

Vermont Mental Health Performance Indicator Project

Agency of Human Services, 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 Brennan Martin

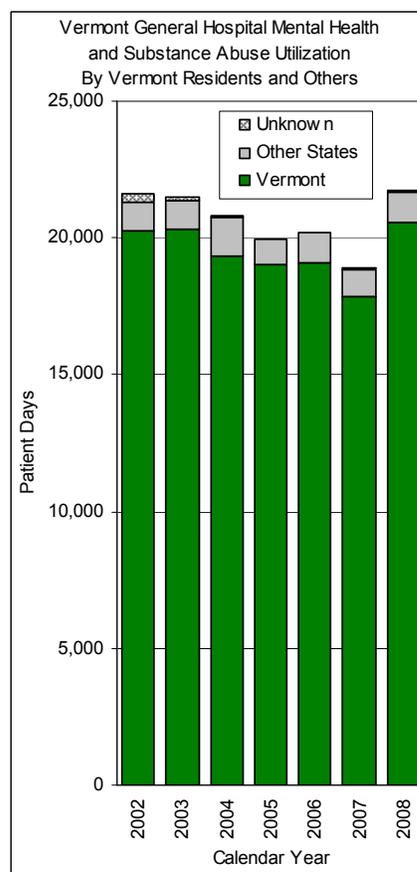
DATE: October 16, 2009

RE: Vermont General Hospital MH&SA Services to Non-Vermont Residents: 2002-08

This week's PIP report focuses on the utilization of Vermont general hospital inpatient mental health and substance abuse services by out-of-state residents during CY2002 – 2008. This analysis focuses on one basic measure of inpatient utilization: total patient days. Other basic measures of inpatient utilization, such as episodes of care and unduplicated numbers of individuals served, are not included in this report.

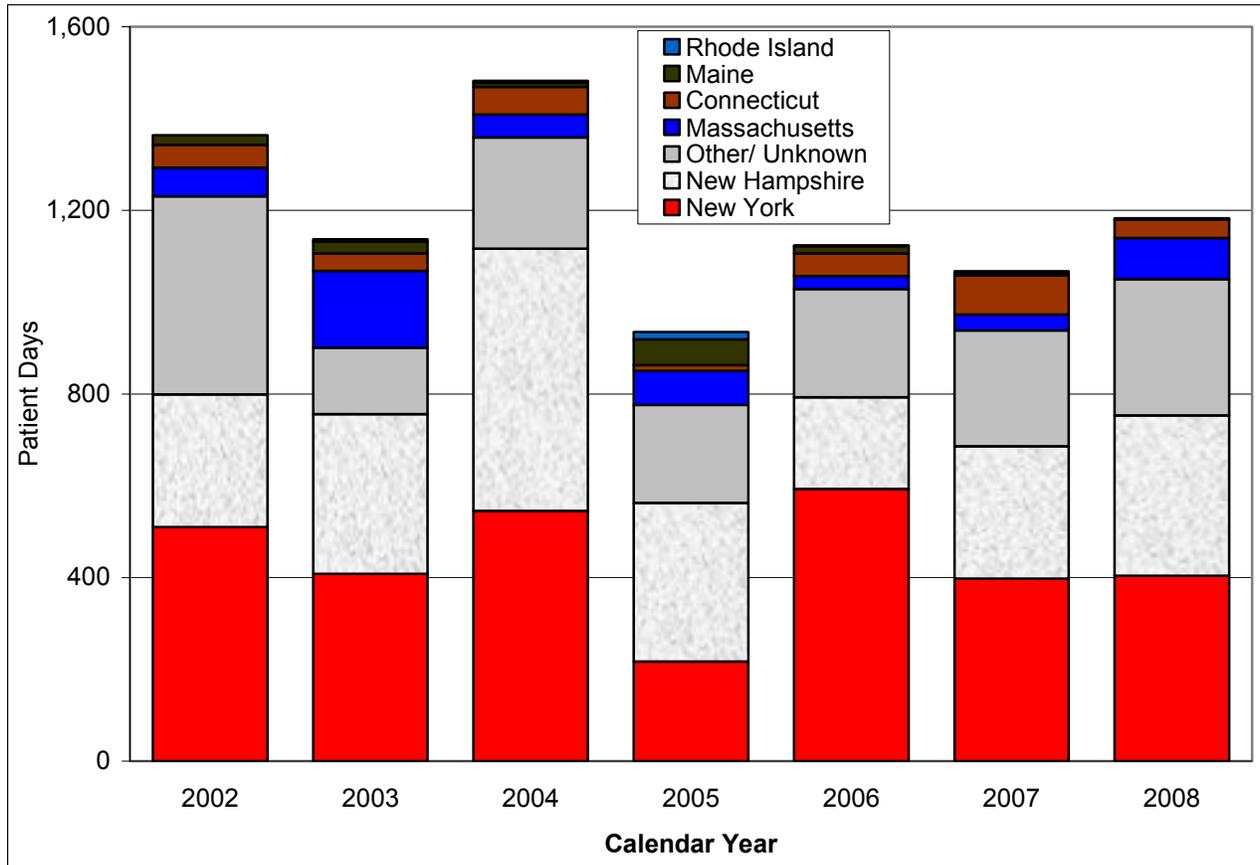
This report is based on analysis of anonymous extracts from the Vermont Uniform Hospital Discharge Dataset (a data set available in most states) that includes detailed (but de-identified) information regarding all episodes of hospitalization in Vermont general hospitals during the study period.

As you will see, out-of-state residents accounted for 8,291 patient days, 6% of all Vermont general hospital mental health and substance abuse patient days during 2002-2008. New York and New Hampshire residents accounted for more than half of all patient days for out-of-state residents, and 2.1% and 1.7% of all days, respectively. On the average day during the period under examination, out-of-state residents accounted for 3 of the total 57 general hospital patient days for mental health or substance abuse treatment.



We look forward to your interpretations of these findings and your suggestions for future analysis of this rich data set. You can reach us at pip@vdh.state.vt.us or call 802-863-7249.

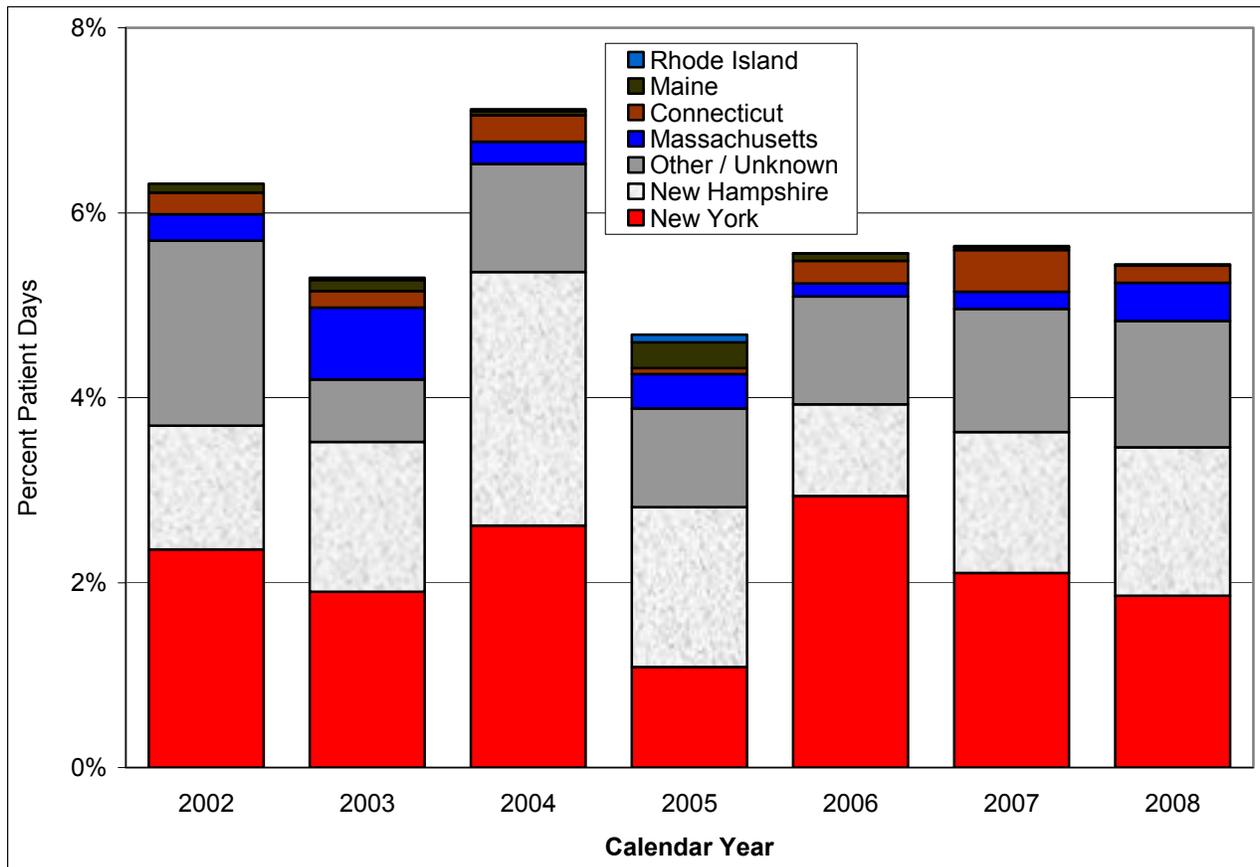
Number of Mental Health and Substance Abuse Patient Days For Non-Vermonters in Vermont General Hospitals: CY2002-2008



Place of Residence	Patient Days							
	Total	2002	2003	2004	2005	2006	2007	2008
Rhode Island	29	0	5	4	16	1	3	0
Maine	137	21	26	9	56	16	6	3
Connecticut	335	50	38	60	13	49	85	40
Massachusetts	507	62	167	50	74	29	35	90
Other / Unknown	1,817	432	145	243	213	235	252	297
New Hampshire	2,391	289	348	571	346	200	288	349
New York	3,075	510	408	545	217	593	398	404
Total Non-Vermont	8,291	1,364	1,137	1,482	935	1,123	1,067	1,183
Total	144,716	21,602	21,468	20,820	19,979	20,187	18,912	21,748

Information is derived from the Vermont Uniform Hospital Discharge Data Set maintained by the Vermont Department of Health. Mental Health and Substance Abuse are defined having Major Diagnostic category (MDC) of Mental Health or Substance Use (19 and 20 respectively). Analysis includes all inpatient discharges from Vermont general hospitals during CY2002-2008.

Percent of Mental Health and Substance Abuse Patient Days For Non-Vermonters in Vermont General Hospitals: CY2002-2008



Place of Residence	Patient Days							
	Total	2002	2003	2004	2005	2006	2007	2008
Rhode Island	< 0.1%	0	< 0.1%	< 0.1%	< 0.1%	< 0.1%	< 0.1%	0
Maine	< 0.1%	< 0.1%	0.1%	< 0.1%	0.3%	< 0.1%	< 0.1%	< 0.1%
Connecticut	0.2%	0.2%	0.2%	0.3%	< 0.1%	0.2%	0.4%	0.2%
Massachusetts	0.4%	0.3%	0.8%	0.2%	0.4%	0.1%	0.2%	0.4%
Other / Unknown	1.3%	2.0%	0.7%	1.2%	1.1%	1.2%	1.3%	1.4%
New Hampshire	1.7%	1.3%	1.6%	2.7%	1.7%	1.0%	1.5%	1.6%
New York	2.1%	2.4%	1.9%	2.6%	1.1%	2.9%	2.1%	1.9%
Total Non-Vermont	6%	6%	5%	7%	5%	6%	6%	5%
Total	144,716	21,602	21,468	20,820	19,979	20,187	18,912	21,748

Information is derived from the Vermont Uniform Hospital Discharge Data Set maintained by the Vermont Department of Health. Mental Health and Substance Abuse are defined having Major Diagnostic category (MDC) of Mental Health or Substance Use (19 and 20 respectively). Analysis includes all inpatient discharges from Vermont general hospitals during CY2002-2008.