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 2nd Qtr FY 2014 (October 1, 2001 – March 31, 2014)

Table of Contents

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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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 2nd Qtr FY 2014 (October 1, 2001 – March 31, 2014).

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 April 9, 2014, there are a total of 1,791,420 unique OEF/OIF/OND Veterans (including 5,851 Veterans who died in-theater) who, as of February 2014, 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 March 31, 2014 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 – 2nd 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 June 6, 2014 by the Readjustment Counseling Service (RCS). The RCS staff matched the DMDC roster with Vet Center users' records through 2nd 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 February 2014 DMDC roster yielded a total of 324,204 OEF/OIF/OND Veterans coded with PTSD at a VAMC and 82,617 Veterans who received Vet Center service for PTSD. Of these, 268,281 were seen only at a VAMC; 26,694 only at a Vet Center; and 55,923 were seen at both facilities. In summary, based on the electronic patient records available through March 31, 2014, a grand total of 350,898 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 2002-2nd Qtr FY 2014[1]

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	118	376	1,484	1,679	1,497	1,715	233	169	366	1,826
1-BOSTON	292	896	3,313	3,872	3,338	4,009	1,446	212	4,071	4,751
1-MANCHESTER	.	.	1,363	1,551	1,363	1,551	650	57	1419	1,890
1-NORTHAMPTON	382	470	1,568	1,758	1,642	1,836	439	1,646	969	2,018
1-PROVIDENCE	90	237	1,564	1,736	1,568	1,757	649	147	2,471	2,049
1-TOGUS	87	212	1,711	1,907	1,716	1,921	1,209	1,099	1,139	2,447
1-WEST HAVEN	94	286	3,366	3,583	3,366	3,609	961	323	2,402	3,902
1-WHITE RIVER JCT	82	220	1,315	1,522	1,320	1,550	1,214	308	829	2,301
VISN 1	1,007	2,230	13,652	15,074	13,667	15,192	6,801	3,961	13,666	17,884
2-UPSTATE N.Y. HCS	453	891	7,318	8,073	7,337	8,120	2,124	7,097	8,957	9,115
VISN 2	453	891	7,318	8,073	7,337	8,120	2,124	7,097	8,957	9,115
3-BRONX	81	196	1,398	1,571	1,404	1,596	251	201	185	1,682
3-EAST ORANGE	206	408	3,458	3,813	3,465	3,848	1,864	22,742	1,634	4,999
3-MONTROSE VA HUDSON HCS NY	115	179	1,360	1,450	1,363	1,457	292	99	636	1,588
3-N.Y. HARBOR HCS	94	355	3,103	3,537	3,110	3,580	831	1,298	1,330	3,937
3-NORTHPORT	103	248	1,455	1,654	1,457	1,666	247	36	308	1,724
VISN 3	565	1,270	9,851	10,890	9,868	10,961	3,485	24,376	4,093	12,619
4-BUTLER	.	.	712	808	712	808	.	.	.	808
4-CLARKSBURG	64	182	1,190	1,322	1,193	1,348	280	1,233	414	1,449
4-COATESVILLE	138	310	1,556	1,639	1,577	1,684	.	.	.	1,684
4-ERIE	.	21	814	898	814	900	247	43	350	993
4-JAMES E VAN ZANDT VAMC	1	38	1,235	1,408	1,235	1,409	180	227	11	1,495
4-LEBANON	88	249	1,952	2,114	1,957	2,134	496	1,195	106	2,345
4-PHILADELPHIA	130	366	3,654	4,082	3,656	4,103	507	657	216	4,297

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[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= 350,898) indicates the sum of "Any Total Patients" (n=324,204) and "Vet Center PTSD" (n=82,617) after excluding duplicates (n=55,923).

OEF/OIF/OND Veterans Coded with Potential or Provisional PTSD
Cumulative from FY 2002 – 2nd Qtr FY 2014, Released June 2014   4

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	167	466	1,367	1,643	1,413	1,815	1,005	1,133	664	2,558
4-WILKES BARRE	39	177	1,548	1,766	1,550	1,779	621	1,362	599	2,121
4-WILMINGTON		[1] 23	1,114	1,221	1,114	1,221	580	1,033	153	1,482
VISN 4	598	1,688	13,311	14,746	13,326	14,869	3,916	6,883	2,513	16,605
5-BALTIMORE	131	304	2,453	2,831	2,463	2,863	735	2,485	432	3,182
5-MARTINSBURG	81	238	2,246	2,358	2,247	2,363	239	177	93	2,431
5-WASHINGTON	94	310	3,944	4,565	3,955	4,612	1,369	2,058	784	5,240
VISN 5	292	790	8,164	9,179	8,178	9,229	2,343	4,720	1,309	10,178
6-ASHEVILLE-OTEEN	136	275	1,120	1,286	1,129	1,326	.	.	.	1,326
6-BECKLEY	.	21	866	915	866	915	265	29	104	996
6-DURHAM	195	370	2,925	3,255	2,932	3,310	994	8,204	317	3,798
6-FAYETTEVILLE NC	220	455	5,525	6,349	5,543	6,388	1,388	25,650	611	7,201
6-HAMPTON	107	228	3,096	3,598	3,098	3,619	670	5,647	747	3,973
6-RICHMOND	123	446	3,274	3,765	3,293	3,919	519	1,871	275	4,172
6-SALEM	226	352	1,555	1,763	1,596	1,837	88	12	10	1,851
6-SALISBURY	393	598	4,605	5,485	4,611	5,523	830	3,950	643	5,902
VISN 6	1,302	2,474	20,798	23,544	20,824	23,733	5,210	46,378	2,948	26,272
7-ATLANTA	196	525	5,676	6,311	5,680	6,332	1,044	3,417	314	6,800
7-AUGUSTA	226	499	2,673	2,922	2,688	3,011	.	.	.	3,011
7-BIRMINGHAM	[1]	250	3,324	3,672	3,324	3,718	504	3,305	205	3,943
7-CHARLESTON	79	332	4,667	5,314	4,671	5,346	1,192	10,034	803	5,898
7-COLUMBIA SC	110	317	4,748	5,188	4,753	5,200	998	4,297	314	5,632
7-DUBLIN	.	58	1,871	2,062	1,871	2,065	108	15	84	2,115
7-MONTGOMERY	210	423	3,978	4,464	3,999	4,505	223	83	14	4,563
7-TUSCALOOSA	217	336	1,828	1,892	1,845	1,924	.	.	.	1,924
VISN 7	1,000	2,518	26,172	28,820	26,181	28,925	4,069	21,151	1,734	30,454
8-BAY PINES	160	422	3,123	3,410	3,130	3,437	606	1,751	232	3,615
8-MIAMI	124	344	3,158	3,465	3,167	3,502	964	2,383	1,451	3,951
8-N FL/S GA HCS	135	522	4,649	5,292	4,659	5,338	1,125	5,767	690	5,820
8-ORLANDO FL VAMC	.	.	4,790	5,343	4,790	5,343	972	2,881	388	5,667
8-SAN JUAN PR	107	463	2,076	2,439	2,077	2,461	686	4,383	1,559	2,704
8-TAMPA	198	935	3,482	4,290	3,507	4,608	345	741	288	4,750
8-W PALM BEACH	128	328	1,751	1,931	1,755	1,962	344	495	128	2,065
VISN 8	816	2,849	20,619	23,119	20,637	23,433	5,042	18,401	4,736	25,196
9-HUNTINGTON	.	62	1,094	1,202	1,094	1,205	438	1,507	194	1,470
9-LEXINGTON-LEESTOWN	113	413	2,156	2,348	2,162	2,405	219	563	128	2,493
9-LOUISVILLE	72	301	1,878	2,221	1,888	2,271	159	2,549	58	2,346
9-MEMPHIS	159	349	2,178	2,501	2,186	2,533	734	2,029	193	2,935
9-MOUNTAIN HOME	145	351	2,592	2,839	2,594	2,847	688	653	203	3,101
9-VA MID TENN HCS NASH TN	495	1,110	6,125	6,766	6,147	6,886	1,090	1,231	186	7,316
VISN 9	956	2,458	15,219	16,936	15,249	17,112	3,328	8,532	962	18,531
10-CHILLICOTHE	124	372	1,207	1,350	1,223	1,414	.	.	.	1,414
10-CINCINNATI	151	351	2,412	2,635	2,416	2,673	186	3,077	723	2,739

OEF/OIF/OND Veterans Coded with Potential or Provisional PTSD
Cumulative from FY 2002 – 2nd Qtr FY 2014, Released June 2014

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	93	404	3,572	3,954	3,574	3,993	503	2,241	1,745	4,169
10-COLUMBUS-IOC	.	.	1,824	2,093	1,824	2,093	463	87	302	2,318
10-DAYTON	154	369	1,812	2,053	1,828	2,109	138	36	60	2,161
VISN 10	508	1,402	9,947	11,045	9,960	11,138	1,290	5,441	2,830	11,593
11-ANN ARBOR HCS	108	298	2,495	2,827	2,509	2,883	237	223	31	2,975
11-BATTLE CREEK	298	466	2,838	3,126	2,848	3,161	668	1,371	76	3,463
11-DETROIT VAMC	68	269	1,539	1,978	1,552	2,036	567	1,068	93	2,314
11-ILLIANA HCS DANVILLE IL	77	204	1,868	2,167	1,872	2,181	374	1,547	1,491	2,332
11-INDIANAPOLIS-10TH ST	141	335	2,409	2,794	2,425	2,841	155	2,335	396	2,916
11-NORTHERN INDIANA HCS	56	187	1,679	1,899	1,687	1,921	245	1,059	292	2,022
11-SAGINAW	.	28	1,868	2,095	1,868	2,095	205	56	74	2,161
VISN 11	700	1,591	13,116	14,844	13,135	14,940	2,451	7,659	2,453	15,857
12-HINES	132	458	2,749	2,930	2,757	2,996	482	288	232	3,221
12-IRON MOUNTAIN	1	17	635	752	635	752	90	153	196	785
12-MADISON	98	320	1,543	1,745	1,555	1,809	897	30,440	1,207	2,574
12-MILWAUKEE	133	418	2,917	3,199	2,923	3,226	438	297	526	3,401
12-NORTH CHICAGO	82	220	1,641	1,932	1,662	1,966	291	912	184	2,163
12-TOMAH	84	205	1,579	1,749	1,583	1,764	149	37	42	1,849
12-VA CHICAGO HCS	133	293	1,985	2,278	1,991	2,306	385	667	654	2,491
VISN 12	610	1,720	11,593	12,878	11,618	12,997	2,814	32,820	3,061	14,419
15-VA HEARTLAND-E VH MO	282	775	4,960	5,576	4,976	5,649	819	3,306	878	5,998
15-VAMC HEARTLAND-W KANSAS MO	865	1,558	8,140	9,150	8,313	9,374	1,063	9,793	1,323	9,824
VISN 15	1,124	2,282	12,859	14,439	13,025	14,702	1,882	13,099	2,201	15,472
16-ALEXANDRIA	112	360	2,121	2,385	2,134	2,444	48	11	1	2,459
16-FAYETTEVILLE AR	158	372	2,467	2,659	2,474	2,690	405	171	139	2,877
16-GULF COAST HCS	117	260	3,480	3,885	3,488	3,918	1,122	3,933	214	4,472
16-HOUSTON	632	1,036	6,019	6,524	6,051	6,610	586	800	180	6,827
16-JACKSON	101	240	1,578	1,844	1,587	1,879	286	2,562	238	1,983
16-LITTLE ROCK	448	764	3,798	4,062	3,821	4,120	507	819	604	4,294
16-MUSKOGEE	100	285	2,191	2,361	2,199	2,390	439	19	83	2,599
16-OKLAHOMA CITY	181	491	3,515	4,060	3,535	4,141	641	854	192	4,371
16-SHREVEPORT	168	311	2,153	2,329	2,173	2,368	598	5,739	94	2,706
16-SOUTHEAST LA HCS	1	1	2,591	2,908	2,591	2,908	737	3,013	374	3,303
VISN 16	1,875	3,711	27,856	30,651	27,913	30,877	5,369	17,921	2,124	33,056
17-DALLAS	283	756	7,536	8,236	7,546	8,281	1,263	1,478	387	8,805
17-SAN ANTONIO	261	749	7,002	7,955	7,011	8,006	1,999	5,543	797	8,965
17-TX VALLEY COASTAL BEND HCS	.	.	2,054	2,392	2,054	2,392	.	.	.	2,392
17-VA CENTRAL TEXAS HCS	504	837	9,677	10,812	9,697	10,854	2,837	42,982	2,586	12,281
VISN 17	1,032	2,289	24,380	27,152	24,407	27,273	6,334	50,089	3,828	30,015
18-AMARILLO HCS	1	65	1,455	1,552	1,455	1,557	381	119	160	1,697
18-EL PASO HCS	.	.	2,475	3,013	2,475	3,013	284	6,958	617	3,137
18-NEW MEXICO HCS	148	352	3,178	3,430	3,180	3,447	1,012	646	321	3,816
18-NORTHERN ARIZONA HCS	1	16	1,043	1,165	1,043	1,165	279	84	74	1,272

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	332	673	5,877	6,479	5,892	6,535	1,154	3,036	322	6,895
18-SOUTHERN ARIZONA HCS	342	590	2,679	3,033	2,702	3,101	543	5,666	1,267	3,368
18-WEST TEXAS HCS	[1]	12	1,209	1,340	1,209	1,340	254	96	247	1,428
VISN 18	791	1,613	16,777	18,643	16,790	18,730	3,907	16,605	3,008	20,021
19-CHEYENNE	[1]	20	1,418	1,557	1,418	1,558	543	715	416	1,798
19-DENVER	418	699	7,317	8,471	7,338	8,527	1,740	9,716	1,857	9,141
19-FORT HARRISON	87	195	2,245	2,489	2,248	2,496	862	1,742	484	2,835
19-GRAND JUNCTION	30	60	567	603	567	608	122	[1]	15	658
19-SALT LAKE CITY HTHCARE	183	491	3,503	3,922	3,506	3,951	861	2,880	1,033	4,317
19-SHERIDAN	164	287	1,018	1,166	1,028	1,183	.	.	.	1,183
VISN 19	826	1,608	14,993	16,955	15,012	17,024	4,128	15,060	3,805	18,514
20-ALASKA HCS & RO	.	.	1,296	1,487	1,296	1,487	1,008	3,067	2,965	2,037
20-BOISE	59	130	1,150	1,403	1,158	1,420	580	774	1,158	1,738
20-PORTLAND	227	590	4,863	5,487	4,869	5,542	1,021	1,359	1,053	5,854
20-PUGET SOUND HCS	561	863	7,597	8,540	7,668	8,632	2,162	10,338	2,937	9,701
20-S.ORG REHAB WHITE CITY	.	.	897	946	897	946	148	61	173	997
20-SPOKANE	60	162	1,492	1,708	1,495	1,720	845	935	3,972	2,183
20-VA ROSEBURG HCS	249	277	1,333	1,453	1,401	1,517	488	3,396	599	1,743
20-WALLA WALLA	[1]	[1]	1,078	1,222	1,078	1,222	21	14	22	1,226
VISN 20	1,086	1,895	18,082	20,295	18,132	20,388	6,273	19,944	12,879	22,941
21-CENTRAL CALIFORNIA HCS	96	233	1,574	1,795	1,575	1,815	375	1,730	328	1,952
21-HONOLULU	40	88	2,018	2,275	2,022	2,288	582	2,770	3,443	2,544
21-MANILA	.	.	357	400	357	400	.	.	.	400
21-NCHC MARTINEZ	73	231	4,159	5,056	4,166	5,079	1,313	2,405	1,142	5,594
21-PALO ALTO-PALO ALTO	220	682	4,008	4,446	4,039	4,606	861	5,398	1,968	4,919
21-SAN FRANCISCO	50	195	1,797	1,972	1,800	2,026	357	533	601	2,124
21-SIERRA NEVADA HCS	44	153	1,169	1,281	1,171	1,303	226	1,539	168	1,391
VISN 21	505	1,500	13,955	15,802	13,983	15,994	3,714	14,375	7,650	17,233
22-GREATER LA HCS	177	496	5,741	6,631	5,746	6,699	1,312	3,957	2,607	7,230
22-LOMA LINDA	203	662	4,579	5,419	4,586	5,490	1,259	10,205	1,076	6,197
22-VA LONG BEACH HCS CA	130	360	4,496	4,955	4,503	4,989	749	467	1,200	5,407
22-VA SAN DIEGO HCS CA	138	614	6,932	7,989	6,940	8,048	1,410	8,733	4,654	8,613
22-VA SOUTHERN NEVADA HCS	103	255	2,281	2,570	2,292	2,601	438	93	844	2,770
VISN 22	723	2,242	22,409	25,451	22,438	25,617	5,168	23,455	10,381	27,632
23-FARGO	52	135	1,526	1,812	1,527	1,817	459	1,769	394	1,984
23-FORT MEADE	30	74	862	949	862	953	144	876	164	1,017
23-MINNEAPOLIS	70	401	2,525	3,017	2,530	3,107	736	1,927	638	3,519
23-SIOUX FALLS	24	129	926	1,086	926	1,097	484	1,579	1,555	1,333
23-ST CLOUD	69	229	1,855	1,946	1,857	1,956	.	.	.	1,956
23-VA NEB-WESTERN IA HCS	266	756	6,415	7,022	6,420	7,066	1,146	3,551	1,503	7,390

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]	495	1,647	12,969	14,498	12,974	14,598	2,969	9,702	4,254	15,709
Unique Counts										
	16,455	37,815	292,161	322,699	292,401	324,204	82,617	367,669	99,392	350,898

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