

Vermont Mental Health Performance Indicator Project
Agency of Human Services, Department of Health, Department of Mental Health
108 Cherry Street, Burlington, Vermont 05401

TO: Vermont Mental Health Performance Indicator Project
Advisory Group and Interested Parties

FROM: John Pandiani and Barbara Carroll

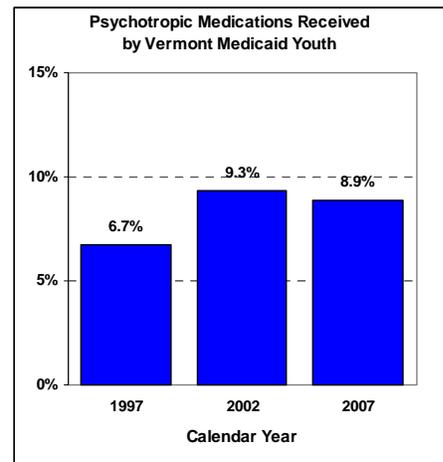
DATE: February 29, 2008

RE: Psychotropic Medications Received by Medicaid Enrolled Youth 1997-2007

This week's report provides information on the rate at which Vermont Medicaid enrolled youth (aged 18 and under) received Medicaid reimbursed psychotropic medications, overall and in four therapeutic drug class groups, during calendar years 1997, 2002, and 2007. This report replicates analyses originally conducted in response to a request for information from the Vermont Mental Health Children, Adolescent and Family Unit State Program Standing Committee in 1998.

This report relies exclusively on extracts from the Vermont Medicaid paid-claims database. Information extracted includes the date of birth and gender of each child, the therapeutic drug class for each filled prescription for a psychotropic medication, and the professional category of each prescriber.

As you will see, the overall utilization of psychotropic medications by Vermont Medicaid enrolled youth increased from 6.7% in 1997 to 9.3% in 2002, and then decreased to 8.9% in 2007. During 2007, anti-depressants and central nervous system stimulants were the psychotropic medications most widely received by youth (4.0% and 3.6% respectively), while anti-psychotic medications and mood stabilizers were less widely received (2.0% and 1.8% respectively). The overall use of psychotropic medications increased with increasing age, from 1.9% of Medicaid enrolled youth in the 0-6 age group, to 11.2% in the 7-12 age group, and 15.9% in the 13-18 age group. Boys were more likely to receive psychotropic medications than girls (10.2% vs. 7.5% respectively).



We look forward to your questions and comments about these findings, your suggestions for further analysis and your interpretation of these findings at 802.863.7249 or pip@vdh.state.vt.us.

Medicaid Enrolled Youth Utilization of Psychotropic Medications Vermont: 1997, 2002 and 2007

		Enrolled	Therapeutic Class of Psychotropic Medications									
			Total		Mood Stabilizers		CNS Stimulants		Anti-Depressants		Anti-Psychotics	
			Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*	Number	Percent*
Total	1997	59,995	4,036	6.7%	649	1.1%	1,964	3.3%	1,598	2.7%	162	0.3%
	2002	72,853	6,782	9.3%	1,113	1.5%	2,739	3.8%	3,786	5.2%	1,105	1.5%
	2007	71,081	6,321	8.9%	1,245	1.8%	2,545	3.6%	2,824	4.0%	1,396	2.0%
Male	1997	30,556	2,582	8.5%	367	1.2%	1,522	5.0%	895	2.9%	117	0.4%
	2002	37,272	4,043	10.8%	636	1.7%	2,054	5.5%	2,014	5.4%	762	2.0%
	2007	36,534	3,738	10.2%	687	1.9%	1,835	5.0%	1,412	3.9%	976	2.7%
Female	1997	29,439	1,454	4.9%	282	1.0%	442	1.5%	703	2.4%	45	0.2%
	2002	35,581	2,738	7.7%	477	1.3%	685	1.9%	1,772	5.0%	343	1.0%
	2007	34,547	2,583	7.5%	558	1.6%	710	2.1%	1,412	4.1%	420	1.2%
Age 0-6	1997	25,945	478	1.8%	126	0.5%	192	0.7%	70	0.3%	6	0.02%
	2002	28,897	578	2.0%	143	0.5%	238	0.8%	116	0.4%	79	0.3%
	2007	28,539	556	1.9%	137	0.5%	199	0.7%	90	0.3%	107	0.4%
Age 7-12	1997	19,119	1,915	10.0%	219	1.1%	1,294	6.8%	563	2.9%	58	0.3%
	2002	23,733	2,725	11.5%	407	1.7%	1,501	6.3%	1,267	5.3%	478	2.0%
	2007	21,256	2,379	11.2%	377	1.8%	1,320	6.2%	794	3.7%	562	2.6%
Age 13-18	1997	14,931	1,643	11.0%	304	2.0%	478	3.2%	965	6.5%	98	0.7%
	2002	20,223	3,479	17.2%	563	2.8%	1,000	4.9%	2,404	11.9%	549	2.7%
	2007	21,286	3,386	15.9%	731	3.4%	1,026	4.8%	1,940	9.1%	727	3.4%

* Percent of Individuals Enrolled in Medicaid.

Based on analysis of Vermont Medicaid paid claims for CY1997, CY2002, and CY2007, for youth aged 18 and under.

Analysis conducted by Vermont Mental Health Performance Indicator Project