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 2nd Qtr FY 2012 (October 1, 2001 – March 31, 2012)

Table of Contents

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 2nd Qtr FY 2012 (October 1, 2001 – March 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 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 March 28, 2012, there are a total of 1,478,370 unique OEF/OIF/OND Veterans (including 5,693 Veterans who died in-theater) who, as of February 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 March 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 -2nd 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 May 18, 2012 by the Readjustment Counseling Service (RCS). The RCS staff matched the same DMDC roster with Vet Center users' records through 2nd 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 February 2012 DMDC roster yielded a total of 228,361 OEF/OIF/OND Veterans coded with PTSD at a VAMC and 49,450 Veterans who received Vet Center service for PTSD. Of these, 196,208 were seen only at a VAMC; 17,297 only at a Vet Center; and 32,153 were seen at both facilities. In summary, based on the electronic patient records available through March 31, 2012, a grand total of 245,658 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 2002-2nd Qtr FY 2012

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	80	232	955	1,075	963	1,098	181	110	247	1,197
1-BOSTON	182	560	2,365	2,773	2,379	2,872	799	263	2,691	3,210
1-MANCHESTER	.	.	897	1,019	897	1,019	303	89	1,160	1,157
1-NORTHAMPTON	222	275	919	1,045	967	1,097	231	1,894	615	1,180
1-PROVIDENCE	55	153	1,062	1,202	1,064	1,218	368	100	2,312	1,355
1-TOGUS	54	131	1,178	1,319	1,180	1,331	817	497	1,178	1,702
1-WEST HAVEN	63	180	2,326	2,486	2,327	2,500	602	368	2,179	2,682
1-WHITE RIVER JCT	62	133	1,001	1,130	1,006	1,151	1,102	361	727	1,911
VISN 1	642	1,410	9,527	10,554	9,538	10,645	4,403	3,682	11,109	12,566
2-UPSTATE N.Y. HCS	296	574	5,226	5,773	5,241	5,805	1,015	6,432	4,359	6,193
VISN 2	296	574	5,226	5,773	5,241	5,805	1,015	6,432	4,359	6,193
3-BRONX	57	117	968	1,082	974	1,103	173	83	147	1,165
3-EAST ORANGE	138	264	2,557	2,785	2,562	2,802	860	23,439	1,033	3,209
3-MONTROSE VA HUDSON HCS NY	72	115	921	991	923	997	176	76	398	1,078
3-N.Y. HARBOR HCS	66	247	2,287	2,579	2,294	2,611	503	1,091	994	2,825
3-NORTHPORT	75	180	1,035	1,191	1,037	1,204	132	39	250	1,237
VISN 3	387	860	7,223	7,959	7,236	8,008	1,844	24,728	2,822	8,749
4-BUTLER	.	.	484	548	484	548	.	.	.	548
4-CLARKSBURG	44	122	841	946	843	965	147	1,197	298	1,019
4-COATESVILLE	91	193	1,067	1,113	1,080	1,144	.	.	.	1,144
4-ERIE	.	15	653	723	653	725	193	13	218	798

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[1] The "total patient" counts were generated by matching a cumulative roster of 1,478,370 unique OEF/OIF/OND Veterans who had been separated from active duty as of February 2012, with VA PTF and OPC databases for FY 2002 through 2nd Qtr FY 2012. The DoD DMDC identified and provided the identity of these Veterans to the VA EP on March 28, 2012.

[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 2nd Qtr FY 2012.

[5] The number for "Grand Total" (n= 245,658) indicates the sum of "Any Total Patients" (n=228,361) and "Vet Center PTSD" (n=49,450) after excluding duplicates (n=32,153).

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-JAMES E VAN ZANDT VAMC	1	26	882	1,012	882	1,013	98	215	7	1,059
4-LEBANON	65	155	1,434	1,554	1,439	1,569	372	994	87	1,728
4-PHILADELPHIA	80	232	2,730	2,951	2,731	2,958	337	643	170	3,080
4-PITTSBURGH-UNIV DR	107	280	914	1,093	949	1,212	819	994	548	1,829
4-WILKES BARRE	30	128	1,171	1,339	1,173	1,351	415	1,220	570	1,563
4-WILMINGTON	2	12	766	835	766	835	431	1,041	91	1,029
VISN 4	399	1,076	9,740	10,734	9,752	10,822	2,812	6,317	1,989	12,091
5-BALTIMORE	88	198	1,751	2,052	1,760	2,074	410	2,389	340	2,245
5-MARTINSBURG	65	167	1,560	1,643	1,560	1,646	189	168	56	1,699
5-WASHINGTON	68	189	2,697	3,065	2,705	3,096	910	1,667	653	3,499
VISN 5	214	519	5,687	6,377	5,698	6,410	1,509	4,224	1,049	7,008
6-ASHEVILLE-OTEEN	93	163	722	815	728	832	.	.	.	832
6-BECKLEY	.	16	658	682	658	682	218	27	100	750
6-DURHAM	150	255	2,088	2,297	2,093	2,332	630	7,445	132	2,596
6-FAYETTEVILLE NC	146	293	3,345	3,831	3,357	3,851	396	24,895	80	3,970
6-HAMPTON	73	137	2,015	2,251	2,016	2,259	339	4,382	492	2,430
6-RICHMOND	83	266	2,086	2,347	2,097	2,442	369	1,670	202	2,645
6-SALEM	138	227	1,017	1,140	1,053	1,204	68	11	3	1,217
6-SALISBURY	254	376	3,151	3,842	3,155	3,862	545	3,292	296	4,107
VISN 6	874	1,567	13,631	15,221	13,652	15,333	2,652	41,837	1,333	16,383
7-ATLANTA	133	306	3,848	4,256	3,850	4,275	631	3,095	213	4,565
7-AUGUSTA	167	366	1,866	2,016	1,873	2,072	.	.	.	2,072
7-BIRMINGHAM	4	165	2,310	2,566	2,310	2,598	350	3,014	148	2,734
7-CHARLESTON	52	183	2,779	3,207	2,784	3,232	636	9,078	487	3,471
7-COLUMBIA SC	53	187	3,189	3,482	3,194	3,490	648	4,167	67	3,772
7-DUBLIN	.	41	1,191	1,330	1,191	1,332	60	.	21	1,363
7-MONTGOMERY	141	294	2,697	3,017	2,714	3,050	115	13	6	3,079
7-TUSCALOOSA	120	184	1,460	1,507	1,468	1,520	.	.	.	1,520
VISN 7	638	1,577	17,731	19,477	17,739	19,560	2,440	19,367	942	20,436
8-BAY PINES	108	257	2,076	2,251	2,081	2,269	375	1,566	117	2,371
8-MIAMI	78	211	2,172	2,384	2,176	2,400	675	1,924	1,318	2,754
8-N FL/S GA HCS	97	330	3,151	3,597	3,159	3,631	798	4,865	425	3,968
8-ORLANDO FL VAMC	.	.	2,974	3,286	2,974	3,286	563	2,253	287	3,490
8-SAN JUAN PR	77	320	1,450	1,769	1,451	1,785	432	4,195	1,186	1,967
8-TAMPA	153	606	2,491	3,118	2,513	3,335	179	405	118	3,404
8-W PALM BEACH	82	205	1,124	1,238	1,128	1,257	243	91	96	1,333
VISN 8	573	1,831	13,770	15,486	13,783	15,691	3,265	15,299	3,547	16,930
9-HUNTINGTON	.	34	891	977	891	979	295	1,472	152	1,136
9-LEXINGTON-LEESTOWN	88	296	1,617	1,747	1,621	1,785	150	544	62	1,844
9-LOUISVILLE	63	223	1,320	1,517	1,329	1,560	96	1,449	37	1,593
9-MEMPHIS	108	203	1,537	1,782	1,544	1,801	582	1,928	131	2,154
9-MOUNTAIN HOME	104	252	1,857	2,040	1,858	2,045	503	685	174	2,230
9-VA MID TENN HCS NASH TN	325	679	3,818	4,235	3,834	4,310	769	762	157	4,636

OEF/OIF/OND Veterans Coded with Potential PTSD
Cumulative from FY 2002 – 2nd Qtr FY 2012, Released June 2012

5

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	
VISN 9	670	1,606	10,539	11,697	10,563	11,817	2,395	6,840	713	12,862
10-CHILLICOTHE	87	222	874	965	887	1,010	.	.	.	1,010
10-CINCINNATI	90	204	1,660	1,790	1,663	1,812	111	2,649	637	1,841
10-CLEVELAND-WADE PARK	70	261	2,518	2,776	2,519	2,805	233	1,702	1,588	2,873
10-COLUMBUS-IOC	.	.	1,256	1,438	1,256	1,438	330	83	271	1,595
10-DAYTON	106	232	1,242	1,402	1,254	1,436	100	32	33	1,479
VISN 10	345	874	7,025	7,760	7,039	7,829	774	4,466	2,529	8,093
11-ANN ARBOR HCS	71	181	1,702	1,902	1,711	1,931	138	222	24	1,979
11-BATTLE CREEK	188	292	1,924	2,094	1,934	2,121	371	1,097	66	2,281
11-DETROIT VAMC	44	137	1,123	1,387	1,134	1,414	352	978	76	1,572
11-ILLIANA HCS DANVILLE IL	45	149	1,373	1,608	1,373	1,620	190	1,474	1,469	1,687
11-INDIANAPOLIS-10TH ST	97	215	1,783	2,043	1,791	2,067	89	2,015	340	2,105
11-NORTHERN INDIANA HCS	42	128	1,145	1,294	1,150	1,306	167	1,054	258	1,379
11-SAGINAW	.	14	1,342	1,497	1,342	1,498	117	1	50	1,532
VISN 11	453	1,003	9,349	10,500	9,358	10,553	1,424	6,841	2,283	11,052
12-HINES	85	289	2,029	2,143	2,033	2,187	272	194	176	2,309
12-IRON MOUNTAIN	1	11	475	555	475	555	63	167	162	576
12-MADISON	64	200	1,061	1,199	1,069	1,242	138	31,984	465	1,315
12-MILWAUKEE	91	280	2,125	2,352	2,130	2,372	214	256	478	2,459
12-NORTH CHICAGO	64	149	1,079	1,328	1,097	1,355	181	858	151	1,473
12-TOMAH	53	136	1,080	1,203	1,083	1,217	50	35	19	1,244
12-VA CHICAGO HCS	84	171	1,331	1,536	1,337	1,554	287	465	604	1,700
VISN 12	404	1,109	8,299	9,270	8,321	9,360	1,222	33,959	2,065	9,820
15-VA HEARTLAND-E VH MO	206	500	3,714	4,110	3,720	4,145	569	2,951	774	4,386
15-VAMC HEARTLAND-W KANSAS MO	567	978	5,254	5,821	5,366	5,978	564	8,121	1,203	6,196
VISN 15	758	1,444	8,814	9,749	8,918	9,922	1,133	11,072	1,977	10,365
16-ALEXANDRIA	64	216	1,369	1,552	1,379	1,585	28	8	4	1,599
16-FAYETTEVILLE AR	90	233	1,688	1,819	1,691	1,847	209	176	102	1,941
16-GULF COAST HCS	81	189	2,364	2,619	2,370	2,643	926	3,429	109	3,137
16-HOUSTON	388	594	3,915	4,183	3,938	4,226	388	811	134	4,379
16-JACKSON	56	136	995	1,184	1,000	1,204	192	735	239	1,268
16-LITTLE ROCK	328	523	2,981	3,211	3,001	3,249	413	784	563	3,382
16-MUSKOGEE	67	182	1,517	1,640	1,523	1,662	316	13	65	1,812
16-OKLAHOMA CITY	108	302	2,387	2,689	2,396	2,742	399	578	129	2,892
16-SHREVEPORT	95	188	1,535	1,657	1,539	1,670	412	5,154	40	1,888
16-SOUTHEAST LA HCS	3	5	1,811	2,045	1,811	2,045	570	2,654	315	2,373
VISN 16	1,204	2,348	19,254	21,079	19,295	21,227	3,853	14,342	1,700	22,866
17-DALLAS	211	493	5178	5574	5183	5599	815	1379	277	5991
17-SAN ANTONIO	157	423	4872	5480	4877	5497	1316	4334	641	6054
17-VA CENTRAL TEXAS HCS	309	493	6283	6958	6297	6981	1287	30469	1344	7537
VISN 17	666	1,376	16,100	17,736	16,119	17,793	3,518	36,216	2,285	19,259
18-AMARILLO HCS	4	46	955	1,025	955	1,028	286	129	155	1,137
18-EL PASO HCS	.	.	1,500	1,652	1,500	1,652	93	1,152	482	1,689

OEF/OIF/OND Veterans Coded with Potential PTSD
Cumulative from FY 2002 – 2nd Qtr FY 2012, Released June 2012

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-NEW MEXICO HCS	106	228	2,266	2,446	2,268	2,460	695	653	273	2,714
18-NORTHERN ARIZONA HCS	2	11	710	770	710	770	213	83	67	859
18-PHOENIX	195	426	4,131	4,520	4,143	4,562	556	2,760	243	4,744
18-SOUTHERN ARIZONA HCS	229	381	1,952	2,204	1,968	2,250	346	4,387	1,142	2,399
18-WEST TEXAS HCS	1	12	770	851	770	851	166	97	229	917
VISN 18	510	1,039	11,583	12,653	11,595	12,718	2,355	9,261	2,591	13,517
19-CHEYENNE	1	12	941	1,029	941	1,029	339	645	385	1,187
19-DENVER	317	486	4,854	5,577	4,870	5,616	870	7,384	1,728	5,886
19-FORT HARRISON	34	94	1,628	1,807	1,629	1,808	537	1,705	357	2,012
19-GRAND JUNCTION	23	39	432	459	432	461	68	5	16	491
19-SALT LAKE CITY HTHCARE	129	315	2,483	2,810	2,487	2,829	537	2,593	850	3,069
19-SHERIDAN	130	199	742	836	749	845	.	.	.	845
VISN 19	588	1,051	10,390	11,737	10,406	11,782	2,351	12,332	3,336	12,619
20-ALASKA HCS & RO	.	.	850	960	850	960	551	2,464	2,042	1,254
20-BOISE	48	95	733	915	740	928	349	773	1,129	1,142
20-PORTLAND	136	366	3,387	3,883	3,388	3,917	693	1,475	773	4,143
20-PUGET SOUND HCS	501	685	5,278	5,871	5,358	5,966	1,288	8,856	2,038	6,558
20-S.ORG REHAB WHITE CITY	.	.	588	629	588	629	96	50	154	663
20-SPOKANE	39	109	1,037	1,180	1,040	1,190	375	2,137	2,844	1,362
20-VA ROSEBURG HCS	220	238	981	1,069	1,043	1,129	245	3,961	122	1,196
20-WALLA WALLA	7	7	787	892	787	892	3	1	3	893
VISN 20	883	1,385	12,671	14,228	12,719	14,308	3,600	19,717	9,105	15,760
21-CENTRAL CALIFORNIA HCS	63	156	1,123	1,265	1,124	1,277	243	1,771	226	1,358
21-HONOLULU	29	55	1,439	1,604	1,441	1,611	288	1,244	2,862	1,729
21-MANILA	.	.	213	237	213	237	.	.	.	237
21-NCHC MARTINEZ	34	125	2,845	3,500	2,846	3,511	856	2,135	904	3,834
21-PALO ALTO-PALO ALTO	141	461	2,796	3,092	2,817	3,207	408	4,558	1,443	3,303
21-SAN FRANCISCO	36	136	1,267	1,370	1,270	1,413	256	455	502	1,484
21-SIERRA NEVADA HCS	29	106	806	876	808	889	141	1,361	73	938
VISN 21	319	988	9,776	11,042	9,796	11,173	2,192	11,524	6,010	11,844
22-GREATER LA HCS	122	327	3,991	4,665	3,995	4,703	660	2,845	1,978	4,936
22-LOMA LINDA	143	414	3019	3515	3025	3558	566	8116	649	3817
22-VA LONG BEACH HCS CA	84	207	3,170	3,477	3,175	3,492	494	339	1,103	3,822
22-VA SAN DIEGO HCS CA	101	396	4,497	5,100	4,504	5,144	769	6,140	3,915	5,404
22-VA SOUTHERN NEVADA HCS	58	139	1,355	1,525	1,365	1,550	280	31	742	1,673
VISN 22	488	1,395	15,103	17,061	15,126	17,176	2,769	17,471	8,387	18,209
23-FARGO	39	90	1,075	1,270	1,076	1,272	251	1,612	383	1,361
23-FORT MEADE	17	44	570	632	570	636	102	689	155	679
23-MINNEAPOLIS	53	283	1,810	2,181	1,813	2,247	488	1,477	539	2,510
23-SIOUX FALLS	15	83	676	808	676	813	340	1,146	1,552	991
23-ST CLOUD	56	163	1,333	1,419	1,335	1,430	.	.	.	1,430
23-VA NEB-WESTERN IA HCS	183	493	4,520	4,929	4,522	4,960	743	3,153	1,271	5,191

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	
VISN 23[6]	353	1,109	9,269	10,398	9,272	10,470	1,924	8,077	3,900	11,218
Unique Counts										
	11,141	24,487	206,171	227,332	206,350	228,361	49,450	314,004	74,031	245,658

OEF/OIF/OND Veterans Coded with Potential PTSD
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