

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 1st Qtr
FY 2013 (October 1, 2001 – December 31, 2012)*

Released March 2013

**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 on Veterans who have used Department of Veterans Affairs (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 Department of Defense (DoD) roster of returning Veterans to VA's electronic inpatient and outpatient health records and Vet Center records.

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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 1st Qtr FY 2013 (October 1, 2001 – December 31, 2012).

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 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 January 11, 2013, there are a total of 1,604,359 unique OEF/OIF/OND Veterans (including 5,774 Veterans who died in-theater) who, as of November 2012, have 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 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 December 31, 2012 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 -1st Qtr FY 2013 following first deployments in Iraq or Afghanistan. For identification of a potential PTSD patient, we used ICD-9-CM, 309.81.

The Vet Center counts were based on the data provided to EP on February 22, 2013 by the Readjustment Counseling Service (RCS). The RCS staff matched the same DMDC roster with Vet Center users' records through 1st 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 preliminary diagnosis.

Summary

A query of VHA health care utilization databases using the November 2012 DMDC roster yielded a total of 261,998 OEF/OIF/OND Veterans coded with PTSD at a VAMC and 70,044 Veterans who received Vet Center service for PTSD. Of these, 216,090 were seen only at a VAMC; 24,136 only at a Vet Center; and 45,908 were seen at both facilities. In summary, based on the electronic patient records available through December 31, 2012, a grand total of 286,134 OEF/OIF/OND 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 -1st Qtr FY 2013¹

VISN-Facility	Inpatients		Outpatients		Total Patients ²		Vet Centers ³			Grand Total ⁴
	Primary ⁵	Any ⁶	Primary ⁵	Any ⁶	Primary ⁵	Any ⁶	PTSD	Outreach	Others	
1-BEDFORD	95	278	1,154	1,295	1,162	1,321	222	107	281	1,445
1-BOSTON	217	677	2,693	3,147	2,709	3,257	1,048	144	3,116	3,756
1-MANCHESTER	.	.	1,080	1,214	1,080	1,214	428	44	1,193	1,421
1-NORTHAMPTON	282	346	1,142	1,309	1,210	1,382	379	1,645	870	1,552
1-PROVIDENCE	77	188	1,246	1,403	1,252	1,424	567	92	2,471	1,680
1-TOGUS	69	159	1,376	1,537	1,380	1,554	1,035	680	1,168	2,044
1-WEST HAVEN	73	225	2,690	2,869	2,690	2,888	907	266	2,160	3,185
1-WHITE RIVER JCT	73	168	1,128	1,287	1,133	1,312	1,219	299	763	2,123
VISN 1	788	1,721	11,037	12,203	11,050	12,308	5,721	3,252	12,022	14,769
2-UPSTATE N.Y. HCS	357	686	5,945	6,575	5,964	6,614	1,681	6,102	6,641	7,415
VISN 2	357	686	5,945	6,575	5,964	6,614	1,654	6,084	6,641	7,415
3-BRONX	71	146	1,126	1,262	1,131	1,280	199	71	167	1,346
3-EAST ORANGE	162	307	2,902	3,175	2,908	3,197	1,670	22,396	1,870	4,292
3-MONTROSE VA HUDSON HCS NY	84	134	1,095	1,168	1,097	1,173	240	68	464	1,295
3-N.Y. HARBOR HCS	82	298	2,570	2,903	2,577	2,942	676	1,117	1,112	3,250
3-NORTHPORT	90	214	1,189	1,367	1,191	1,381	191	30	256	1,434
VISN 3	464	1,012	8,187	9,021	8,202	9,076	2,945	23,670	3,869	10,606
4-BUTLER	.	.	558	631	558	631	.	.	.	631
4-CLARKSBURG	52	139	976	1,086	978	1,106	247	1,147	384	1,207
4-COATESVILLE	109	237	1,217	1,279	1,232	1,315	.	.	.	1,315
4-ERIE	.	18	712	786	712	788	222	11	273	872
4-JAMES E VAN ZANDT VAMC	1	32	998	1,150	998	1,151	141	229	1	1,222
4-LEBANON	75	194	1,616	1,751	1,621	1,770	439	1,012	94	1,961
4-PHILADELPHIA	89	265	3,046	3,316	3,048	3,327	421	619	178	3,484

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

² The “total patient” counts were generated by matching a cumulative roster of 1,604,359 unique OEF/OIF/OND Veterans who had been separated from active duty as of November 2012, with VA PTF and OPC databases for FY 2002 through 1st Qtr FY 2013. The DoD DMDC identified and provided the identity of these Veterans to the VA EP on January 11, 2013.

³ The Vet Center counts were based on matching the DMDC OEF/OIF/OND roster with Vet Center users’ records through 1st Qtr FY 2013.

⁴ The number for “Grand Total” (n= 286,134) indicates the sum of “Any Total Patients” (n=261,998) and “Vet Center PTSD” (n=70,044) after excluding duplicates (n=45,908).

⁵ 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.

⁶ 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.

OEF/OIF/OND Veterans Coded with Potential PTSD

Cumulative from FY 2002 – 1st Qtr FY 2013, Released March 2013

VISN-Facility	Inpatients		Outpatients		Total Patients ²		Vet Centers ³			Grand Total ⁴
	Primary ⁵	Any ⁶	Primary ⁵	Any ⁶	Primary ⁵	Any ⁶	PTSD	Outreach	Others	
4-PITTSBURGH-UNIV DR	134	346	1,067	1,289	1,112	1,432	908	1,038	615	2,102
4-WILKES BARRE	32	148	1,278	1,469	1,280	1,479	547	1,168	586	1,779
4-WILMINGTON	1	19	883	966	883	967	513	979	132	1,202
VISN 4	470	1,292	10,938	12,077	10,955	12,176	3,414	6,196	2,271	13,726
5-BALTIMORE	97	225	1,982	2,311	1,993	2,338	592	2,331	396	2,603
5-MARTINSBURG	72	194	1,802	1,888	1,803	1,895	214	169	79	1,959
5-WASHINGTON	73	227	3,129	3,571	3,137	3,608	1,105	1,840	686	4,117
VISN 5	232	604	6,538	7,322	6,549	7,365	1,898	4,338	1,161	8,149
6-ASHEVILLE-OTTEEN	112	206	868	989	876	1,015	.	.	.	1,015
6-BECKLEY	.	18	733	770	733	770	244	27	95	846
6-DURHAM	167	299	2,379	2,627	2,387	2,672	898	7,803	293	3,123
6-FAYETTEVILLE NC	169	351	4,103	4,737	4,117	4,766	1,239	24,911	988	5,603
6-HAMPTON	87	164	2,406	2,756	2,409	2,767	515	4,844	632	3,049
6-RICHMOND	1	338	2,456	2,779	2,472	2,909	462	1,702	225	3,165
6-SALEM	165	276	1,216	1,376	1,257	1,450	71	12	1	1,463
6-SALISBURY	306	455	3,621	4,394	3,627	4,421	739	3,489	506	4,772
VISN 6	1,032	1,901	16,120	18,175	16,148	18,322	4,317	43,210	2,818	20,547
7-ATLANTA	156	397	4,540	5,039	4,542	5,061	848	3,225	255	5,453
7-AUGUSTA	195	419	2,085	2,255	2,096	2,321	.	.	.	2,321
7-BIRMINGHAM	1	198	2,684	2,976	2,684	3,016	431	3,145	225	3,210
7-CHARLESTON	63	232	3,451	3,927	3,455	3,954	1,033	9,388	753	4,479
7-COLUMBIA SC	62	226	3,737	4,078	3,742	4,088	859	4,086	218	4,482
7-DUBLIN	.	47	1,431	1,593	1,431	1,596	82	1	27	1,639
7-MONTGOMERY	155	338	3,034	3,440	3,051	3,477	158	41	10	3,522
7-TUSCALOOSA	153	236	1,596	1,647	1,610	1,665	.	.	.	1,665
VISN 7	753	1,913	20,586	22,649	20,596	22,745	3,383	19,854	1,488	24,102
8-BAY PINES	125	310	2,449	2,662	2,454	2,686	480	1,621	173	2,827
8-MIAMI	103	261	2,485	2,718	2,494	2,742	856	2,106	1,337	3,165
8-N FL/S GA HCS	106	381	3,592	4,130	3,601	4,167	1,005	5,377	578	4,622
8-ORLANDO FL VAMC	.	.	3,601	3,999	3,601	3,999	783	2,522	332	4,271
8-SAN JUAN PR	89	364	1,642	1,979	1,643	1,994	618	4,146	1,449	2,233
8-TAMPA	164	700	2,812	3,505	2,835	3,744	257	552	189	3,856
8-W PALM BEACH	93	244	1,334	1,473	1,337	1,494	296	244	103	1,590
VISN 8	651	2,140	16,020	18,034	16,036	18,263	4,245	16,523	4,161	19,860
9-HUNTINGTON	.	42	963	1,050	963	1,052	379	1,473	200	1,279
9-LEXINGTON-LEESTOWN	98	337	1,806	1,953	1,811	1,997	189	537	86	2,078
9-LOUISVILLE	64	255	1,501	1,752	1,510	1,798	140	1,980	62	1,868
9-MEMPHIS	129	261	1,752	2,016	1,761	2,042	678	2,027	179	2,446
9-MOUNTAIN HOME	119	289	2,141	2,354	2,143	2,361	598	654	195	2,578
9-VA MIDTENN HCS NASH TN	395	846	4,556	5,043	4,577	5,145	897	1,100	174	5,522
VISN 9	783	1,933	12,136	13,464	12,166	13,618	2,860	7,768	896	14,905
10-CHILLICOTHE	99	266	994	1,106	1,007	1,156	.	.	.	1,156
10-CINCINNATI	108	255	1,925	2,092	1,929	2,121	155	3,033	691	2,173
10-CLEVELAND-WADE PARK	85	310	2,887	3,203	2,889	3,237	391	1,860	1,677	3,374

OEF/OIF/OND Veterans Coded with Potential PTSD

Cumulative from FY 2002 – 1st Qtr FY 2013, Released March 2013

VISN-Facility	Inpatients		Outpatients		Total Patients ²		Vet Centers ³			Grand Total ⁴
	Primary ⁵	Any ⁶	Primary ⁵	Any ⁶	Primary ⁵	Any ⁶	PTSD	Outreach	Others	
10-COLUMBUS-IOC	.	.	1,493	1,710	1,493	1,710	390	81	284	1,905
10-DAYTON	129	285	1,438	1,623	1,451	1,667	112	33	44	1,708
VISN 10	411	1,061	8,095	8,987	8,109	9,068	1,032	5,002	2,696	9,438
11-ANN ARBOR HCS	91	227	1,976	2,217	1,987	2,255	179	222	31	2,323
11-BATTLE CREEK	232	356	2,230	2,439	2,243	2,468	503	1,142	63	2,701
11-DETROIT VAMC	50	181	1,276	1,607	1,287	1,651	463	1,038	85	1,870
11-ILLIANA HCS DANVILLE IL	53	168	1,563	1,832	1,564	1,844	312	1,493	1,465	1,973
11-INDIANAPOLIS-10TH ST	114	262	1,987	2,327	1,997	2,360	140	2,129	381	2,427
11-NORTHERN INDIANA HCS	46	142	1,303	1,479	1,309	1,494	225	1,019	278	1,595
11-SAGINAW	.	19	1,536	1,712	1,536	1,713	161	.	57	1,763
VISN 11	546	1,209	10,652	12,044	10,665	12,107	1,969	7,034	2,360	12,841
12-HINES	110	343	2,302	2,440	2,308	2,485	357	206	195	2,650
12-IRON MOUNTAIN	¹	15	537	632	537	632	83	151	186	668
12-MADISON	69	242	1,248	1,410	1,257	1,461	917	30,485	1,588	2,264
12-MILWAUKEE	110	327	2,407	2,650	2,413	2,674	327	251	468	2,805
12-NORTH CHICAGO	69	175	1,289	1,548	1,308	1,579	243	862	175	1,749
12-TOMAH	64	166	1,263	1,409	1,267	1,424	76	34	35	1,465
12-VA CHICAGO HCS	100	220	1,570	1,801	1,576	1,825	343	596	616	1,995
VISN 12	480	1,341	9,515	10,599	9,542	10,703	2,360	32,562	3,273	12,007
15-VA HEARTLAND-EVH MO	230	585	4,196	4,644	4,205	4,692	713	3,111	845	4,999
15-VAMC HEARTLAND-W KANSAS MO	678	1,189	6,281	7,043	6,419	7,232	909	8,911	1,336	7,667
VISN 15	890	1,731	10,286	11,460	10,416	11,670	1,604	12,015	2,181	12,385
16-ALEXANDRIA	81	263	1,596	1,814	1,608	1,860	35	10	¹	1,875
16-FAYETTEVILLE AR	105	278	1,981	2,134	1,986	2,165	287	171	118	2,295
16-GULF COAST HCS	95	217	2,749	3,059	2,755	3,087	936	3,658	288	3,587
16-HOUSTON	488	733	4,629	4,959	4,657	5,013	473	799	158	5,202
16-JACKSON	76	185	1,217	1,421	1,222	1,449	261	2,312	235	1,549
16-LITTLE ROCK	373	601	3,272	3,517	3,290	3,560	478	758	572	3,725
16-MUSKOGEE	79	216	1,757	1,905	1,763	1,927	373	17	62	2,113
16-OKLAHOMA CITY	133	384	2,770	3,172	2,782	3,246	502	749	156	3,435
16-SHREVEPORT	126	243	1,760	1,910	1,767	1,928	580	5,456	106	2,281
16-SOUTHEAST LA HCS	¹	¹	2,081	2,335	2,081	2,335	670	2,838	352	2,718
VISN 16	1,457	2,825	22,242	24,407	22,288	24,599	4,566	16,698	2,050	26,586
17-DALLAS	246	590	5,925	6,433	5,933	6,465	1,020	1,400	326	6,938
17-SAN ANTONIO	178	523	5,509	6,199	5,514	6,226	1,679	4,829	710	7,003
17-TX VALLEY COASTAL BEND HCS	.	.	1,443	1,676	1,443	1,676	.	.	.	1,676
17-VA CENTRAL TEXAS HCS	376	613	7,431	8,275	7,446	8,306	2,564	33,540	2,536	9,716
VISN 17	787	1,686	18,794	20,790	18,814	20,870	5,374	39,824	3,621	23,406
18-AMARILLO HCS	¹	52	1,107	1,195	1,107	1,198	338	118	159	1,323
18-EL PASO HCS	.	.	1,774	1,994	1,774	1,994	203	4,164	536	2,095
18-NEW MEXICO HCS	122	279	2,592	2,795	2,594	2,810	838	648	290	3,109
18-NORTHERN ARIZONA HCS	¹	15	828	907	828	908	244	80	67	1,005
18-PHOENIX	255	536	4,793	5,234	4,804	5,280	834	2,814	318	5,559
18-SOUTHERN ARIZONA HCS	269	458	2,213	2,513	2,232	2,571	498	4,763	1,225	2,824

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VISN-Facility	Inpatients		Outpatients		Total Patients ²		Vet Centers ³			Grand Total ⁴
	Primary ⁵	Any ⁶	Primary ⁵	Any ⁶	Primary ⁵	Any ⁶	PTSD	Outreach	Others	
18-WEST TEXAS HCS	1	12	932	1,030	932	1,030	212	94	237	1,109
VISN 18	623	1,273	13,391	14,669	13,402	14,741	3,125	12,669	2,832	15,852
19-CHEYENNE	1	13	1,106	1,218	1,106	1,219	456	668	391	1,432
19-DENVER	355	545	5,671	6,567	5,689	6,607	1,462	8,345	1,815	7,173
19-FORT HARRISON	60	134	1,853	2,043	1,855	2,047	725	1,678	389	2,340
19-GRAND JUNCTION	26	45	478	509	478	511	97	1	16	551
19-SALT LAKE CITY HTHCARE	151	379	2,833	3,194	2,836	3,218	723	2,593	953	3,536
19-SHERIDAN	145	240	854	967	862	981	.	.	.	981
VISN 19	686	1,244	11,972	13,560	11,990	13,614	3,402	13,272	3,564	14,936
20-ALASKA HCS & RO	.	.	1,024	1,161	1,024	1,161	814	2,495	2,441	1,607
20-BOISE	51	107	888	1,103	895	1,118	495	738	1,143	1,419
20-PORTLAND	177	451	3,905	4,457	3,907	4,497	889	1,324	944	4,786
20-PUGET SOUND HCS	533	772	6,080	6,770	6,155	6,864	1,805	9,237	2,570	7,794
20-S.ORG REHAB WHITE CITY	.	.	692	731	692	731	126	56	160	779
20-SPOKANE	49	130	1,218	1,376	1,221	1,386	766	862	3,919	1,822
20-VA ROSEBURG HCS	231	251	1,106	1,203	1,171	1,265	453	3,405	539	1,487
20-WALLA WALLA	1	1	899	1,022	899	1,022	12	1	20	1,024
VISN 20	979	1,599	14,624	16,382	14,671	16,467	5,242	18,075	11,736	18,777
21-CENTRAL CALIFORNIA HCS	74	186	1,293	1,456	1,294	1,472	331	1,686	303	1,601
21-HONOLULU	32	66	1,607	1,805	1,609	1,814	493	1,262	3,177	2,041
21-MANILA	.	.	269	293	269	293	.	.	.	293
21-NCHC MARTINEZ	46	164	3,340	4,077	3,344	4,092	1,140	2,059	1,009	4,552
21-PALO ALTO-PALO ALTO	161	541	3,235	3,579	3,260	3,715	745	4,901	1,838	3,994
21-SAN FRANCISCO	37	148	1,453	1,565	1,456	1,610	330	466	538	1,708
21-SIERRA NEVADA HCS	38	126	916	995	918	1,012	188	1,475	117	1,084
VISN 21	375	1,170	11,250	12,685	11,273	12,843	3,167	11,828	6,982	13,963
22-GREATER LA HCS	146	394	4,572	5,348	4,576	5,394	1,108	3,196	2,253	5,852
22-LOMA LINDA	174	506	3,541	4,163	3,548	4,212	1,069	8,790	955	4,854
22-VA LONG BEACH HCS CA	96	257	3,625	4,005	3,630	4,028	667	369	1,107	4,427
22-VA SAN DIEGO HCS CA	112	489	5,263	6,003	5,270	6,052	1,242	7,352	4,442	6,592
22-VA SOUTHERN NEVADA HCS	70	171	1,636	1,854	1,647	1,880	356	35	773	2,030
VISN 22	576	1,711	17,490	19,865	17,516	19,991	4,369	19,684	9,530	21,861
23-FARGO	42	104	1,241	1,468	1,242	1,470	364	1,720	387	1,612
23-FORT MEADE	26	58	662	728	663	733	119	797	164	783
23-MINNEAPOLIS	56	322	2,071	2,502	2,075	2,577	633	1,906	570	2,926
23-SIOUX FALLS	21	100	771	910	771	915	442	1,365	1,558	1,146
23-ST CLOUD	62	187	1,532	1,620	1,534	1,630	.	.	.	1,630
23-VA NEB-WESTERN IA HCS	215	591	5,270	5,748	5,273	5,785	968	3,338	1,414	6,083
VISN 23 ⁷	409	1,306	10,689	11,963	10,694	12,043	2,491	9,114	4,093	13,036

⁷ In 2002, VA merged VISNs 13 and 14 to form VISN 23.

VISN-Facility	Inpatients		Outpatients		Total Patients ²		Vet Centers ³			Grand Total ⁴
	Primary ⁵	Any ⁶	Primary ⁵	Any ⁶	Primary ⁵	Any ⁶	PTSD	Outreach	Others	
Unique Counts	13,119	29,265	236,155	260,764	236,365	261,998	70,044	329,161	90,245	286,134