

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 4th
Qtr FY 2013 (October 1, 2001 – September 30,
2013)*

Released January 2014

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



Table of Contents

Introduction	1
Background	1
Data Sources	2
OEF/OIF/OND Veteran Roster	2
VHA Health Care Utilization Records	2
Distribution of Veterans by Diagnostic Code and Facility	3
Summary	3
Table of OEF/OIF/OND Veterans with Potential or Provisional PTSD Using VA Facilities.....	4

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.

Suggested citation: Epidemiology Program, Post Deployment Health Group, Office of Public Health, Veterans Health Administration, Department of Veterans Affairs. (2013). *Report on VA Facility Specific Operation Enduring Freedom, Operation Iraqi Freedom, and Operation New Dawn Veterans Coded with Potential or Provisional PTSD, from 1st Qtr FY 2002 through 4th Qtr FY 2013*. Washington, DC: Author. Retrieved from (URL)

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

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 4th Qtr FY 2013 (October 1, 2001 – September 30, 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 November 7, 2013, there are a total of 1,724,058 unique OEF/OIF/OND Veterans (including 5,829 Veterans who died in-theater) who, as of August 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 September 30, 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 – 4th Qtr FY 2013 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 November 18, 2013 by the Readjustment Counseling Service (RCS). The RCS staff matched the DMDC roster with Vet Center users' records through 4th Qtr FY 2013. 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 August 2013 DMDC roster yielded a total of 299,561 OEF/OIF/OND Veterans coded with PTSD at a VAMC and 79,479 Veterans who received Vet Center service for PTSD. Of these, 246,745 were seen only at a VAMC; 26,663 only at a Vet Center; and 52,816 were seen at both facilities. In summary, based on the electronic patient records available through September 30, 2013, a grand total of 326,224 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 2002-4th Qtr FY 2013¹

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	111	345	1,343	1,520	1,355	1,553	226	131	348	1,663
1-BOSTON	270	809	3,077	3,605	3,100	3,734	1,410	209	3,979	4,462
1-MANCHESTER	.	.	1,253	1,411	1,253	1,411	629	57	1,361	1,749
1-NORTHAMPTON	349	429	1,401	1,586	1,479	1,668	432	1,645	947	1,852
1-PROVIDENCE	88	223	1,437	1,605	1,441	1,627	633	130	2,428	1,921
1-TOGUS	81	185	1,563	1,747	1,568	1,761	1,174	982	1,121	2,292
1-WEST HAVEN	88	263	3,081	3,282	3,082	3,308	951	317	2,337	3,614
1-WHITE RIVER JCT	76	202	1,246	1,431	1,251	1,461	1,192	302	810	2,213
VISN 1	941	2,044	12,596	13,923	12,612	14,037	6,647	3,773	13,331	16,771
2-UPSTATE N.Y. HCS	409	811	6,764	7,466	6,782	7,508	2,054	6,992	7,867	8,484
VISN 2	409	811	6,764	7,466	6,782	7,508	2,054	6,992	7,867	8,484
3-BRONX	78	174	1,294	1,459	1,299	1,481	250	199	184	1,569
3-EAST ORANGE	190	366	3,245	3,579	3,252	3,608	1,815	22,549	1,620	4,749
3-MONTROSE VA HUDSON HCS NY	98	159	1,249	1,340	1,252	1,346	284	99	599	1,477
3-N.Y. HARBOR HCS	90	325	2,866	3,254	2,873	3,296	799	1,286	1,280	3,649
3-NORTHPORT	96	233	1,357	1,541	1,359	1,553	240	36	281	1,610
VISN 3	521	1,159	9,175	10,151	9,191	10,214	3,388	24,169	3,964	11,867
4-BUTLER	.	.	649	740	649	740	.	.	.	740
4-CLARKSBURG	58	163	1,105	1,225	1,108	1,246	272	1,205	400	1,348
4-COATESVILLE	123	278	1,415	1,490	1,433	1,532	.	.	.	1,532
4-ERIE	.	21	771	847	771	849	245	43	316	945
4-JAMES E VAN ZANDT VAMC	¹	34	1,147	1,319	1,147	1,320	168	227	¹	1,401
4-LEBANON	79	223	1,808	1,959	1,813	1,979	475	1,133	97	2,188
4-PHILADELPHIA	112	324	3,414	3,792	3,416	3,810	489	653	195	3,997

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= 326,224) indicates the sum of “Any Total Patients” (n=299,561) and “Vet Center PTSD” (n=79,479) after excluding duplicates (n=52,816).

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	160	427	1,255	1,493	1,302	1,660	981	1,115	643	2,387
4-WILKES BARRE	38	171	1,430	1,635	1,433	1,648	599	1,206	589	1,976
4-WILMINGTON	1	22	1,024	1,126	1,024	1,126	561	1,024	142	1,383
VISN 4	544	1,534	12,369	13,687	12,384	13,807	3,790	6,606	2,391	15,509
5-BALTIMORE	117	272	2,262	2,620	2,272	2,650	703	2,409	405	2,962
5-MARTINSBURG	77	222	2,075	2,180	2,076	2,186	236	177	83	2,255
5-WASHINGTON	85	267	3,627	4,175	3,637	4,217	1,282	2,010	727	4,806
VISN 5	267	706	7,527	8,450	7,539	8,495	2,221	4,596	1,215	9,403
6-ASHEVILLE-OTTEEN	125	249	1,024	1,163	1,034	1,198	.	.	.	1,198
6-BECKLEY	.	20	819	861	819	861	260	29	97	941
6-DURHAM	184	337	2,701	2,980	2,709	3,028	968	8,114	300	3,504
6-FAYETTEVILLE NC	199	406	5,035	5,770	5,054	5,806	1,304	25,438	589	6,588
6-HAMPTON	96	200	2,825	3,278	2,826	3,295	630	5,201	697	3,628
6-RICHMOND	108	394	2,916	3,365	2,934	3,510	500	1,837	244	3,767
6-SALEM	206	324	1,412	1,606	1,454	1,682	83	12	1	1,699
6-SALISBURY	352	527	4,203	5,024	4,209	5,058	805	3,854	551	5,439
VISN 6	1,183	2,213	19,003	21,453	19,033	21,626	4,933	45,277	2,579	24,058
7-ATLANTA	184	479	5,234	5,836	5,237	5,858	977	3,355	285	6,292
7-AUGUSTA	214	469	2,383	2,605	2,396	2,683	.	.	.	2,683
7-BIRMINGHAM	1	236	3,063	3,381	3,063	3,425	487	3,290	191	3,646
7-CHARLESTON	72	292	4,157	4,730	4,161	4,760	1,132	9,850	765	5,309
7-COLUMBIA SC	89	281	4,348	4,734	4,353	4,747	954	4,288	258	5,165
7-DUBLIN	.	53	1,706	1,889	1,706	1,891	100	15	58	1,941
7-MONTGOMERY	188	390	3,590	4,067	3,610	4,107	199	72	11	4,158
7-TUSCALOOSA	190	294	1,734	1,789	1,749	1,818	.	.	.	1,818
VISN 7	901	2,285	23,925	26,355	23,935	26,457	3,849	20,870	1,568	27,926
8-BAY PINES	149	388	2,861	3,115	2,868	3,143	573	1,728	199	3,312
8-MIAMI	114	307	2,892	3,187	2,899	3,217	939	2,348	1,348	3,662
8-N FL/S GA HCS	118	456	4,204	4,810	4,214	4,854	1,102	5,690	622	5,341
8-ORLANDO FL VAMC	.	.	4,327	4,805	4,327	4,805	928	2,809	358	5,121
8-SAN JUAN PR	99	428	1,897	2,240	1,898	2,262	672	4,282	1,486	2,510
8-TAMPA	181	840	3,167	3,935	3,191	4,223	324	695	238	4,366
8-W PALM BEACH	114	292	1,589	1,754	1,592	1,778	330	429	120	1,878
VISN 8	741	2,564	18,761	21,074	18,777	21,357	4,868	17,981	4,371	23,111
9-HUNTINGTON	.	53	1,035	1,135	1,035	1,137	427	1,503	192	1,397
9-LEXINGTON-LEESTOWN	104	379	2,043	2,214	2,048	2,265	204	548	96	2,348
9-LOUISVILLE	70	285	1,735	2,029	1,744	2,078	152	2,497	58	2,150
9-MEMPHIS	150	309	2,012	2,314	2,021	2,346	717	2,025	186	2,751
9-MOUNTAIN HOME	134	320	2,428	2,665	2,430	2,672	672	652	199	2,925
9-VA MID TENN HCS NASH TN	449	1,007	5,552	6,126	5,573	6,241	1,026	1,175	172	6,654
VISN 9	881	2,236	14,084	15,630	14,112	15,797	3,198	8,400	903	17,190
10-CHILLICOTHE	110	342	1,125	1,265	1,137	1,329	.	.	.	1,329
10-CINCINNATI	131	314	2,210	2,413	2,214	2,450	180	3,069	702	2,516

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	87	364	3,281	3,629	3,282	3,668	475	2,190	1,694	3,835
10-COLUMBUS-IOC	.	.	1,695	1,962	1,695	1,962	450	87	291	2,191
10-DAYTON	148	335	1,668	1,899	1,683	1,951	129	36	52	2,001
VISN 10	464	1,274	9,205	10,252	9,218	10,348	1,234	5,382	2,739	10,801
11-ANN ARBOR HCS	105	274	2,296	2,582	2,308	2,629	218	223	30	2,714
11-BATTLE CREEK	268	416	2,581	2,826	2,594	2,860	617	1,354	68	3,154
11-DETROIT VAMC	60	238	1,449	1,853	1,462	1,905	536	1,061	86	2,171
11-ILLIANA HCS DANVILLE IL	67	192	1,724	2,015	1,725	2,026	360	1,527	1,471	2,171
11-INDIANAPOLIS-10TH ST	130	301	2,240	2,611	2,252	2,651	150	2,286	386	2,724
11-NORTHERN INDIANA HCS	51	167	1,516	1,724	1,524	1,744	239	1,058	287	1,846
11-SAGINAW	.	23	1,748	1,947	1,748	1,947	190	56	58	2,009
VISN 11	637	1,432	12,117	13,700	12,129	13,779	2,310	7,565	2,386	14,660
12-HINES	127	419	2,571	2,737	2,579	2,798	444	267	203	3,005
12-IRON MOUNTAIN	¹	17	589	688	589	688	89	153	189	724
12-MADISON	83	288	1,431	1,616	1,442	1,675	894	30,392	1,194	2,442
12-MILWAUKEE	125	383	2,718	2,993	2,723	3,019	417	296	481	3,191
12-NORTH CHICAGO	74	199	1,508	1,779	1,529	1,813	282	899	171	2,010
12-TOMAH	78	195	1,440	1,607	1,444	1,623	124	36	33	1,697
12-VA CHICAGO HCS	121	265	1,820	2,098	1,825	2,123	380	657	627	2,307
VISN 12	558	1,574	10,772	11,981	10,796	12,090	2,709	32,726	2,912	13,495
15-VA HEARTLAND-E VH MO	265	704	4,653	5,204	4,666	5,267	788	3,272	851	5,612
15-VAMC HEARTLAND-W KANSAS MO	787	1,418	7,466	8,401	7,624	8,613	1,019	9,507	1,303	9,056
VISN 15	1,031	2,073	11,898	13,342	12,048	13,586	1,807	12,779	2,154	14,346
16-ALEXANDRIA	96	322	1,919	2,170	1,932	2,225	48	11	¹	2,242
16-FAYETTEVILLE AR	139	335	2,284	2,452	2,294	2,486	369	171	127	2,660
16-GULF COAST HCS	111	243	3,205	3,575	3,212	3,603	1,062	3,828	195	4,144
16-HOUSTON	576	909	5,417	5,851	5,447	5,924	559	799	168	6,140
16-JACKSON	86	212	1,423	1,676	1,429	1,705	278	2,557	233	1,810
16-LITTLE ROCK	422	693	3,585	3,842	3,607	3,895	497	779	593	4,067
16-MUSKOGEE	92	255	2,037	2,203	2,044	2,232	425	17	71	2,435
16-OKLAHOMA CITY	160	438	3,187	3,693	3,204	3,769	598	825	163	3,993
16-SHREVEPORT	150	287	1,997	2,169	2,013	2,201	595	5,685	93	2,544
16-SOUTHEAST LA HCS	¹	¹	2,377	2,666	2,377	2,666	720	2,996	362	3,060
VISN 16	1,706	3,324	25,579	28,150	25,634	28,361	5,151	17,668	2,010	30,512
17-DALLAS	268	698	6,819	7,466	6,827	7,505	1,198	1,466	349	8,015
17-SAN ANTONIO	226	652	6,412	7,256	6,419	7,294	1,917	5,402	745	8,206
17-TX VALLEY COASTAL BEND HCS	.	.	1,810	2,084	1,810	2,084	.	.	.	2,084
17-VA CENTRAL TEXAS HCS	445	728	8,807	9,860	8,825	9,895	2,730	39,164	2,437	11,295
VISN 17	923	2,030	22,111	24,608	22,135	24,704	6,063	46,117	3,584	27,391
18-AMARILLO HCS	¹	60	1,325	1,421	1,325	1,426	369	119	157	1,566
18-EL PASO HCS	.	.	2,170	2,567	2,170	2,567	252	6,922	561	2,683
18-NEW MEXICO HCS	139	329	2,940	3,165	2,942	3,182	964	645	297	3,539
18-NORTHERN ARIZONA HCS	¹	16	961	1,069	961	1,069	269	84	68	1,173

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	301	618	5,435	5,983	5,446	6,032	1,056	2,950	303	6,385
18-SOUTHERN ARIZONA HCS	311	540	2,479	2,815	2,502	2,880	535	5,386	1,225	3,146
18-WEST TEXAS HCS	1	12	1,104	1,220	1,104	1,220	245	95	242	1,304
VISN 18	721	1,483	15,374	16,999	15,386	17,078	3,690	16,201	2,853	18,352
19-CHEYENNE	1	15	1,293	1,431	1,293	1,432	525	703	393	1,672
19-DENVER	401	648	6,588	7,638	6,607	7,687	1,668	9,299	1,785	8,292
19-FORT HARRISON	82	174	2,110	2,330	2,113	2,336	835	1,737	436	2,673
19-GRAND JUNCTION	28	55	531	564	531	569	117	1	14	618
19-SALT LAKE CITY HTHCARE	169	437	3,202	3,608	3,206	3,635	839	2,755	990	4,001
19-SHERIDAN	155	271	947	1,080	958	1,095	.	.	.	1,095
VISN 19	777	1,465	13,713	15,546	13,733	15,611	3,984	14,501	3,618	17,097
20-ALASKA HCS & RO	.	.	1,188	1,365	1,188	1,365	953	2,918	2,700	1,895
20-BOISE	57	120	1,050	1,285	1,057	1,299	560	771	1,141	1,616
20-PORTLAND	202	531	4,474	5,056	4,479	5,104	1,003	1,356	964	5,422
20-PUGET SOUND HCS	550	825	6,921	7,729	6,993	7,824	2,067	10,143	2,708	8,870
20-S.ORG REHAB WHITE CITY	.	.	813	861	813	861	146	61	161	912
20-SPOKANE	56	152	1,395	1,587	1,398	1,598	833	927	3,916	2,065
20-VA ROSEBURG HCS	240	264	1,240	1,353	1,304	1,414	486	3,389	561	1,643
20-WALLA WALLA	1	1	1,011	1,143	1,011	1,143	20	14	17	1,146
VISN 20	1,036	1,770	16,648	18,647	16,696	18,735	6,068	19,579	12,168	21,276
21-CENTRAL CALIFORNIA HCS	86	210	1,453	1,654	1,454	1,672	368	1,725	312	1,813
21-HONOLULU	35	77	1,846	2,078	1,849	2,090	566	2,402	3,305	2,344
21-MANILA	.	.	322	358	322	358	.	.	.	358
21-NCHC MARTINEZ	60	204	3,840	4,662	3,845	4,684	1,274	2,335	1,058	5,190
21-PALO ALTO-PALO ALTO	204	635	3,727	4,115	3,756	4,269	841	5,245	1,875	4,583
21-SAN FRANCISCO	43	172	1,685	1,838	1,688	1,889	356	522	567	1,993
21-SIERRA NEVADA HCS	42	146	1,055	1,152	1,057	1,175	221	1,523	151	1,262
VISN 21	456	1,373	12,902	14,562	12,928	14,747	3,626	13,752	7,268	15,991
22-GREATER LA HCS	167	451	5,249	6,121	5,254	6,179	1,288	3,793	2,422	6,711
22-LOMA LINDA	191	598	4,119	4,864	4,126	4,930	1,218	9,851	962	5,638
22-VA LONG BEACH HCS CA	118	313	4,149	4,569	4,154	4,596	728	457	1,161	5,015
22-VA SAN DIEGO HCS CA	128	563	6,284	7,228	6,292	7,283	1,368	8,317	4,506	7,842
22-VA SOUTHERN NEVADA HCS	87	224	2,003	2,276	2,014	2,308	419	76	789	2,476
VISN 22	664	2,016	20,371	23,186	20,399	23,342	5,021	22,494	9,840	25,371
23-FARGO	46	121	1,413	1,689	1,414	1,694	438	1,757	381	1,862
23-FORT MEADE	29	69	771	852	771	856	135	826	160	918
23-MINNEAPOLIS	62	369	2,362	2,828	2,366	2,911	718	1,922	601	3,320
23-SIOUX FALLS	24	117	864	1,029	864	1,037	474	1,435	1,550	1,274
23-ST CLOUD	64	211	1,714	1,812	1,716	1,822	.	.	.	1,822
23-VA NEB-WESTERN IA HCS	250	696	5,944	6,499	5,948	6,540	1,103	3,452	1,431	6,868

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	460	1,516	12,041	13,512	12,046	13,603	2,868	9,392	4,123	14,720
Unique Counts	15,091	34,355	269,813	298,160	270,030	299,561	79,479	356,820	93,844	326,224

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