



Released September 2018 by the Psychological Health Center of Excellence

NOTES:

- Data Source: Military Health System Data Repository (MDR)
- Date of Data Pull: May 2018
- Patients Diagnosed with a given condition is the total number of Active Duty and Active Guard/Reserve patients diagnosed for a given condition within a military treatment facility (direct care) during a given year. (Tables 1.1 - 1.7)
- To be counted in the Sum of Hospitalizations for a given condition metric, a patient needed to have at least one hospitalization (inpatient encounter) diagnosed with the condition of interest in the first or second diagnostic position (i.e., DX1 or DX2) within the direct care network during a given year. Once included, total hospitalizations for each patient by diagnosed condition within a given year were summed together for an overall count. (Tables 2.1 - 2.7)
- Bed Days per Hospitalization (BDPH) was calculated by dividing the sum of bed day for all hospitalizations for a given condition by the sum of hospitalizations for the same condition (Sum of Bed Days for Hospitalizations for Condition X/Sum of Hospitalizations for Condition X; Tables 3.1 - 3.7)

LIMITATIONS:

- All estimates only include patients that seek care for a given condition and are coded with a diagnosis for that condition; therefore, patients not seeking care or not coded with a given diagnosis are not able to be included in these estimates
- “Suppressed” cells indicate that counts were too small to report for that service, component, year, or condition of interest

1. Direct Care Patient Population Counts with Respective Mental Health Disorders

Table 1.1: Direct Care Patients with Adjustment Disorders by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Army	10,394	11,217	11,918	12,185	13,335	14,704	15,772	16,394	15,645	15,020	15,649	18,151	19,358
Air Force	26,503	29,344	36,889	48,773	56,110	61,296	66,525	69,170	60,175	54,488	52,658	53,103	50,027
Marines	3,511	3,680	4,384	5,851	6,341	7,398	9,091	9,706	9,539	8,670	8,501	8,694	8,891
Navy	7,471	7,787	8,553	9,570	9,967	10,758	11,791	12,600	12,637	13,042	14,814	17,118	18,693
Component													
ACT	41,516	46,060	54,967	67,851	76,750	85,450	94,502	99,623	90,611	84,357	85,370	90,587	90,861
GRD	6,363	5,968	6,777	8,528	9,003	8,706	8,677	8,247	7,385	6,863	6,252	6,479	6,108
TOTAL	47,879	52,028	61,744	76,379	85,753	94,156	103,179	107,870	97,996	91,220	91,622	97,066	96,969

Table 2.2: Direct Care Patients with **Alcohol Use Disorders** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Army	4,207	3,912	3,783	3,742	3,712	3,835	3,731	3,724	3,582	3,517	3,168	2,918	3,178
Air Force	12,055	14,283	14,796	17,720	20,209	19,935	17,630	17,840	15,640	14,179	14,031	13,244	14,056
Marines	3,275	3,804	4,309	4,838	5,189	5,420	5,247	5,184	4,613	3,884	3,381	3,215	3,314
Navy	7,715	7,375	6,872	6,476	6,415	5,898	5,765	5,695	5,398	6,165	6,041	5,267	5,382
Component													
ACT	25,581	27,852	28,119	30,974	33,663	33,345	30,876	31,028	28,001	26,624	25,620	23,763	24,961
GRD	1,671	1,522	1,641	1,802	1,862	1,743	1,497	1,415	1,232	1,121	1,001	881	969
TOTAL	27,252	29,374	29,760	32,776	35,525	35,088	32,373	32,443	29,233	27,745	26,621	24,644	25,930

Table 3.3: Direct Care Patients with **Anxiety Disorders** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Army	7,255	7,031	7,849	8,428	9,074	9,970	11,087	11,931	12,981	13,653	13,836	14,203	14,570
Air Force	11,494	12,289	17,239	23,015	27,575	30,856	35,377	39,240	38,021	37,515	36,194	32,236	29,665
Marines	2,186	2,148	2,586	3,318	4,160	4,578	5,484	6,449	6,699	6,394	6,380	5,839	5,488
Navy	5,517	5,100	5,789	6,338	6,829	7,584	8,753	9,449	9,925	10,474	10,876	11,361	11,349
Component													
ACT	23,215	23,547	29,700	36,279	42,377	47,427	54,667	60,805	61,800	62,322	62,345	59,214	56,709
GRD	3,237	3,021	3,763	4,820	5,261	5,561	6,034	6,264	5,826	5,714	4,941	4,425	4,363
TOTAL	26,452	26,568	33,463	41,099	47,638	52,988	60,701	67,069	67,626	68,036	67,286	63,639	61,072

Table 4.4: Direct Care Patients with **Depressive Disorders** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Army	11,793	11,536	11,202	11,119	11,227	11,628	11,795	11,514	10,972	11,573	11,442	11,080	10,992
Air Force	22,731	23,228	27,246	33,274	38,623	39,655	41,903	42,110	39,145	36,906	33,160	28,304	24,329
Marines	3,936	4,049	4,512	5,638	6,314	6,379	6,629	6,822	6,671	6,022	5,958	5,198	4,425
Navy	9,736	9,887	10,109	10,049	10,218	10,561	11,134	10,978	10,492	10,751	11,113	11,110	11,015
Component													
ACT	42,894	43,356	47,428	53,607	59,595	61,474	64,617	64,918	61,380	59,889	57,110	51,787	47,399
GRD	5,302	5,344	5,641	6,473	6,787	6,749	6,844	6,506	5,900	5,363	4,563	3,905	3,362
TOTAL	48,196	48,700	53,069	60,080	66,382	68,223	71,461	71,424	67,280	65,252	61,673	55,692	50,761

Table 5.5: Direct Care Patients with *Insomnia* by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Army	5,205	7,039	8,871	10,483	12,036	13,112	13,879	14,302	14,253	13,013	12,062	12,852	11,759
Air Force	8,169	12,544	18,795	26,680	32,601	38,591	43,257	44,556	41,566	36,545	35,149	38,407	37,206
Marines	802	1,259	2,097	2,892	3,579	4,357	5,118	5,667	5,647	5,033	5,009	5,216	4,958
Navy	2,693	3,631	4,454	5,066	6,079	6,574	7,179	7,458	7,977	7,303	7,208	8,304	8,308
Component													
ACT	14,896	21,697	30,548	40,561	48,707	56,238	62,861	65,622	63,774	57,394	55,570	60,841	58,465
GRD	1,973	2,776	3,669	4,560	5,588	6,396	6,572	6,361	5,669	4,500	3,858	3,938	3,766
TOTAL	16,869	24,473	34,217	45,121	54,295	62,634	69,433	71,983	69,443	61,894	59,428	64,779	62,231

Table 6.6: Direct Care Patients with *PTSD* by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Army	1,015	1,187	1,495	1,886	2,079	2,446	2,867	3,063	3,365	3,821	3,689	3,992	4,172
Air Force	7,813	8,795	12,608	17,705	19,594	21,019	23,067	24,597	23,354	21,524	19,400	18,493	16,374
Marines	1,681	1,857	2,768	3,652	3,720	4,097	4,309	4,568	4,072	3,613	3,359	2,935	2,562
Navy	1,414	1,591	2,051	2,351	2,602	2,769	2,990	3,121	3,022	3,277	3,439	3,504	3,723
Component													
ACT	9,932	11,498	16,485	22,118	24,578	26,760	29,333	31,493	30,255	29,146	27,479	26,704	24,761
GRD	1,991	1,932	2,437	3,476	3,417	3,571	3,900	3,856	3,558	3,089	2,408	2,220	2,070
TOTAL	11,923	13,430	18,922	25,594	27,995	30,331	33,233	35,349	33,813	32,235	29,887	28,924	26,831

Table 7.7: Direct Care Patients with *Substance Use Disorders* by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Army	350	318	313	375	445	509	478	467	512	513	484	292	301
Air Force	4,862	5,954	5,700	7,030	8,389	8,202	7,564	6,959	5,508	4,502	3,945	3,449	4,125
Marines	450	512	884	1,109	1,130	1,197	1,164	997	805	536	467	353	296
Navy	607	715	1,375	1,385	1,368	975	949	878	782	798	724	595	573
Component													
ACT	5,604	6,922	7,686	9,136	10,509	10,134	9,580	8,845	7,193	6,026	5,369	4,503	5,094
GRD	665	577	586	763	823	749	575	456	414	323	251	186	201
TOTAL	6,269	7,499	8,272	9,899	11,332	10,883	10,155	9,301	7,607	6,349	5,620	4,689	5,295

2. Direct Care Hospitalizations Among Patients with Respective Mental Health Disorders

Table 2.1: Direct Care Sum of Hospitalizations Among Patients with **Adjustment Disorders** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Army	359	386	323	307	358	320	272	348	271	270	300	362	479
Air Force	1,739	1,653	1,817	1,720	1,743	1,553	2,059	1,921	1,834	1,924	2,099	2,502	2,953
Marines	349	307	367	431	522	481	622	616	517	616	719	935	924
Navy	445	400	461	379	514	672	910	940	781	698	846	1,095	1,035
Component													
ACT	2,582	2,540	2,734	2,578	2,895	2,810	3,643	3,596	3,158	3,301	3,744	4,660	5,180
GRD	310	206	234	259	242	216	220	229	245	207	220	234	211
TOTAL	2,892	2,746	2,968	2,837	3,137	3,026	3,863	3,825	3,403	3,508	3,964	4,894	5,391

Table 2.2: Direct Care Sum of Hospitalizations Among Patients with **Alcohol Use Disorders** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Army	185	183	192	151	143	128	127	129	150	151	136	126	173
Air Force	831	1,116	1,427	1,546	1,212	1,008	1,163	1,236	1,188	1,138	1,114	1,049	1,178
Marines	283	317	411	527	417	380	404	365	305	368	326	265	333
Navy	502	534	549	513	410	407	425	416	487	572	602	401	563
Component													
ACT	1,650	2,016	2,411	2,559	2,050	1,799	2,007	2,041	2,008	2,126	2,097	1,764	2,166
GRD	151	134	168	178	132	124	112	105	122	103	81	77	81
TOTAL	1,801	2,150	2,579	2,737	2,182	1,923	2,119	2,146	2,130	2,229	2,178	1,841	2,247

Table 2.3: Direct Care Sum of Hospitalizations Among Patients with **Anxiety Disorders** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Army	57	62	58	49	56	68	67	67	90	96	87	118	126
Air Force	253	300	398	375	452	404	454	482	483	491	443	554	499
Marines	63	57	72	63	90	77	107	101	72	120	108	164	121
Navy	83	106	71	91	96	126	136	150	199	193	210	274	287
Component													
ACT	399	460	532	504	611	588	694	729	777	842	806	1,053	990
GRD	57	65	67	74	83	87	70	71	67	58	42	57	43
TOTAL	456	525	599	578	694	675	764	800	844	900	848	1,110	1,033

Table 2.4: Direct Care Sum of Hospitalizations Among Patients with **Depressive Disorders** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Army	272	218	229	237	209	285	240	230	273	249	246	304	324
Air Force	1,301	1,285	1,454	1,571	1,755	1,539	1,454	1,477	1,393	1,502	1,501	1,457	1,438
Marines	290	278	287	370	467	409	464	423	328	295	360	411	320
Navy	435	414	456	472	473	577	500	630	670	713	714	708	646
Component													
ACT	2,039	1,967	2,208	2,380	2,625	2,514	2,397	2,564	2,438	2,561	2,644	2,726	2,601
GRD	259	228	218	270	279	296	261	196	226	198	177	154	127
TOTAL	2,298	2,195	2,426	2,650	2,904	2,810	2,658	2,760	2,664	2,759	2,821	2,880	2,728

Table 2.5: Direct Care Sum of Hospitalizations Among Patients with **Insomnia** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Army	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed
Air Force	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed
Marines	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed
Navy	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed
Component													
ACT	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed
GRD	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed
TOTAL	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed

Table 2.6: Direct Care Sum of Hospitalizations Among Patients with **PTSD** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Army	29	26	41	27	33	48	45	56	78	74	80	71	58
Air Force	371	424	560	715	753	712	688	882	855	768	644	648	553
Marines	112	151	151	161	133	168	194	206	140	121	144	118	89
Navy	73	81	76	104	88	88	101	119	122	144	147	181	133
Component													
ACT	493	595	732	889	903	897	936	1,148	1,084	1,017	935	953	792
GRD	92	87	96	118	104	119	92	115	111	90	80	65	41
TOTAL	585	682	828	1,007	1,007	1,016	1,028	1,263	1,195	1,107	1,015	1,018	833

Table 2.7: Direct Care Sum of Hospitalizations Among Patients with **Substance Use Disorders** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Army	28	23	27	21	25	24	12	25	28	28	18	15	17
Air Force	340	514	543	607	510	474	589	492	379	370	331	307	319
Marines	41	74	93	136	99	105	142	118	65	49	60	49	46
Navy	61	84	87	89	61	73	114	88	88	83	76	79	95
Component													
ACT	406	638	679	783	624	617	817	689	520	501	459	432	456
GRD	64	57	71	70	71	59	40	34	40	29	26	18	21
TOTAL	470	695	750	853	695	676	857	723	560	530	485	450	477

3. Direct Care Average Bed Days per Hospitalization (BDPH) with Respective Mental Health Disorders

Table 3.1: Direct Care Average Bed Days per Hospitalization (BDPH) with **Adjustment Disorders** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Army	3.4	2.5	3.0	3.3	3.3	3.5	4.4	4.2	5.1	6.8	5.0	5.0	5.4
Air Force	5.0	4.8	4.7	4.7	4.9	4.9	5.1	5.9	6.1	6.0	5.9	6.0	5.7
Marines	3.8	3.5	4.3	4.6	5.4	4.2	4.2	3.5	4.0	3.8	3.9	4.0	3.8
Navy	4.2	4.6	4.7	4.5	4.2	4.0	4.1	3.4	3.6	3.9	4.2	4.5	4.4
Component													
ACT	4.4	4.3	4.4	4.5	4.7	4.4	4.6	4.7	5.1	5.2	5.0	5.1	5.0
GRD	6.1	4.3	4.7	4.3	5.2	4.6	5.1	4.8	5.8	6.2	6.8	6.5	7.0
TOTAL	4.5	4.3	4.5	4.5	4.7	4.5	4.7	4.7	5.1	5.3	5.1	5.2	5.1

Table 3.2: Direct Care Average Bed Days per Hospitalization (BDPH) with **Alcohol Use Disorders** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Army	3.8	4.2	4.5	4.1	4.6	5.1	6.9	7.2	9.4	7.2	7.3	7.5	7.2
Air Force	5.3	5.0	5.0	5.2	5.3	6.7	8.3	8.7	10.1	11.6	11.4	12.5	13.6
Marines	4.5	5.4	6.5	5.0	5.3	5.0	5.0	4.6	6.0	5.6	5.5	7.7	7.6
Navy	5.4	5.0	5.4	5.6	5.4	5.4	5.2	5.2	6.0	6.0	5.8	6.4	6.4
Component													
ACT	4.9	4.9	5.2	5.1	5.1	5.8	6.8	7.0	8.2	8.7	8.5	10.0	10.2
GRD	6.1	5.4	5.6	6.6	7.1	8.4	9.8	11.9	12.5	12.6	13.1	12.5	16.6
TOTAL	5.0	5.0	5.3	5.2	5.3	6.0	7.0	7.3	8.5	8.8	8.7	10.1	10.4

Table 3.6: Direct Care Average Bed Days per Hospitalization (BDPH) with **PTSD** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Army	8.3	7.1	5.4	7.7	6.2	8.6	5.7	4.3	7.0	8.3	8.6	6.2	7.3
Air Force	7.0	7.0	6.1	6.9	6.9	7.2	8.4	8.5	9.4	9.1	7.8	7.9	8.4
Marines	9.1	7.2	7.9	6.3	7.5	5.6	6.2	5.2	7.2	5.2	5.4	6.2	5.4
Navy	6.1	6.7	6.1	7.1	7.7	6.6	5.5	5.0	7.0	5.5	6.4	5.4	5.9
Component													
ACT	7.2	7.2	6.2	6.9	7.2	6.6	7.5	7.3	8.8	8.1	7.3	7.0	7.5
GRD	8.5	5.3	7.8	6.1	5.9	9.3	8.2	9.3	8.4	8.8	7.4	9.2	8.5
TOTAL	7.4	7.0	6.4	6.8	7.0	6.9	7.6	7.5	8.7	8.1	7.3	7.1	7.6

Table 3.7: Direct Care Average Bed Days per Hospitalization (BDPH) with **Substance Use Disorders** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Army	5.0	4.5	3.9	4.8	7.1	5.3	13.0	6.4	8.6	8.5	7.9	13.1	11.5
Air Force	6.4	6.9	6.2	5.3	7.0	8.1	9.3	10.2	12.3	13.9	13.7	16.2	14.3
Marines	4.9	7.5	5.5	6.4	5.6	6.2	6.0	5.4	7.1	5.7	4.7	7.1	6.6
Navy	6.4	5.1	5.8	5.2	6.7	6.7	6.3	5.9	7.7	5.6	7.8	8.7	5.4
Component													
ACT	5.9	6.8	5.9	5.4	6.8	7.3	8.2	8.6	10.4	11.5	11.3	13.7	11.6
GRD	8.1	5.8	7.0	6.0	6.7	9.6	12.0	11.9	15.2	12.1	13.5	16.2	14.6
TOTAL	6.2	6.7	6.0	5.5	6.8	7.5	8.4	8.7	10.8	11.6	11.4	13.8	11.7