

Pennsylvania Behavioral Pharmacy Management Program

Children Under 18

03/01/2006 through 05/31/2006

Total Behavioral and Opiate Pharmacy Claims

Drug Class	Patients	Prescribers	Claims	Paid	PUPM*	% of Total Patients	% of Total Prescribers
Any Benzodiazepine	1,163	686	2,763	\$122,666	\$35.16	4.11%	13.08%
Any Insomnia Agent	1,564	568	4,049	\$34,330	\$7.32	5.53%	10.83%
Any Antidepressant	7,602	1,787	23,425	\$791,257	\$34.70	26.86%	34.08%
Any Anticonvulsant/Mood Stabilizer	4,860	1,340	19,126	\$1,449,345	\$99.41	17.17%	25.55%
Any Atypical Antipsychotic	8,592	1,353	32,287	\$4,178,095	\$162.09	30.36%	25.80%
Any Typical Antipsychotic	223	129	741	\$15,634	\$23.37	0.79%	2.46%
Any Sympathomimetic/Stimulant	13,662	2,319	49,980	\$2,861,517	\$69.82	48.28%	44.22%
Any Antidyskinetic	288	165	766	\$5,738	\$6.64	1.02%	3.15%
Any Substance Abuse	27	30	84	\$4,177	\$51.57	0.10%	0.57%
Any ADHD Non-Stimulant	3,189	1,096	10,677	\$880,842	\$92.07	11.27%	20.90%
Any Opiate	3,982	1,973	5,220	\$46,426	\$3.89	14.07%	37.62%
Any Noradrenergic Agonist	2,965	827	8,942	\$70,151	\$7.89	10.48%	15.77%
Total for all Claims	28,299	5,244	157,847	\$10,456,315	\$123.16	100.00%	100.00%

High Risk

Description	Quality Indicator Claims					All Behavioral/Opiate Rx Claims		
	Patients	Prescribers	Claims	Paid	PUPM*	Claims	Paid	PUPM*
1.) Use of Benzodiazepines for 60 or More Days (Under 18 Years)	267	219	1,130	\$31,724	\$39.61	3,336	\$232,262	\$289.97
2.) Use of Opiates for 45 or More Days (Under 18 Years)	29	46	118	\$5,599	\$64.36	223	\$10,694	\$122.92
3.) Use of 2 or More Antipsychotics for 45 or More Days (Under 18 Years)	178	127	1,585	\$232,528	\$435.45	3,353	\$321,523	\$602.10
4.) Use of 4 or More Psychotropics for 90 or More Days (13-17 Years)	84	98	1,903	\$170,642	\$677.18	2,001	\$171,325	\$679.86
5.) Use of 3 or More Psychotropics for 90 or More Days (6-12 Years)	207	184	3,754	\$296,196	\$476.97	3,961	\$297,746	\$479.46
6.) Use of 4 or More Psychotropics for 90 or More Days (6-12 Years)	35	61	768	\$70,106	\$667.67	810	\$70,368	\$670.17
7.) Use of 3 or More Psychotropics for 90 or More Days (Under 6 Years)	3	8	59	\$4,143	\$460.36	64	\$4,169	\$463.20
8.) Use of 5 or More Psychotropics During a 90 Day Period (Under 18 Years)	503	420	8,858	\$647,911	\$429.38	9,263	\$651,533	\$431.78
9.) Use of an Antipsychotic at Higher Than Recommended Dose for 45 or More Days (Under 18 Years)	910	332	4,431	\$621,146	\$227.53	11,306	\$982,515	\$359.90
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)	467	270	4,532	\$441,400	\$315.06	6,587	\$525,453	\$375.06
11.) Use of 2 or More SSRIs for 60 or More Days (Under 18 Years)	3	5	20	\$867	\$96.33	46	\$3,945	\$438.33
12.) Use of a Methylphenidate at Higher Than Recommended Dose for 45 or More Days (Under 18 Years)	607	326	3,120	\$231,511	\$127.13	6,887	\$481,566	\$264.45
13.) Use of an Amphetamine at Higher Than Recommended Dose for 45 or More Days (Under 18 Years)	254	170	1,590	\$118,952	\$156.11	3,263	\$236,887	\$310.88
14.) Use of ADHD Non-Stimulant at Higher Than Recommended Dose for 45 or More Days (Under 18 Years)	19	19	80	\$10,216	\$179.23	210	\$24,463	\$429.18
15.) Use of Clonidine at Higher Than Recommended Dose for 45 or More Days (Under 18 Years)	98	92	371	\$4,620	\$15.71	1,229	\$63,671	\$216.57
16.) Use of Guanfacine at Higher Than Recommended Dose for 45 or More Days (Under 18 Years)	22	20	77	\$2,081	\$31.52	336	\$23,615	\$357.80
17.) Use of Bupropion at Higher Than Recommended Dose for 45 or More Days (Under 18 Years)	61	49	241	\$17,246	\$94.24	728	\$59,414	\$324.67
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)	31	35	221	\$8,903	\$95.73	424	\$27,197	\$292.45
19.) Use of 2 or More Atypicals and a Stimulant or ADHD Non-Stimulant for 30 or More Days (Under 18 Years)	127	100	1,480	\$171,852	\$451.06	2,353	\$216,135	\$567.28
Unique Occurrences for All Reports	2,708	979	24,406	\$2,027,147	\$249.53	34,825	\$2,639,768	\$324.93

Redundancy

Description	Quality Indicator Claims					All Behavioral/Opiate Rx Claims		
	Patients	Prescribers	Claims	Paid	PUPM*	Claims	Paid	PUPM*
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)	13	17	163	\$14,044	\$360.11	261	\$22,907	\$587.37
Unique Occurrences for All Reports	13	17	163	\$14,044	\$360.11	261	\$22,907	\$587.37

Continuity and Coordination of Care

Description	Quality Indicator Claims					All Behavioral/Opiate Rx Claims		
	Patients	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)	309	252	309	\$23,128	\$24.95	971	\$64,085	\$69.13
23.) Multiple Prescribers of Any Psychotropic Drug for 45 or More Days (Under 18 Years)	583	623	4,088	\$372,476	\$212.97	8,202	\$620,841	\$354.97
Unique Occurrences for All Reports	888	764	4,393	\$395,198	\$148.35	9,134	\$682,362	\$256.14

Overall

Description	Quality Indicator Claims					All Behavioral/Opiate Rx Claims		
	Patients	Prescribers	Claims	Paid	PUPM*	Claims	Paid	PUPM*
Unique Occurrences for All Reports	3,364	1,282	27,373	\$2,285,405	\$226.46	40,033	\$3,015,528	\$298.80

*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
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Total Behavioral and Opiate Pharmacy Claims

Drug Class	Patients	Prescribers	Claims	Paid	PUPM ¹	% of Total Patients	% of Total Prescribers
Any Benzodiazepine	999	604	2,459	\$34,238	\$11.42	3.53%	11.82%
Any Insomnia Agent	1,706	569	4,667	\$32,445	\$6.34	6.02%	11.13%
Any Antidepressant	7,086	1,702	22,009	\$746,469	\$35.11	25.02%	33.30%
Any Anticonvulsant/Mood Stabilizer	4,709	1,278	18,625	\$1,727,404	\$122.28	16.63%	25.00%
Any Atypical Antipsychotic	9,059	1,390	35,117	\$5,573,437	\$205.08	31.99%	27.20%
Any Typical Antipsychotic	262	149	899	\$16,635	\$21.16	0.93%	2.92%
Any Sympathomimetic/Stimulant	14,424	2,327	54,637	\$3,854,764	\$69.08	50.94%	45.53%
Any Antidyskinetic	256	156	754	\$5,643	\$7.35	0.90%	3.05%
Any Substance Abuse	31	34	90	\$6,595	\$70.92	0.11%	0.67%
Any ADHD Non-Stimulant	2,377	912	8,116	\$777,731	\$109.06	8.39%	17.84%
Any Opiate	3,854	1,914	5,098	\$37,932	\$3.28	13.61%	37.45%
Any Noradrenergic Agonist	3,289	864	10,066	\$65,153	\$6.60	11.61%	16.90%
Total for all Claims	28,318	5,111	162,368	\$12,875,812	\$151.56	100%	100%

High Risk

Description	Quality Indicator Claims					All Behavioral/Opiate Rx Claims		
	Patients	Prescribers	Claims	Paid	PUPM ¹	Claims	Paid	PUPM ¹
1.) Use of Benzodiazepines for 60 or More Days (Under 18 Years)	288	220	1,241	\$14,595	\$16.89	3,691	\$291,624	\$337.53
2.) Use of Opiates for 45 or More Days (Under 18 Years)	29	46	152	\$3,118	\$35.84	301	\$11,431	\$131.39
3.) Use of 2 or More Antipsychotics for 45 or More Days (Under 18 Years)	263	164	2,615	\$417,203	\$528.77	5,018	\$558,492	\$707.85
4.) Use of 4 or More Psychotropics for 90 or More Days (13-17 Years)	207	207	4,499	\$449,293	\$723.50	4,949	\$460,256	\$741.16
5.) Use of 3 or More Psychotropics for 90 or More Days (6-12 Years)	558	318	8,738	\$788,704	\$471.15	9,733	\$820,681	\$490.25
6.) Use of 4 or More Psychotropics for 90 or More Days (6-12 Years)	94	104	1,896	\$176,248	\$624.99	2,078	\$182,180	\$646.03
7.) Use of 3 or More Psychotropics for 90 or More Days (Under 6 Years)	12	24	187	\$18,125	\$503.47	193	\$18,213	\$505.92
8.) Use of 5 or More Psychotropics During a 90 Day Period (Under 18 Years)	504	418	9,044	\$828,492	\$547.94	9,638	\$833,071	\$550.97
9.) Use of an Antipsychotic at Higher Than Recommended Dose for 45 or More Days (Under 18 Years)	161	121	823	\$206,896	\$428.36	1,850	\$270,616	\$560.28
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)	45	51	476	\$74,422	\$551.27	648	\$87,372	\$647.20
11.) Use of 2 or More SSRIs for 60 or More Days (Under 18 Years)	8	12	65	\$2,353	\$98.06	116	\$7,494	\$312.27
12.) Use of a Methylphenidate at Higher Than Recommended Dose for 45 or More Days (Under 18 Years)	47	51	310	\$23,196	\$164.51	497	\$35,599	\$252.47
13.) Use of an Amphetamine at Higher Than Recommended Dose for 45 or More Days (Under 18 Years)	37	36	277	\$19,862	\$178.94	477	\$39,157	\$352.76
14.) Use of ADHD Non-Stimulant at Higher Than Recommended Dose for 45 or More Days (Under 18 Years)	14	17	92	\$7,519	\$179.02	243	\$18,905	\$450.13
15.) Use of Clonidine at Higher Than Recommended Dose for 45 or More Days (Under 18 Years)	31	32	129	\$1,159	\$12.47	328	\$23,527	\$252.97
16.) Use of Guanfacine at Higher Than Recommended Dose for 45 or More Days (Under 18 Years)	14	15	68	\$869	\$20.68	232	\$20,479	\$487.59
17.) Use of Bupropion at Higher Than Recommended Dose for 45 or More Days (Under 18 Years)	29	28	153	\$13,001	\$149.44	367	\$40,958	\$470.78
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)	12	19	92	\$4,979	\$138.31	166	\$12,817	\$356.04
19.) Use of 2 or More Atypicals and a Stimulant or ADHD Non-Stimulant for 30 or More Days (Under 18 Years)	167	142	2,323	\$301,033	\$600.86	3,122	\$333,697	\$666.06
Unique Occurrences for All Reports	1,825	844	23,796	\$2,259,178	\$412.64	28,115	\$2,530,805	\$462.25

Redundancy

Description	Quality Indicator Claims					All Behavioral/Opiate Rx Claims		
	Patients	Prescribers	Claims	Paid	PUPM ¹	Claims	Paid	PUPM ¹
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	24	212	\$29,749	\$619.77	303	\$36,760	\$765.84
Unique Occurrences for All Reports	16	24	212	\$29,749	\$619.77	303	\$36,760	\$765.84

Continuity and Coordination of Care

Description	Quality Indicator Claims					All Behavioral/Opiate Rx Claims		
	Patients	Prescribers	Claims	Paid	PUPM ¹	Claims	Paid	PUPM ¹
22.) Failure to Refill a Newly Prescribed Stimulant or ADHD Non-Stimulant Within 30 days of Prescription Ending (Under 18 Years)	179	157	179	\$14,620	\$27.23	402	\$36,358	\$67.71
23.) Multiple Prescribers of Any Psychotropic Drug for 45 or More Days (Under 18 Years)	778	608	7,786	\$773,208	\$331.28	10,331	\$937,924	\$401.85
Unique Occurrences for All Reports	956	706	7,965	\$787,828	\$274.70	10,725	\$974,089	\$339.64

Overall

Description	Quality Indicator Claims					All Behavioral/Opiate Rx Claims		
	Patients	Prescribers	Claims	Paid	PUPM ¹	Claims	Paid	PUPM ¹
Unique Occurrences for All Reports	2,536	1,142	28,876	\$2,754,262	\$362.02	34,536	\$3,099,137	\$407.35

¹PUPM(Per User Per Month): Paid amount divided by Patient count divided by number of months in analysis period.