

Vermont Mental Health Performance Indicator Project
Agency of Human Services, Department of Health, Division of Mental Health
Weeks Building, 103 South Main Street, Waterbury, VT 05671-1601

MEMORANDUM

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

FROM: John Pandiani
Monica Boyd

DATE: February 11, 2005

RE: CRT Clients in Trouble with the Law

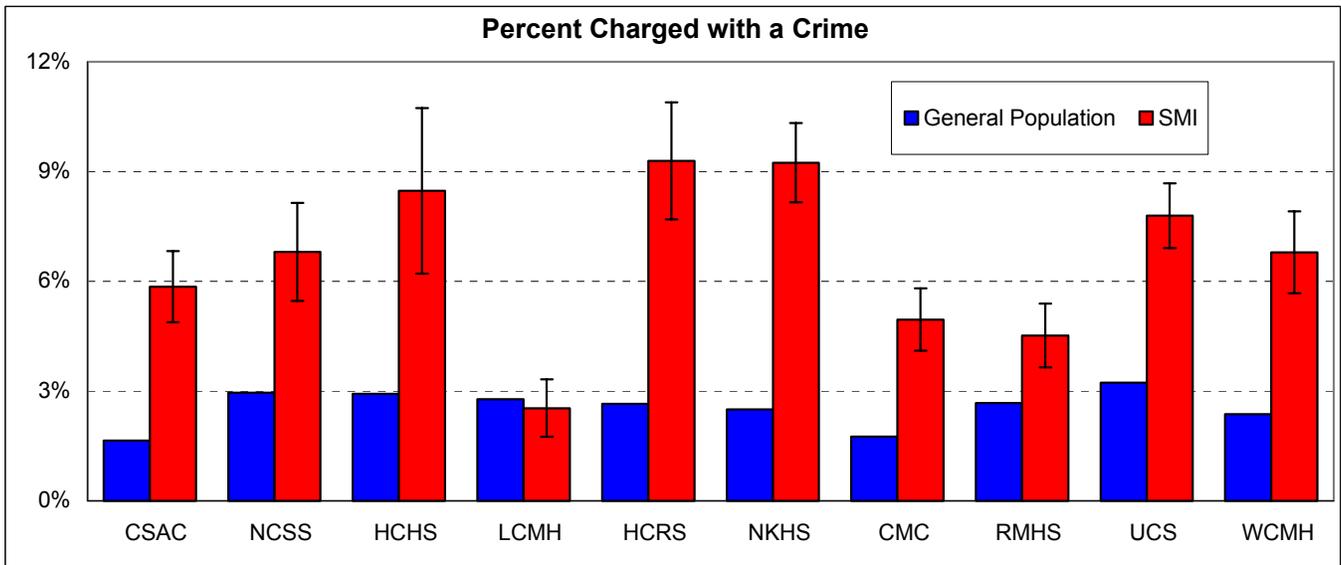
The Uniform Reporting System (URS) tables required by the Federal Center for Mental Health Services (CMHS) include statewide measures of criminal justice involvement for both adults and children. The attached table, graph, and map provide this measure for each of Vermont's ten mental health service areas for individuals served by Community Rehabilitation and Treatment (CRT) programs for adults with serious mental illness.

Two data sets were used in this analysis. One data set is an anonymous extract from the DMH Monthly Service Report database that includes the date of birth, gender, and region of all individuals served by CRT programs during FY2004. The second data set is an anonymous extract from the Vermont Center for Justice Research criminal charging database that includes the date of birth, gender, and region of all individuals served by CRT programs during FY2004. Because these data sets do not include unique person identifiers, Probabilistic Population Estimation was used to determine the number of people represented in each data set and the number shared by both data sets. These estimates are based on a comparison of the distribution of dates of birth in the data sets to the known distribution of dates of birth in the general population.

As you will see, CRT clients were substantially more likely than other residents to be charged with a crime during FY2004. Statewide, CRT clients are 2.8 times as likely to be charged with a crime. The elevated risk of being charged with a crime was greatest in Southeastern and Northeastern Vermont where CRT clients were more than three times as likely. In Lamoille County, however, there was no significant difference between the rate at which CRT clients were charged with a crime and the rate at which other residents were charged with a crime.

We look forward to your interpretation of these findings and your suggestions for further analysis to pip@vdh.state.vt.us or call 802-241-2638.

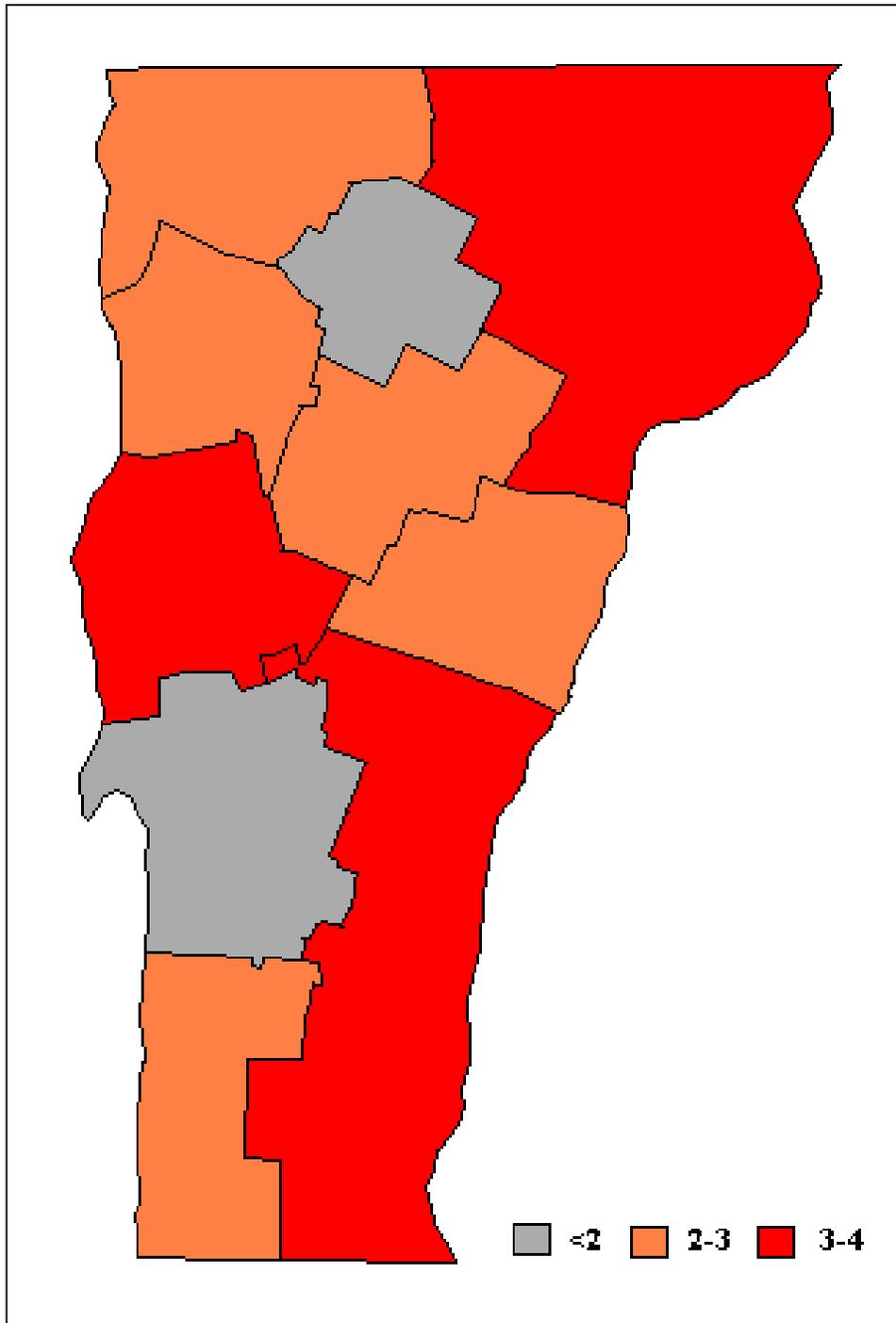
**Criminal Charges
Adults with Serious Mental Illness and General Population
By Region: FY 2004**



	Adult Population	Number with SMI	Number Charged w/ a Crime	% of Population Charged w/ a Crime	SMI Charged w/ a Crime		Relative Risk
					Number	Percent	
Total	401,482	2,878 ± 10	10,564 ± 46	2.6% ± 0.0%	212 ± 17	7.4% ± 0.6%	2.8 ± 0.2
CSAC	23,434	149 ± 2	385 ± 5	1.6% ± 0.0%	9 ± 1	5.9% ± 1.0%	3.6 ± 0.6
NCSS	35,013	214 ± 2	1,035 ± 11	3.0% ± 0.0%	15 ± 3	6.8% ± 1.3%	2.3 ± 0.5
HCHS	100,215	621 ± 6	2,934 ± 34	2.9% ± 0.0%	53 ± 14	8.5% ± 2.3%	2.9 ± 0.8
LCMH	15,985	115 ± 1	443 ± 5	2.8% ± 0.0%	3 ± 1	2.5% ± 0.8%	0.9 ± 0.3
HCRS	60,556	410 ± 4	1,605 ± 18	2.7% ± 0.0%	38 ± 7	9.3% ± 1.6%	3.5 ± 0.6
NKHS	40,032	367 ± 4	1,002 ± 11	2.5% ± 0.0%	34 ± 4	9.2% ± 1.1%	3.7 ± 0.4
CMC	24,179	158 ± 2	424 ± 5	1.8% ± 0.0%	8 ± 1	5.0% ± 0.9%	2.8 ± 0.5
RMHS	40,536	269 ± 3	1,083 ± 12	2.7% ± 0.0%	12 ± 2	4.5% ± 0.9%	1.7 ± 0.3
UCS	22,895	176 ± 2	740 ± 9	3.2% ± 0.0%	14 ± 2	7.8% ± 0.9%	2.4 ± 0.3
WCMH	38,638	399 ± 4	914 ± 10	2.4% ± 0.0%	27 ± 4	6.8% ± 1.1%	2.9 ± 0.5

Analysis is based on an anonymous extract from the monthly service data provided to DMH by the community mental health centers and an anonymous extract of all individuals charged with a crime in Vermont provided to DMH from the Vermont Center for Justice Research. 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). Relative Risk is derived by dividing the rate at which adults with serious mental illness is charged with a crime by the rate at which the general population is charged with a crime.

**Relative Risk of Correctional Involvement
(Compared to General Population Rate)
For Adult Mental health Service Recipients in Vermont: FY2004**



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