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NOTES:

- Data Source: Military Health System Data Repository (MDR)
- Date of Data Pull: May 2018
- The first set of tables show the Hospitalization Rates (hospitalizations per 1,000 patients diagnosed; Tables 1.1 - 1.7). The second and third sets of tables show the denominator and numerator, respectively, which were used to calculate the rates shown in the first set of tables (Tables 2.1 - 2.7 and Tables 3.1 - 3.7 respectively)
- 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) or within a civilian setting (purchased care) during a given year. (Tables 2.1 - 2.7, denominator)
- 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 or purchased care networks 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 3.1 - 3.7; numerator)

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. Combined Direct and Purchased Care Hospitalizations per 1,000 Patients Diagnosed with Respective Mental Health Disorders

*Table 1.1: Direct and Purchased Care Hospitalizations per 1,000 Diagnosed with **Adjustment Disorders** by Calendar Year*

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Air Force	49.2	47.5	39.0	39.7	38.1	39.3	33.9	36.6	32.8	33.4	34.1	36.4	45.4
Army	80.5	67.7	66.3	50.5	48.3	42.1	44.9	40.6	40.3	46.3	47.6	54.8	72.0
Marines	103.1	84.4	86.8	77.4	83.7	69.6	73.6	68.7	69.4	85.7	91.3	122.2	121.8
Navy	86.0	69.4	77.6	82.2	86.1	89.5	89.6	85.1	70.4	59.4	64.2	70.2	62.5
Component													
ACT	80.4	69.1	67.8	57.3	55.8	50.9	52.7	49.1	46.6	50.8	52.9	61.8	71.6
GRD	52.9	37.7	38.5	38.0	39.4	36.1	33.7	33.0	36.7	38.2	40.9	39.8	42.6
TOTAL	76.1	64.7	64.0	54.8	53.8	49.3	50.8	47.6	45.7	49.7	51.9	60.0	69.4

Table 1.2: Direct and Purchased Care Hospitalizations per 1,000 Diagnosed with **Alcohol Use Disorders** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Air Force	166.7	165.4	156.8	154.8	152.1	175.7	192.1	209.2	209.7	208.6	205.8	217.6	242.6
Army	123.4	129.8	163.0	153.8	134.7	133.5	162.4	174.5	156.7	152.7	142.9	145.5	139.9
Marines	118.6	113.9	135.0	157.2	120.0	128.6	130.6	120.6	125.0	170.0	130.8	134.9	145.7
Navy	92.6	97.5	114.0	112.7	103.5	112.0	123.6	135.0	141.8	128.6	133.0	128.0	148.9
Component													
ACT	115.2	120.0	143.2	143.3	126.8	130.5	150.5	159.3	150.8	154.7	143.3	143.7	152.0
GRD	196.2	193.6	200.6	190.2	159.0	186.4	210.3	228.8	242.0	204.4	216.5	259.3	232.1
TOTAL	121.1	124.6	147.0	146.4	128.9	134.0	154.1	163.3	155.8	157.3	146.9	149.5	156.0

Table 1.3: Direct and Purchased Care Hospitalizations per 1,000 Diagnosed with **Anxiety Disorders** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Air Force	18.7	18.1	17.9	20.1	20.8	26.1	24.5	26.4	23.9	22.7	21.5	26.1	23.9
Army	30.7	34.3	33.6	27.3	28.4	27.5	32.3	27.5	21.9	20.8	19.3	23.6	22.4
Marines	31.5	31.7	33.1	25.4	24.3	23.2	23.7	20.9	20.2	24.8	21.7	39.1	31.9
Navy	22.2	30.8	26.8	30.4	30.1	30.2	26.3	26.2	26.3	24.1	25.3	30.7	29.0
Component													
ACT	26.9	30.1	30.0	27.1	28.1	28.2	31.0	27.4	23.5	22.7	21.7	27.7	26.3
GRD	20.2	24.8	22.2	21.1	19.5	21.3	18.5	20.7	17.2	17.4	14.6	19.6	13.7
TOTAL	25.8	29.2	28.7	26.2	26.9	27.2	29.3	26.5	22.7	22.0	20.9	26.8	24.8

Table 1.4: Direct and Purchased Care Hospitalizations per 1,000 Diagnosed with **Depressive Disorders** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Air Force	80.9	75.6	74.8	80.3	87.9	112.6	113.4	139.0	145.2	132.7	130.2	149.8	170.2
Army	99.6	105.7	116.4	110.5	119.1	114.4	111.2	117.7	106.3	103.9	107.3	119.7	132.8
Marines	95.8	93.2	90.3	96.4	106.3	103.6	109.5	99.4	108.7	92.3	96.8	118.5	125.1
Navy	81.2	94.1	105.8	101.3	102.3	107.6	87.2	102.6	108.2	114.2	107.9	108.4	102.9
Component													
ACT	92.9	98.7	107.5	105.9	114.4	116.1	111.4	121.3	117.1	113.8	113.9	126.5	139.3
GRD	81.1	76.3	80.2	79.4	83.3	86.3	85.0	89.9	86.3	77.9	84.2	98.0	89.2
TOTAL	91.1	95.4	103.6	102.1	110.1	112.1	107.9	117.3	113.2	109.6	110.7	123.4	133.9

Table 1.5: Direct and Purchased Care Hospitalizations per 1,000 Diagnosed with **Insomnia** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Air Force	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed	Suppressed
Army	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 1.6: Direct and Purchased Care Hospitalizations per 1,000 Diagnosed with **PTSD** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Air Force	88.1	59.6	67.5	61.9	68.6	86.2	96.6	131.7	153.6	130.0	115.3	101.0	95.9
Army	83.0	91.0	90.4	86.7	100.3	103.8	94.3	107.5	92.1	83.0	76.4	73.6	67.7
Marines	81.7	100.4	74.0	69.6	66.1	82.5	94.4	103.6	103.1	82.2	77.9	71.2	67.1
Navy	86.7	91.7	76.1	89.5	69.4	66.8	62.0	74.8	70.8	70.8	66.5	75.6	52.3
Component													
ACT	85.8	91.6	87.6	85.3	94.3	99.5	94.9	106.8	99.0	90.1	81.3	77.9	72.4
GRD	75.5	80.3	69.9	69.4	71.3	79.3	73.6	104.1	88.8	66.7	71.8	72.7	50.6
TOTAL	83.7	89.5	84.7	82.8	90.9	96.5	91.8	106.4	97.6	87.2	80.2	77.4	69.9

Table 1.7: Direct and Purchased Care Hospitalizations per 1,000 Diagnosed with **Substance Use Disorders** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Air Force	302.8	247.9	297.9	240.7	282.4	249.1	218.0	292.8	293.1	205.5	132.5	201.2	201.3
Army	114.5	135.4	163.1	178.2	163.2	168.7	202.8	190.3	165.1	162.4	144.3	161.1	134.4
Marines	157.1	219.7	163.3	190.1	143.5	161.1	189.1	177.8	128.2	177.0	162.5	187.8	169.6
Navy	175.4	172.7	104.8	115.7	100.3	117.5	179.9	154.6	157.4	147.3	143.0	209.5	194.3
Component													
ACT	128.8	148.6	153.8	172.4	159.4	167.0	200.5	190.8	167.2	168.3	145.3	171.7	151.3
GRD	197.2	185.7	229.0	190.0	162.6	184.1	195.7	212.0	212.1	141.4	130.1	195.7	129.6
TOTAL	137.2	151.9	160.5	174.0	159.7	168.4	200.1	192.3	170.6	166.3	144.1	173.6	149.8

2. Combined Direct and Purchased Care Patient Population Counts with Respective Mental Health Disorders

Table 2.1: Direct and Purchased Care Patients with **Adjustment Disorders** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Air Force	11,726	12,497	13,189	13,405	14,455	16,021	17,094	17,875	16,950	16,211	16,790	19,358	20,645
Army	28,659	31,835	39,567	51,871	59,588	65,278	70,910	74,494	64,863	58,491	56,253	56,300	52,970
Marines	3,956	4,172	4,895	6,314	6,897	8,061	9,712	10,307	10,010	9,101	8,926	9,146	9,375
Navy	8,245	8,662	9,370	10,482	10,782	11,540	12,560	13,340	13,280	13,612	15,463	17,798	19,548
Component													
ACT	44,347	49,165	58,296	71,588	80,617	89,907	99,283	105,341	95,592	88,614	89,373	94,287	94,554
GRD	8,239	8,001	8,725	10,484	11,105	10,993	10,993	10,675	9,511	8,801	8,059	8,315	7,984
TOTAL	52,586	57,166	67,021	82,072	91,722	100,900	110,276	116,016	105,103	97,415	97,432	102,602	102,538

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

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Air Force	4,733	4,445	4,272	4,243	4,261	4,461	4,457	4,408	4,149	4,060	3,698	3,461	3,767
Army	13,246	15,576	16,366	19,490	22,079	21,925	19,700	19,872	17,265	15,673	15,648	14,525	15,286
Marines	3,635	4,204	4,742	5,357	5,850	6,135	5,903	5,804	5,104	4,382	3,847	3,655	3,700
Navy	8,287	7,972	7,472	7,074	7,003	6,529	6,381	6,296	5,917	6,688	6,594	5,799	5,938
Component													
ACT	27,730	30,172	30,659	33,793	36,715	36,630	34,277	34,304	30,650	29,184	28,323	26,075	27,256
GRD	2,171	2,025	2,193	2,371	2,478	2,420	2,164	2,076	1,785	1,619	1,464	1,365	1,435
TOTAL	29,901	32,197	32,852	36,164	39,193	39,050	36,441	36,380	32,435	30,803	29,787	27,440	28,691

Table 2.3: Direct and Purchased Care Patients with **Anxiety Disorders** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Air Force	8,192	8,142	9,001	9,609	10,358	11,505	12,730	13,767	14,723	15,404	15,663	16,266	16,811
Army	13,693	14,841	20,266	26,658	31,852	36,178	41,332	45,629	44,018	43,234	41,548	37,552	34,970
Marines	2,507	2,554	3,017	3,851	4,736	5,381	6,257	7,190	7,366	7,094	7,047	6,522	6,199
Navy	6,137	5,816	6,605	7,259	7,707	8,530	9,739	10,445	10,855	11,430	12,018	12,654	13,000
Component													
ACT	25,393	26,236	32,757	39,930	46,547	52,595	60,428	67,153	67,462	67,945	67,824	64,691	62,503
GRD	5,136	5,117	6,132	7,447	8,106	8,999	9,630	9,878	9,500	9,217	8,452	8,303	8,477
TOTAL	30,529	31,353	38,889	47,377	54,653	61,594	70,058	77,031	76,962	77,162	76,276	72,994	70,980

Table 2.4: Direct and Purchased Care Patients with **Depressive Disorders** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Air Force	13,150	12,990	12,633	12,608	12,732	13,382	13,769	13,512	12,868	13,335	13,217	12,820	13,028
Army	26,050	27,046	31,819	38,616	44,612	46,295	49,159	50,021	45,938	42,869	38,582	33,173	29,185
Marines	4,456	4,645	5,182	6,380	7,177	7,444	7,636	7,720	7,560	6,879	6,705	5,901	5,170
Navy	10,716	10,995	11,273	11,326	11,453	11,770	12,283	12,061	11,493	11,661	12,199	12,327	12,746
Component													
ACT	46,299	47,319	52,095	59,113	65,517	68,181	71,858	72,648	68,218	65,909	62,969	57,314	53,601
GRD	8,073	8,357	8,812	9,817	10,457	10,710	10,989	10,666	9,641	8,835	7,734	6,907	6,528
TOTAL	54,372	55,676	60,907	68,930	75,974	78,891	82,847	83,314	77,859	74,744	70,703	64,221	60,129

Table 2.5: Direct and Purchased Care Patients with **Insomnia** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Air Force	5,701	7,595	9,555	11,137	12,877	14,077	15,051	15,625	15,408	14,285	13,291	14,317	13,292
Army	9,395	14,207	20,839	29,155	35,478	42,209	47,662	49,285	45,972	40,866	39,588	42,473	40,819
Marines	930	1,439	2,314	3,139	3,922	4,797	5,654	6,273	6,217	5,626	5,577	5,695	5,397
Navy	2,880	3,892	4,775	5,454	6,526	7,162	8,024	8,423	8,819	7,842	7,804	8,973	9,172
Component													
ACT	15,769	22,906	32,100	42,466	51,107	59,362	67,108	70,529	68,279	61,768	60,237	65,275	62,669
GRD	3,137	4,227	5,383	6,419	7,696	8,883	9,283	9,077	8,137	6,851	6,023	6,183	6,011
TOTAL	18,906	27,133	37,483	48,885	58,803	68,245	76,391	79,606	76,416	68,619	66,260	71,458	68,680

Table 2.6: Direct and Purchased Care Patients with **PTSD** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Air Force	1,192	1,376	1,703	2,117	2,331	2,750	3,293	3,630	3,881	4,347	4,231	4,545	4,820
Army	8,738	10,038	14,421	20,265	22,630	24,811	27,339	30,142	28,147	25,629	23,142	21,657	19,253
Marines	1,849	2,072	3,028	3,968	4,070	4,568	4,839	5,088	4,502	4,065	3,699	3,287	2,891
Navy	1,511	1,712	2,222	2,537	2,794	2,962	3,242	3,397	3,289	3,547	3,746	3,890	4,281
Component													
ACT	10,549	12,382	17,914	24,260	27,181	29,947	33,100	36,388	34,392	32,892	30,851	29,651	27,592
GRD	2,741	2,816	3,460	4,627	4,644	5,144	5,613	5,869	5,427	4,696	3,967	3,728	3,653
TOTAL	13,290	15,198	21,374	28,887	31,825	35,091	38,713	42,257	39,819	37,588	34,818	33,379	31,245

Table 2.7: Direct and Purchased Care Patients with **Substance Use Disorders** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Air Force	492	472	470	540	641	799	766	724	720	798	898	681	631
Army	5,225	6,322	6,266	7,615	9,105	9,123	8,578	7,908	6,366	5,214	4,940	4,122	4,650
Marines	522	619	992	1,247	1,352	1,378	1,354	1,153	952	627	554	442	395
Navy	707	834	1,498	1,512	1,495	1,115	1,106	1,061	934	957	902	735	705
Component													
ACT	6,089	7,504	8,405	9,914	11,492	11,361	10,925	10,077	8,279	7,016	6,733	5,510	5,949
GRD	857	743	821	1,000	1,101	1,054	879	769	693	580	561	470	432
TOTAL	6,946	8,247	9,226	10,914	12,593	12,415	11,804	10,846	8,972	7,596	7,294	5,980	6,381

3. Combined Direct and Purchased Care Hospitalizations Among Patients with Respective Mental Health Disorders

Table 3.1: Direct and Purchased Care Hospitalizations Among Patients with **Adjustment Disorders** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Air Force	577	593	514	532	551	630	579	655	556	541	573	705	938
Army	2,308	2,154	2,624	2,618	2,877	2,750	3,183	3,024	2,614	2,709	2,677	3,084	3,813
Marines	408	352	425	489	577	561	715	708	695	780	815	1,118	1,142
Navy	709	601	727	862	928	1,033	1,125	1,135	935	809	993	1,250	1,221
Component													
ACT	3,566	3,398	3,954	4,103	4,496	4,577	5,231	5,170	4,451	4,503	4,728	5,826	6,774
GRD	436	302	336	398	437	397	371	352	349	336	330	331	340
TOTAL	4,002	3,700	4,290	4,501	4,933	4,974	5,602	5,522	4,800	4,839	5,058	6,157	7,114

Table 3.2: Direct and Purchased Care Hospitalizations Among Patients with **Alcohol Use Disorders** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Air Force	789	735	670	657	648	784	856	922	870	847	761	753	914
Army	1,634	2,022	2,668	2,998	2,975	2,928	3,199	3,468	2,706	2,394	2,236	2,113	2,139
Marines	431	479	640	842	702	789	771	700	638	745	503	493	539
Navy	767	777	852	797	725	731	789	850	839	860	877	742	884
Component													
ACT	3,195	3,621	4,390	4,843	4,656	4,781	5,160	5,465	4,621	4,515	4,060	3,747	4,143
GRD	426	392	440	451	394	451	455	475	432	331	317	354	333
TOTAL	3,621	4,013	4,830	5,294	5,050	5,232	5,615	5,940	5,053	4,846	4,377	4,101	4,476

*Table 3.3: Direct and Purchased Care Hospitalizations Among Patients with **Anxiety Disorders** by Calendar Year*

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Air Force	153	147	161	193	215	300	312	364	352	349	336	425	401
Army	420	509	680	727	906	994	1,335	1,257	963	899	800	886	784
Marines	79	81	100	98	115	125	148	150	149	176	153	255	198
Navy	136	179	177	221	232	258	256	274	286	276	304	389	377
Component													
ACT	684	789	982	1,082	1,310	1,485	1,873	1,841	1,587	1,540	1,470	1,792	1,644
GRD	104	127	136	157	158	192	178	204	163	160	123	163	116
TOTAL	788	916	1,118	1,239	1,468	1,677	2,051	2,045	1,750	1,700	1,593	1,955	1,760

*Table 3.4: Direct and Purchased Care Hospitalizations Among Patients with **Depressive Disorders** by Calendar Year*

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Air Force	1,064	982	945	1,012	1,119	1,507	1,562	1,878	1,869	1,770	1,721	1,921	2,217
Army	2,594	2,860	3,703	4,267	5,312	5,297	5,467	5,888	4,883	4,454	4,138	3,971	3,876
Marines	427	433	468	615	763	771	836	767	822	635	649	699	647
Navy	870	1,035	1,193	1,147	1,172	1,267	1,071	1,238	1,243	1,332	1,316	1,336	1,311
Component													
ACT	4,300	4,672	5,602	6,262	7,495	7,918	8,002	8,812	7,985	7,503	7,173	7,250	7,469
GRD	655	638	707	779	871	924	934	959	832	688	651	677	582
TOTAL	4,955	5,310	6,309	7,041	8,366	8,842	8,936	9,771	8,817	8,191	7,824	7,927	8,051

*Table 3.5: Direct and Purchased Care Hospitalizations Among Patients with **Insomnia** by Calendar Year*

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Table 3.6: Direct and Purchased Care Hospitalizations Among Patients with **PTSD** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Air Force	105	82	115	131	160	237	318	478	596	565	488	459	462
Army	725	913	1,303	1,757	2,270	2,576	2,577	3,239	2,593	2,128	1,769	1,595	1,304
Marines	151	208	224	276	269	377	457	527	464	334	288	234	194
Navy	131	157	169	227	194	198	201	254	233	251	249	294	224
Component													
ACT	905	1,134	1,569	2,070	2,562	2,980	3,140	3,887	3,404	2,965	2,509	2,311	1,999
GRD	207	226	242	321	331	408	413	611	482	313	285	271	185
TOTAL	1,112	1,360	1,811	2,391	2,893	3,388	3,553	4,498	3,886	3,278	2,794	2,582	2,184

Table 3.7: Direct and Purchased Care Hospitalizations Among Patients with **Substance Use Disorders** by Calendar Year

Service	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Air Force	149	117	140	130	181	199	167	212	211	164	119	137	127
Army	598	856	1,022	1,357	1,486	1,539	1,740	1,505	1,051	847	713	664	625
Marines	82	136	162	237	194	222	256	205	122	111	90	83	67
Navy	124	144	157	175	150	131	199	164	147	141	129	154	137
Component													
ACT	784	1,115	1,293	1,709	1,832	1,897	2,190	1,923	1,384	1,181	978	946	900
GRD	169	138	188	190	179	194	172	163	147	82	73	92	56
TOTAL	953	1,253	1,481	1,899	2,011	2,091	2,362	2,086	1,531	1,263	1,051	1,038	956