5,720	6,247	573	799	173	6,460
16-JACKSON	92	226	1,501	1,762	1,508	1,793	279	2,560	236	1,897
16-LITTLE ROCK	438	736	3,694	3,961	3,717	4,018	502	781	599	4,190
16-MUSKOGEE	96	269	2,105	2,271	2,113	2,302	433	17	76	2,511
16-OKLAHOMA CITY	169	463	3,345	3,878	3,363	3,957	616	834	172	4,180
16-SHREVEPORT	160	299	2,066	2,243	2,085	2,279	598	5,721	93	2,619
16-SOUTHEAST LA HCS	¹	¹	2,474	2,774	2,474	2,774	724	3,009	368	3,166
VISN 16	1,782	3,522	26,677	29,375	26,732	29,597	5,255	17,777	2,055	31,758
17-DALLAS	278	728	7,158	7,840	7,167	7,885	1,228	1,475	369	8,403
17-SAN ANTONIO	242	703	6,711	7,597	6,718	7,642	1,954	5,506	772	8,579
17-TX VALLEY COASTAL BEND HCS	.	.	1,919	2,230	1,919	2,230	.	.	.	2,230
17-VA CENTRAL TEXAS HCS	476	781	9,210	10,307	9,230	10,346	2,776	40,517	2,448	11,754
VISN 17	980	2,161	23,178	25,812	23,203	25,924	6,182	47,584	3,644	28,640
18-AMARILLO HCS	¹	62	1,393	1,489	1,393	1,494	377	119	159	1,635
18-EL PASO HCS	.	.	2,301	2,758	2,301	2,758	265	6,935	588	2,876
18-NEW MEXICO HCS	142	338	3,063	3,305	3,065	3,322	989	645	306	3,686
18-NORTHERN ARIZONA HCS	¹	16	999	1,117	999	1,117	272	84	72	1,222

VISN-Facility	Inpatients-Primary ²	Inpatients-Any ³	Outpatients-Primary ⁵	Outpatients-Any ⁶	Total Patients-Primary ⁵	Total Patients-Any ⁶	Vet Centers-PTSD	Vet Centers-Outreach	Vet Centers-Others	Grand Total ⁴
18-PHOENIX	322	645	5,647	6,205	5,660	6,257	1,101	3,006	311	6,611
18-SOUTHERN ARIZONA HCS	328	565	2,576	2,924	2,598	2,989	541	5,555	1,246	3,257
18-WEST TEXAS HCS	1	12	1,155	1,276	1,155	1,276	248	95	245	1,360
VISN 18	762	1,544	16,051	17,773	16,063	17,854	3,793	16,439	2,927	19,129
19-CHEYENNE	1	17	1,359	1,499	1,359	1,501	533	705	402	1,738
19-DENVER	408	667	6,944	8,027	6,964	8,079	1,702	9,538	1,818	8,686
19-FORT HARRISON	85	185	2,186	2,422	2,189	2,428	849	1,742	462	2,762
19-GRAND JUNCTION	28	55	552	587	552	592	117	1	14	640
19-SALT LAKE CITY HTHCARE	176	468	3,355	3,770	3,358	3,799	851	2,797	1,005	4,164
19-SHERIDAN	162	279	974	1,112	984	1,128	.	.	.	1,128
VISN 19	801	1,533	14,359	16,243	14,377	16,311	4,052	14,789	3,701	17,790
20-ALASKA HCS & RO	.	.	1,239	1,427	1,239	1,427	985	3,014	2,844	1,970
20-BOISE	57	123	1,101	1,352	1,108	1,367	568	773	1,151	1,683
20-PORTLAND	212	558	4,669	5,274	4,676	5,325	1,008	1,357	1,006	5,638
20-PUGET SOUND HCS	550	841	7,236	8,101	7,307	8,195	2,111	10,263	2,789	9,258
20-S.ORG REHAB WHITE CITY	.	.	857	902	857	902	146	61	168	952
20-SPOKANE	58	159	1,439	1,647	1,442	1,659	839	928	3,945	2,124
20-VA ROSEBURG HCS	245	271	1,285	1,406	1,350	1,467	486	3,392	578	1,694
20-WALLA WALLA	1	1	1,044	1,185	1,044	1,185	20	14	19	1,188
VISN 20	1,053	1,828	17,339	19,452	17,389	19,543	6,163	19,802	12,500	22,095
21-CENTRAL CALIFORNIA HCS	91	221	1,509	1,720	1,510	1,739	372	1,727	322	1,878
21-HONOLULU	36	82	1,935	2,176	1,938	2,188	572	2,572	3,353	2,442
21-MANILA	.	.	344	381	344	381	.	.	.	381
21-NCHC MARTINEZ	64	214	4,003	4,862	4,009	4,885	1,290	2,372	1,091	5,391
21-PALO ALTO-PALO ALTO	212	659	3,875	4,278	3,904	4,433	848	5,335	1,920	4,745
21-SAN FRANCISCO	46	183	1,741	1,905	1,744	1,959	356	530	583	2,060
21-SIERRA NEVADA HCS	43	149	1,103	1,205	1,105	1,228	223	1,524	160	1,316
VISN 21	478	1,434	13,433	15,178	13,460	15,367	3,661	14,060	7,429	16,602
22-GREATER LA HCS	172	474	5,481	6,358	5,486	6,422	1,300	3,861	2,510	6,956
22-LOMA LINDA	198	626	4,330	5,128	4,337	5,197	1,238	10,060	1,014	5,907
22-VA LONG BEACH HCS CA	127	338	4,284	4,731	4,290	4,764	742	465	1,176	5,184
22-VA SAN DIEGO HCS CA	133	594	6,621	7,626	6,629	7,683	1,394	8,429	4,573	8,248
22-VA SOUTHERN NEVADA HCS	95	239	2,149	2,420	2,160	2,451	428	80	812	2,619
VISN 22	697	2,131	21,358	24,284	21,387	24,448	5,102	22,895	10,085	26,476
23-FARGO	50	129	1,479	1,763	1,480	1,768	448	1,757	386	1,932
23-FORT MEADE	30	72	820	905	820	909	136	830	164	969
23-MINNEAPOLIS	67	388	2,448	2,924	2,452	3,010	724	1,923	617	3,417
23-SIOUX FALLS	24	125	893	1,061	893	1,071	478	1,485	1,551	1,308
23-ST CLOUD	65	221	1,792	1,884	1,794	1,894	.	.	.	1,894
23-VA NEB-WESTERN IA HCS	257	723	6,172	6,758	6,178	6,801	1,122	3,456	1,457	7,128

VISN-Facility	Inpatients-Primary ²	Inpatients-Any ³	Outpatients-Primary ⁵	Outpatients-Any ⁶	Total Patients-Primary ⁵	Total Patients-Any ⁶	Vet Centers-PTSD	Vet Centers-Outreach	Vet Centers-Others	Grand Total ⁴
VISN 23 ⁵	477	1,586	12,515	14,021	12,521	14,116	2,908	9,451	4,175	15,220
Unique Counts	15,735	36,051	280,815	310,230	281,041	311,688	80,951	360,695	96,336	338,294

⁵ In 2002, VA merged VISNs 13 and 14 to form VISN 23.