

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

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*Cumulative from 1<sup>st</sup> Qtr FY 2002 through 1<sup>st</sup> Qtr  
FY 2012 (October 1, 2001 – December 31, 2011)*

**Released March 2012**

**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 1<sup>st</sup> Qtr FY 2011 (October 1, 2001 – December 31, 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 January 5, 2012, there are a total of 1,436,522 unique OEF/OIF/OND Veterans (including 5,651 Veterans who died in-theater) who, as of November 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 December 31, 2011 to identify those who had sought treatment in VA facilities and to identify the International Classification of Diseases, 9<sup>th</sup> 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 -1<sup>st</sup> Qtr FY 2012 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 February 3, 2012 by the Readjustment Counseling Service (RCS). The RCS staff matched the same DMDC roster with Vet Center users' records through 1<sup>st</sup> Qtr FY 2012.

# 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 217,082 OEF/OIF/OND Veterans coded with PTSD at a VAMC and 45,898 Veterans who received Vet Center service for PTSD. Of these, 186,356 were seen only at a VAMC; 16,807 only at a Vet Center; and 30,726 were seen at both facilities. In summary, based on the electronic patient records available through December 31, 2011, a grand total of 223,889 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 2002-1st Qtr FY 2012**

VISN-Facility	Inpatients		Outpatients		Total Patients <sup>1</sup>		Vet Centers <sup>2</sup>			Grand Total <sup>3</sup>
	Primary <sup>4</sup>	Any <sup>5</sup>	Primary	Any	Primary	Any	PTSD	Outreach	Others	
1-BEDFORD	73	216	894	1,006	902	1,028	174	105	240	1,130
1-BOSTON	173	525	2,253	2,631	2,266	2,722	781	245	2,477	3,052
1-MANCHESTER	.	.	826	934	826	934	294	83	1,144	1,069
1-NORTHAMPTON	209	255	806	914	853	963	223	1,893	596	1,041
1-PROVIDENCE	47	141	1,001	1,124	1,003	1,138	358	99	2,229	1,275
1-TOGUS	51	121	1,126	1,265	1,128	1,278	799	429	1,161	1,648
1-WEST HAVEN	61	168	2,219	2,369	2,220	2,382	583	327	2,136	2,563
1-WHITE RIVER JCT	60	125	945	1,072	951	1,092	1,090	360	689	1,854
VISN 1	603	1,314	9,007	9,966	9,017	10,050	4,302	3,541	10,672	11,970
2-UPSTATE N.Y. HCS	273	538	4,990	5,501	4,999	5,527	972	6,373	3,623	5,895
VISN 2	273	538	4,990	5,501	4,999	5,527	972	6,373	3,623	5,895
3-BRONX	53	106	913	1,023	918	1,041	168	83	142	1,102
3-EAST ORANGE	128	245	2,427	2,637	2,431	2,652	822	23,352	1,010	3,034
3-MONTROSE VA HUDSON HCS NY	67	105	882	943	884	949	168	76	392	1,027
3-N.Y. HARBOR HCS	62	228	2,181	2,453	2,187	2,481	495	1,071	957	2,695
3-NORTHPORT	66	164	982	1,130	984	1,140	129	39	234	1,174
VISN 3	359	795	6,880	7,562	6,892	7,608	1,782	24,621	2,735	8,319
4-BUTLER	.	.	463	521	463	521	.	.	.	.
4-CLARKSBURG	41	113	789	891	791	911	145	1,188	276	521
4-COATESVILLE	86	182	993	1,037	1,006	1,068	.	.	.	967
4-ERIE	.	14	620	687	620	689	183	13	216	1068
4-JAMES E VAN ZANDT VAMC	1	23	843	965	843	966	92	208	7	759
4-LEBANON	64	148	1,371	1,479	1,376	1,495	356	947	81	1,008
4-PHILADELPHIA	77	218	2,604	2,812	2,605	2,819	314	640	152	1,649

<sup>1</sup> The “total patient” counts were generated by matching a cumulative roster of 1,436,522 unique OEF/OIF/OND Veterans who had been separated from active duty as of November 2011, with VA PTF and OPC databases for FY 2002 through 1<sup>st</sup> Qtr FY 2012. The DoD DMDC identified and provided the identity of these Veterans to the VA EP on January 5, 2012.

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> The Vet Center counts were based on matching the DMDC OEF/OIF/OND roster with Vet Center users’ records through 1<sup>st</sup> Qtr FY 2012.

<sup>5</sup> The number for “Grand Total” (n= 233,889) indicates the sum of “Any Total Patients” (n=217,082) and “Vet Center PTSD” (n=47,533) after excluding duplicates (n=30,726).

OEF/OIF/OND Veterans Coded with Potential PTSD

Cumulative from FY 2002 – 1<sup>st</sup> Qtr FY 2012, Released March 2012

VISN-Facility	Inpatients		Outpatients		Total Patients <sup>1</sup>		Vet Centers <sup>2</sup>			Grand Total <sup>3</sup>
	Primary <sup>4</sup>	Any <sup>5</sup>	Primary	Any	Primary	Any	PTSD	Outreach	Others	
4-PITTSBURGH-UNIV DR	101	263	847	1,017	878	1,128	802	973	525	1,736
4-WILKES BARRE	29	122	1,114	1,272	1,117	1,285	408	1,218	554	1,497
4-WILMINGTON	2	10	720	781	720	781	420	996	85	972
VISN 4	381	1,008	9,230	10,164	9,243	10,256	2,720	6,183	1,896	11,499
5-BALTIMORE	85	189	1,670	1,957	1,678	1,980	381	2,340	323	2,131
5-MARTINSBURG	65	161	1,472	1,551	1,472	1,554	183	168	53	1,607
5-WASHINGTON	65	177	2,566	2,916	2,574	2,946	860	1,591	638	3,334
VISN 5	208	493	5,406	6,065	5,416	6,099	1,424	4,099	1,014	6,663
6-ASHEVILLE-OTEEN	87	153	672	758	677	775	.	.	.	775
6-BECKLEY	.	16	636	660	636	660	214	24	98	729
6-DURHAM	146	245	1,983	2,185	1,988	2,216	607	7,200	107	2,469
6-FAYETTEVILLE NC	138	275	3,133	3,591	3,145	3,610	377	24,217	72	3,727
6-HAMPTON	67	129	1,881	2,099	1,883	2,108	314	4,230	444	2,264
6-RICHMOND	81	253	1,987	2,233	1,997	2,322	359	1,628	200	2,524
6-SALEM	134	218	947	1,065	985	1,133	66	11	3	1,146
6-SALISBURY	237	345	3,000	3,663	3,004	3,678	534	3,204	287	3,920
VISN 6	831	1,487	12,863	14,364	12,885	14,474	2,535	40,565	1,222	15,478
7-ATLANTA	123	272	3,588	3,979	3,590	3,994	603	2,901	207	4,273
7-AUGUSTA	160	350	1,785	1,932	1,791	1,989	.	.	.	1,989
7-BIRMINGHAM	3	142	2,208	2,458	2,208	2,483	334	2,936	121	2,610
7-CHARLESTON	51	172	2,545	2,969	2,550	2,994	610	8,868	468	3,225
7-COLUMBIA SC	52	170	3,018	3,293	3,023	3,298	622	4,153	63	3,575
7-DUBLIN	.	39	1,121	1,253	1,121	1,255	54	.	19	1,283
7-MONTGOMERY	134	276	2559	2865	2576	2895	106	8	6	2923
7-TUSCALOOSA	110	169	1411	1455	1417	1469	.	.	.	1469
VISN 7	602	1,452	16,750	18,441	16,758	18,516	2,329	18,866	884	19,360
8-BAY PINES	100	239	1,958	2,118	1,962	2,133	349	1,559	103	2,228
8-MIAMI	71	193	2,051	2,250	2,054	2,262	667	1,803	1,305	2,618
8-N FL/S GA HCS	90	307	3,007	3,430	3,015	3,463	772	4,656	400	3,790
8-ORLANDO FL VAMC	.	.	2,780	3,062	2,780	3,062	518	2,165	280	3,253
8-SAN JUAN PR	75	305	1,363	1,666	1,364	1,684	422	4,125	1,171	1,860
8-TAMPA	146	570	2,385	2,983	2,404	3,184	171	389	103	3,251
8-W PALM BEACH	76	188	1,050	1,164	1,053	1,182	231	32	90	1,256
VISN 8	536	1,710	13,023	14,634	13,034	14,825	3,130	14,729	3,452	16,028
9-HUNTINGTON	.	33	876	958	876	960	290	1,388	147	1,114
9-LEXINGTON-LEESTOWN	80	277	1,558	1,676	1,562	1,713	142	544	46	1,767
9-LOUISVILLE	61	210	1,278	1,454	1,286	1,490	96	1,264	37	1,525
9-MEMPHIS	101	189	1,455	1,693	1,462	1,710	560	1,886	125	2,055
9-MOUNTAIN HOME	100	235	1,769	1,927	1,770	1,930	489	684	172	2,115
9-VA MID TENN HCS NASH TN	307	641	3,607	3,999	3,621	4,069	740	735	151	4,391
VISN 9	632	1,514	10,076	11,144	10,098	11,253	2,317	6,501	678	12,281
10-CHILlicothe	80	207	824	914	837	955	.	.	.	955

OEF/OIF/OND Veterans Coded with Potential PTSD

Cumulative from FY 2002 – 1<sup>st</sup> Qtr FY 2012, Released March 2012

VISN-Facility	Inpatients		Outpatients		Total Patients <sup>1</sup>		Vet Centers <sup>2</sup>			Grand Total <sup>3</sup>
	Primary <sup>4</sup>	Any <sup>5</sup>	Primary	Any	Primary	Any	PTSD	Outreach	Others	
10-CINCINNATI	83	186	1,567	1,691	1,570	1,710	111	2,411	632	1,741
10-CLEVELAND-WADE PARK	67	243	2,394	2,636	2,395	2,662	218	1,524	1,566	2,719
10-COLUMBUS-IOC	.	.	1179	1335	1179	1335	318	81	264	1488
10-DAYTON	95	211	1,177	1,329	1,186	1,362	97	32	32	1,405
VISN 10	317	808	6,651	7,332	6,664	7,396	744	4,048	2,494	7,648
11-ANN ARBOR HCS	70	176	1,614	1,799	1,624	1,827	130	222	23	1,871
11-BATTLE CREEK	183	281	1,835	2,008	1,844	2,030	355	1,046	63	2,179
11-DETROIT VAMC	42	131	1,068	1,317	1,079	1,342	328	945	72	1,487
11-ILLIANA HCS DANVILLE IL	42	142	1,303	1,529	1,303	1,538	180	1,399	1,460	1,601
11-INDIANAPOLIS-10TH ST	90	200	1,717	1,969	1,725	1,991	89	1,737	324	2,029
11-NORTHERN INDIANA HCS	38	116	1,073	1,216	1,078	1,225	161	1,032	253	1,297
11-SAGINAW	.	14	1,276	1,424	1,276	1,425	110	1	47	1,456
VISN 11	433	953	8,899	10,002	8,907	10,046	1,353	6,382	2,242	10,514
12-HINES	81	273	1,931	2,047	1,935	2,086	257	191	160	2,199
12-IRON MOUNTAIN	1	11	445	525	445	525	60	100	131	544
12-MADISON	59	187	1,006	1,151	1,015	1,193	135	31,633	451	1,265
12-MILWAUKEE	85	263	2,041	2,259	2,046	2,278	206	256	467	2,361
12-NORTH CHICAGO	61	139	1,007	1,250	1,026	1,278	175	852	147	1,392
12-TOMAH	51	131	1,020	1,136	1,023	1,149	49	8	10	1,175
12-VA CHICAGO HCS	79	160	1,268	1,457	1,274	1,476	274	369	597	1,613
VISN 12	381	1,045	7,888	8,840	7,911	8,927	1,166	33,409	1,971	9,360
15-VA HEARTLAND-E VH MO	197	469	3,557	3,931	3,561	3,963	553	2,856	741	4,201
15-VAMC HEARTLAND-W KANSAS MO	538	910	4,925	5,459	5,033	5,607	533	7,795	1,188	5,812
VISN 15	720	1,347	8,341	9,222	8,439	9,384	1,086	10,651	1,929	9,812
16-ALEXANDRIA	56	194	1,270	1,444	1,279	1,473	24	5	4	1,486
16-FAYETTEVILLE AR	86	224	1,607	1,736	1,610	1,763	196	153	89	1,848
16-GULF COAST HCS	79	179	2,250	2,480	2,257	2,504	888	3,403	99	2,980
16-HOUSTON	357	549	3,688	3,935	3,713	3,978	369	811	122	4,126
16-JACKSON	52	122	936	1,118	940	1,133	179	509	237	1,196
16-LITTLE ROCK	313	502	2,880	3,102	2,900	3,139	409	784	536	3,272
16-MUSKOGEE	61	167	1,452	1,569	1,457	1,589	302	1	60	1,737
16-OKLAHOMA CITY	101	280	2,282	2,568	2,290	2,617	377	520	124	2,761
16-SHREVEPORT	90	177	1,458	1,570	1,462	1,583	403	4,991	40	1,800
16-SOUTHEAST LA HCS	3	5	1,724	1,937	1,724	1,937	554	2,513	307	2,265
VISN 16	1,130	2,206	18,353	20,065	18,395	20,208	3,701	13,690	1,618	21,807
17-DALLAS	197	450	4,916	5,284	4,920	5,305	774	1,354	250	5,683
17-SAN ANTONIO	144	389	4,675	5,249	4,680	5,264	1,267	4,117	622	5,791
17-VA CENTRAL TEXAS HCS	287	458	5,920	6,544	5,933	6,567	1,226	28,508	1,337	7,101
VISN 17	620	1,267	15,244	16,764	15,261	16,815	3,352	34,007	2,230	18,217
18-AMARILLO HCS	4	43	916	979	916	982	276	129	149	1,088
18-EL PASO HCS	.	.	1,430	1,567	1,430	1,567	87	1,139	456	1,600
18-NEW MEXICO HCS	101	217	2,158	2,327	2,160	2,339	669	646	264	2,576

OEF/OIF/OND Veterans Coded with Potential PTSD

Cumulative from FY 2002 – 1<sup>st</sup> Qtr FY 2012, Released March 2012

VISN-Facility	Inpatients		Outpatients		Total Patients <sup>1</sup>		Vet Centers <sup>2</sup>			Grand Total <sup>3</sup>
	Primary <sup>4</sup>	Any <sup>5</sup>	Primary	Any	Primary	Any	PTSD	Outreach	Others	
18-NORTHERN ARIZONA HCS	2	8	665	723	665	723	209	83	65	813
18-PHOENIX	184	399	3,914	4,290	3,927	4,329	518	2,648	223	4,495
18-SOUTHERN ARIZONA HCS	222	364	1,868	2,103	1,884	2,146	331	4,177	1,133	2,291
18-WEST TEXAS HCS	1	12	720	798	720	798	159	97	227	860
VISN 18	488	983	11,019	12,028	11,031	12,086	2,249	8,919	2,517	12,840
19-CHEYENNE	1	12	892	973	892	973	330	643	373	1,130
19-DENVER	308	468	4,553	5,225	4,568	5,264	817	6,932	1,699	5,515
19-FORT HARRISON	25	82	1,560	1,722	1,561	1,724	520	1,697	344	1,927
19-GRAND JUNCTION	21	35	421	441	421	443	63	5	15	469
19-SALT LAKE CITY HTHCARE	120	296	2,346	2,664	2,350	2,683	521	2,576	828	2,921
19-SHERIDAN	128	193	706	798	713	806	.	.	.	806
VISN 19	559	998	9,816	11,078	9,831	11,124	2,251	11,853	3,259	11,938
20-ALASKA HCS & RO	.	.	799	907	799	907	513	2,431	1,935	1,183
20-BOISE	45	90	690	861	697	874	338	755	1,118	1,082
20-PORTLAND	125	335	3,197	3,668	3,199	3,700	678	1,446	726	3,920
20-PUGET SOUND HCS	475	642	4,977	5,542	5,051	5,629	1,250	8,709	1,998	6,216
20-S.ORG REHAB WHITE CITY	.	.	554	593	554	593	95	47	144	626
20-SPOKANE	37	99	965	1,096	968	1,105	365	2,055	2,709	1,275
20-VA ROSEBURG HCS	212	228	935	1,021	996	1,079	242	3,947	107	1,145
20-WALLA WALLA	7	7	743	839	743	839	2	.	2	840
VISN 20	835	1,291	11,973	13,457	12,020	13,530	3,483	19,390	8,739	14,948
21-CENTRAL CALIFORNIA HCS	61	143	1,062	1,204	1,063	1,218	241	1,759	218	1,299
21-HONOLULU	29	51	1,384	1,535	1,386	1,541	285	1,240	2,789	1,660
21-MANILA	.	.	195	215	195	215	.	.	.	215
21-NCHC MARTINEZ	32	107	2,689	3,316	2,690	3,326	827	2,027	855	3,636
21-PALO ALTO-PALO ALTO	133	429	2,655	2,938	2,677	3,047	396	4,348	1,315	3,140
21-SAN FRANCISCO	34	126	1,207	1,303	1,211	1,341	253	431	478	1,410
21-SIERRA NEVADA HCS	25	95	772	834	773	845	138	1,329	64	895
VISN 21	301	905	9,309	10,513	9,328	10,638	2,140	11,134	5,719	11,295
22-GREATER LA HCS	115	309	3,808	4,451	3,812	4,488	629	2,792	1,834	4,708
22-LOMA LINDA	139	390	2,852	3,316	2,860	3,357	535	7,752	605	3,601
22-VA LONG BEACH HCS CA	79	189	2,966	3,259	2,970	3,273	473	202	1,049	3,593
22-VA SAN DIEGO HCS CA	99	375	4,275	4,829	4,282	4,870	727	5,660	3,567	5,112
22-VA SOUTHERN NEVADA HCS	51	127	1,284	1,442	1,293	1,464	261	31	721	1,574
VISN 22	463	1,306	14,330	16,162	14,353	16,268	2,625	16,437	7,776	17,243
23-FARGO	39	88	1,019	1,201	1,020	1,203	244	1,608	378	1,289
23-FORT MEADE	16	42	535	594	535	597	100	673	153	640
23-MINNEAPOLIS	52	272	1,757	2,112	1,760	2,174	477	1,464	523	2,434
23-SIOUX FALLS	12	71	640	760	640	765	336	979	1,541	944
23-ST CLOUD	56	153	1,264	1,342	1,266	1,354	.	.	.	1,354
23-VA NEB-WESTERN IA HCS	169	455	4,251	4,644	4,253	4,674	715	2,893	1,232	4,891

OEF/OIF/OND Veterans Coded with Potential PTSD  
Cumulative from FY 2002 – 1<sup>st</sup> Qtr FY 2012, Released March 2012

VISN-Facility	Inpatients		Outpatients		Total Patients <sup>1</sup>		Vet Centers <sup>2</sup>			Grand Total <sup>3</sup>
	Primary <sup>4</sup>	Any <sup>5</sup>	Primary	Any	Primary	Any	PTSD	Outreach	Others	
VISN 23 <sup>6</sup>	334	1,040	8,805	9,872	8,808	9,940	1,872	7,617	3,827	10,671
Unique Counts	10,518	22,930	196,051	216,117	196,219	217,082	47,533	303,015	70,497	233,889

<sup>6</sup> In 2002, VA merged VISNs 13 and 14 to form VISN 23.

OEF/OIF/OND Veterans Coded with Potential PTSD

Cumulative from FY 2002 – 1<sup>st</sup> Qtr FY 2012, Released March 2012