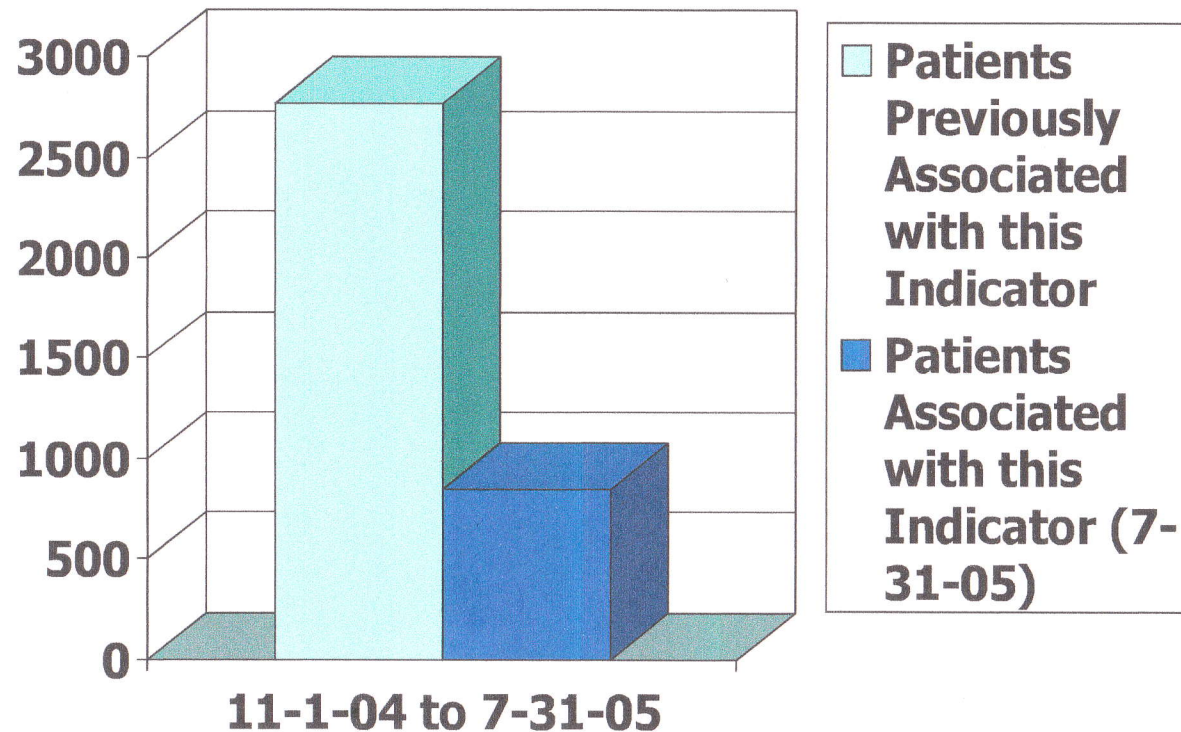


# Quality Indicator: Children on Three or More Psychotropics

- The number of patients associated with this indicator decreased from 2773 to 847 (69%)



CNS Pennsylvania BPM  
presentation to Medical Assistance  
Advisory Committee Oct. 27, 2005  
[www.dpw.state.pa.us/](http://www.dpw.state.pa.us/)

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## Pennsylvania Behavioral Pharmacy Report For Children

Children Under 18

11/01/2004 through 01/31/2005

### Total Behavioral Pharmacy

Drug Class	Patients	Prescribers	Claims	Paid	PUPM	PMPM	% of Total Patients	% of Total Prescribers
Any Atypical Antipsychotics	7,770	1,342	28,663	\$4,187,614	\$179.65	\$0.00	30.12%	30.37%
Any Typical Antipsychotics	176	111	649	\$17,294	\$32.75	\$0.00	0.68%	2.51%
Any Anxiolytics/Sedative Hypnotics	2,137	1,092	5,728	\$182,118	\$28.41	\$0.00	8.28%	24.71%
Any Antidepressants	8,144	1,962	25,615	\$1,277,508	\$52.29	\$0.00	31.57%	44.40%
Any Anticonvulsants/Mood Stabilizers	5,356	1,467	21,999	\$1,784,266	\$111.04	\$0.00	20.76%	33.20%
Any Sympathomimetics/Stimulants	15,660	2,733	57,411	\$3,722,301	\$79.23	\$0.00	60.71%	61.85%
Any Antidyskinetics	1,800	890	3,419	\$39,626	\$7.34	\$0.00	6.98%	20.14%
Any Substance Abuse	20	20	63	\$7,598	\$126.63	\$0.00	0.08%	0.45%
Any ADHD Non-Stimulant	4,500	1,338	13,914	\$1,089,252	\$80.69	\$0.00	17.45%	30.28%
<b>Total for all Claims</b>	<b>25,795</b>	<b>4,419</b>	<b>143,467</b>	<b>\$11,200,932</b>	<b>\$144.74</b>	<b>\$0.00</b>	<b>100.00%</b>	<b>100.00%</b>

### Quality Indicators

Description	Patient Report Claims						All Patient Behavioral Health			
	Patients	Prescribers	Claims	Paid	PUPM	PMPM	Claims	Paid	PUPM	PMPM
<b>Poly Pharm (2 or more)</b>										
1.) Atypical Antipsychotics (>= 2) <sup>1</sup>	121	86	1,029	\$197,183	\$543.20	\$0.00	2,215	\$275,311	\$758.43	\$0.00
2.) Typical Antipsychotics (>= 2) <sup>1</sup>	1	1	11	\$1,097	\$365.54	\$0.00	35	\$3,210	\$1,069.88	\$0.00
3.) Any Antipsychotics (>=2) <sup>1</sup>	157	104	1,472	\$250,567	\$531.99	\$0.00	3,110	\$353,367	\$750.25	\$0.00
4.) Benzodiazepines (>= 2) <sup>1</sup>	6	10	53	\$1,439	\$79.96	\$0.00	107	\$9,178	\$509.89	\$0.00
5.) Sedative Hypnotics (>= 2) <sup>1</sup>	0	0	0	\$0	\$0.00	\$0.00	0	\$0	\$0.00	\$0.00
6.) SSRIs (>= 2) <sup>1</sup>	7	12	41	\$2,357	\$112.25	\$0.00	117	\$10,721	\$510.52	\$0.00
7.) TCAs (>= 2) <sup>1</sup>	1	2	6	\$88	\$29.26	\$0.00	15	\$1,579	\$526.48	\$0.00
8.) Stimulants (>= 2) <sup>1</sup>	367	251	2,835	\$207,302	\$188.28	\$0.00	4,770	\$363,275	\$329.95	\$0.00
9.) Antidyskinetics (>= 2) <sup>1</sup>	1	1	4	\$56	\$18.70	\$0.00	11	\$1,173	\$391.07	\$0.00
<b>Poly Pharm (3 or more)</b>										
10.) Atypical Antipsychotics (>= 3) <sup>1</sup>	3	4	37	\$7,656	\$850.66	\$0.00	70	\$9,858	\$1,095.39	\$0.00
11.) Typical Antipsychotics (>= 3) <sup>1</sup>	0	0	0	\$0	\$0.00	\$0.00	0	\$0	\$0.00	\$0.00
12.) Any Antipsychotics (>=3) <sup>1</sup>	6	7	88	\$16,518	\$917.67	\$0.00	170	\$22,118	\$1,228.76	\$0.00
13.) Benzodiazepines (>= 3) <sup>1</sup>	1	2	13	\$799	\$266.47	\$0.00	24	\$1,012	\$337.48	\$0.00

Pennsylvania children 11-01-04 through 1-31-05

14.) Any Antidepressants (>= 3) <sup>1</sup>	0	0	0	\$0	\$0.00	\$0.00	0	\$0	\$0.00	\$0.00
15.) Anticonvulsants/Mood Stabilizers (>= 3) <sup>1</sup>	30	30	439	\$54,944	\$610.49	\$0.00	694	\$78,071	\$867.46	\$0.00
16.) Any Behavioral Drug (< 18 Years Old) (>=3) <sup>1</sup>	2,009	773	30,660	\$2,764,266	\$458.65	\$0.00	33,742	\$2,937,804	\$487.44	\$0.00
<b>Poly Pharm (5 or more)</b>										
17.) Any Behavioral Drug (> 17 Years Old) (>= 5) <sup>3</sup>	0	0	0	\$0	\$0.00	\$0.00	0	\$0	\$0.00	\$0.00
<b>Antipsychotics</b>										
18.) High Use of Atypical Antipsychotics <sup>1</sup>	54	41	321	\$135,261	\$834.94	\$0.00	944	\$184,210	\$1,137.10	\$0.00
19.) Low Use of Atypical Antipsychotics <sup>1</sup>	1,403	412	4,202	\$456,823	\$108.53	\$0.00	13,472	\$1,061,408	\$252.18	\$0.00
20.) Drug-Switches for Atypicals (>= 2)	43	56	273	\$42,340	\$328.22	\$0.00	626	\$62,367	\$483.46	\$0.00
<b>Anxiolytics</b>										
21.) Anxiolytics/Sedative Hypnotics <sup>2</sup>	809	500	3,723	\$103,292	\$42.56	\$0.00	9,574	\$752,850	\$310.20	\$0.00
22.) Anxiolytic Benzodiazepines <sup>2</sup>	334	276	1,563	\$51,832	\$51.73	\$0.00	4,427	\$365,129	\$364.40	\$0.00
23.) Sedative Hypnotics <sup>2</sup>	512	318	2,065	\$37,481	\$24.40	\$0.00	5,689	\$433,073	\$281.95	\$0.00
24.) Anxiolytics/Sedative Hypnotics (>= 2) <sup>1</sup>	46	57	379	\$13,565	\$98.30	\$0.00	658	\$53,837	\$390.13	\$0.00
<b>Multiple Prescribers</b>										
25.) Anxiolytics/Sedative Hypnotics <sup>2</sup>	5	11	40	\$2,679	\$178.60	\$0.00	69	\$10,081	\$672.10	\$0.00
26.) Any Antipsychotic <sup>1</sup>	25	51	183	\$27,081	\$361.08	\$0.00	542	\$54,844	\$731.25	\$0.00
27.) Any Behavioral Class of Drug <sup>1</sup>	148	259	1,842	\$177,142	\$398.97	\$0.00	2,216	\$200,714	\$452.06	\$0.00
<b>Discontinuance</b>										
28.) Any Antipsychotics w/in 15 Days of Rx Ending	291	168	291	\$85,723	\$98.19	\$0.00	2,108	\$250,578	\$287.03	\$0.00
29.) Any Antipsychotics w/in 30 Days of Rx Ending	103	76	103	\$30,973	\$100.24	\$0.00	498	\$63,319	\$204.92	\$0.00
<b>Unique Occurrences for All Reports</b>	<b>4,101</b>	<b>1,237</b>	<b>38,515</b>	<b>\$3,443,579</b>	<b>\$279.90</b>	<b>\$0.00</b>	<b>50,165</b>	<b>\$4,297,148</b>	<b>\$349.28</b>	<b>\$0.00</b>
° for 30 or more consecutive days										
¹ for 45 or more consecutive days										
² for 60 or more consecutive days										
³ for 90 or more consecutive days										
Total Members for November 2004	0									
Total Members for December 2004	0									
Total Members for January 2005	0									
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## Pennsylvania Behavioral Pharmacy Report For Children

Children Under 18

05/01/2005 through 07/31/2005

### Total Behavioral Pharmacy

Drug Class	Patients	Prescribers	Claims	Paid	PUPM	PMPM	% of Total Patients	% of Total Prescribers
Any Atypical Antipsychotics	7,925	1,301	27,502	\$3,998,601	\$168.19	\$1.78	31.35%	31.82%
Any Typical Antipsychotics	180	97	499	\$12,759	\$23.63	\$0.01	0.71%	2.37%
Any Anxiolytics/Sedative Hypnotics	2,217	1,086	5,424	\$176,170	\$26.49	\$0.08	8.77%	26.56%
Any Antidepressants	7,574	1,777	21,985	\$1,010,245	\$44.46	\$0.45	29.96%	43.46%
Any Anticonvulsants/Mood Stabilizers	5,158	1,377	20,029	\$1,655,703	\$107.00	\$0.74	20.41%	33.68%
Any Sympathomimetics/Stimulants	15,260	2,488	51,998	\$3,409,499	\$74.48	\$1.52	60.37%	60.85%
Any Antidyskinetics	2,295	1,069	3,899	\$42,061	\$6.11	\$0.02	9.08%	26.14%
Any Substance Abuse	23	19	67	\$8,389	\$121.58	\$0.00	0.09%	0.46%
Any ADHD Non-Stimulant	4,140	1,245	12,061	\$959,556	\$77.26	\$0.43	16.38%	30.45%
<b>Total for all Claims</b>	<b>25,278</b>	<b>4,089</b>	<b>130,910</b>	<b>\$10,303,660</b>	<b>\$135.87</b>	<b>\$4.58</b>	<b>100.00%</b>	<b>100.00%</b>

### Quality Indicators

Description	Patient Report Claims						All Patient Behavioral Health			
	Patients	Prescribers	Claims	Paid	PUPM	PMPM	Claims	Paid	PUPM	PMPM
<b>Poly Pharm (2 or more)</b>										
1.) Atypical Antipsychotics (>= 2) <sup>1</sup>	135	93	1,038	\$193,526	\$477.84	\$0.09	2,236	\$271,887	\$671.33	\$0.12
2.) Typical Antipsychotics (>= 2) <sup>1</sup>	1	1	6	\$60	\$19.97	\$0.00	20	\$223	\$74.21	\$0.00
3.) Any Antipsychotics (>=2) <sup>1</sup>	158	111	1,263	\$220,961	\$466.16	\$0.10	2,695	\$310,164	\$654.35	\$0.14
4.) Benzodiazepines (>= 2) <sup>1</sup>	6	8	52	\$1,933	\$107.40	\$0.00	79	\$6,273	\$348.49	\$0.00
5.) Sedative Hypnotics (>= 2) <sup>1</sup>	0	0	0	\$0	\$0.00	\$0.00	0	\$0	\$0.00	\$0.00
6.) SSRIs (>= 2) <sup>1</sup>	5	8	25	\$1,403	\$93.52	\$0.00	56	\$3,994	\$266.26	\$0.00
7.) TCAs (>= 2) <sup>1</sup>	1	2	8	\$54	\$18.05	\$0.00	8	\$54	\$18.05	\$0.00
8.) Stimulants (>= 2) <sup>1</sup>	360	264	2,609	\$196,088	\$181.56	\$0.09	4,209	\$340,058	\$314.87	\$0.15
9.) Antidyskinetics (>= 2) <sup>1</sup>	1	1	6	\$42	\$13.93	\$0.00	17	\$284	\$94.65	\$0.00
<b>Poly Pharm (3 or more)</b>										
10.) Atypical Antipsychotics (>= 3) <sup>1</sup>	2	1	18	\$3,810	\$634.93	\$0.00	57	\$6,676	\$1,112.71	\$0.00
11.) Typical Antipsychotics (>= 3) <sup>1</sup>	0	0	0	\$0	\$0.00	\$0.00	0	\$0	\$0.00	\$0.00
12.) Any Antipsychotics (>=3) <sup>1</sup>	3	3	29	\$5,214	\$579.37	\$0.00	78	\$8,570	\$952.26	\$0.00
13.) Benzodiazepines (>= 3) <sup>1</sup>	1	1	12	\$1,129	\$376.28	\$0.00	21	\$1,322	\$440.72	\$0.00

Pennsylvania children 5-1-05 through 7-31-05

14.) Any Antidepressants (>= 3) <sup>1</sup>	0	0	0	\$0	\$0.00	\$0.00	0	\$0	\$0.00	\$0.00
15.) Anticonvulsants/Mood Stabilizers (>= 3) <sup>1</sup>	33	38	425	\$56,518	\$570.89	\$0.03	666	\$84,955	\$858.13	\$0.04
16.) Any Behavioral Drug (< 18 Years Old) (>=3) <sup>1</sup>	1,800	784	25,236	\$2,353,978	\$435.92	\$1.05	27,772	\$2,497,405	\$462.48	\$1.11
<b>Poly Pharm (5 or more)</b>				\$0	\$0.00	\$0.00	0	\$0	\$0.00	\$0.00
17.) Any Behavioral Drug (> 17 Years Old) (>= 5) <sup>3</sup>	0	0	0	\$0	\$0.00	\$0.00	0	\$0	\$0.00	\$0.00
<b>Antipsychotics</b>										
18.) High Use of Atypical Antipsychotics <sup>1</sup>	53	57	366	\$118,726	\$746.70	\$0.05	1,015	\$160,570	\$1,009.88	\$0.07
19.) Low Use of Atypical Antipsychotics <sup>1</sup>	1,366	438	4,391	\$506,153	\$123.51	\$0.22	12,144	\$994,803	\$242.75	\$0.44
20.) Drug-Switches for Atypicals (>= 2)	20	27	128	\$23,399	\$389.98	\$0.01	267	\$31,285	\$521.42	\$0.01
<b>Anxiolytics</b>										
21.) Anxiolytics/Sedative Hypnotics <sup>2</sup>	771	484	3,333	\$91,666	\$39.63	\$0.04	8,512	\$637,313	\$275.54	\$0.28
22.) Anxiolytic Benzodiazepines <sup>2</sup>	326	268	1,358	\$42,334	\$43.29	\$0.02	3,846	\$313,274	\$320.32	\$0.14
23.) Sedative Hypnotics <sup>2</sup>	471	320	1,851	\$34,499	\$24.42	\$0.02	5,068	\$358,390	\$253.64	\$0.16
24.) Anxiolytics/Sedative Hypnotics (>= 2) <sup>1</sup>	37	48	299	\$10,897	\$98.17	\$0.00	500	\$34,028	\$306.56	\$0.02
<b>Multiple Prescribers</b>										
25.) Anxiolytics/Sedative Hypnotics <sup>2</sup>	5	10	37	\$781	\$52.07	\$0.00	74	\$8,474	\$564.91	\$0.00
26.) Any Antipsychotic <sup>1</sup>	17	33	121	\$19,350	\$379.42	\$0.01	404	\$35,625	\$698.53	\$0.02
27.) Any Behavioral Class of Drug <sup>1</sup>	152	250	1,794	\$171,325	\$375.71	\$0.08	2,189	\$195,792	\$429.37	\$0.09
<b>Discontinuance</b>										
28.) Any Antipsychotics w/in 15 Days of Rx Ending	315	173	315	\$90,329	\$95.59	\$0.04	2,365	\$271,212	\$287.00	\$0.12
29.) Any Antipsychotics w/in 30 Days of Rx Ending	118	79	118	\$35,033	\$98.96	\$0.02	613	\$73,784	\$208.43	\$0.03
<b>Unique Occurrences for All Reports</b>	<b>3,879</b>	<b>1,207</b>	<b>33,113</b>	<b>\$3,070,343</b>	<b>\$263.84</b>	<b>\$1.36</b>	<b>43,494</b>	<b>\$3,826,620</b>	<b>\$328.83</b>	<b>\$1.70</b>
° for 30 or more consecutive days										
¹ for 45 or more consecutive days										
² for 60 or more consecutive days										
³ for 90 or more consecutive days										
Total Members for May 2005	750,000									
Total Members for June 2005	750,000									
Total Members for July 2005	750,000									

## Pennsylvania Behavioral Pharmacy Management Program

Children Under 18  
12/01/2005 through 02/28/2006

Total Behavioral and Opiate Pharmacy Claims								
Drug Class	Patients	Prescribers	Claims	Paid	PUPM <sup>1</sup>	% of Total Patients	% of Total Prescribers	
Any Benzodiazepine	1,047	625	2,457	\$94,253	\$30.01	3.86%	12.17%	
Any Insomnia Agent	1,586	566	3,951	\$38,484	\$8.09	5.85%	11.02%	
Any Antidepressant	7,369	1,795	22,222	\$823,011	\$37.23	27.18%	34.95%	
Any Anticonvulsant/Mood Stabilizer	4,919	1,364	18,903	\$1,456,063	\$98.67	18.15%	26.56%	
Any Atypical Antipsychotic	8,246	1,359	29,886	\$4,075,268	\$164.74	30.42%	26.46%	
Any Typical Antipsychotic	197	122	609	\$12,912	\$21.85	0.73%	2.38%	
Any Sympathomimetic/Stimulant	13,126	2,291	46,310	\$2,639,951	\$67.04	48.42%	44.61%	
Any Antidyskinetic	243	154	674	\$4,894	\$6.71	0.90%	3.00%	
Any Substance Abuse	30	34	93	\$8,718	\$96.87	0.11%	0.66%	
Any ADHD Non-Stimulant	3,481	1,145	11,074	\$889,737	\$85.20	12.84%	22.29%	
Any Opiate	3,433	1,819	4,449	\$41,993	\$4.08	12.66%	35.42%	
Any Noradrenergic Agonist	2,908	849	8,544	\$64,329	\$7.37	10.73%	16.53%	
<b>Total for all Claims</b>	<b>27,107</b>	<b>5,136</b>	<b>149,007</b>	<b>\$10,146,439</b>	<b>\$124.77</b>	<b>100.00%</b>	<b>100.00%</b>	

High Risk								
Description	Patients	Prescribers	Quality Indicator Claims			All Behavioral/Opiate Rx Claims		
			Claims	Paid	PUPM <sup>1</sup>	Claims	Paid	PUPM <sup>1</sup>
1.) Use of Benzodiazepines for 60 or More Days (Under 18 Years)	231	188	993	\$25,908	\$37.38	2,849	\$204,564	\$295.19
2.) Use of Opiates for 45 or More Days (Under 18 Years)	29	32	121	\$3,606	\$41.45	226	\$9,483	\$109.00
3.) Use of 2 or More Antipsychotics for 45 or More Days (Under 18 Years)	179	148	1,526	\$234,252	\$436.22	3,374	\$331,055	\$616.49
4.) Use of 4 or More Psychotropics for 90 or More Days (13-17 Years)	56	75	1,457	\$116,842	\$695.49	1,514	\$117,577	\$699.86
5.) Use of 3 or More Psychotropics for 90 or More Days (6-12 Years)	136	144	2,377	\$200,242	\$490.79	2,493	\$201,227	\$493.20
6.) Use of 4 or More Psychotropics for 90 or More Days (6-12 Years)	20	34	435	\$39,845	\$664.08	458	\$40,052	\$667.53
7.) Use of 3 or More Psychotropics for 90 or More Days (Under 6 Years)	1	2	18	\$3,766	\$1,255.31	18	\$3,766	\$1,255.31
8.) Use of 5 or More Psychotropics During a 90 Day Period (Under 18 Years)	574	437	9,934	\$783,122	\$454.77	10,424	\$788,422	\$457.85
9.) Use of an Antipsychotic at Higher Than Recommended Dose for 45 or More Days (Under 18 Years)	851	344	3,930	\$595,050	\$233.08	10,686	\$950,446	\$372.29
10.) Use of an Antipsychotic at Higher Than Recommended Dose and a Stimulant or ADHD Non-stimulant for 45 or More Days (Under 18 Years)	451	274	4,156	\$425,354	\$314.38	6,393	\$518,664	\$383.34
11.) Use of 2 or More SSRIs for 60 or More Days (Under 18 Years)	2	4	9	\$323	\$53.87	46	\$3,574	\$595.68
12.) Use of a Methylphenidate at Higher Than Recommended Dose for 45 or More Days (Under 18 Years)	557	334	2,839	\$214,946	\$128.63	6,393	\$464,125	\$277.75
13.) Use of an Amphetamine at Higher Than Recommended Dose for 45 or More Days (Under 18 Years)	301	210	1,528	\$127,138	\$140.79	3,742	\$298,647	\$330.73
14.) Use of ADHD Non-Stimulant at Higher Than Recommended Dose for 45 or More Days (Under 18 Years)	22	24	82	\$11,393	\$172.62	289	\$33,666	\$510.10
15.) Use of Clonidine at Higher Than Recommended Dose for 45 or More Days (Under 18 Years)	87	81	314	\$4,636	\$17.76	1,060	\$67,117	\$257.15
16.) Use of Guanfacine at Higher Than Recommended Dose for 45 or More Days (Under 18 Years)	25	21	86	\$2,167	\$28.89	349	\$26,767	\$356.90
17.) Use of Bupropion at Higher Than Recommended Dose for 45 or More Days (Under 18 Years)	61	54	235	\$19,354	\$105.76	807	\$66,347	\$362.55
18.) Use of a Stimulant or ADHD Non-Stimulant AND Use of a TCA at Higher Than Recommended Dose and for 45 or More Days (Under 18 Years)	20	27	161	\$5,949	\$99.15	261	\$13,108	\$218.46
19.) Use of 2 or More Atypicals and a Stimulant or ADHD Non-Stimulant for 30 or More Days (Under 18 Years)	119	104	1,344	\$159,421	\$446.56	2,157	\$206,022	\$577.09
<b>Unique Occurrences for All Reports</b>	<b>2,604</b>	<b>996</b>	<b>22,927</b>	<b>\$1,969,909</b>	<b>\$252.16</b>	<b>33,320</b>	<b>\$2,638,200</b>	<b>\$337.71</b>

Redundancy								
Description	Patients	Prescribers	Quality Indicator Claims			All Behavioral/Opiate Rx Claims		
			Claims	Paid	PUPM <sup>1</sup>	Claims	Paid	PUPM <sup>1</sup>
20.) Use of 3 or More Stimulants for 60 or More Days (Under 18 Years)	0	0	0	\$0	\$0.00	0	\$0	\$0.00
21.) Use of 3 or More Mood Stabilizers for 45 or More Days (Under 18 Years)	16	25	198	\$26,169	\$545.18	334	\$44,121	\$919.19
<b>Unique Occurrences for All Reports</b>	<b>16</b>	<b>25</b>	<b>198</b>	<b>\$26,169</b>	<b>\$545.18</b>	<b>334</b>	<b>\$44,121</b>	<b>\$919.19</b>

Continuity and Coordination of Care								
Description	Patients	Prescribers	Quality Indicator Claims			All Behavioral/Opiate Rx Claims		
			Claims	Paid	PUPM <sup>1</sup>	Claims	Paid	PUPM <sup>1</sup>
22.) Failure to Refill a Newly Prescribed Stimulant or ADHD Non-Stimulant Within 30 days of Prescription Ending (Under 18 Years)	369	301	369	\$27,408	\$24.76	1,284	\$81,203	\$73.35
23.) Multiple Prescribers of Any Psychotropic Drug for 45 or More Days (Under 18 Years)	517	592	3,687	\$367,803	\$237.14	7,425	\$598,431	\$385.84
<b>Unique Occurrences for All Reports</b>	<b>881</b>	<b>771</b>	<b>4,052</b>	<b>\$394,938</b>	<b>\$149.43</b>	<b>8,655</b>	<b>\$675,380</b>	<b>\$255.54</b>

Overall								
Description	Patients	Prescribers	Quality Indicator Claims			All Behavioral/Opiate Rx Claims		
			Claims	Paid	PUPM <sup>1</sup>	Claims	Paid	PUPM <sup>1</sup>
<b>Unique Occurrences for All Reports</b>	<b>3,255</b>	<b>1,296</b>	<b>25,807</b>	<b>\$2,244,310</b>	<b>\$229.83</b>	<b>38,140</b>	<b>\$3,003,759</b>	<b>\$307.60</b>

<sup>1</sup>PUPM(Per User Per Month): Paid amount divided by Patient count divided by number of months in analysis period.  
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**Pennsylvania Behavioral Pharmacy Management Program 2007 Version**  
 Children Under 18  
 06/01/2007 through 08/31/2007

**Total Behavioral and Opiate Pharmacy Claims**

Drug Class	Patients	% of Total Patients	Prescribers	% of Total Prescribers	Claims	Paid	PUPM*
Any Benzodiazepine	913	3.44%	552	11.52%	2,184	\$29,519	\$10.78
Any Insomnia Agent	1,629	6.14%	539	11.25%	4,393	\$28,283	\$5.79
Any Antidepressant	6,479	24.41%	1,566	32.67%	19,053	\$520,021	\$26.75
Any Anticonvulsant/Mood Stabilizer	4,406	16.60%	1,203	25.10%	16,026	\$1,610,161	\$121.82
Any Atypical Antipsychotic	8,705	32.80%	1,282	26.75%	31,536	\$5,318,555	\$203.66
Any Typical Antipsychotic	226	0.85%	124	2.59%	800	\$14,519	\$21.41
Any Sympathomimetic/Stimulant	13,279	50.03%	2,101	43.83%	44,255	\$3,236,530	\$81.24
Any Antidyskinetic	251	0.95%	164	3.42%	678	\$4,969	\$6.60
Any Substance Abuse	21	0.08%	19	0.40%	46	\$2,629	\$41.73
Any ADHD Non-Stimulant	2,075	7.82%	808	16.86%	6,094	\$643,019	\$103.30
Any Opiate	3,489	13.15%	1,824	38.06%	4,856	\$38,102	\$3.64
Any Noradrenergic Agonist	3,203	12.07%	857	17.88%	9,537	\$60,003	\$6.24
<b>Total for all Claims</b>	<b>26,540</b>	<b>100%</b>	<b>4,793</b>	<b>100%</b>	<b>139,123</b>	<b>\$11,504,272</b>	<b>\$144.49</b>

**High Risk**

Description					Quality Indicator Claims			All Behavioral/Opiate Rx Claims		
	Patients	% Patients	Prescribers	% Prescribers	Claims	Paid	PUPM*	Claims	Paid	PUPM*
1.) Use of Benzodiazepines for 60 or More Days (Under 18 Years)	203	0.77%	176	3.67%	944	\$12,867	\$20.92	2,617	\$217,128	\$353.05
2.) Use of Opiates for 45 or More Days (Under 18 Years)	22	0.08%	38	0.79%	116	\$5,291	\$80.17	206	\$13,076	\$198.13
3.) Use of 2 or More Antipsychotics for 45 or More Days (Under 18 Years)	160	0.60%	104	2.17%	1,581	\$285,703	\$595.21	3,103	\$365,149	\$760.73
4.) Use of 4 or More Psychotropics for 90 or More Days (13-17 Years)	82	0.31%	91	1.90%	1,874	\$185,228	\$752.96	2,144	\$198,215	\$805.75
5.) Use of 3 or More Psychotropics for 90 or More Days (6-12 Years)	259	0.98%	204	4.26%	4,318	\$457,961	\$589.40	4,848	\$475,202	\$611.59
6.) Use of 4 or More Psychotropics for 90 or More Days (6-12 Years)	39	0.15%	52	1.08%	866	\$89,440	\$764.45	968	\$94,025	\$803.63
7.) Use of 3 or More Psychotropics for 90 or More Days (Under 6 Years)	6	0.02%	10	0.21%	94	\$9,578	\$532.11	100	\$9,602	\$533.45
8.) Use of 5 or More Psychotropics During a 90 Day Period (Under 18 Years)	381	1.44%	358	7.47%	6,922	\$663,249	\$680.27	7,325	\$666,143	\$582.80
9.) Use of an Antipsychotic at Higher Than Recommended Dose for 45 or More Days (Under 18 Years)	125	0.47%	103	2.15%	721	\$171,177	\$456.47	1,589	\$224,752	\$599.34
10.) Use of an Antipsychotic at Higher Than Recommended Dose and a Stimulant or ADHD Non-stimulant for 45 or More Days (Under 18 Years)	40	0.15%	48	1.00%	450	\$66,371	\$553.09	647	\$79,884	\$665.70
11.) Use of 2 or More SSRIs for 60 or More Days (Under 18 Years)	6	0.02%	8	0.17%	65	\$1,902	\$105.68	79	\$5,324	\$295.80
12.) Use of a Methylphenidate at Higher Than Recommended Dose for 45 or More Days (Under 18 Years)	30	0.11%	34	0.71%	195	\$20,038	\$222.64	294	\$31,178	\$346.43
13.) Use of an Amphetamine at Higher Than Recommended Dose for 45 or More Days (Under 18 Years)	27	0.10%	36	0.75%	172	\$13,652	\$168.54	238	\$21,415	\$264.38
14.) Use of ADHD Non-Stimulant at Higher Than Recommended Dose for 45 or More Days (Under 18 Years)	10	0.04%	12	0.25%	56	\$8,356	\$278.55	140	\$15,576	\$519.19
15.) Use of Clonidine at Higher Than Recommended Dose for 45 or More Days (Under 18 Years)	22	0.08%	24	0.50%	94	\$728	\$11.02	253	\$22,860	\$346.37
16.) Use of Guanfacine at Higher Than Recommended Dose for 45 or More Days (Under 18 Years)	13	0.05%	13	0.27%	67	\$824	\$21.14	183	\$14,763	\$378.53
17.) Use of Bupropion at Higher Than Recommended Dose for 45 or More Days (Under 18 Years)	30	0.11%	36	0.75%	167	\$13,358	\$148.42	387	\$42,466	\$471.85
18.) Use of a Stimulant or ADHD Non-Stimulant AND Use of a TCA at Higher Than Recommended Dose and for 45 or More Days (Under 18 Years)	7	0.03%	8	0.17%	61	\$2,627	\$125.08	114	\$10,708	\$509.90
19.) Use of 2 or More Atypicals and a Stimulant or ADHD Non-Stimulant for 30 or More Days (Under 18 Years)	96	0.36%	107	2.23%	1,234	\$189,588	\$658.29	1,727	\$208,972	\$725.60
<b>Unique Occurrences for All Reports</b>	<b>1,172</b>	<b>4.42%</b>	<b>640</b>	<b>13.35%</b>	<b>15,141</b>	<b>\$1,569,860</b>	<b>\$446.49</b>	<b>18,312</b>	<b>\$1,809,339</b>	<b>\$514.60</b>

**Redundancy**

Description					Quality Indicator Claims			All Behavioral/Opiate Rx Claims		
	Patients	% Patients	Prescribers	% Prescribers	Claims	Paid	PUPM*	Claims	Paid	PUPM*
20.) Use of 3 or More Stimulants for 60 or More Days (Under 18 Years)	0	0.00%	0	0.00%	0	\$0	\$0.00	0	\$0	\$0.00
21.) Use of 3 or More Mood Stabilizers for 45 or More Days (Under 18 Years)	6	0.02%	9	0.19%	72	\$14,188	\$788.25	126	\$21,445	\$1,191.40
<b>Unique Occurrences for All Reports</b>	<b>6</b>	<b>0.02%</b>	<b>9</b>	<b>0.19%</b>	<b>72</b>	<b>\$14,188</b>	<b>\$788.25</b>	<b>126</b>	<b>\$21,445</b>	<b>\$1,191.40</b>

**Continuity and Coordination of Care**

Description					Quality Indicator Claims			All Behavioral/Opiate Rx Claims		
	Patients	% Patients	Prescribers	% Prescribers	Claims	Paid	PUPM*	Claims	Paid	PUPM*
22.) Failure to Refill a Newly Prescribed Stimulant or ADHD Non-Stimulant Within 30 days of Prescription Ending (Under 18 Years)	184	0.69%	159	3.32%	184	\$12,378	\$22.42	411	\$30,217	\$54.74
23.) Multiple Prescribers of Any Psychotropic Drug for 45 or More Days (Under 18 Years)	471	1.77%	423	8.83%	5,088	\$589,308	\$417.06	7,145	\$740,743	\$524.23
<b>Unique Occurrences for All Reports</b>	<b>655</b>	<b>2.47%</b>	<b>582</b>	<b>12.15%</b>	<b>5,272</b>	<b>\$601,686</b>	<b>\$306.20</b>	<b>7,556</b>	<b>\$770,960</b>	<b>\$392.35</b>

**Overall**

Description					Quality Indicator Claims			All Behavioral/Opiate Rx Claims		
	Patients	% Patients	Prescribers	% Outlier Prescribers	Claims	Paid	PUPM*	Claims	Paid	PUPM*
<b>Unique Occurrences for All Reports</b>	<b>1,681</b>		<b>870</b>	<b>18.15%</b>	<b>18,701</b>	<b>\$1,973,003</b>	<b>\$391.24</b>	<b>23,057</b>	<b>\$2,275,137</b>	<b>\$451.15</b>

\*PUPM(Per User Per Month); Paid amount divided by Patient count divided by number of months in analysis period.