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 4th Qtr FY 2012 (October 1, 2001 – September 30, 2012)

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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 4th Qtr FY 2012 (October 1, 2001 – September 30, 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 October 31, 2012, there are a total of 1,557,026 unique OEF/OIF/OND Veterans (including 5,752 Veterans who died in-theater) who, as of August 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 September 30, 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 -4th Qtr FY 2012 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 December 11, 2012 by the Readjustment Counseling Service (RCS). The RCS staff matched the same DMDC roster with Vet Center users' records through 4th Qtr FY 2012. 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 August 2012 DMDC roster yielded a total of 250,242 OEF/OIF/OND Veterans coded with PTSD at a VAMC and 66,730 Veterans who received Vet Center service for PTSD. Of these, 206,621 were seen only at a VAMC; 23,109 only at a Vet Center; and 43,621 were seen at both facilities. In summary, based on the electronic patient records available through September 30, 2012, a grand total of 273,351 OEF/OIF/OND Veterans were seen for potential PTSD at VHA facilities following their return from Iraq or Afghanistan. Please note that the number of PTSD cases reported by the RCS for 4th Qtr FY 2012 shows a greater than expected increase over the number for 3rd Qtr FY 2012. RCS revised its method of enumeration to account more accurately for individuals who initially encountered RCS for Outreach or Other Issues and were subsequently coded for probable or possible PTSD.

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 2002-4th Qtr FY 2012[1]

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	88	261	1,086	1,219	1,094	1,243	216	101	245	1,365
1-BOSTON	206	642	2,575	3,019	2,592	3,130	1,006	144	2,910	3,601
1-MANCHESTER	.	.	1,026	1,151	1,026	1,151	407	44	1,181	1,350
1-NORTHAMPTON	263	324	1,061	1,230	1,125	1,301	369	1,612	840	1,468
1-PROVIDENCE	72	178	1,183	1,330	1,189	1,351	541	66	2,301	1,590
1-TOGUS	63	151	1,303	1,456	1,305	1,471	1,002	605	1,150	1,945
1-WEST HAVEN	69	207	2,591	2,763	2,592	2,779	883	259	2,093	3,070
1-WHITE RIVER JCT	70	151	1,088	1,234	1,093	1,256	1,191	294	734	2,056
VISN 1	742	1,615	10,545	11,662	10,559	11,764	5,615	3,125	11,454	14,160
2-UPSTATE N.Y. HCS	335	649	5,688	6,284	5,704	6,318	1,583	5,986	5,057	7,074
VISN 2	335	649	5,688	6,284	5,704	6,318	1,583	5,986	5,057	7,074
3-BRONX	67	138	1,059	1,181	1,065	1,203	190	68	157	1,266
3-EAST ORANGE	155	287	2,791	3,051	2,796	3,069	1,626	22,146	1,835	4,139
3-MONTROSE VA HUDSON HCS NY	81	130	1,038	1,110	1,040	1,116	230	67	384	1,230
3-N.Y. HARBOR HCS	79	285	2,506	2,823	2,513	2,860	645	1,054	1,061	3,154
3-NORTHPORT	85	201	1,141	1,311	1,143	1,325	178	30	246	1,375
VISN 3	444	962	7,893	8,689	7,907	8,740	2,869	23,365	3,683	10,219
4-BUTLER	.	.	535	604	535	604	.	.	.	604
4-CLARKSBURG	47	131	925	1,037	927	1,056	240	1,106	356	1,154
4-COATESVILLE	106	220	1,167	1,227	1,183	1,260	.	.	.	1,260
4-ERIE	.	16	696	768	696	770	220	11	223	854
4-JAMES E VAN ZANDT VAMC	1	32	959	1,108	959	1,109	120	229	1	1,168
4-LEBANON	70	182	1,563	1,692	1,568	1,710	427	982	92	1,897
4-PHILADELPHIA	85	255	2,930	3,187	2,931	3,195	404	618	169	3,342

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[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 1,557,026 unique OEF/OIF/OND Veterans who had been separated from active duty as of August 2012, with VA PTF and OPC databases for FY 2002 through 4th Qtr FY 2012. The DoD DMDC identified and provided the identity of these Veterans to the VA EP on October 31, 2012.

[3] The Vet Center counts were based on matching the DMDC OEF/OIF/OND roster with Vet Center users' records through 4th Qtr FY 2012.

[4] The number for "Grand Total" (n= 273,351) indicates the sum of "Any Total Patients" (n=250,242) and "Vet Center PTSD" (n=66,730) after excluding duplicates (n=43,621).

[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

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	129	328	1,010	1,217	1,057	1,359	890	1,014	584	2,016
4-WILKES BARRE	32	139	1,242	1,425	1,244	1,437	529	1,161	576	1,727
4-WILMINGTON	[1]	17	836	915	836	916	498	978	128	1,144
VISN 4	449	1,221	10,531	11,623	10,546	11,718	3,328	6,099	2,137	13,212
5-BALTIMORE	92	213	1,907	2,226	1,916	2,249	549	2,309	374	2,495
5-MARTINSBURG	69	186	1,715	1,805	1,717	1,811	212	167	70	1,875
5-WASHINGTON	72	210	2,967	3,383	2,975	3,418	1,060	1,680	656	3,910
VISN 5	224	570	6,236	6,990	6,248	7,029	1,821	4,156	1,100	7,780
6-ASHEVILLE-OTEEN	109	191	817	924	825	948	.	.	.	948
6-BECKLEY	.	18	709	738	709	738	235	27	91	808
6-DURHAM	161	281	2,270	2,501	2,278	2,541	863	7,413	247	2,976
6-FAYETTEVILLE NC	165	337	3,793	4,401	3,806	4,427	1,190	23,931	976	5,248
6-HAMPTON	85	157	2,272	2,583	2,275	2,593	462	4,468	588	2,848
6-RICHMOND	95	311	2,315	2,623	2,330	2,740	443	1,632	220	2,987
6-SALEM	160	259	1,156	1,305	1,196	1,373	69	11	[1]	1,385
6-SALISBURY	293	434	3,472	4,212	3,477	4,238	709	3,295	420	4,578
VISN 6	997	1,796	15,210	17,118	15,239	17,250	4,121	41,020	2,586	19,338
7-ATLANTA	145	364	4,310	4,774	4,312	4,797	810	3,102	236	5,176
7-AUGUSTA	186	401	2,014	2,172	2,023	2,233	.	.	.	2,233
7-BIRMINGHAM	[1]	184	2,548	2,825	2,548	2,861	416	3,019	206	3,042
7-CHARLESTON	60	214	3,245	3,720	3,249	3,746	1,003	8,858	699	4,261
7-COLUMBIA SC	58	208	3,544	3,858	3,549	3,865	819	4,057	186	4,247
7-DUBLIN	.	46	1,352	1,509	1,352	1,511	75	[1]	21	1,551
7-MONTGOMERY	148	326	2,898	3,275	2,915	3,312	136	24	[1]	3,345
7-TUSCALOOSA	137	212	1,549	1,601	1,559	1,615	.	.	.	1,615
VISN 7	704	1,784	19,580	21,543	19,588	21,635	3,259	19,065	1,356	22,937
8-BAY PINES	118	289	2,312	2,518	2,317	2,540	460	1,578	143	2,678
8-MIAMI	94	239	2,380	2,604	2,389	2,626	816	1,987	1,315	3,035
8-N FL/S GA HCS	105	368	3,431	3,914	3,440	3,951	971	4,940	526	4,393
8-ORLANDO FL VAMC	.	.	3,411	3,791	3,411	3,791	732	2,359	314	4,047
8-SAN JUAN PR	86	348	1,570	1,908	1,571	1,924	593	4,036	1,377	2,156
8-TAMPA	159	675	2,706	3,375	2,730	3,611	225	494	152	3,703
8-W PALM BEACH	89	228	1,262	1,403	1,266	1,424	277	193	92	1,515
VISN 8	624	2,035	15,248	17,158	15,265	17,383	4,074	15,587	3,919	18,908
9-HUNTINGTON	.	38	935	1,021	935	1,023	366	1,390	193	1,240
9-LEXINGTON-LEESTOWN	95	327	1,742	1,881	1,747	1,926	181	536	82	2,001
9-LOUISVILLE	64	248	1,440	1,676	1,449	1,722	136	1,741	61	1,789
9-MEMPHIS	123	245	1,684	1,940	1,693	1,968	654	1,964	166	2,359
9-MOUNTAIN HOME	115	280	2,043	2,248	2,044	2,255	573	653	187	2,466
9-VA MID TENN HCS NASH TN	369	790	4,275	4,726	4,296	4,824	854	1,028	157	5,182
VISN 9	745	1,838	11,566	12,825	11,595	12,978	2,764	7,312	846	14,211
10-CHILLICOTHE	99	251	955	1,057	968	1,105	.	.	.	1,105
10-CINCINNATI	103	244	1,849	1,998	1,852	2,025	153	2,656	681	2,077
10-CLEVELAND-WADE PARK	76	285	2,768	3,055	2,769	3,084	359	1,648	1,615	3,209

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	.	.	1,417	1,628	1,417	1,628	371	81	266	1,813
10-DAYTON	122	267	1,364	1,544	1,376	1,585	108	33	36	1,628
VISN 10	390	996	7,755	8,584	7,767	8,658	991	4,418	2,598	9,013
11-ANN ARBOR HCS	84	210	1,888	2,121	1,898	2,154	167	207	26	2,213
11-BATTLE CREEK	221	340	2,105	2,299	2,118	2,328	466	1,111	57	2,542
11-DETROIT VAMC	49	174	1,227	1,524	1,238	1,565	439	1,035	79	1,773
11-ILLIANA HCS DANVILLE IL	49	159	1,504	1,767	1,506	1,779	297	1,462	1,445	1,901
11-INDIANAPOLIS-10TH ST	110	249	1,913	2,227	1,921	2,256	134	2,031	366	2,322
11-NORTHERN INDIANA HCS	46	137	1,255	1,413	1,261	1,427	215	1,008	269	1,526
11-SAGINAW	.	18	1,478	1,647	1,478	1,648	146	.	45	1,692
VISN 11	520	1,149	10,216	11,509	10,225	11,567	1,864	6,854	2,287	12,253
12-HINES	100	321	2,199	2,324	2,203	2,369	327	197	176	2,523
12-IRON MOUNTAIN	1	14	516	606	516	606	75	151	178	635
12-MADISON	67	228	1,181	1,326	1,189	1,373	910	30,272	1,574	2,171
12-MILWAUKEE	106	316	2,312	2,549	2,318	2,571	301	246	437	2,688
12-NORTH CHICAGO	66	163	1,221	1,482	1,239	1,510	230	846	170	1,669
12-TOMAH	64	161	1,206	1,340	1,210	1,355	67	33	26	1,392
12-VA CHICAGO HCS	96	207	1,492	1,726	1,497	1,748	339	543	590	1,919
VISN 12	457	1,267	9,114	10,161	9,137	10,258	2,285	32,288	3,159	11,504
15-VA HEARTLAND-E VH MO	221	549	4,041	4,462	4,049	4,502	682	2,945	809	4,795
15-VAMC HEARTLAND-W KANSAS MO	637	1,105	5,910	6,599	6,039	6,777	857	8,103	1,307	7,198
VISN 15	841	1,614	9,777	10,853	9,898	11,047	1,539	11,048	2,116	11,733
16-ALEXANDRIA	74	244	1,508	1,707	1,519	1,747	31	10	1	1,760
16-FAYETTEVILLE AR	101	267	1,872	2,024	1,876	2,054	265	171	109	2,172
16-GULF COAST HCS	91	208	2,635	2,921	2,642	2,947	900	3,468	265	3,437
16-HOUSTON	458	682	4,401	4,706	4,426	4,755	445	793	140	4,929
16-JACKSON	70	168	1,136	1,338	1,141	1,363	255	1,854	234	1,462
16-LITTLE ROCK	360	575	3,175	3,411	3,193	3,451	473	740	568	3,616
16-MUSKOGEE	75	203	1,669	1,805	1,675	1,827	357	15	62	2,005
16-OKLAHOMA CITY	126	352	2,615	2,983	2,627	3,051	478	671	130	3,236
16-SHREVEPORT	117	225	1,685	1,826	1,690	1,841	572	5,053	103	2,190
16-SOUTHEAST LA HCS	1	1	1,988	2,234	1,988	2,234	656	2,676	344	2,610
VISN 16	1,382	2,652	21,208	23,243	21,251	23,414	4,432	15,451	1,958	25,342
17-DALLAS	239	563	5,645	6,107	5,653	6,135	949	1,357	298	6,596
17-SAN ANTONIO	171	489	5,291	5,940	5,296	5,966	1,589	4,371	667	6,689
17-TX VALLEY COASTAL BEND HCS	.	.	1,313	1,550	1,313	1,550	.	.	.	1,550
17-VA CENTRAL TEXAS HCS	352	570	7,016	7,803	7,032	7,832	2,509	30,839	2,501	9,225
VISN 17	749	1,586	17,811	19,678	17,833	19,751	5,177	36,635	3,500	22,192
18-AMARILLO HCS	1	50	1,054	1,146	1,054	1,149	317	118	154	1,268
18-EL PASO HCS	.	.	1,680	1,850	1,680	1,850	177	1,880	507	1,937
18-NEW MEXICO HCS	115	263	2,481	2,672	2,483	2,688	806	645	271	2,975
18-NORTHERN ARIZONA HCS	1	13	782	849	782	849	235	80	65	943
18-PHOENIX	244	503	4,601	5,040	4,612	5,083	764	2,719	285	5,342
18-SOUTHERN ARIZONA HCS	261	439	2,131	2,420	2,149	2,476	474	4,383	1,205	2,719

OEF/OIF/OND Veterans Coded with Potential PTSD
Cumulative from FY 2002 – 4th Qtr FY 2012, Released January 2013   6

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	866	955	866	955	194	93	231	1,031
VISN 18	598	1,205	12,796	13,994	12,807	14,065	2,967	9,918	2,718	15,112
19-CHEYENNE	¹	12	1,045	1,152	1,045	1,152	425	635	368	1,353
19-DENVER	338	520	5,398	6,236	5,415	6,275	1,378	7,508	1,756	6,814
19-FORT HARRISON	48	116	1,767	1,947	1,768	1,950	686	1,615	372	2,221
19-GRAND JUNCTION	26	45	461	489	461	491	89	¹	14	531
19-SALT LAKE CITY HTHCARE	141	352	2,703	3,055	2,706	3,077	682	2,554	907	3,376
19-SHERIDAN	141	225	822	930	830	943	.	.	.	943
VISN 19	644	1,164	11,416	12,924	11,432	12,974	3,260	12,319	3,417	14,224
20-ALASKA HCS & RO	.	.	964	1,090	964	1,090	758	2,348	2,168	1,503
20-BOISE	51	102	830	1,018	837	1,032	470	732	1,130	1,322
20-PORTLAND	168	424	3,727	4,257	3,729	4,297	858	1,305	858	4,580
20-PUGET SOUND HCS	522	748	5,803	6,459	5,876	6,550	1,720	8,367	2,489	7,436
20-S.ORG REHAB WHITE CITY	.	.	651	692	651	692	119	56	154	738
20-SPOKANE	43	122	1,162	1,317	1,166	1,328	711	831	3,873	1,724
20-VA ROSEBURG HCS	228	247	1,072	1,165	1,136	1,226	445	3,402	528	1,446
20-WALLA WALLA	¹	¹	864	977	864	977	¹	¹	11	979
VISN 20	950	1,532	13,962	15,636	14,006	15,716	5,088	17,045	11,211	17,902
21-CENTRAL CALIFORNIA HCS	68	173	1,223	1,383	1,224	1,398	322	1,665	283	1,525
21-HONOLULU	31	63	1,549	1,727	1,551	1,736	459	1,089	3,009	1,946
21-MANILA	.	.	245	268	245	268	.	.	.	268
21-NCHC MARTINEZ	45	152	3,170	3,882	3,175	3,897	1,095	2,006	944	4,339
21-PALO ALTO-PALO ALTO	157	518	3,098	3,427	3,121	3,560	713	4,444	1,753	3,827
21-SAN FRANCISCO	37	142	1,390	1,500	1,393	1,544	321	434	509	1,638
21-SIERRA NEVADA HCS	36	120	873	951	874	964	179	1,378	110	1,035
VISN 21	361	1,112	10,741	12,114	10,764	12,268	3,089	11,016	6,608	13,334
22-GREATER LA HCS	141	373	4,390	5,122	4,394	5,165	1,024	2,854	2,066	5,589
22-LOMA LINDA	164	472	3,349	3,923	3,357	3,971	1,028	7,889	889	4,605
22-VA LONG BEACH HCS CA	91	235	3,472	3,817	3,477	3,836	638	351	1,060	4,218
22-VA SAN DIEGO HCS CA	107	454	4,994	5,657	5,001	5,706	1,182	6,229	4,045	6,222
22-VA SOUTHERN NEVADA HCS	64	159	1,523	1,720	1,533	1,744	335	31	747	1,888
VISN 22	546	1,594	16,674	18,840	16,700	18,963	4,207	17,354	8,807	20,760
23-FARGO	42	102	1,185	1,402	1,186	1,404	345	1,576	371	1,536
23-FORT MEADE	23	52	629	693	629	697	118	685	163	748
23-MINNEAPOLIS	55	308	1,956	2,370	1,960	2,442	600	1,849	538	2,771
23-SIOUX FALLS	20	95	732	868	732	874	423	1,290	1,541	1,095
23-ST CLOUD	59	175	1,453	1,540	1,455	1,550	.	.	.	1,550
23-VA NEB-WESTERN IA HCS	207	555	5,006	5,475	5,009	5,509	911	3,201	1,356	5,786

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	
VISN 23[7]	393	1,234	10,158	11,397	10,162	11,472	2,397	8,601	3,969	12,408
Unique Counts	12,499	27,632	225,788	249,084	225,983	250,242	66,730[8]	308,662	84,486	273,351