

**Vermont Mental Health Performance Indicator Project**  
Agency of Human Services, Department of Health, Division 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 Olivia Kobel

DATE: January 5, 2007

RE: Movement from Children's Services into Adult Services

This week's PIP updates an earlier report on the movement of children's mental health service recipients into adult mental health caseloads during the 1990s.<sup>1</sup> This report was prepared in response to a question from Louis Kurtz from the Kentucky Department for Mental Health. The attached graph and table provide information on the number of young people aged 15 - 17 served by children's services programs in Vermont during 1997 through 2000 who were later served by the adult mental health programs in the same agency when they were 21 - 23 years of age.

The analysis is based on two anonymous extracts from the Vermont Division of Mental Health Monthly Service Report (MSR) database. The first extract included basic demographic information regarding all individuals served by children's services programs during FY1997, FY1998, FY1999 or FY2000. The second extract included basic demographic information for all individuals who were served by adult mental health programs when they were 21 - 23 years old. Because these data sets do not include unique person identifiers, Probabilistic Population Estimation (PPE) was used to estimate the number of unique individuals represented in each data set and the number of unique individuals shared by the data sets.

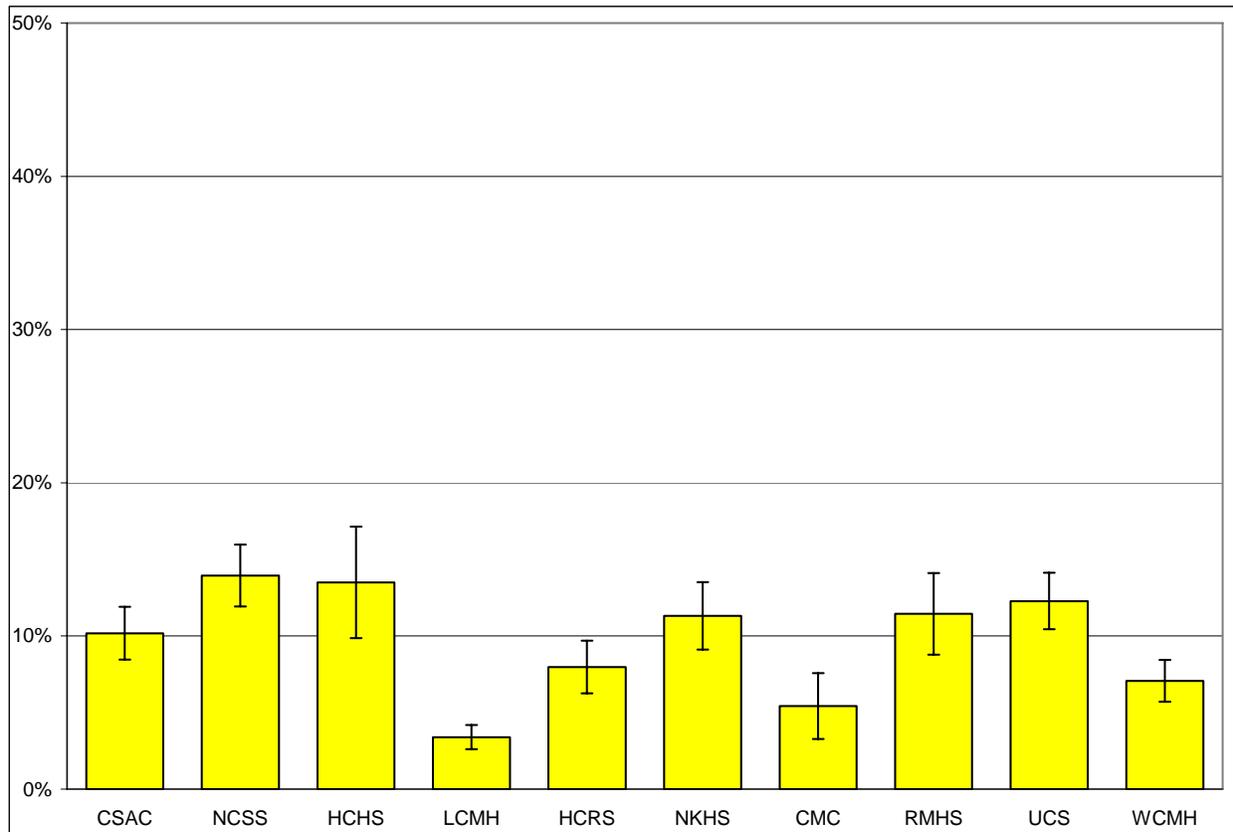
As you will see, only 10% of 15 - 17 year olds served by children's services programs in Vermont during the time period also received services from an adult mental health program at the same CMHC when they were 21 - 23 years old. There was no difference between the genders in the likelihood of being served by adult outpatient programs after being served by children's services programs. There was, however, substantial variation across providers. The rate of transition to adult services ranged from a high of 14% of young people at Northwest (NCSS) to a low of 3% of young people served at Lamoille (LCMH).

We look forward to your interpretation of these findings and your suggestions for further analysis of this comprehensive data set. Please forward your comments and suggestions to [pip@vdh.state.vt.us](mailto:pip@vdh.state.vt.us) or 802.863.7249.

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<sup>1</sup> <http://healthvermont.gov/mh/docs/pips/1999/pip041699.pdf>

## 15-17 Year Olds Served in Children's MH Programs also Served by Adult Programs at same CMHC as 21-23 Years Olds



	<b>Total</b>			
	<b>15 - 17 Year Olds Served by Children's MH during FY1997 - FY2000</b>	<b>21 - 23 Year Olds Served by Adult MH at same CMHC</b>	<b>Children also served by Adult MH</b>	
			<b>Number</b>	<b>Percent</b>
<b>Total</b>	6,638 ± 36	4,932 ± 31	650 ± 53	10% ± 1%
Male	3,229 ± 25	2,645 ± 25	310 ± 38	10% ± 1%
Female	3,408 ± 26	2,288 ± 19	340 ± 36	10% ± 1%
Addison - CSAC	701 ± 11	351 ± 6	71 ± 12	10% ± 2%
Northwest - NCSS	476 ± 8	311 ± 5	66 ± 10	14% ± 2%
Chittenden - HCHS	968 ± 19	1,412 ± 25	131 ± 35	13% ± 4%
Lamoille - LCMH	196 ± 3	49 ± 1	7 ± 2	3% ± 1%
Southeast - HCRS	1,225 ± 19	597 ± 9	98 ± 21	8% ± 2%
Northeast - NKHS	800 ± 13	558 ± 9	91 ± 18	11% ± 2%
Orange - CMC	450 ± 7	362 ± 6	24 ± 10	5% ± 2%
Rutland - RMHS	581 ± 9	590 ± 9	67 ± 15	11% ± 3%
Bennington - UCS	595 ± 9	355 ± 6	73 ± 11	12% ± 2%
Washington - WCMH	545 ± 9	220 ± 4	39 ± 7	7% ± 1%

Analysis is based on anonymous extracts from Monthly Service Reports (MSR) provided to DMH by designated community mental health agencies. Adult CMHC Programs include: Community Rehabilitation and Treatment, Adult Outpatient, Substance Abuse and Emergency Services. Because data sets used in this analysis do not share unique person identifiers, Probabilistic Population Estimation was used to measure caseload size and overlap (with 95% confidence intervals).