

# Vermont Mental Health Performance Indicator Project

Agency of Human Services, Department of Mental Health  
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TO: Vermont Mental Health Performance Indicator Project  
Advisory Group and Interested Parties

FROM: John Pandiani and Walter Ochs

DATE: October 7, 2011

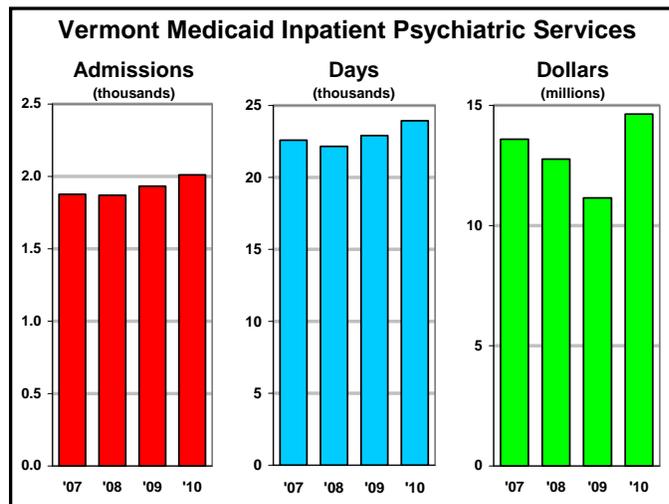
RE: Medicaid Inpatient Psychiatric Utilization:  
Designated Agency Clients and Others FY2007–2010

This week's brief report provides information regarding Vermont Medicaid reimbursed inpatient psychiatric services to three groups of service recipients during each of four fiscal years (2007-2010). These groups include individuals who received Community Rehabilitation and Treatment (CRT) services for adults with severe and persistent mental illness, other individuals who received services from Department of Mental Health (DMH) designated agencies (DAs), and Vermont residents who did not receive DA services. This report was prepared in response to a request for information from Tom Scribner at the Department of Vermont Health Access (DVHA).

This report is based on analysis of Medicaid paid claims data maintained by DVHA and Monthly Service Report (MSR) data submitted to DMH by designated community mental health agencies. Three indicators of Medicaid inpatient psychiatric utilization are examined: psychiatric inpatient admissions, inpatient days, and dollars paid by Medicaid for these services.

As you will see, there were relatively small changes in admissions and days between 2007 and 2010. The number of admissions increased from 1,877 in '07 to 2,011 in '10, and the number of inpatient days, increased by from 22,596 in '07 to 23,942 in '10. The cost of these episodes of care, however, varied substantially during this study period. The total Medicaid costs for these inpatient psychiatric services decreased from, \$13.5M in '07 to \$12.8M in '08, and \$11.1M in '09, before increasing to \$14.6M in '10.

When this four-year period is considered as a whole, CRT service recipients accounted the smallest proportion of admissions (27%, compared to 38% for other CMH and 35% for Others); the smallest proportion of inpatient psychiatric days (29%, compared to 38% for Other CMH and 33% for Others); and the smallest proportion of Medicaid expenditures for psychiatric inpatient services (23%, vs. 48% for other CMH, and 28% for Others).



We look forward to your questions and comments about these findings, and your suggestions for further analyses of data regarding psychiatric inpatient in Vermont. As always, we can be reached at [pip@ahs.state.vt.us](mailto:pip@ahs.state.vt.us).

## Medicaid Inpatient Psychiatric Services To CRT Service Recipients and Others Admissions, Days, and Paid Amounts FY2007-FY2010

	FY2007		FY2008		FY2009		FY2010		Overall	
	#	%Total								
<b>Admissions</b>										
CRT	551	29%	547	29%	521	27%	451	22%	2,070	27%
Other CMH	702	37%	723	39%	733	38%	786	39%	2,944	38%
Not CMH	624	33%	600	32%	679	35%	774	38%	2,677	35%
<b>Total</b>	<b>1,877</b>	<b>100%</b>	<b>1,870</b>	<b>100%</b>	<b>1,933</b>	<b>100%</b>	<b>2,011</b>	<b>100%</b>	<b>7,691</b>	<b>100%</b>
<b>Days</b>										
CRT	7,062	31%	7,166	32%	6,506	28%	5,842	24%	26,576	29%
Other CMH	7,908	35%	8,406	38%	9,068	40%	9,018	38%	34,400	38%
Not CMH	7,626	34%	6,580	30%	7,337	32%	9,082	38%	30,625	33%
<b>Total</b>	<b>22,596</b>	<b>100%</b>	<b>22,152</b>	<b>100%</b>	<b>22,911</b>	<b>100%</b>	<b>23,942</b>	<b>100%</b>	<b>91,601</b>	<b>100%</b>
<b>Paid Amount</b>										
CRT	\$3,464,346	25%	\$3,420,801	27%	\$2,315,987	21%	\$2,914,327	20%	\$12,115,461	23%
Other CMH	\$6,623,392	49%	\$6,254,405	49%	\$5,431,814	49%	\$6,878,686	47%	\$25,188,296	48%
Not CMH	\$3,508,686	26%	\$3,093,374	24%	\$3,395,960	30%	\$4,837,867	33%	\$14,835,888	28%
<b>Total</b>	<b>\$13,596,424</b>	<b>100%</b>	<b>\$12,768,580</b>	<b>100%</b>	<b>\$11,143,761</b>	<b>100%</b>	<b>\$14,630,880</b>	<b>100%</b>	<b>\$52,139,645</b>	<b>100%</b>

Analysis Conducted by the Vermont Mental Health Performance Indicator Project

Based on analysis of Medicaid Paid Claims data maintained by the Department of Vermont Health Access and Monthly Service Report (MSR) data maintained by the Vermont Department of Mental Health. Includes Medicaid inpatient and inpatient crossover claims with a mental health (MH) primary diagnosis and an admission date during each of fiscal years 2007 through 2010. MH diagnosis includes all ICD9 codes for MH diagnosis-related groups (DRGs). Community Rehabilitation and Treatment (CRT) includes CRT clients served during each fiscal year. Other CMH includes Adult Outpatient programs, Substance Abuse, and Childrens' programs.