

Vermont Mental Health Performance Indicator Project
Agency of Human Services, Department of Health, Division of Mental Health
108 Cherry Street, Burlington, Vermont 05402

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

FROM: John Pandiani and Joan Mongeon

DATE: August 11, 2006

RE: VSH Caseload Overlap with Other Inpatient Facilities

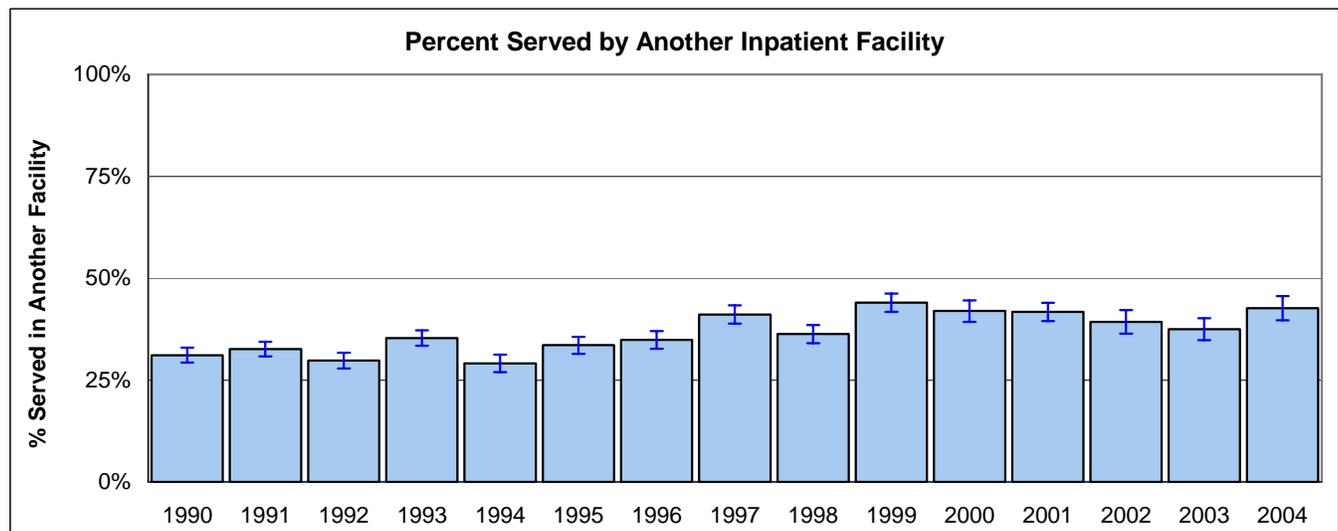
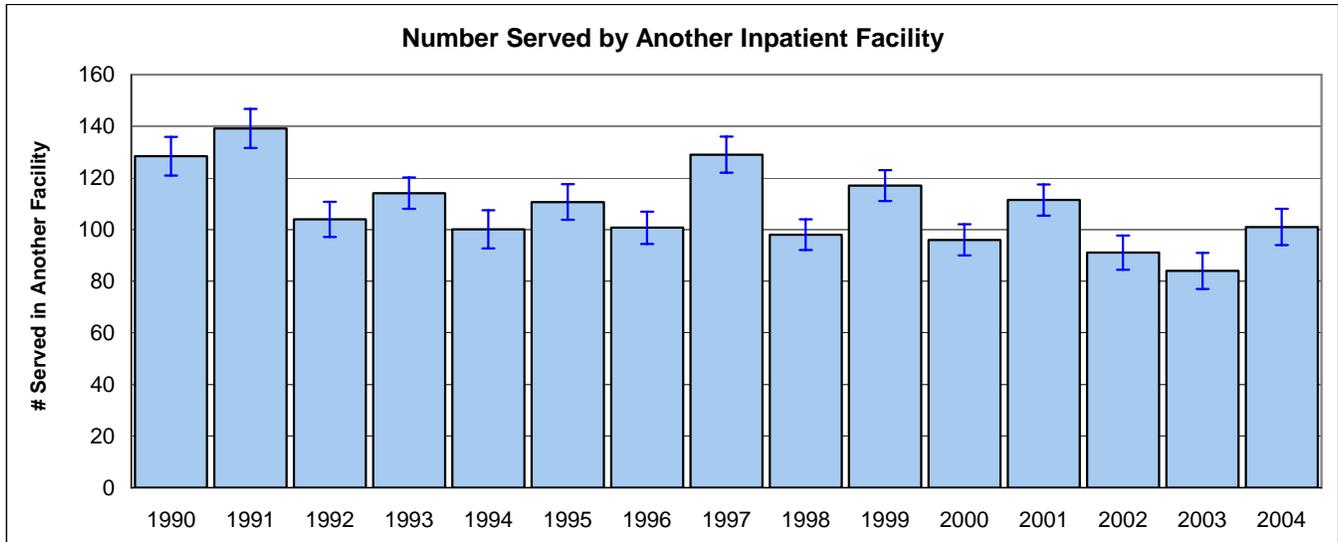
This week's report provides information on the number of Vermont State Hospital (VSH) patients who also received inpatient behavioral health care in another facility overall and by type of facility during 1990 through 2004. This report follows our recent report that provided an overview of inpatient behavioral health care utilization during 1990 through 2004 (<http://healthvermont.gov/mh/docs/pips/2006/pip060206.pdf>). An earlier report on VSH caseload overlap with other inpatient facilities was distributed on August 12, 2005 (<http://healthvermont.gov/mh/docs/pips/2005/pip081205.pdf>).

This report is based on analysis of extracts from existing databases provided by the Vermont Department of Health, VSH, and the Brattleboro Retreat (Vermont's only private psychiatric hospital). The data provided by the Department of Health were extracted from Vermont's Hospital Discharge Data Set. The extract includes detailed (but de-identified) information regarding all episodes of hospitalization for Vermont residents that occurred in general hospitals and veterans' hospitals in Vermont and surrounding states. Because the data sets used in this analysis do not include unique person identifiers, Probabilistic Population Estimation was used to determine unduplicated counts of individuals served.

As you will see, the proportion of VSH patients who received inpatient services from another facility during the same year increased from 31% in 1990 to 43% in 2004. During the first seven years of this time period, the proportion of VSH patients who also received inpatient services from another facility never exceeded 35%, averaging 32% per year. During the most recent eight years of this time period, the proportion of VSH patients who also received inpatient services from another facility never went below 36%, averaging 41% per year. In every year, the greatest number of these other hospitalizations occurred in Vermont general hospitals.

We look forward to your questions, comments and requests for further analysis to pip@VDH.state.vt.us or call 802-863-7249.

VSH Patients with Inpatient Behavioral Health Services from Another Inpatient Facility During the Same Year, 1990-2004



	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total Served	413	427	349	323	344	330	289	314	270	266	229	267	232	224	237
# Served in Another Facility	128	139	104	114	100	111	101	129	98	117	96	111	91	84	101
95% Confidence Interval ()	(7)	(8)	(7)	(6)	(7)	(7)	(6)	(7)	(6)	(6)	(6)	(6)	(7)	(7)	(7)
% Served in Another Facility	31%	33%	30%	35%	29%	34%	35%	41%	36%	44%	42%	42%	39%	38%	43%
95% Confidence Interval ()	(2%)	(2%)	(2%)	(2%)	(2%)	(2%)	(2%)	(2%)	(2%)	(2%)	(3%)	(2%)	(3%)	(3%)	(3%)

Information is derived from the Hospital Discharge Data Set maintained by the Vermont Health Department, and database extracts provided by the Brattleboro Retreat and Vermont State Hospital.

The State of Vermont does not have unique client identifiers across service providers. For this reason, Probabilistic Population Estimation has been used to provide unduplicated counts of people served (with 95% confidence intervals). Actual person counts are available for the Vermont State Hospital.

VSH Patients with Inpatient Behavioral Health Services from Another Facility During the Same Year, by Facility Type, 1990-2004

