

Pediatric Mental Health Encounters Decrease from Pandemic Highs, Females Remain at Increased Risk

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Key Findings:

- Pediatric outpatient, emergency, and hospital encounters for mental health have decreased from their pandemic highs.
- While overall rates have decreased, rates of mental health encounters for adolescent females remain above their pre-pandemic levels.

We [previously reported in May 2021](#) that pediatric outpatient, emergency department (ED), and hospitalization encounters were more likely to be for mental health conditions than any other diagnosis.¹ [In another study](#), we noted that female adolescents were more likely than males to have an outpatient mental health visit, particularly for eating disorders from early 2020 through February 2021.² As adolescents have returned to in-person schooling and other activities as pandemic-era policies to stay at home have been retired, we evaluated whether these initial trends in increased mental health care have remained. We studied 45,706,313 outpatient, 33,927,152 emergency, and 7,921,464 hospital encounters for patients ages 18 and younger from January 2015 to May 2023 to determine the rate of mental health encounters in various care settings over time.

We found that outpatient encounters for pediatric mental health have decreased from their peak of 4.3% of encounters in April 2020 to 3.4% of encounters in May 2023. The May 2023 rate is about 11% higher than the pre-pandemic rate of 3.1% of encounters in December 2019. Of note, there was a steep drop in all outpatient encounters in April 2020, which may have contributed to the observed increase in the proportion of mental-health-related outpatient encounters.

Proportion of Pediatric Outpatient Encounters for Mental Health

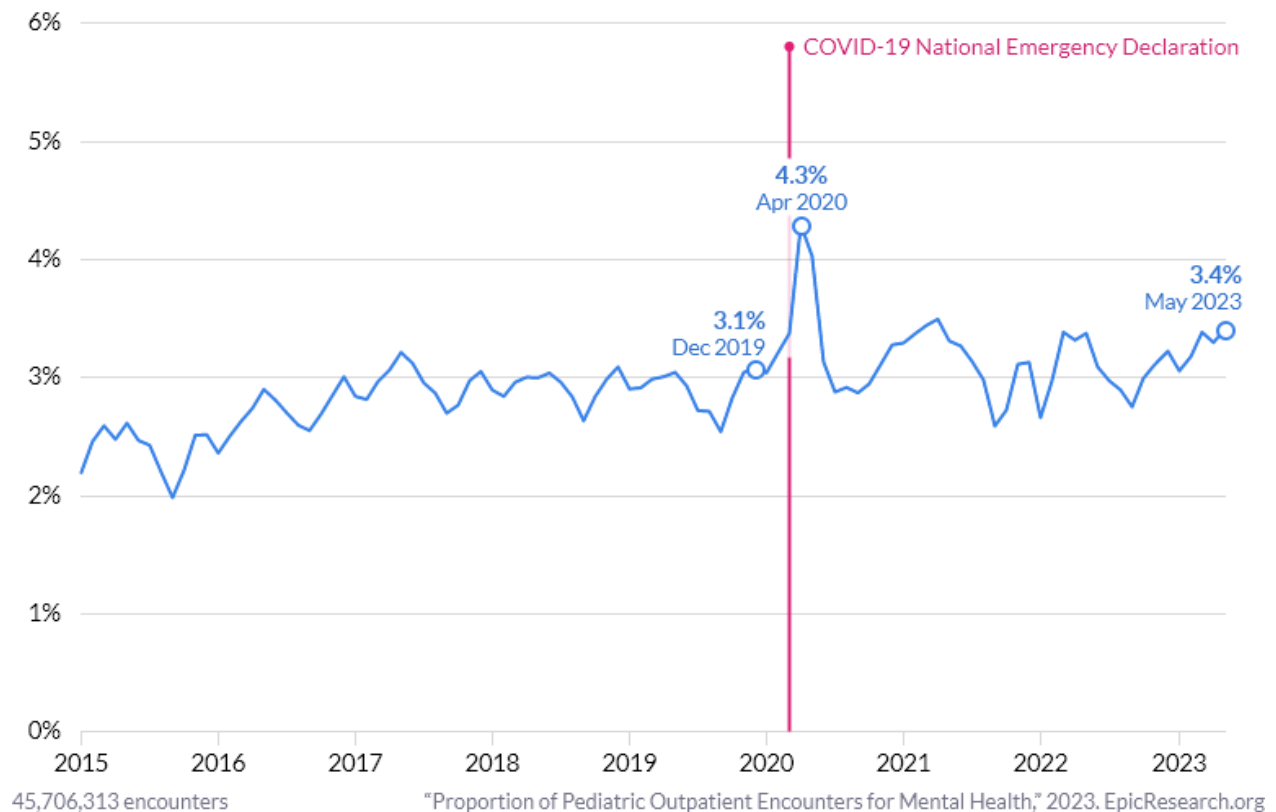


Figure 1a. Percentage of pediatric outpatient encounters for mental health by month from January 2015 to May 2023.

However, these rates vary quite a bit by sex and age. While outpatient mental health encounter rates for pediatric males are at or below their pre-pandemic levels, rates for pediatric females have increased from their pre-pandemic levels. This finding also holds true when we narrow to the subset of mental health diagnoses related to eating disorders.

Proportion of Pediatric Outpatient Encounters for Mental Health by Sex

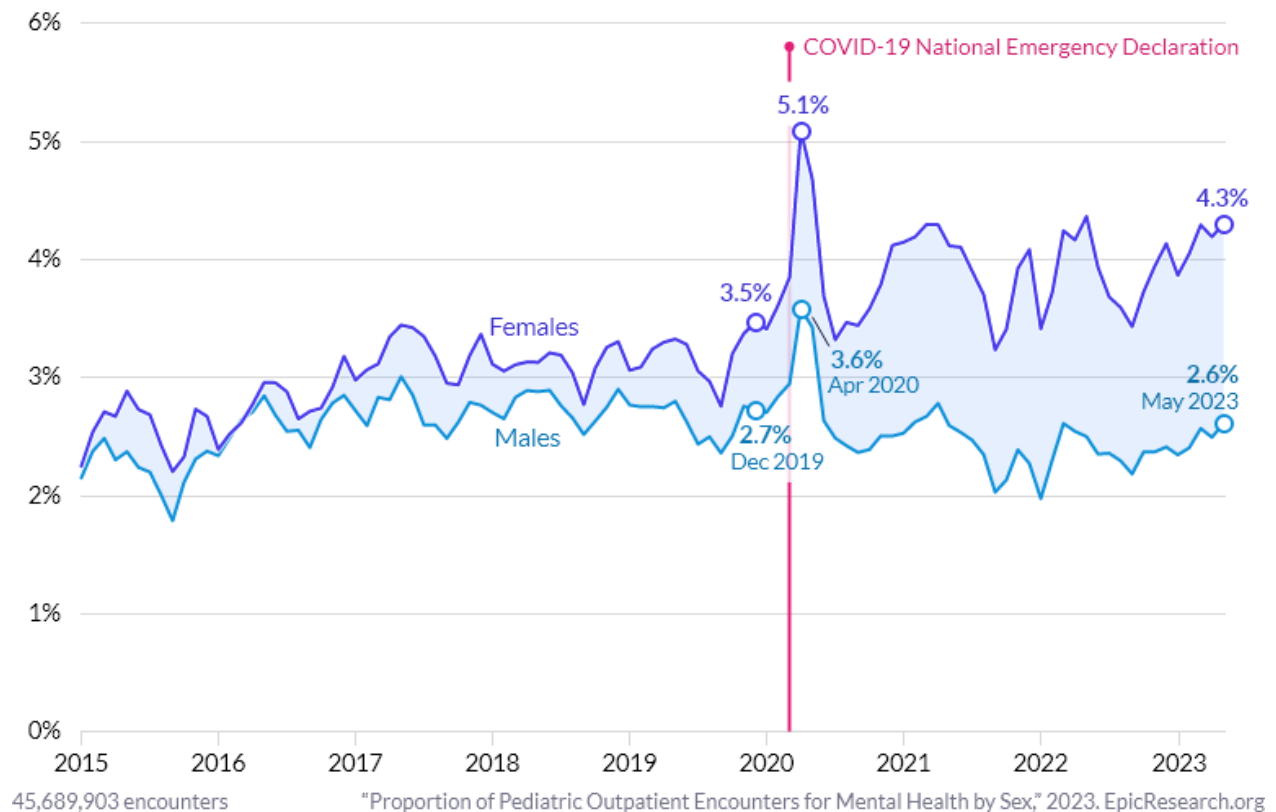


Figure 1b. Percentage of pediatric outpatient encounters for mental health by month from January 2015 to May 2023 by patient sex.

Like outpatient encounters for mental health, ED encounters for pediatric mental health have also decreased from their pandemic high, decreasing from a high of 6.7% of pediatric ED encounters in November 2020 to 4.1% in May 2023. The May 2023 rate is similar to pre-pandemic rates, which were around 3.5-4% in late 2019.

Proportion of Pediatric Emergency Department Encounters for Mental Health

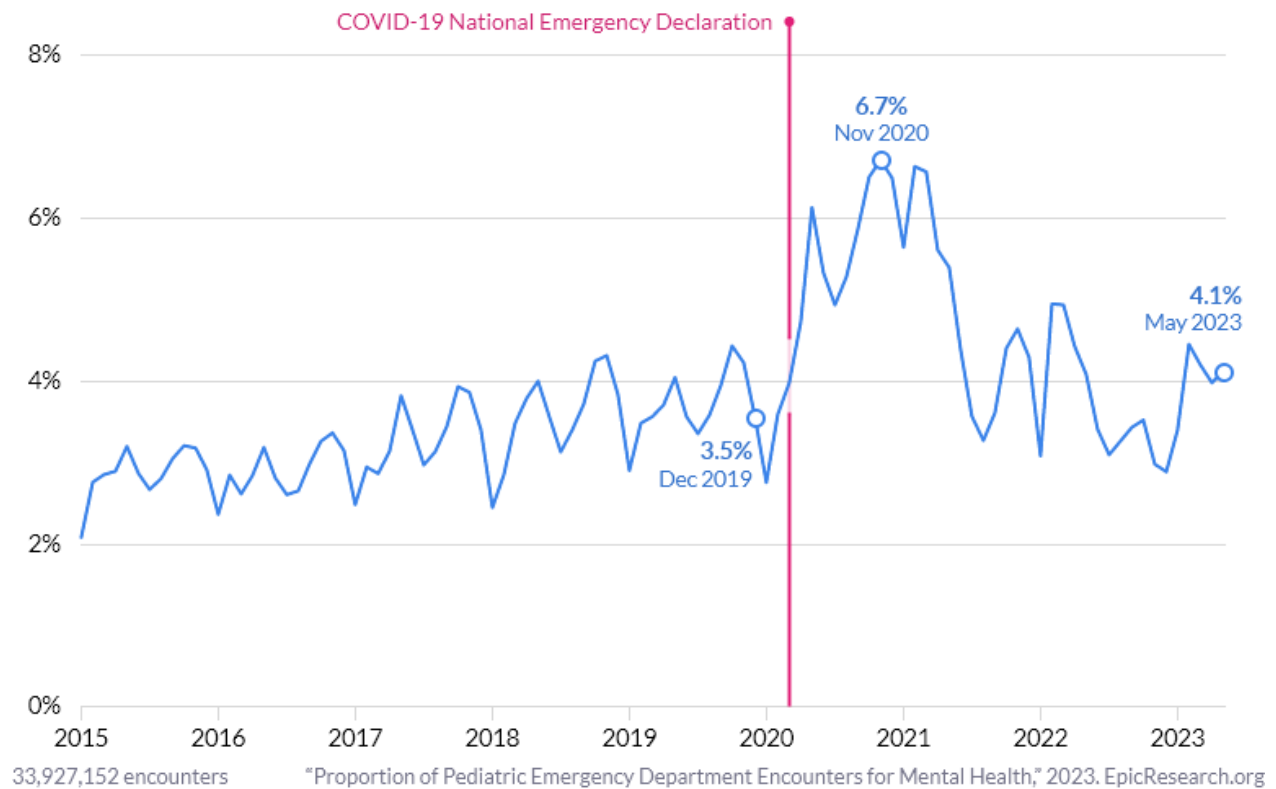


Figure 2a. Percentage of pediatric ED encounters for mental health by month from January 2015 to May 2023.

As with the outpatient mental health encounters, adolescent females had the highest rates of mental health ED encounters.

Proportion of Pediatric Emergency Department Encounters for Mental Health by Sex

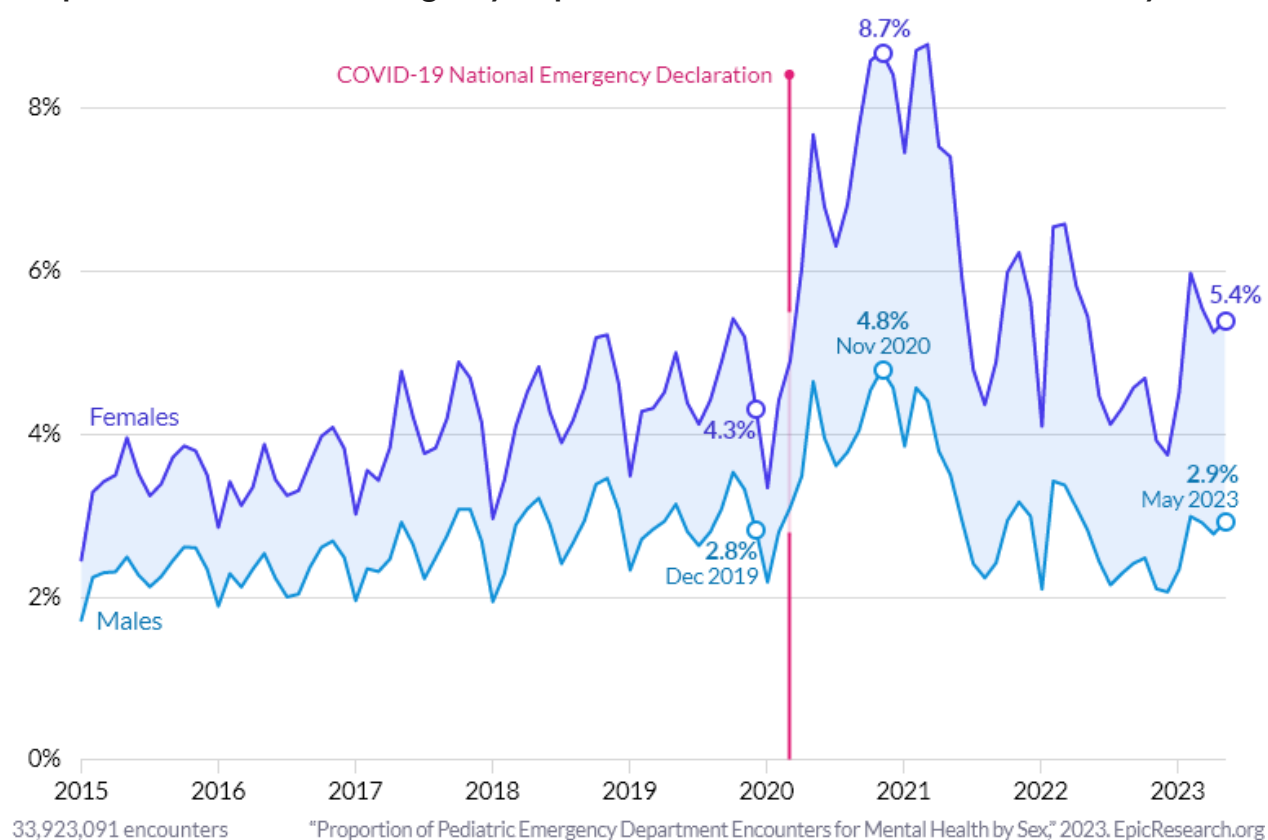


Figure 2b. Percentage of pediatric ED encounters for mental health by month from January 2015 to May 2023 by patient sex.

Pediatric hospitalizations for mental health did not have the same pandemic increase in rate as outpatient and ED encounters, although hospitalizations did rise slightly to 6.6% in November 2020 and remained elevated until July 2021 when they started to decrease. However, pediatric mental health admissions appear to be on the rise again in 2023, increasing from 5.0% in November 2022 to 5.9% in May 2023. As with the other types of encounters, adolescent females continue to have the highest rate of mental health admissions compared to males and younger age groups.

Proportion of Pediatric Hospital Encounters for Mental Health

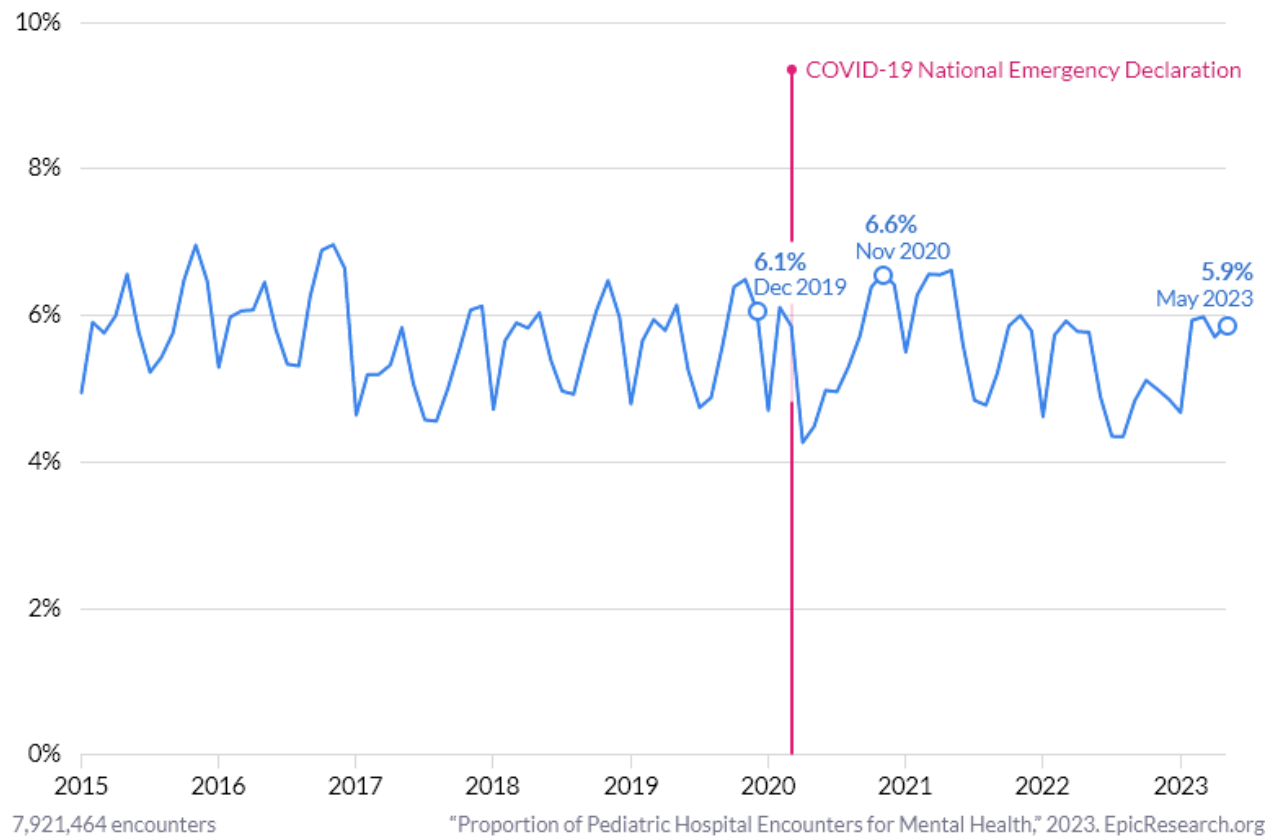


Figure 3a. Percentage of pediatric hospital encounters for mental health by month from January 2015 to May 2023.

Proportion of Pediatric Hospital Encounters for Mental Health by Sex

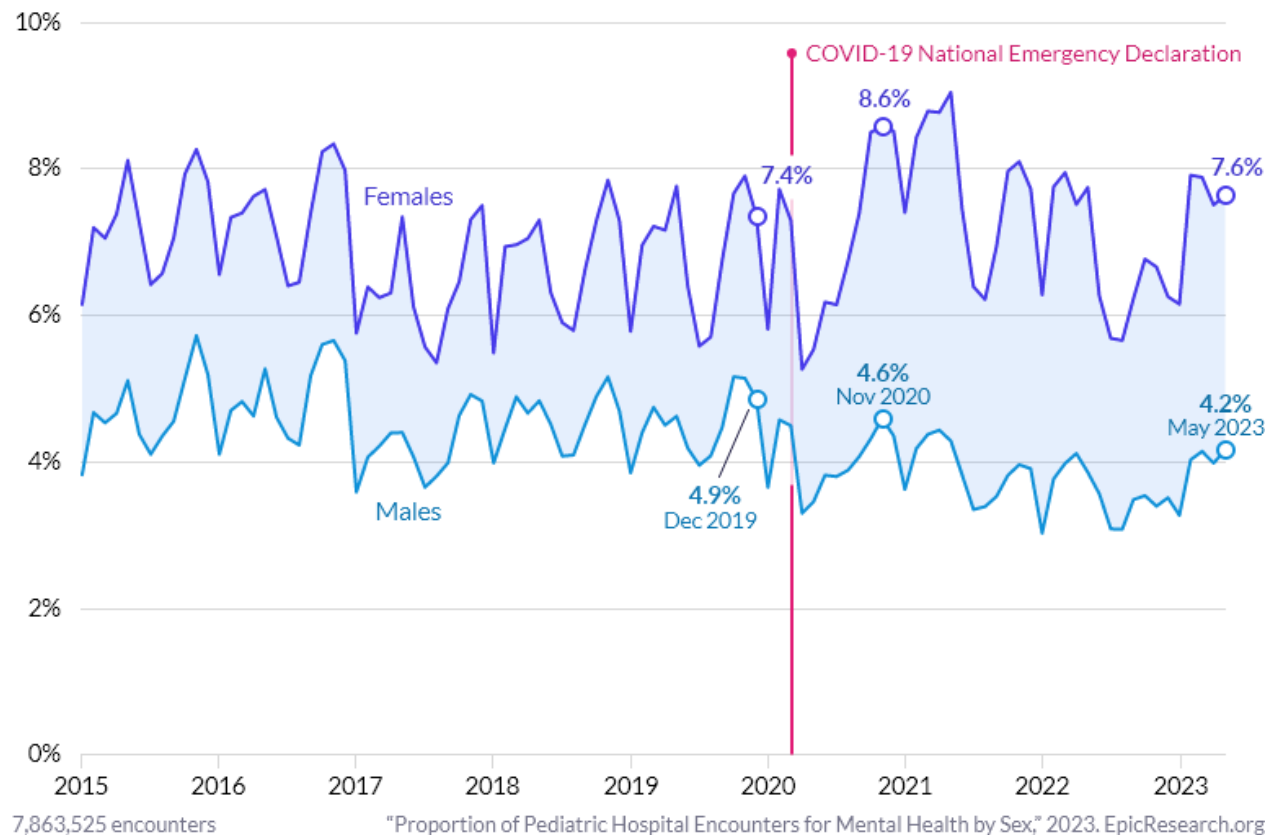


Figure 3b. Percentage of pediatric hospital encounters for mental health by month from January 2015 to May 2023 by patient sex.

While rates of pediatric mental health encounters overall have decreased, the increases in mental health encounters for adolescent females continue to outpace any other pediatric demographic. However, as adolescent males are less likely to seek mental health care,³ our observed rates in this study may undercount the true prevalence of mental health needs in the male population.

These data come from Cosmos, a HIPAA-defined Limited Data Set of more than 203 million patients from 208 Epic organizations including 1,187 hospitals and more than 25,400 clinics, serving patients in all 50 states and Lebanon. This study was completed by two teams that worked independently, each composed of a clinician and research scientists. The two teams came to similar conclusions.

References

1. Thayer J, Lindgren E, Teriakidis A, et al. Pediatric Visits More Likely for Mental Health Than Other Conditions During the COVID-19 Pandemic. *Epic Research*. [Pediatric Visits More Likely for Mental Health Than Other Conditions During the COVID-19 Pandemic \(epicresearch.org\)](https://www.epicresearch.org/pediatric-visits-more-likely-for-mental-health-than-other-conditions-during-the-covid-19-pandemic). Accessed on August 1, 2023.
2. Thayer J, Lindgren E, Teriakidis A, et al. Adolescent Mental Health Visits Increased for Females During the Pandemic. *Epic Research*. [Adolescent Mental Health Visits Increased for Females During the Pandemic \(epicresearch.org\)](https://www.epicresearch.org/adolescent-mental-health-visits-increased-for-females-during-the-pandemic). Accessed August 1, 2023.
3. Lipari RN, Hedden S, Blau G, Rubenstein L. Adolescent Mental Health Service Use and Reasons for Using Services in Specialty, Educational, and General Medical Settings. *SAMSHA Short Report*. 2016.

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Data Definitions

Term	Definition
Valid encounter	An ED, Outpatient, or Hospital Admission encounter where the patient is under 18 and the encounter occurs on or between 1/1/2015 and 5/31/2023
Associated diagnosis	A mental health diagnosis either associated with the encounter or documented on the same day as the encounter
Schizophrenia diagnosis	A diagnosis with any of the following ICD-10 codes: F06.[0-2], F2*
Depression diagnosis	A diagnosis with any of the following ICD-10 codes: F06.3[12], F3[23]*, F34.1
Bipolar diagnosis	A diagnosis with any of the following ICD-10 codes: F06.3[34], F3[01]*, F34.0
Other mood disorder diagnosis	A diagnosis with any of the following ICD-10 codes: F34.[89]*, F39
Anxiety diagnosis	A diagnosis with any of the following ICD-10 codes: F4[01]*, F06.4, F93.0, F94.0
OCD diagnosis	A diagnosis with any of the following ICD-10 codes: F42*, F45.22, F63.3
Trauma/stress disorder diagnosis	A diagnosis with any of the following ICD-10 codes: F4[34]*, F48.1, F94.[12]
Conduct disorder diagnosis	A diagnosis with any of the following ICD-10 codes: F63*, F91*
Personality disorder diagnosis	A diagnosis with any of the following ICD-10 codes: F07.0, F60*, F68.8, F69
Eating/feeding disorder diagnosis	A diagnosis with any of the following ICD-10 codes: F98.[23]*, F50*
Trauma/stress disorder diagnosis	A diagnosis with any of the following ICD-10 codes: F4[34]*, F48.1, F94.[12]
Other mental health diagnosis	A diagnosis with any of the following ICD-10 codes: F06.8, F07.9, F09, F48.[89], F5[2-9]*, F63.0, F6[4-6]*, F93.[89], F98.9, F99, R37
Self harm/suicidal tendencies diagnosis	A diagnosis with any of the following ICD-10 codes: T14.91*, R45.851, T3[6-9].*2[AD], T4[0-9].*2[AD], T5[0-9].*2[AD], T6[0-5].*2[AD], T3[6-9].*2X[AD], T4[0-9].*2X[AD], T5[0-9].*2X[AD], T6[0-5].*2X[AD], T71.*2[AD]
General mental health diagnosis	Any diagnosis of one or more of the following: Schizophrenia, Depression, Bipolar, Other Mood Disorder, Anxiety, OCD, Trauma/Stress Disorder, Conduct Disorder, Personality Disorder, Eating/Feeding Disorder, Other Mental Health Dx, or Self Harm/Suicidal Tendencies

Table 1: Pediatric Mental Health Outpatient Encounters

	General			Female [0-18]			Male [0-18]		
Month	Mental Health Dx	N	Mental Health Dx %	Mental Health Dx	N	Mental Health Dx %	Mental Health Dx	N	Mental Health Dx %
2015-1	5,309	241,592	2.2%	2,567	114,258	2.2%	2,740	127,309	2.2%
2015-2	6,245	253,907	2.5%	3,057	120,522	2.5%	3,168	133,332	2.4%
2015-3	7,269	280,460	2.6%	3,611	133,351	2.7%	3,656	147,060	2.5%
2015-4	6,892	278,062	2.5%	3,535	132,372	2.7%	3,356	145,653	2.3%
2015-5	7,519	287,637	2.6%	3,924	136,095	2.9%	3,593	151,501	2.4%
2015-6	6,548	265,169	2.5%	3,407	124,853	2.7%	3,141	140,281	2.2%
2015-7	6,605	271,990	2.4%	3,442	128,273	2.7%	3,162	143,661	2.2%
2015-8	6,682	303,523	2.2%	3,445	142,051	2.4%	3,236	161,421	2.0%
2015-9	6,107	307,499	2.0%	3,164	143,725	2.2%	2,930	163,711	1.8%
2015-10	7,533	339,752	2.2%	3,694	158,853	2.3%	3,826	180,833	2.1%
2015-11	8,376	333,252	2.5%	4,322	158,230	2.7%	4,044	174,956	2.3%
2015-12	8,104	321,969	2.5%	4,126	154,494	2.7%	3,977	167,371	2.4%
2016-1	6,712	284,126	2.4%	3,235	135,380	2.4%	3,477	148,699	2.3%
2016-2	7,673	306,342	2.5%	3,685	146,146	2.5%	3,987	160,154	2.5%
2016-3	8,564	325,494	2.6%	4,048	154,820	2.6%	4,510	170,625	2.6%
2016-4	8,415	307,100	2.7%	4,051	146,059	2.8%	4,364	161,000	2.7%
2016-5	9,280	320,060	2.9%	4,467	151,040	3.0%	4,810	168,976	2.8%
2016-6	8,164	290,557	2.8%	4,035	136,558	3.0%	4,129	153,969	2.7%
2016-7	7,915	292,918	2.7%	3,959	137,529	2.9%	3,955	155,345	2.5%
2016-8	7,982	307,329	2.6%	3,819	144,240	2.6%	4,163	163,045	2.6%
2016-9	7,794	305,449	2.6%	3,870	142,629	2.7%	3,921	162,786	2.4%
2016-10	9,105	338,461	2.7%	4,335	158,271	2.7%	4,762	180,137	2.6%
2016-11	9,524	334,407	2.8%	4,593	157,408	2.9%	4,924	176,951	2.8%
2016-12	9,936	330,472	3.0%	5,004	157,347	3.2%	4,931	173,013	2.9%
2017-1	9,047	318,429	2.8%	4,482	150,522	3.0%	4,562	167,808	2.7%
2017-2	10,317	366,344	2.8%	5,280	172,297	3.1%	5,026	193,852	2.6%
2017-3	12,473	420,255	3.0%	6,159	197,708	3.1%	6,299	222,358	2.8%
2017-4	12,401	404,798	3.1%	6,389	191,034	3.3%	6,005	213,570	2.8%
2017-5	13,576	422,748	3.2%	6,833	198,370	3.4%	6,740	224,180	3.0%
2017-6	12,218	391,528	3.1%	6,253	182,765	3.4%	5,951	208,577	2.9%
2017-7	11,597	392,455	3.0%	6,152	183,744	3.3%	5,421	208,484	2.6%
2017-8	12,072	420,855	2.9%	6,236	196,171	3.2%	5,831	224,454	2.6%
2017-9	10,905	403,992	2.7%	5,502	186,487	3.0%	5,401	217,277	2.5%
2017-10	12,811	463,033	2.8%	6,292	214,205	2.9%	6,518	248,598	2.6%
2017-11	13,819	464,750	3.0%	6,902	216,626	3.2%	6,915	247,906	2.8%

2017-12	14,200	465,404	3.1%	7,387	219,401	3.4%	6,800	245,745	2.8%
2018-1	11,385	393,215	2.9%	5,722	183,901	3.1%	5,654	209,093	2.7%
2018-2	12,055	424,309	2.8%	6,091	199,478	3.1%	5,954	224,626	2.7%
2018-3	14,234	480,681	3.0%	7,038	226,428	3.1%	7,195	254,014	2.8%
2018-4	14,021	466,754	3.0%	6,875	219,662	3.1%	7,133	246,836	2.9%
2018-5	14,856	495,585	3.0%	7,255	231,860	3.1%	7,589	263,486	2.9%
2018-6	13,714	451,305	3.0%	6,740	210,026	3.2%	6,972	241,056	2.9%
2018-7	13,426	453,738	3.0%	6,734	211,220	3.2%	6,692	242,318	2.8%
2018-8	13,654	481,550	2.8%	6,791	223,509	3.0%	6,852	257,823	2.7%
2018-9	12,306	467,067	2.6%	5,980	215,957	2.8%	6,319	250,862	2.5%
2018-10	14,750	519,770	2.8%	7,391	239,995	3.1%	7,356	279,510	2.6%
2018-11	14,977	501,889	3.0%	7,614	233,847	3.3%	7,360	267,780	2.7%
2018-12	15,398	498,338	3.1%	7,752	234,644	3.3%	7,643	263,452	2.9%
2019-1	12,532	431,516	2.9%	6,158	201,202	3.1%	6,371	230,178	2.8%
2019-2	12,941	444,324	2.9%	6,440	208,507	3.1%	6,489	235,671	2.8%
2019-3	15,527	519,900	3.0%	7,930	244,758	3.2%	7,578	274,975	2.8%
2019-4	15,327	509,766	3.0%	7,866	238,471	3.3%	7,442	271,140	2.7%
2019-5	16,052	527,443	3.0%	8,163	245,530	3.3%	7,887	281,771	2.8%
2019-6	14,165	483,645	2.9%	7,323	223,201	3.3%	6,838	260,306	2.6%
2019-7	13,289	488,240	2.7%	6,901	226,013	3.1%	6,387	262,097	2.4%
2019-8	13,910	512,547	2.7%	7,051	237,769	3.0%	6,859	274,631	2.5%
2019-9	12,577	494,791	2.5%	6,264	227,402	2.8%	6,311	267,266	2.4%
2019-10	15,720	555,747	2.8%	8,240	257,326	3.2%	7,479	298,276	2.5%
2019-11	16,409	539,008	3.0%	8,485	251,725	3.4%	7,919	287,130	2.8%
2019-12	15,921	517,389	3.1%	8,482	244,570	3.5%	7,437	272,669	2.7%
2020-1	13,766	452,860	3.0%	7,238	212,146	3.4%	6,509	240,586	2.7%
2020-2	16,327	508,951	3.2%	8,660	239,700	3.6%	7,645	269,108	2.8%
2020-3	16,952	502,535	3.4%	9,087	236,144	3.8%	7,849	266,247	2.9%
2020-4	9,327	217,306	4.3%	5,204	102,179	5.1%	4,122	115,035	3.6%
2020-5	9,898	245,799	4.0%	5,488	117,218	4.7%	4,400	128,445	3.4%
2020-6	11,580	369,608	3.1%	6,437	174,423	3.7%	5,140	195,056	2.6%
2020-7	12,939	449,500	2.9%	7,011	211,222	3.3%	5,924	238,129	2.5%
2020-8	14,294	490,149	2.9%	7,991	230,489	3.5%	6,288	259,473	2.4%
2020-9	14,026	488,548	2.9%	7,877	228,973	3.4%	6,140	259,409	2.4%
2020-10	16,542	561,327	2.9%	9,371	261,608	3.6%	7,155	299,471	2.4%
2020-11	17,194	552,825	3.1%	9,807	258,908	3.8%	7,364	293,667	2.5%
2020-12	17,257	526,832	3.3%	10,302	249,993	4.1%	6,931	276,624	2.5%
2021-1	14,594	443,331	3.3%	8,645	208,435	4.1%	5,939	234,726	2.5%
2021-2	15,508	460,209	3.4%	9,131	217,809	4.2%	6,358	242,237	2.6%
2021-3	18,543	538,926	3.4%	10,932	254,358	4.3%	7,593	284,338	2.7%
2021-4	19,348	553,756	3.5%	11,152	259,586	4.3%	8,175	293,913	2.8%

2021-5	19,858	599,951	3.3%	11,618	282,236	4.1%	8,232	317,469	2.6%
2021-6	17,647	540,138	3.3%	10,334	251,802	4.1%	7,305	288,122	2.5%
2021-7	16,816	535,807	3.1%	9,777	250,694	3.9%	7,035	284,905	2.5%
2021-8	16,604	556,813	3.0%	9,622	260,072	3.7%	6,963	296,524	2.3%
2021-9	15,036	580,335	2.6%	8,716	269,585	3.2%	6,299	310,493	2.0%
2021-10	17,817	653,612	2.7%	10,335	303,225	3.4%	7,468	350,143	2.1%
2021-11	19,475	625,933	3.1%	11,532	293,722	3.9%	7,930	331,969	2.4%
2021-12	19,115	610,848	3.1%	11,781	288,466	4.1%	7,321	322,154	2.3%
2022-1	14,263	535,633	2.7%	8,661	253,664	3.4%	5,571	281,742	2.0%
2022-2	15,491	520,814	3.0%	9,121	245,079	3.7%	6,350	275,521	2.3%
2022-3	19,884	587,640	3.4%	11,769	277,317	4.2%	8,095	310,107	2.6%
2022-4	18,995	572,750	3.3%	11,255	270,246	4.2%	7,692	302,265	2.5%
2022-5	19,980	592,147	3.4%	12,095	277,130	4.4%	7,871	314,804	2.5%
2022-6	16,701	540,486	3.1%	9,883	251,167	3.9%	6,802	289,110	2.4%
2022-7	16,040	539,187	3.0%	9,164	248,869	3.7%	6,847	290,126	2.4%
2022-8	16,269	562,124	2.9%	9,302	258,846	3.6%	6,953	303,082	2.3%
2022-9	15,416	559,866	2.8%	8,762	255,439	3.4%	6,647	304,244	2.2%
2022-10	18,519	618,978	3.0%	10,567	283,711	3.7%	7,942	335,043	2.4%
2022-11	19,023	611,662	3.1%	11,187	283,138	4.0%	7,787	328,314	2.4%
2022-12	19,093	592,325	3.2%	11,431	276,473	4.1%	7,613	315,650	2.4%
2023-1	16,222	530,585	3.1%	9,552	247,003	3.9%	6,648	283,398	2.3%
2023-2	17,670	556,193	3.2%	10,530	259,980	4.1%	7,125	296,052	2.4%
2023-3	21,564	637,316	3.4%	12,822	298,590	4.3%	8,699	338,494	2.6%
2023-4	20,282	615,263	3.3%	12,099	288,593	4.2%	8,145	326,465	2.5%
2023-5	22,056	646,810	3.4%	13,033	302,782	4.3%	8,984	343,824	2.6%

Table 2 – Pediatric Mental Health Emergency Encounters

	General			Female [0-18]			Male [0-18]		
Period	Mental Health Dx	N	Mental Health Dx %	Mental Health Dx	N	Mental Health Dx %	Mental Health Dx	N	Mental Health Dx %
2015-1	4,306	207,098	2.1%	2,456	99,822	2.5%	1,848	107,256	1.7%
2015-2	5,038	182,791	2.8%	2,920	88,640	3.3%	2,117	94,139	2.2%
2015-3	6,019	211,322	2.8%	3,496	102,013	3.4%	2,520	109,285	2.3%
2015-4	5,879	203,401	2.9%	3,428	97,821	3.5%	2,447	105,550	2.3%
2015-5	6,641	207,753	3.2%	3,917	98,875	4.0%	2,722	108,852	2.5%
2015-6	5,324	185,727	2.9%	3,093	87,750	3.5%	2,231	97,964	2.3%
2015-7	4,603	172,564	2.7%	2,679	82,434	3.2%	1,922	90,113	2.1%
2015-8	4,822	172,168	2.8%	2,778	81,802	3.4%	2,040	90,346	2.3%

2015-9	5,784	189,901	3.0%	3,297	88,615	3.7%	2,484	101,264	2.5%
2015-10	6,683	208,499	3.2%	3,779	97,782	3.9%	2,902	110,695	2.6%
2015-11	6,532	205,599	3.2%	3,708	97,533	3.8%	2,822	108,044	2.6%
2015-12	6,333	217,657	2.9%	3,691	105,268	3.5%	2,639	112,368	2.3%
2016-1	4,825	204,215	2.4%	2,821	98,577	2.9%	2,002	105,618	1.9%
2016-2	5,879	206,858	2.8%	3,425	100,040	3.4%	2,451	106,794	2.3%
2016-3	6,592	252,284	2.6%	3,802	121,422	3.1%	2,790	130,844	2.1%
2016-4	6,322	222,849	2.8%	3,607	107,413	3.4%	2,711	115,410	2.3%
2016-5	7,102	223,135	3.2%	4,136	106,491	3.9%	2,963	116,620	2.5%
2016-6	5,763	205,258	2.8%	3,341	96,906	3.4%	2,422	108,332	2.2%
2016-7	4,992	191,775	2.6%	2,980	91,587	3.3%	2,011	100,169	2.0%
2016-8	5,092	192,103	2.7%	3,043	91,845	3.3%	2,048	100,239	2.0%
2016-9	6,361	213,297	3.0%	3,694	100,949	3.7%	2,667	112,332	2.4%
2016-10	7,598	233,108	3.3%	4,363	109,602	4.0%	3,235	123,485	2.6%
2016-11	7,975	237,176	3.4%	4,631	113,217	4.1%	3,341	123,927	2.7%
2016-12	7,821	248,742	3.1%	4,627	120,726	3.8%	3,192	127,983	2.5%
2017-1	6,688	269,443	2.5%	3,962	130,931	3.0%	2,721	138,483	2.0%
2017-2	8,801	299,145	2.9%	5,169	145,120	3.6%	3,626	153,991	2.4%
2017-3	9,806	342,423	2.9%	5,694	165,456	3.4%	4,108	176,937	2.3%
2017-4	10,026	319,635	3.1%	5,922	154,200	3.8%	4,094	165,400	2.5%
2017-5	12,097	316,788	3.8%	7,277	152,213	4.8%	4,814	164,540	2.9%
2017-6	9,800	287,923	3.4%	5,791	137,046	4.2%	4,003	150,840	2.7%
2017-7	8,096	272,897	3.0%	4,898	129,952	3.8%	3,193	142,903	2.2%
2017-8	8,486	271,021	3.1%	4,956	129,187	3.8%	3,529	141,804	2.5%
2017-9	10,212	296,798	3.4%	5,869	139,631	4.2%	4,339	157,121	2.8%
2017-10	13,114	333,529	3.9%	7,647	156,254	4.9%	5,463	177,243	3.1%
2017-11	13,201	342,035	3.9%	7,699	163,860	4.7%	5,499	178,147	3.1%
2017-12	13,072	384,403	3.4%	7,729	186,203	4.2%	5,342	198,165	2.7%
2018-1	9,199	375,989	2.4%	5,406	181,857	3.0%	3,789	194,095	2.0%
2018-2	11,285	396,052	2.8%	6,632	192,747	3.4%	4,649	203,262	2.3%
2018-3	13,498	387,861	3.5%	7,686	187,222	4.1%	5,808	200,591	2.9%
2018-4	12,795	337,872	3.8%	7,402	163,598	4.5%	5,382	174,234	3.1%
2018-5	14,473	362,081	4.0%	8,401	173,746	4.8%	6,066	188,289	3.2%
2018-6	11,796	332,158	3.6%	6,758	158,174	4.3%	5,033	173,953	2.9%
2018-7	9,804	313,358	3.1%	5,868	150,426	3.9%	3,934	162,904	2.4%
2018-8	10,483	308,585	3.4%	6,208	148,679	4.2%	4,270	159,866	2.7%
2018-9	12,908	347,261	3.7%	7,519	164,476	4.6%	5,385	182,754	2.9%
2018-10	16,302	384,057	4.2%	9,433	181,700	5.2%	6,861	202,323	3.4%
2018-11	16,108	373,489	4.3%	9,359	179,071	5.2%	6,737	194,371	3.5%
2018-12	15,489	403,967	3.8%	9,111	196,887	4.6%	6,369	207,032	3.1%
2019-1	11,487	396,012	2.9%	6,706	191,986	3.5%	4,774	203,989	2.3%

2019-2	12,581	361,244	3.5%	7,539	175,864	4.3%	5,040	185,338	2.7%
2019-3	15,214	427,052	3.6%	8,973	207,436	4.3%	6,233	219,572	2.8%
2019-4	14,867	401,256	3.7%	8,762	193,839	4.5%	6,090	207,359	2.9%
2019-5	16,007	395,892	4.0%	9,521	190,094	5.0%	6,477	205,751	3.1%
2019-6	12,675	355,828	3.6%	7,431	169,319	4.4%	5,240	186,465	2.8%
2019-7	11,057	329,771	3.4%	6,512	157,667	4.1%	4,541	172,065	2.6%
2019-8	11,796	329,428	3.6%	6,962	157,352	4.4%	4,829	172,041	2.8%
2019-9	14,735	373,921	3.9%	8,609	175,813	4.9%	6,122	198,066	3.1%
2019-10	18,718	422,484	4.4%	10,821	199,425	5.4%	7,890	223,016	3.5%
2019-11	17,985	425,445	4.2%	10,604	203,852	5.2%	7,372	221,544	3.3%
2019-12	17,013	479,283	3.5%	10,030	232,168	4.3%	6,975	247,067	2.8%
2020-1	13,127	476,731	2.8%	7,732	230,692	3.4%	5,390	245,998	2.2%
2020-2	16,279	453,241	3.6%	9,719	219,807	4.4%	6,548	233,388	2.8%
2020-3	16,717	420,104	4.0%	9,950	202,634	4.9%	6,764	217,439	3.1%
2020-4	8,411	177,898	4.7%	5,202	86,009	6.0%	3,206	91,870	3.5%
2020-5	8,698	141,878	6.1%	5,307	69,064	7.7%	3,386	72,799	4.7%
2020-6	9,674	181,567	5.3%	5,949	87,491	6.8%	3,723	94,060	4.0%
2020-7	11,064	224,128	4.9%	6,899	109,271	6.3%	4,158	114,832	3.6%
2020-8	12,231	231,647	5.3%	7,758	113,653	6.8%	4,467	117,957	3.8%
2020-9	13,728	233,954	5.9%	8,853	113,829	7.8%	4,863	120,087	4.0%
2020-10	16,876	259,305	6.5%	10,798	125,658	8.6%	6,069	133,600	4.5%
2020-11	16,603	247,269	6.7%	10,548	121,283	8.7%	6,042	125,950	4.8%
2020-12	15,108	232,659	6.5%	9,755	115,866	8.4%	5,343	116,756	4.6%
2021-1	11,785	208,854	5.6%	7,699	103,139	7.5%	4,081	105,685	3.9%
2021-2	13,562	204,428	6.6%	8,840	101,404	8.7%	4,713	102,998	4.6%
2021-3	16,833	256,214	6.6%	11,077	126,007	8.8%	5,747	130,164	4.4%
2021-4	16,849	300,362	5.6%	10,960	145,399	7.5%	5,879	154,917	3.8%
2021-5	19,304	357,809	5.4%	12,803	172,761	7.4%	6,493	185,012	3.5%
2021-6	15,931	363,613	4.4%	10,320	173,949	5.9%	5,600	189,607	3.0%
2021-7	13,884	389,508	3.6%	8,997	187,524	4.8%	4,883	201,942	2.4%
2021-8	13,932	425,974	3.3%	8,961	205,001	4.4%	4,959	220,930	2.2%
2021-9	16,895	468,345	3.6%	10,936	223,523	4.9%	5,941	244,754	2.4%
2021-10	21,282	483,550	4.4%	13,780	229,815	6.0%	7,477	253,654	2.9%
2021-11	20,875	449,767	4.6%	13,411	215,049	6.2%	7,450	234,658	3.2%
2021-12	20,128	469,149	4.3%	12,868	227,745	5.7%	7,241	241,342	3.0%
2022-1	13,610	442,006	3.1%	8,810	214,586	4.1%	4,788	227,361	2.1%
2022-2	15,855	320,479	4.9%	10,192	155,550	6.6%	5,657	164,893	3.4%
2022-3	20,171	408,830	4.9%	13,027	197,729	6.6%	7,135	211,042	3.4%
2022-4	19,561	442,045	4.4%	12,459	213,796	5.8%	7,090	228,183	3.1%
2022-5	20,462	501,469	4.1%	13,074	240,004	5.4%	7,379	261,391	2.8%
2022-6	16,266	477,903	3.4%	10,101	226,013	4.5%	6,151	251,810	2.4%

2022-7	13,377	432,564	3.1%	8,473	205,268	4.1%	4,901	227,246	2.2%
2022-8	14,235	436,518	3.3%	8,947	206,857	4.3%	5,279	229,604	2.3%
2022-9	17,681	515,656	3.4%	11,027	241,001	4.6%	6,644	274,590	2.4%
2022-10	21,316	605,460	3.5%	13,284	282,934	4.7%	8,021	322,438	2.5%
2022-11	20,709	695,723	3.0%	13,031	331,906	3.9%	7,667	363,740	2.1%
2022-12	19,274	668,453	2.9%	12,092	322,223	3.8%	7,169	346,154	2.1%
2023-1	16,906	497,884	3.4%	10,871	240,795	4.5%	6,026	257,021	2.3%
2023-2	20,267	455,453	4.4%	13,243	221,315	6.0%	7,013	234,081	3.0%
2023-3	22,799	543,191	4.2%	14,609	263,139	5.6%	8,174	279,975	2.9%
2023-4	20,799	522,533	4.0%	13,281	252,482	5.3%	7,508	269,992	2.8%
2023-5	22,713	551,365	4.1%	14,329	265,201	5.4%	8,367	286,068	2.9%

Table 3 – Pediatric Mental Health Hospital Encounters

	General			Female [0-18]			Male [0-18]		
Period	Mental Health Dx	N	Mental Health Dx %	Mental Health Dx	N	Mental Health Dx %	Mental Health Dx	N	Mental Health Dx %
2015-1	1,988	40,193	4.9%	1,187	19,282	6.2%	801	20,906	3.8%
2015-2	2,292	38,819	5.9%	1,355	18,806	7.2%	935	20,003	4.7%
2015-3	2,512	43,630	5.8%	1,488	21,077	7.1%	1,023	22,549	4.5%
2015-4	2,494	41,604	6.0%	1,497	20,249	7.4%	996	21,348	4.7%
2015-5	2,791	42,532	6.6%	1,662	20,449	8.1%	1,128	22,080	5.1%
2015-6	2,328	40,263	5.8%	1,419	19,498	7.3%	909	20,763	4.4%
2015-7	2,166	41,451	5.2%	1,282	19,949	6.4%	883	21,497	4.1%
2015-8	2,330	42,899	5.4%	1,364	20,734	6.6%	965	22,159	4.4%
2015-9	2,454	42,587	5.8%	1,444	20,438	7.1%	1,009	22,142	4.6%
2015-10	2,891	44,524	6.5%	1,707	21,498	7.9%	1,183	23,020	5.1%
2015-11	3,007	43,219	7.0%	1,729	20,890	8.3%	1,278	22,326	5.7%
2015-12	2,912	45,015	6.5%	1,704	21,756	7.8%	1,208	23,257	5.2%
2016-1	2,296	43,390	5.3%	1,369	20,850	6.6%	926	22,534	4.1%
2016-2	2,553	42,729	6.0%	1,507	20,514	7.3%	1,045	22,210	4.7%
2016-3	2,798	46,148	6.1%	1,634	22,062	7.4%	1,162	24,080	4.8%
2016-4	2,664	43,868	6.1%	1,607	21,051	7.6%	1,056	22,811	4.6%
2016-5	2,939	45,538	6.5%	1,692	21,899	7.7%	1,246	23,635	5.3%
2016-6	2,547	43,870	5.8%	1,498	21,143	7.1%	1,048	22,722	4.6%
2016-7	2,469	46,292	5.3%	1,435	22,398	6.4%	1,034	23,892	4.3%
2016-8	2,530	47,657	5.3%	1,488	23,036	6.5%	1,042	24,609	4.2%
2016-9	3,017	48,163	6.3%	1,731	23,370	7.4%	1,284	24,789	5.2%
2016-10	3,458	50,204	6.9%	2,014	24,431	8.2%	1,443	25,763	5.6%

2016-11	3,467	49,794	7.0%	2,015	24,133	8.3%	1,451	25,651	5.7%
2016-12	3,460	52,072	6.6%	2,016	25,239	8.0%	1,444	26,825	5.4%
2017-1	2,903	62,556	4.6%	1,732	30,046	5.8%	1,169	32,505	3.6%
2017-2	3,625	69,832	5.2%	2,152	33,660	6.4%	1,472	36,163	4.1%
2017-3	4,038	77,716	5.2%	2,343	37,511	6.2%	1,695	40,190	4.2%
2017-4	4,039	75,883	5.3%	2,317	36,713	6.3%	1,722	39,165	4.4%
2017-5	4,569	78,312	5.8%	2,788	37,927	7.4%	1,779	40,378	4.4%
2017-6	3,811	75,206	5.1%	2,230	36,422	6.1%	1,579	38,769	4.1%
2017-7	3,562	77,827	4.6%	2,082	37,355	5.6%	1,480	40,453	3.7%
2017-8	3,646	80,025	4.6%	2,071	38,676	5.4%	1,574	41,332	3.8%
2017-9	4,031	80,599	5.0%	2,357	38,657	6.1%	1,673	41,930	4.0%
2017-10	4,695	84,955	5.5%	2,672	41,322	6.5%	2,022	43,613	4.6%
2017-11	4,842	79,710	6.1%	2,808	38,398	7.3%	2,032	41,295	4.9%
2017-12	4,797	78,309	6.1%	2,842	37,854	7.5%	1,955	40,443	4.8%
2018-1	3,544	75,093	4.7%	2,001	36,446	5.5%	1,542	38,629	4.0%
2018-2	3,964	70,117	5.7%	2,338	33,665	6.9%	1,625	36,437	4.5%
2018-3	4,663	79,078	5.9%	2,664	38,216	7.0%	1,998	40,855	4.9%
2018-4	4,428	75,994	5.8%	2,597	36,807	7.1%	1,828	39,172	4.7%
2018-5	4,762	78,893	6.0%	2,796	38,251	7.3%	1,965	40,624	4.8%
2018-6	4,126	76,581	5.4%	2,343	37,110	6.3%	1,781	39,459	4.5%
2018-7	3,943	79,368	5.0%	2,269	38,434	5.9%	1,671	40,918	4.1%
2018-8	4,013	81,477	4.9%	2,298	39,632	5.8%	1,715	41,834	4.1%
2018-9	4,507	81,489	5.5%	2,598	39,206	6.6%	1,907	42,268	4.5%
2018-10	5,185	85,440	6.1%	3,037	41,561	7.3%	2,147	43,863	4.9%
2018-11	5,271	81,416	6.5%	3,107	39,558	7.9%	2,159	41,843	5.2%
2018-12	5,086	85,163	6.0%	3,040	41,633	7.3%	2,044	43,507	4.7%
2019-1	3,951	82,409	4.8%	2,309	39,893	5.8%	1,639	42,507	3.9%
2019-2	4,277	75,666	5.7%	2,572	36,941	7.0%	1,704	38,711	4.4%
2019-3	4,953	83,375	5.9%	2,904	40,196	7.2%	2,049	43,172	4.7%
2019-4	4,618	79,712	5.8%	2,763	38,525	7.2%	1,855	41,172	4.5%
2019-5	5,124	83,438	6.1%	3,119	40,132	7.8%	2,003	43,291	4.6%
2019-6	4,222	80,312	5.3%	2,474	38,634	6.4%	1,745	41,654	4.2%
2019-7	3,978	83,869	4.7%	2,252	40,314	5.6%	1,724	43,546	4.0%
2019-8	4,236	86,803	4.9%	2,420	42,393	5.7%	1,815	44,398	4.1%
2019-9	4,870	87,108	5.6%	2,871	42,465	6.8%	1,998	44,631	4.5%
2019-10	5,914	92,528	6.4%	3,456	45,036	7.7%	2,452	47,469	5.2%
2019-11	5,776	88,997	6.5%	3,423	43,270	7.9%	2,350	45,713	5.1%
2019-12	5,593	92,073	6.1%	3,289	44,682	7.4%	2,301	47,378	4.9%
2020-1	4,217	89,641	4.7%	2,526	43,440	5.8%	1,691	46,188	3.7%
2020-2	5,209	85,292	6.1%	3,197	41,360	7.7%	2,009	43,910	4.6%
2020-3	5,254	89,727	5.9%	3,162	43,289	7.3%	2,088	46,418	4.5%

2020-4	3,169	74,280	4.3%	1,913	36,328	5.3%	1,254	37,939	3.3%
2020-5	3,440	76,681	4.5%	2,078	37,532	5.5%	1,356	39,136	3.5%
2020-6	3,943	79,185	5.0%	2,392	38,672	6.2%	1,549	40,499	3.8%
2020-7	4,202	84,781	5.0%	2,548	41,426	6.2%	1,650	43,338	3.8%
2020-8	4,625	87,363	5.3%	2,886	42,748	6.8%	1,736	44,602	3.9%
2020-9	4,861	85,062	5.7%	3,094	41,812	7.4%	1,762	43,234	4.1%
2020-10	5,613	87,876	6.4%	3,684	43,282	8.5%	1,926	44,578	4.3%
2020-11	5,503	83,773	6.6%	3,554	41,399	8.6%	1,948	42,365	4.6%
2020-12	5,319	82,859	6.4%	3,489	40,928	8.5%	1,827	41,916	4.4%
2021-1	4,299	78,198	5.5%	2,850	38,447	7.4%	1,443	39,739	3.6%
2021-2	4,682	74,554	6.3%	3,094	36,666	8.4%	1,586	37,881	4.2%
2021-3	5,740	87,493	6.6%	3,797	43,148	8.8%	1,942	44,336	4.4%
2021-4	5,753	87,777	6.6%	3,755	42,755	8.8%	1,998	45,017	4.4%
2021-5	6,253	94,556	6.6%	4,168	46,030	9.1%	2,081	48,504	4.3%
2021-6	5,241	93,572	5.6%	3,397	45,486	7.5%	1,841	48,071	3.8%
2021-7	4,849	100,147	4.8%	3,126	48,865	6.4%	1,721	51,265	3.4%
2021-8	4,904	102,696	4.8%	3,117	50,095	6.2%	1,786	52,588	3.4%
2021-9	5,321	102,085	5.2%	3,474	49,978	7.0%	1,841	52,091	3.5%
2021-10	6,247	106,657	5.9%	4,159	52,127	8.0%	2,083	54,503	3.8%
2021-11	6,222	103,724	6.0%	4,121	50,816	8.1%	2,098	52,887	4.0%
2021-12	6,036	104,309	5.8%	3,952	51,073	7.7%	2,082	53,224	3.9%
2022-1	4,540	98,298	4.6%	3,006	47,809	6.3%	1,533	50,480	3.0%
2022-2	5,106	89,120	5.7%	3,389	43,643	7.8%	1,715	45,459	3.8%
2022-3	6,043	102,003	5.9%	3,962	49,779	8.0%	2,079	52,205	4.0%
2022-4	5,750	99,472	5.8%	3,649	48,499	7.5%	2,099	50,957	4.1%
2022-5	5,952	103,159	5.8%	3,909	50,409	7.8%	2,036	52,722	3.9%
2022-6	4,987	102,029	4.9%	3,113	49,634	6.3%	1,870	52,376	3.6%
2022-7	4,667	107,232	4.4%	2,956	51,926	5.7%	1,710	55,292	3.1%
2022-8	4,851	111,620	4.3%	3,082	54,407	5.7%	1,767	57,187	3.1%
2022-9	5,427	112,322	4.8%	3,402	54,544	6.2%	2,017	57,757	3.5%
2022-10	5,992	117,204	5.1%	3,853	56,879	6.8%	2,138	60,301	3.5%
2022-11	5,957	119,382	5.0%	3,857	57,841	6.7%	2,094	61,525	3.4%
2022-12	5,867	120,874	4.9%	3,683	58,814	6.3%	2,181	62,043	3.5%
2023-1	5,246	112,180	4.7%	3,348	54,372	6.2%	1,895	57,789	3.3%
2023-2	5,970	100,595	5.9%	3,891	49,115	7.9%	2,076	51,465	4.0%
2023-3	6,715	112,292	6.0%	4,328	54,831	7.9%	2,383	57,446	4.1%
2023-4	6,071	106,427	5.7%	3,884	51,667	7.5%	2,183	54,744	4.0%
2023-5	6,530	111,177	5.9%	4,168	54,526	7.6%	2,359	56,626	4.2%