

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 Olivia Kobel

DATE: July 28, 2006

RE: Vermont State Hospital Utilization: FY1986-2006

The attached tables provide a year-by-year overview of Vermont State Hospital (VSH) utilization in terms of legal status on admission, age, and gender for FY1986 through FY2006. This information is provided in both graphic and tabular format. More detailed definitions are available in the technical notes to the 2005 DMH Statistical report at (<http://healthvermont.gov/mh/docs/dept/annual-stats/2005/2005statPart9.pdf>)

As you will see, the caseload of the Vermont State Hospital decreased substantially between 1986 and 2006. The total number of VSH patient days during 2006 (18,755) was only 27% of the total VSH patient days for 1986 (69,005). This represents a 73% decrease in the number of VSH patient days during this period.

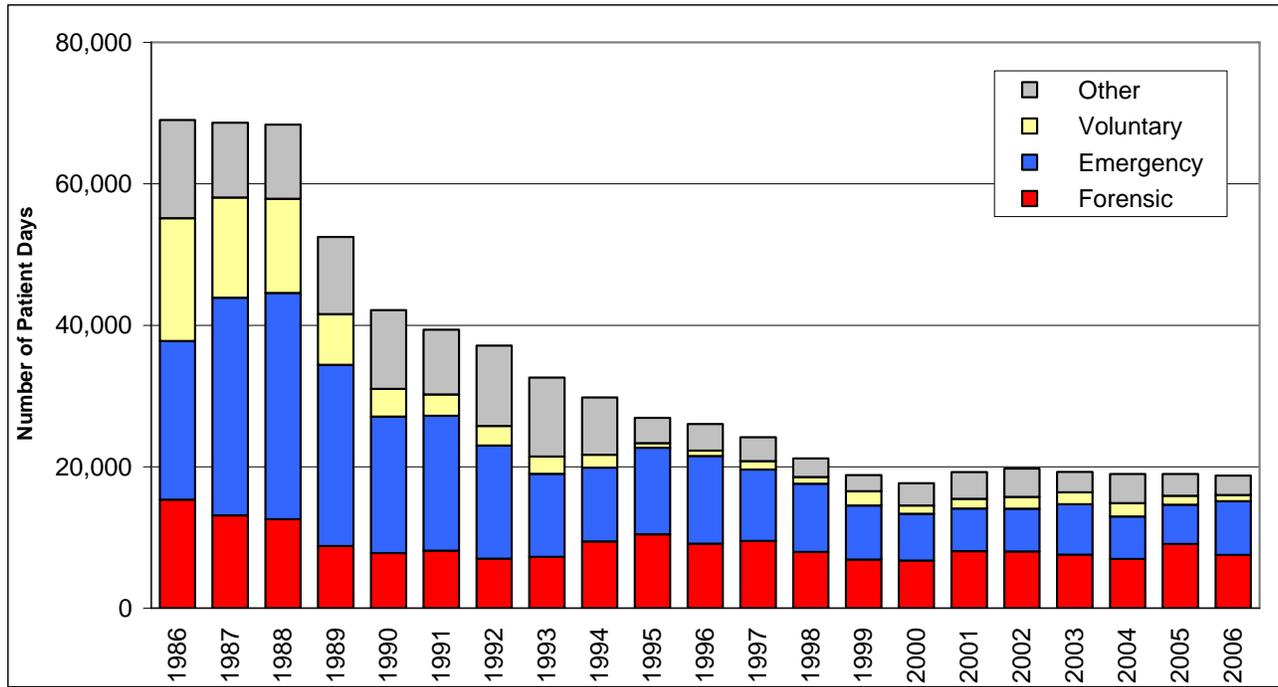
In terms of legal status, the greatest decrease in patient days was among individuals who had been voluntarily admitted (95% decrease) and the smallest decrease was among patients who had been admitted in a forensic legal status (51% decrease). As a proportion of VSH patient days, voluntary patients decreased from 25% in 1986 to 5% in 2006 while forensic patients increased from 22% in 1986 to 40% in 2006.

In terms of age, the greatest decrease in patient days was in the 65+ age group (83% decrease) and the smallest decrease was among patients in the 50-64 age group (53% decrease). As a proportion of VSH patient days, patients in the 65+ age group decreased from 14% in 1986 to 8% in 2006 and patients aged 50-64 increased from 4% in 1986 to 32% in 2006.

In terms of gender, the decrease in patient days for women was greater than for men (a 79% decrease for women vs. a 68% decrease for men). As a proportion of VSH patient days, male patients increased from 59% of all patient days in 1986 to 69% of all patient days in 2006, while female patients decreased from 41% of all patient days in 1986 to 31% of all patient days in 2006.

We look forward to your questions, your interpretation of these findings, and your suggestions for further analysis to pip@vdh.state.vt.us or to 802-863-7249.

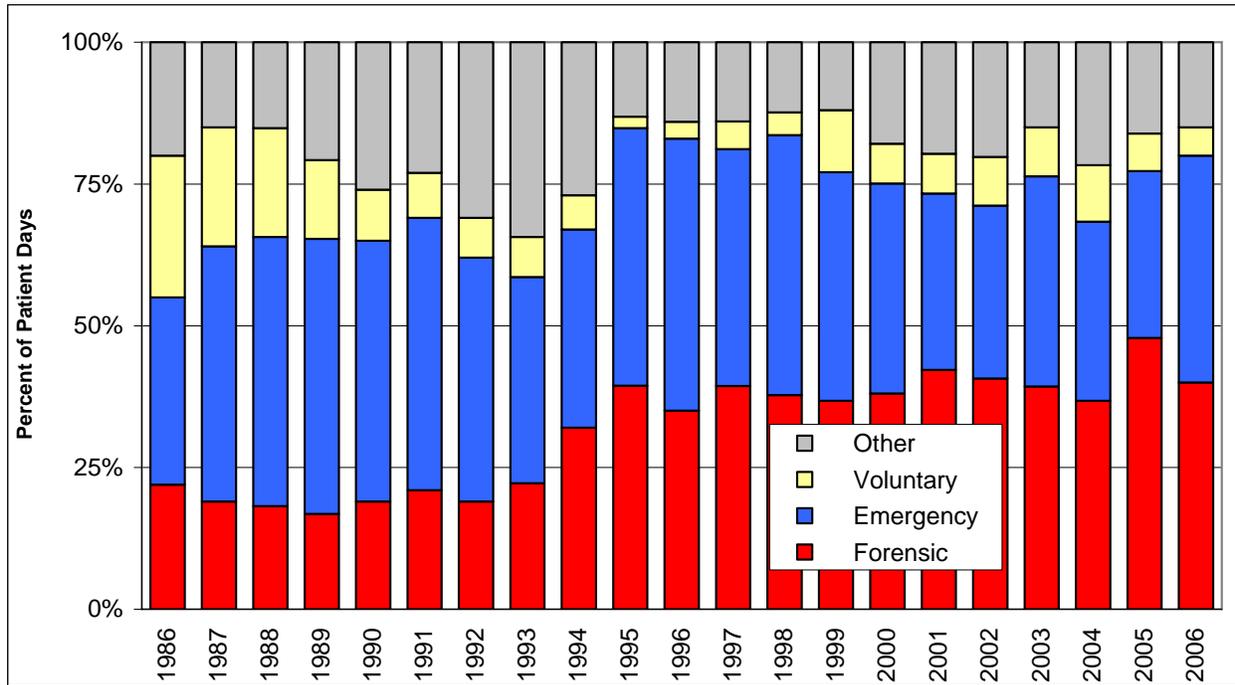
Vermont State Hospital - Legal Status on Admission
Total Patient Days: FY1986 - FY2006



YEAR	Legal Status on Admission			
	Forensic	Emergency	Voluntary	Other
	#	#	#	#
1986	15,369	22,423	17,346	13,867
1987	13,093	30,818	14,148	10,596
1988	12,573	32,001	13,296	10,502
1989	8,796	25,601	7,189	10,897
1990	7,809	19,270	3,937	11,123
1991	8,124	19,084	3,000	9,152
1992	7,000	16,002	2,779	11,354
1993	7,254	11,753	2,422	11,182
1994	9,413	10,456	1,813	8,105
1995	10,462	12,232	650	3,557
1996	9,112	12,396	747	3,768
1997	9,506	10,093	1,177	3,380
1998	7,957	9,658	930	2,605
1999	6,892	7,615	2,018	2,269
2000	6,725	6,605	1,181	3,164
2001	8,059	6,056	1,354	3,761
2002	8,027	6,016	1,689	3,986
2003	7,566	7,142	1,658	2,890
2004	6,971	5,995	1,883	4,114
2005	9,070	5,570	1,261	3,050
2006	7,529	7,584	868	2,774

For definitions and technical specifications, refer to the technical Notes to the DMH FY2005 Statistical Report at: <http://healthvermont.gov/mh/docs/dept/annual-stats/2005/2005statPart8.pdf>

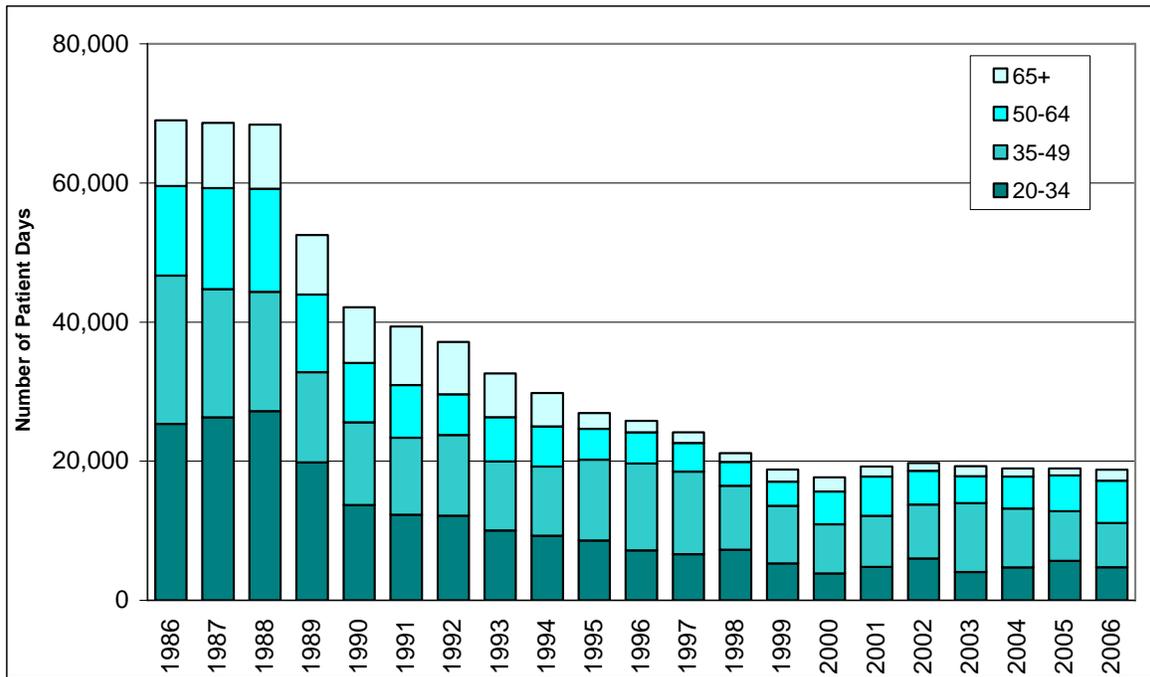
Vermont State Hospital - Legal Status on Admission
Total Patient Days: FY1986 - FY2006



YEAR	Legal Status on Admission			
	Forensic	Emergency	Voluntary	Other
	%	%	%	%
1986	22%	33%	25%	20%
1987	19%	45%	21%	15%
1988	18%	47%	19%	15%
1989	17%	49%	14%	21%
1990	19%	46%	9%	26%
1991	21%	48%	8%	23%
1992	19%	43%	7%	31%
1993	22%	36%	7%	34%
1994	32%	35%	6%	27%
1995	39%	45%	2%	13%
1996	35%	48%	3%	14%
1997	39%	42%	5%	14%
1998	38%	46%	4%	12%
1999	37%	41%	11%	12%
2000	38%	37%	7%	18%
2001	42%	31%	7%	20%
2002	41%	31%	9%	20%
2003	39%	37%	9%	15%
2004	37%	32%	10%	22%
2005	48%	29%	7%	16%
2006	40%	40%	5%	15%

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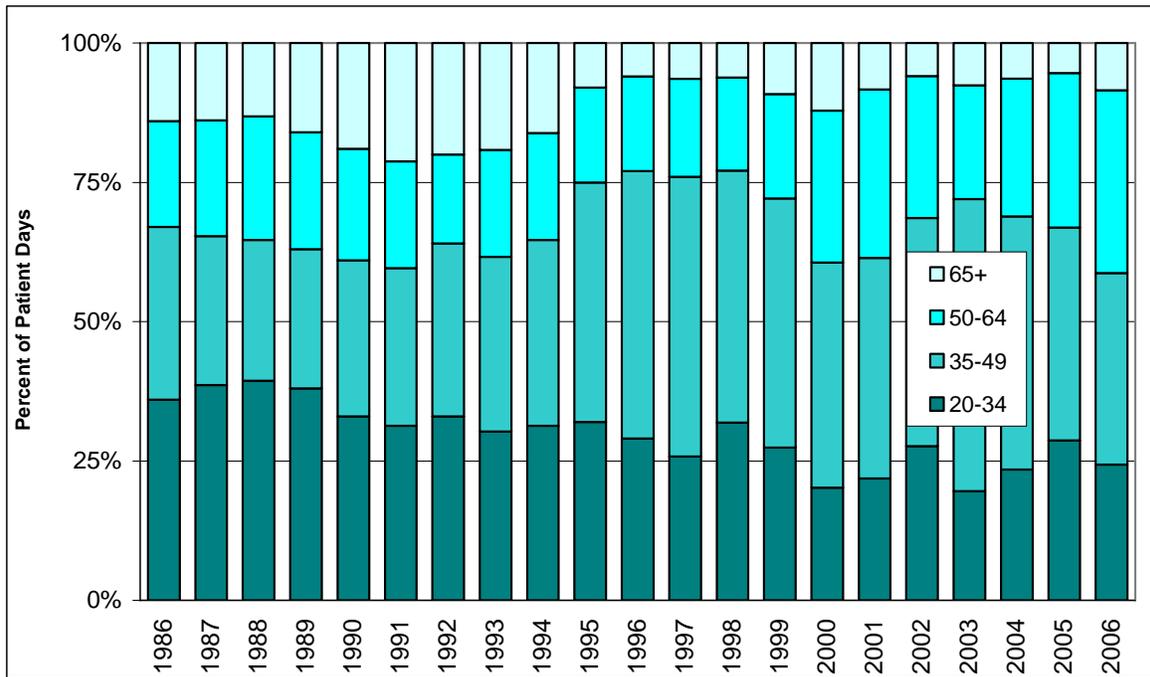
Vermont State Hospital - Age Total Patient Days: FY1986 - FY2006



YEAR	Age			
	Under 35	35 - 49	50 - 64	65+
	#	#	#	#
1986	25,359	21,348	12,847	9,451
1987	26,272	18,453	14,521	9,409
1988	27,173	17,159	14,844	9,196
1989	19,796	13,012	11,148	8,527
1990	13,698	11,904	8,511	8,026
1991	12,272	11,100	7,568	8,420
1992	12,160	11,603	5,835	7,537
1993	10,026	9,953	6,344	6,288
1994	9,289	9,922	5,796	4,780
1995	8,590	11,604	4,441	2,266
1996	7,167	12,495	4,483	1,646
1997	6,625	11,865	4,148	1,518
1998	7,252	9,201	3,437	1,260
1999	5,315	8,264	3,469	1,746
2000	3,850	7,059	4,731	2,035
2001	4,794	7,346	5,642	1,448
2002	6,026	7,749	4,817	1,126
2003	4,066	9,906	3,847	1,437
2004	4,709	8,462	4,606	1,186
2005	5,672	7,118	5,157	1,004
2006	4,751	6,363	6,077	1,564

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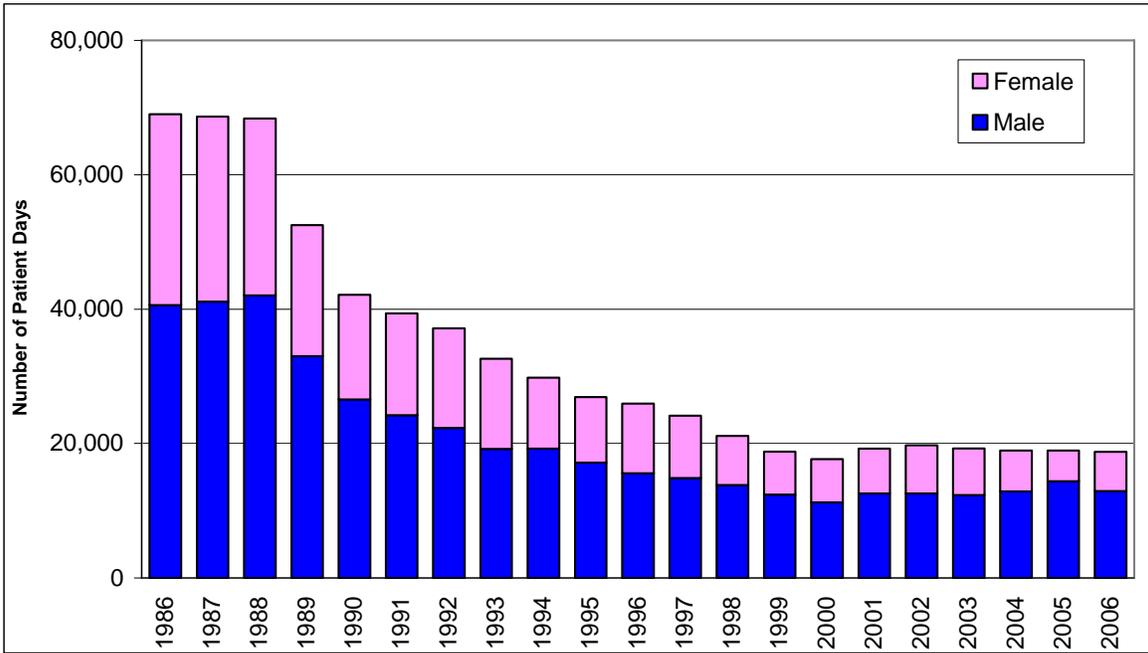
Vermont State Hospital - Age Total Patient Days: FY1986 - FY2006



YEAR	Age			
	Under 35	35 - 49	50 - 64	65+
	%	%	%	%
1986	36%	31%	19%	14%
1987	39%	27%	21%	14%
1988	39%	25%	22%	13%
1989	38%	25%	21%	16%
1990	33%	28%	20%	19%
1991	31%	28%	19%	21%
1992	33%	31%	16%	20%
1993	30%	31%	19%	19%
1994	31%	33%	19%	16%
1995	32%	43%	17%	8%
1996	29%	48%	17%	6%
1997	25%	49%	17%	6%
1998	31%	44%	16%	6%
1999	27%	44%	18%	9%
2000	20%	40%	27%	12%
2001	21%	38%	29%	8%
2002	27%	39%	24%	6%
2003	19%	51%	20%	7%
2004	23%	45%	24%	6%
2005	28%	38%	27%	5%
2006	24%	34%	32%	8%

For definitions and technical specifications, refer to the technical Notes to the DMH FY2005 Statistical Report at:
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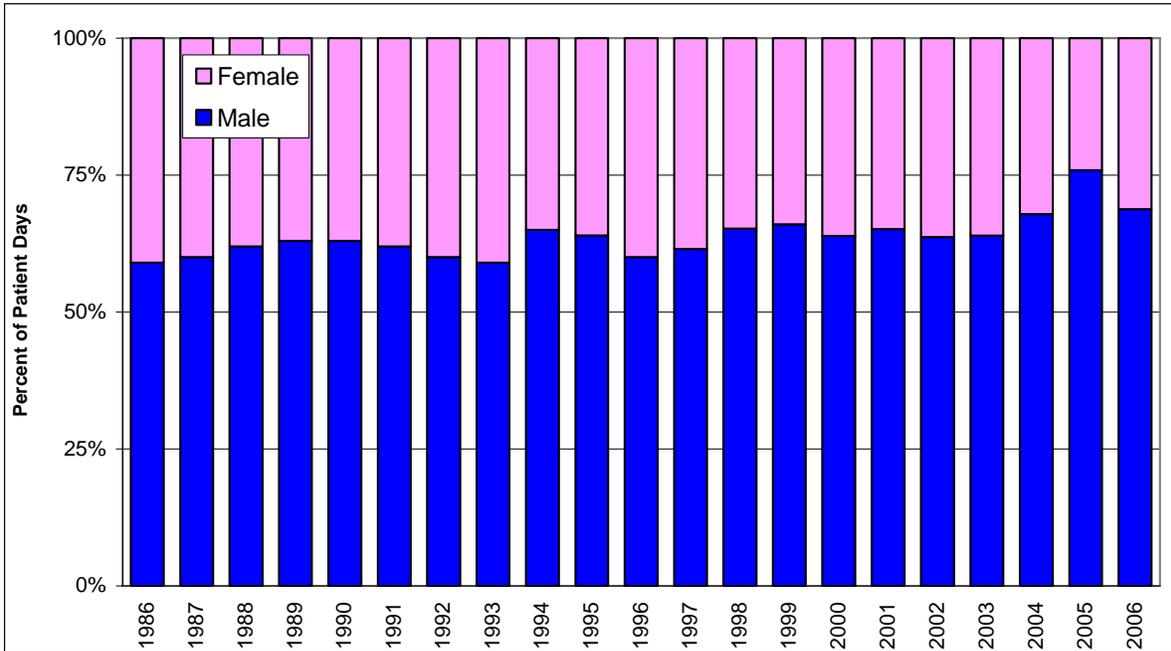
Vermont State Hospital - Gender
Total Patient Days: FY1986 - FY2006



YEAR	Gender		Total Patient Days
	Male	Female	
	#	#	
1986	40,595	28,410	69,005
1987	41,095	27,559	68,654
1988	42,066	26,306	68,372
1989	33,010	19,473	52,483
1990	26,564	15,575	42,139
1991	24,219	15,141	39,360
1992	22,330	14,805	37,135
1993	19,205	13,406	32,611
1994	19,221	10,566	29,787
1995	17,153	9,748	26,901
1996	15,567	10,356	25,923
1997	14,862	9,294	24,156
1998	13,801	7,349	21,150
1999	12,398	6,396	18,794
2000	11,249	6,426	17,675
2001	12,562	6,668	19,230
2002	12,556	7,162	19,718
2003	12,314	6,942	19,256
2004	12,872	6,091	18,963
2005	14,384	4,567	18,951
2006	12,902	5,853	18,755

For definitions and technical specifications, refer to the technical Notes to the DMH FY2005 Statistical Report at:
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Vermont State Hospital - Gender
Total Patient Days: FY1986 - FY2006



YEAR	Gender	
	Male	Female
	%	%
1986	59%	41%
1987	60%	40%
1988	62%	38%
1989	63%	37%
1990	63%	37%
1991	62%	38%
1992	60%	40%
1993	59%	41%
1994	65%	35%
1995	64%	36%
1996	60%	40%
1997	62%	38%
1998	65%	35%
1999	66%	34%
2000	64%	36%
2001	65%	35%
2002	64%	36%
2003	64%	36%
2004	68%	32%
2005	76%	24%
2006	69%	31%

For definitions and technical specifications, refer to the technical Notes to the DMH FY2005 Statistical Report at:
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