

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 Brennan Martin

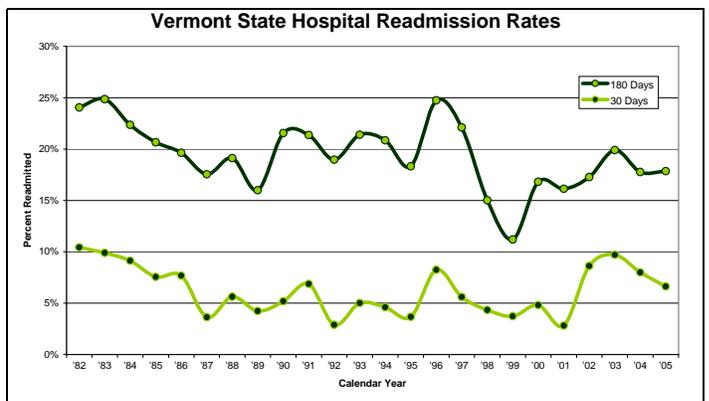
DATE: September 1, 2006

RE: VSH Readmission Rates CY1982-2005

Rates of readmission after a state hospital discharge are core indicators of the performance of public mental health systems of care. Currently, the Center for Mental Health Services requires that states report 30-day and 180-day state hospital readmission rates annually as part of their Uniform Reporting System. This week's PIP examines the rate at which individuals discharged from the Vermont State Hospital (VSH) were readmitted to VSH during the first 30 days and the first 180 days after discharge. This week's PIP is a follow-up to our August 10, 2001 report on State Hospital Readmission Rates in 16 States (<http://healthvermont.gov/mh/docs/pips/2001/pip081001.pdf>) and was prepared in response to Melinda Murtaugh's (Adult Mental Health) request for current readmission data for Vermont's annual Community Mental Health Services Block Grant report.

As you will see, annual VSH 30-day readmission rates varied from 3% to 10% and 180-day readmission rates varied from 11% to 25% during the period under examination. Readmission rates tended to be higher during the early years of this period than during the most recent years.

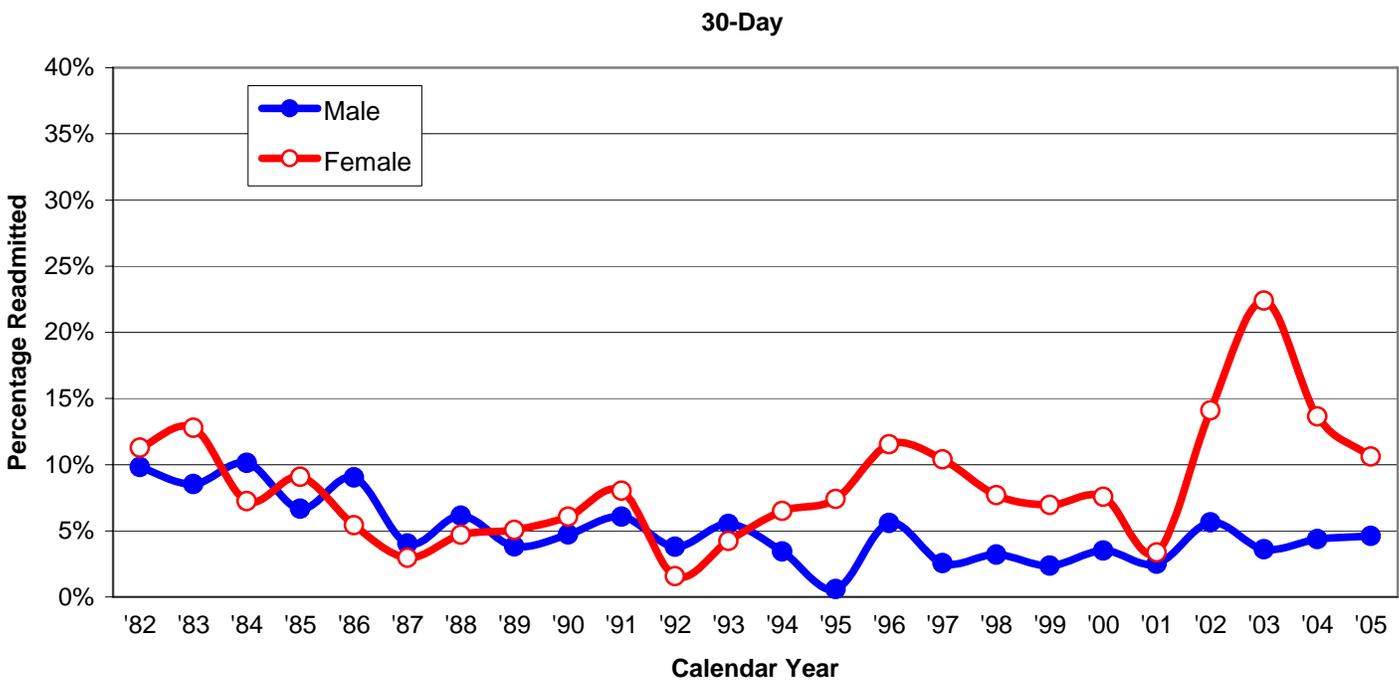
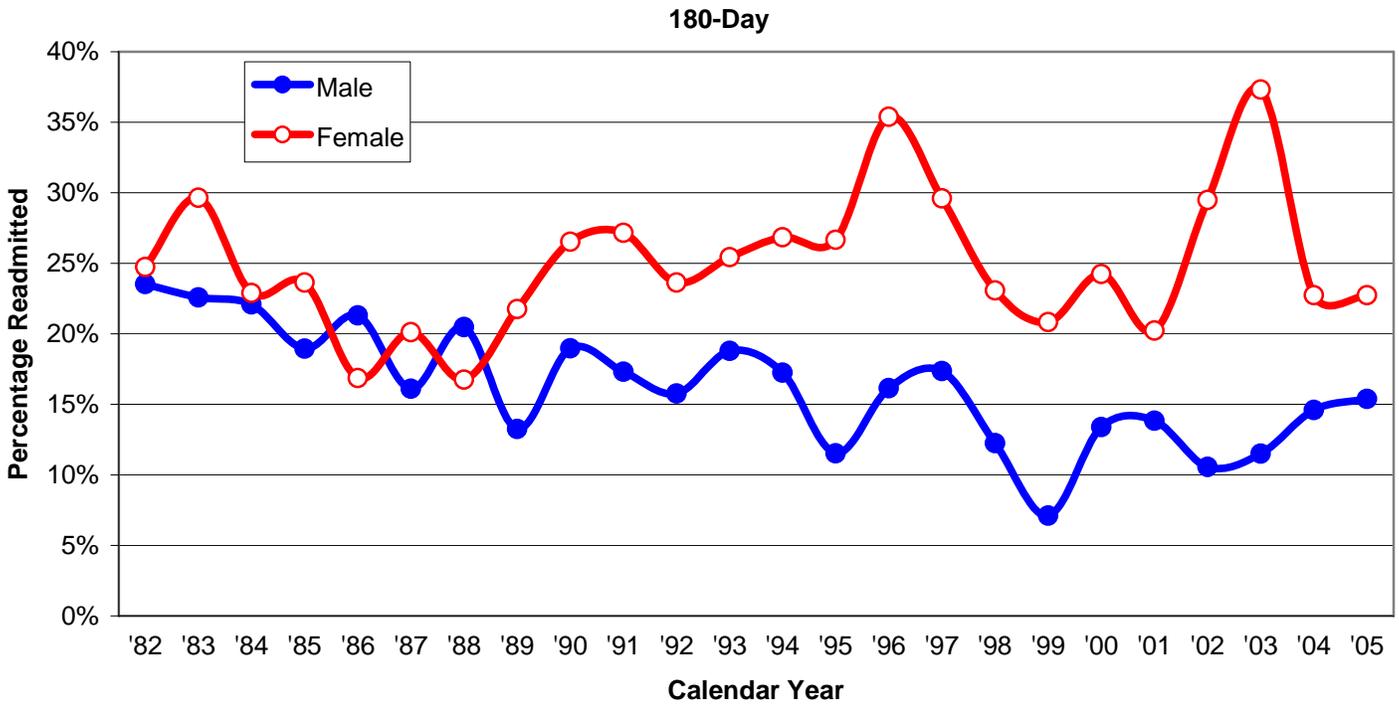
Readmission rates for men and women were similar during the earlier years, but readmission rates for women exceeded readmission rates for men, sometimes by a substantial margin, in the more recent years. Both 30-day and 180-day readmission rates for women discharged from the Vermont State Hospital peaked in 2003 when 22% were readmitted within 30 days and 37% were readmitted within 180 days.



There were no consistent differences in readmission rates among age groups that lasted for the entire period under examination. Young people, however, experienced substantially elevated 30-day readmission rates during 2003 (22%) and substantially elevated 180-day readmission rates during 1996 (34%) and during 2003 (33%).

We look forward to your interpretations of these findings and your suggestions for future analysis of psychiatric admission rates to pip@vdh.state.vt.us or call 802-863-7249.

Vermont State Hospital Readmission Rates by Gender CY1982 - 2005



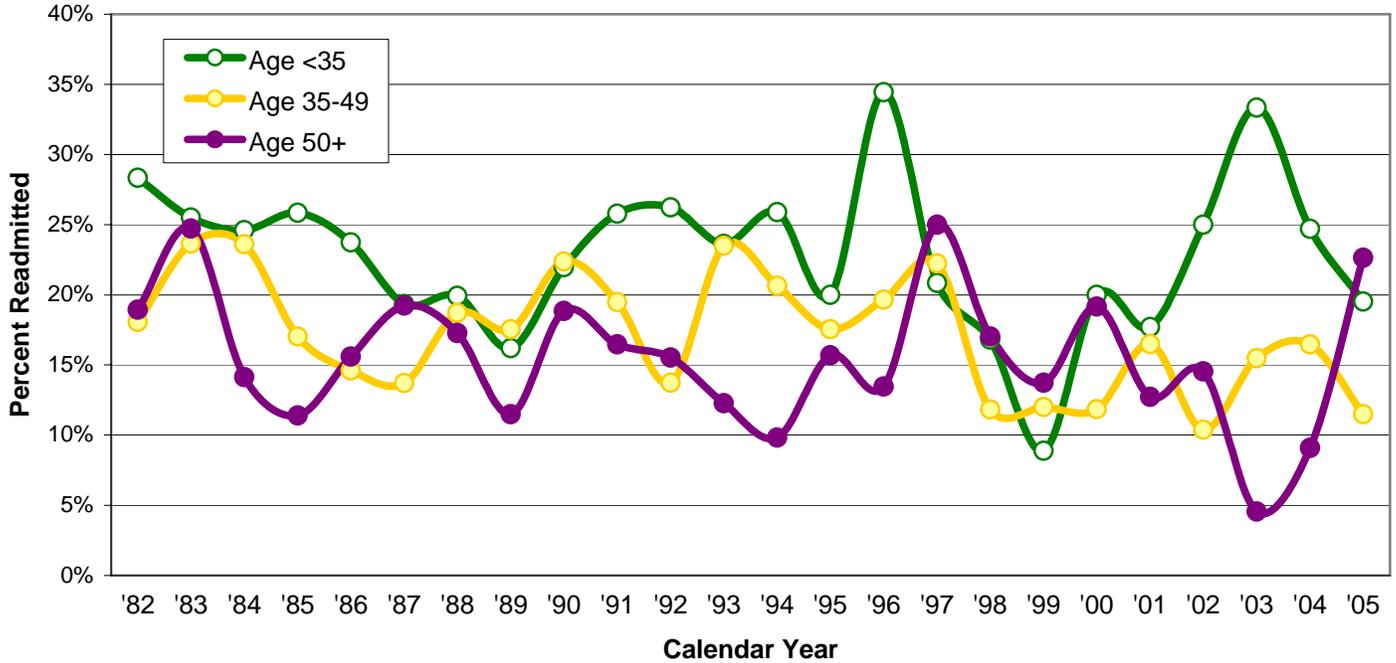
Information is derived from the Vermont State Hospital database.

Vermont State Hospital

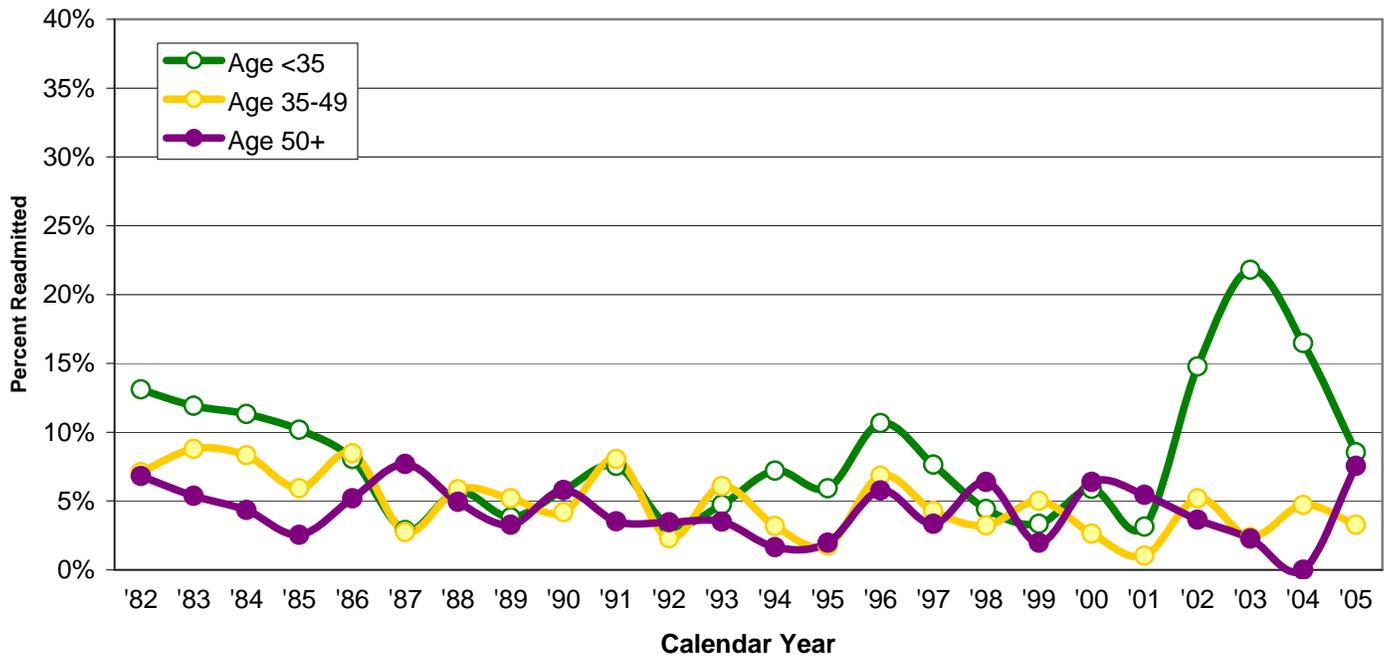
Readmission Rates by Age

CY1982 - 2005

180-Day



30-Day



Information is derived from the Vermont State Hospital database.

Vermont State Hospital

180 Day Readmission Rates CY1982-2005						
	Total	By Gender		By Age		
		Male	Female	< 35 Years	35-49 Years	50+ Years
1982	24%	24%	25%	28%	18%	19%
1983	25%	23%	30%	26%	24%	25%
1984	22%	22%	23%	25%	24%	14%
1985	21%	19%	24%	26%	17%	11%
1986	20%	21%	17%	24%	15%	16%
1987	18%	16%	20%	19%	14%	19%
1988	19%	20%	17%	20%	19%	17%
1989	16%	13%	22%	16%	18%	11%
1990	22%	19%	27%	22%	22%	19%
1991	21%	17%	27%	26%	19%	16%
1992	19%	16%	24%	26%	14%	16%
1993	21%	19%	25%	24%	23%	12%
1994	21%	17%	27%	26%	21%	10%
1995	18%	12%	27%	20%	18%	16%
1996	25%	16%	35%	34%	20%	13%
1997	22%	17%	30%	21%	22%	25%
1998	15%	12%	23%	17%	12%	17%
1999	11%	7%	21%	9%	12%	14%
2000	17%	13%	24%	20%	12%	19%
2001	16%	14%	20%	18%	16%	13%
2002	17%	11%	29%	25%	10%	15%
2003	20%	12%	37%	33%	15%	5%
2004	18%	15%	23%	25%	16%	9%
2005	18%	15%	23%	20%	11%	23%

30 Day Readmission Rates CY1982-2005						
	Total	By Gender		By Age		
		Male	Female	< 35 Years	35-49 Years	50+ Years
1982	10%	10%	11%	13%	7%	7%
1983	10%	9%	13%	12%	9%	5%
1984	9%	10%	7%	11%	8%	4%
1985	8%	7%	9%	10%	6%	3%
1986	8%	9%	5%	8%	8%	5%
1987	4%	4%	3%	3%	3%	8%
1988	6%	6%	5%	6%	6%	5%
1989	4%	4%	5%	4%	5%	3%
1990	5%	5%	6%	6%	4%	6%
1991	7%	6%	8%	8%	8%	4%
1992	3%	4%	2%	3%	2%	3%
1993	5%	6%	4%	5%	6%	4%
1994	5%	3%	7%	7%	3%	2%
1995	4%	1%	7%	6%	2%	2%
1996	8%	6%	12%	11%	7%	6%
1997	6%	3%	10%	8%	4%	3%
1998	4%	3%	8%	4%	3%	6%
1999	4%	2%	7%	3%	5%	2%
2000	5%	4%	8%	6%	3%	6%
2001	3%	3%	3%	3%	1%	5%
2002	9%	6%	14%	15%	5%	4%
2003	10%	4%	22%	22%	2%	2%
2004	8%	4%	14%	16%	5%	0%
2005	7%	5%	11%	9%	3%	8%

Information is derived from the Vermont State Hospital database.