

Psychiatric Inpatient Service Use<sup>a</sup> in 2009 and 2014, among Children and Adolescents  
Aged 2-18 Years with Private Insurance, by Facility Type<sup>b</sup>, Northeast

Year	Acute Care Hospital, Non-Psych Bed				Acute Care Hospital, Psych/Detox Bed				Specialty Psych Hospital			
	2009		2014		2009		2014		2009		2014	
<i>Enrollees with at least 1 inpatient stay (Person-level)</i>												
	N	%	N	%	N	%	N	%	N	%	N	%
Enrollees ages 2-18 years with One or More Inpatient Stays	372	0.017%	545	0.025%	2,332	0.106%	3,186	0.146%	661	0.030%	987	0.045%
<i>Age group</i>												
Age 2 - 5 years	11	2.96%	18	3.30%	8	0.34%	3	0.09%	3	0.45%	4	0.41%
Age 6 - 10 years	29	7.80%	40	7.34%	143	6.13%	110	3.45%	45	6.81%	47	4.76%
Age 11 - 14 years	77	20.70%	131	24.04%	554	23.76%	807	25.33%	155	23.45%	259	26.24%
Age 15 - 18 years	255	68.55%	356	65.32%	1,627	69.77%	2,266	71.12%	458	69.29%	677	68.59%
<i>Gender</i>												
Male	152	40.86%	193	35.41%	1,115	47.81%	1,226	38.48%	309	46.75%	393	39.82%
Female	220	59.14%	352	64.59%	1,217	52.19%	1,960	61.52%	352	53.25%	594	60.18%
<i>Inpatient Stays (Encounter-level)</i>												
<i>Principal Diagnoses</i>												
Adjustment Disorders	10	2.43%	6	0.98%	111	3.88%	99	2.45%	26	3.19%	14	1.19%
Anxiety Disorders	18	4.38%	38	6.19%	100	3.49%	166	4.10%	34	4.17%	60	5.11%
ADD, conduct, and disruptive behavior disorders	17	4.14%	15	2.44%	162	5.66%	154	3.81%	58	7.11%	49	4.17%
Disorders usually diagnosed in infancy, childhood, or adolescence	27	6.57%	34	5.54%	80	2.79%	66	1.63%	25	3.06%	11	0.94%

Impulse control disorders, NEC	1	0.24%	3	0.49%	114	3.98%	112	2.77%	21	2.57%	22	1.87%
Mood disorders	107	26.03%	189	30.78%	2,062	72.00%	3,181	78.60%	594	72.79%	953	81.11%
Personality disorders	1	0.24%	3	0.49%	4	0.14%	11	0.27%	1	0.12%		
Schizophrenia and other psychotic disorders	8	1.95%	17	2.77%	92	3.21%	120	2.97%	25	3.06%	42	3.57%
Substance/Alcohol-related disorders	48	11.68%	48	7.82%	68	2.37%	47	1.16%	27	3.31%	19	1.62%
Other Mental Health Disorder	100	24.33%	126	20.52%	60	2.09%	84	2.08%	5	0.61%	5	0.43%
Other Non-Behavioral Health Disorders with Injury/Suicidal Secondary Codes	74	18.00%	135	21.99%	11	0.38%	7	0.17%				
Average Payment	\$9,461.47		\$13,288.87		\$8,088.16		\$11,901.67		\$7,165.33		\$9,855.85	
Average Length of Stay (days)	5.03		4.92		7.74		8.19		8.36		8.78	

Abbreviations: psych, psychiatric; detox, detoxification; ADD, attention deficit disorder; NEC, not elsewhere classified;

<sup>a</sup> Psychiatric inpatient stays were identified as inpatient stays in either an acute care hospital or a specialty psych hospital where the claim records indicated a primary mental health diagnosis or a secondary diagnosis of an intent-to-harm-self external injury code or a suicidal ideation code.

<sup>b</sup> The data source for this study was the Truven Health Analytics MarketScan® Commercial Database.

Psychiatric Inpatient Service Use<sup>a</sup> in 2009 and 2014, among Children and Adolescents  
Aged 2-18 Years with Private Insurance, by Facility Type<sup>b</sup>, North Central

Year	Acute Care Hospital, Non-Psych Bed				Acute Care Hospital, Psych/Detox Bed				Specialty Psych Hospital			
	2009		2014		2009		2014		2009		2014	
<i>Enrollees with at least 1 inpatient stay (Person-level)</i>												
	N	%	N	%	N	%	N	%	N	%	N	%
Enrollees ages 2-18 years with One or More Inpatient Stays	467	0.015%	647	0.028%	3,579	0.115%	4,609	0.155%	677	0.022%	667	0.029%
<b>Age group</b>												
Age 2 - 5 years	5	1.07%	7	1.08%	6	0.17%	1	0.02%	1	0.15%		
Age 6 - 10 years	33	7.07%	32	4.95%	239	6.68%	206	4.47%	36	5.32%	31	4.65%
Age 11 - 14 years	96	20.56%	165	25.50%	796	22.24%	1,170	25.39%	167	24.67%	190	28.49%
Age 15 - 18 years	333	71.31%	443	68.47%	2,538	70.91%	3,232	70.12%	473	69.87%	446	66.87%
<b>Gender</b>												
Male	228	48.82%	234	36.17%	1,745	48.76%	1,839	39.90%	340	50.22%	263	39.43%
Female	239	51.18%	413	63.83%	1,834	51.24%	2,770	60.10%	337	49.78%	404	60.57%
<i>Inpatient Stays (Encounter-level)</i>												
<b>Principal Diagnoses</b>												
Adjustment Disorders	14	2.70%	4	0.57%	172	3.88%	139	2.38%	16	1.88%	13	1.61%
Anxiety Disorders	16	3.09%	19	2.70%	220	4.97%	182	3.12%	32	3.77%	19	2.35%
ADD, conduct, and disruptive behavior disorders	33	6.37%	20	2.84%	310	7.00%	177	3.03%	35	4.12%	16	1.98%
Disorders usually diagnosed in infancy, childhood, or adolescence	11	2.12%	14	1.99%	58	1.31%	66	1.13%	5	0.59%	6	0.74%
Impulse control disorders, NEC	6	1.16%	1	0.14%	65	1.47%	92	1.58%	14	1.65%	16	1.98%
Mood disorders	187	36.10%	249	35.37%	3,277	73.96%	4,810	82.41%	662	77.97%	691	85.52%
Personality disorders	1	0.19%	2	0.28%	15	0.34%	12	0.21%	4	0.47%		
Schizophrenia and other psychotic disorders	5	0.97%	12	1.70%	134	3.02%	200	3.43%	27	3.18%	17	2.10%

Substance/Alcohol-related disorders	85	16.41%	44	6.25%	117	2.64%	57	0.98%	38	4.48%	19	2.35%
Other Mental Health Disorder	57	11.00%	125	17.76%	54	1.22%	75	1.28%	14	1.65%	11	1.36%
Other Non-Behavioral Health Disorders with Injury/Suicidal Secondary Codes	103	19.88%	214	30.40%	9	0.20%	27	0.46%	2	0.24%		
Average Payment	\$7,780.31		\$11,351.52		\$6,447.67		\$8,833.31		\$5,762.53		\$7,574.74	
Average Length of Stay (days)	5.30		4.71		5.81		5.78		5.61		6.30	

Abbreviations: psych, psychiatric; detox, detoxification; ADD, attention deficit disorder; NEC, not elsewhere classified;

<sup>a</sup> Psychiatric inpatient stays were identified as inpatient stays in either an acute care hospital or a specialty psych hospital where the claim records indicated a primary mental health diagnosis or a secondary diagnosis of an intent-to-harm-self external injury code or a suicidal ideation code.

<sup>b</sup> The data source for this study was the Truven Health Analytics MarketScan® Commercial Database.

Psychiatric Inpatient Service Use<sup>a</sup> in 2009 and 2014, among Children and Adolescents  
Aged 2-18 Years with Private Insurance, by Facility Type<sup>b</sup>, South

Year	Acute Care Hospital, Non-Psych Bed				Acute Care Hospital, Psych/Detox Bed				Specialty Psych Hospital			
	2009		2014		2009		2014		2009		2014	
<i>Enrollees with at least 1 inpatient stay (Person-level)</i>												
	N	%	N	%	N	%	N	%	N	%	N	%
Enrollees ages 2-18 years with One or More Inpatient Stays	430	0.009%	517	0.013%	3,719	0.077%	5,291	0.137%	2,494	0.052%	1,980	0.051%
<i>Age group</i>												
Age 2 - 5 years	11	2.56%	10	1.93%	10	0.27%	13	0.25%	5	0.20%	2	0.10%
Age 6 - 10 years	34	7.91%	28	5.42%	243	6.53%	269	5.08%	146	5.85%	82	4.14%
Age 11 - 14 years	84	19.53%	117	22.63%	925	24.87%	1,497	28.29%	593	23.78%	522	26.36%
Age 15 - 18 years	301	70.00%	362	70.02%	2,541	68.32%	3,512	66.38%	1,750	70.17%	1,374	69.39%
<i>Gender</i>												
Male	189	43.95%	199	38.49%	1,852	49.80%	2,153	40.69%	1,277	51.20%	803	40.56%
Female	241	56.05%	318	61.51%	1,867	50.20%	3,138	59.31%	1,217	48.80%	1,177	59.44%
<i>Inpatient Stays (Encounter-level)</i>												
<i>Principal Diagnoses</i>												
Adjustment Disorders	5	1.08%	18	3.29%	125	2.78%	196	3.02%	47	1.53%	87	3.58%
Anxiety Disorders	23	4.97%	26	4.75%	139	3.09%	184	2.84%	52	1.69%	66	2.72%
ADD, conduct, and disruptive behavior disorders	17	3.67%	9	1.65%	229	5.09%	199	3.07%	96	3.13%	95	3.91%
Disorders usually diagnosed in infancy, childhood, or adolescence	24	5.18%	21	3.84%	37	0.82%	48	0.74%	29	0.94%	18	0.74%
Impulse control disorders, NEC			3	0.55%	85	1.89%	52	0.80%	39	1.27%	42	1.73%
Mood disorders	65	14.04%	86	15.72%	3,530	78.41%	5,424	83.66%	2,546	82.93%	1,979	81.54%

Personality disorders	3	0.65%	1	0.18%	14	0.31%	28	0.43%	13	0.42%	12	0.49%
Schizophrenia and other psychotic disorders	10	2.16%	7	1.28%	197	4.38%	199	3.07%	129	4.20%	72	2.97%
Substance/Alcohol-related disorders	88	19.01%	68	12.43%	71	1.58%	67	1.03%	104	3.39%	37	1.52%
Other Mental Health Disorder	117	25.27%	128	23.40%	61	1.35%	64	0.99%	15	0.49%	17	0.70%
Other Non-Behavioral Health Disorders with Injury/Suicidal Secondary Codes	111	23.97%	180	32.91%	14	0.31%	22	0.34%			2	0.08%
Average Payment	\$8,797.71		\$11,001.23		\$7,708.71		\$7,463.77		\$5,356.63		\$6,531.26	
Average Length of Stay (days)	4.10		4.46		6.43		6.07		6.43		6.34	

Abbreviations: psych, psychiatric; detox, detoxification; ADD, attention deficit disorder; NEC, not elsewhere classified;

<sup>a</sup> Psychiatric inpatient stays were identified as inpatient stays in either an acute care hospital or a specialty psych hospital where the claim records indicated a primary mental health diagnosis or a secondary diagnosis of an intent-to-harm-self external injury code or a suicidal ideation code.

<sup>b</sup> The data source for this study was the Truven Health Analytics MarketScan® Commercial Database.

Psychiatric Inpatient Service Use<sup>a</sup> in 2009 and 2014, among Children and Adolescents  
Aged 2-18 Years with Private Insurance, by Facility Type<sup>b</sup>, West

Year	Acute Care Hospital, Non-Psych Bed				Acute Care Hospital, Psych/Detox Bed				Specialty Psych Hospital			
	2009		2014		2009		2014		2009		2014	
<i>Enrollees with at least 1 inpatient stay (Person-level)</i>												
	N	%	N	%	N	%	N	%	N	%	N	%
Enrollees ages 2-18 years with One or More Inpatient Stays	216	0.009%	315	0.014%	1,578	0.067%	2,558	0.112%	426	0.018%	548	0.024%
<i>Age group</i>												
Age 2 - 5 years	11	5.09%	14	4.44%	5	0.32%	5	0.20%	1	0.23%	1	0.18%
Age 6 - 10 years	16	7.41%	16	5.08%	74	4.69%	69	2.70%	25	5.87%	7	1.28%
Age 11 - 14 years	36	16.67%	64	20.32%	372	23.57%	635	24.82%	89	20.89%	135	24.64%
Age 15 - 18 years	153	70.83%	221	70.16%	1,127	71.42%	1,849	72.28%	311	73.00%	405	73.91%
<i>Gender</i>												
Male	101	46.76%	108	34.29%	780	49.43%	995	38.90%	224	52.58%	202	36.86%
Female	115	53.24%	207	65.71%	798	50.57%	1,563	61.10%	202	47.42%	346	63.14%
<i>Inpatient Stays (Encounter-level)</i>												
<i>Principal Diagnoses</i>												
Adjustment Disorders	2	0.89%	2	0.60%	28	1.45%	55	1.69%	6	1.13%	9	1.35%
Anxiety Disorders	6	2.68%	5	1.51%	53	2.75%	86	2.65%	16	3.02%	18	2.70%
ADD, conduct, and disruptive behavior disorders	8	3.57%	3	0.91%	61	3.16%	57	1.76%	16	3.02%	7	1.05%
Disorders usually diagnosed in infancy, childhood, or adolescence	16	7.14%	19	5.74%	44	2.28%	45	1.39%	6	1.13%	7	1.05%
Impulse control disorders, NEC	1	0.45%	1	0.30%	28	1.45%	44	1.36%	16	3.02%	6	0.90%
Mood disorders	14	6.25%	24	7.25%	1,509	78.23%	2,733	84.20%	398	75.24%	574	86.06%

Personality disorders			1	0.30%	2	0.10%	2	0.06%	1	0.19%		
Schizophrenia and other psychotic disorders	7	3.13%	3	0.91%	115	5.96%	121	3.73%	35	6.62%	33	4.95%
Substance/Alcohol-related disorders	52	23.21%	41	12.39%	50	2.59%	40	1.23%	31	5.86%	9	1.35%
Other Mental Health Disorder	56	25.00%	86	25.98%	31	1.61%	39	1.20%	4	0.76%	4	0.60%
Other Non-Behavioral Health Disorders with Injury/Suicidal Secondary Codes	62	27.68%	146	44.11%	8	0.41%	24	0.74%				
Average Payment	\$11,534.82		\$18,638.13		\$8,822.61		\$10,622.17		\$10,434.03		\$9,440.09	
Average Length of Stay (days)	2.94		3.68		7.03		6.29		6.73		7.08	

Abbreviations: psych, psychiatric; detox, detoxification; ADD, attention deficit disorder; NEC, not elsewhere classified;

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<sup>b</sup> The data source for this study was the Truven Health Analytics MarketScan® Commercial Database.



Psychiatric Inpatient Service Use<sup>a</sup> in 2009 and 2014, among Children and Adolescents  
Aged 2-18 Years with Private Insurance, by Facility Type<sup>b</sup>, Region Unknown

Year	Acute Care Hospital, Non-Psych Bed				Acute Care Hospital, Psych/Detox Bed				Specialty Psych Hospital			
	2009		2014		2009		2014		2009		2014	
<i>Enrollees with at least 1 inpatient stay (Person-level)</i>												
	N	%	N	%	N	%	N	%	N	%	N	%
Enrollees ages 2-18 years with One or More Inpatient Stays	139	0.024%	63	0.023%	850	0.147%	437	0.158%	19	0.003%	34	0.012%
<i>Age group</i>												
Age 2 - 5 years	1	0.72%	1	1.59%	4	0.47%						
Age 6 - 10 years	15	10.79%	7	11.11%	59	6.94%	31	7.09%	1	5.26%	1	2.94%
Age 11 - 14 years	23	16.55%	14	22.22%	206	24.24%	117	26.77%	1	5.26%	9	26.47%
Age 15 - 18 years	100	71.94%	41	65.08%	581	68.35%	289	66.13%	17	89.47%	24	70.59%
<i>Gender</i>												
Male	67	48.20%	30	47.62%	418	49.18%	185	42.33%	8	42.11%	10	29.41%
Female	72	51.80%	33	52.38%	432	50.82%	252	57.67%	11	57.89%	24	70.59%
<i>Inpatient Stays (Encounter-level)</i>												
<i>Principal Diagnoses</i>												
Adjustment Disorders	1	0.64%	3	4.05%	34	3.33%	18	3.27%	1	4.55%	2	5.13%
Anxiety Disorders	5	3.21%	4	5.41%	52	5.09%	29	5.26%	1	4.55%	2	5.13%
ADD, conduct, and disruptive behavior disorders	8	5.13%	4	5.41%	41	4.02%	13	2.36%	1	4.55%	1	2.56%
Disorders usually diagnosed in infancy, childhood, or adolescence	5	3.21%	3	4.05%	13	1.27%	5	0.91%				
Impulse control disorders, NEC	1	0.64%			25	2.45%	5	0.91%			1	2.56%
Mood disorders	72	46.15%	34	45.95%	781	76.49%	444	80.58%	13	59.09%	32	82.05%

Personality disorders	1	0.64%			3	0.29%	1	0.18%	2	9.09%		
Schizophrenia and other psychotic disorders	3	1.92%	3	4.05%	39	3.82%	22	3.99%	2	9.09%	1	2.56%
Substance/Alcohol-related disorders	13	8.33%	5	6.76%	26	2.55%	4	0.73%	2	9.09%		
Other Mental Health Disorder	18	11.54%	5	6.76%	6	0.59%	6	1.09%				
Other Non-Behavioral Health Disorders with Injury/Suicidal Secondary Codes	29	18.59%	13	17.57%	1	0.10%	4	0.73%				
Average Payment	\$7,909.83		\$10,392.42		\$7,286.36		\$9,312.98		\$9,806.69		\$10,414.51	
Average Length of Stay (days)	5.31		5.51		6.68		6.33		8.55		8.26	

Abbreviations: psych, psychiatric; detox, detoxification; ADD, attention deficit disorder; NEC, not elsewhere classified;

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