

Vermont Mental Health Performance Indicator Project

Agency of Human Services, Department of Mental Health
26 Terrace Street, Montpelier, VT 05602

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

FROM: John Pandiani and Walter Ochs

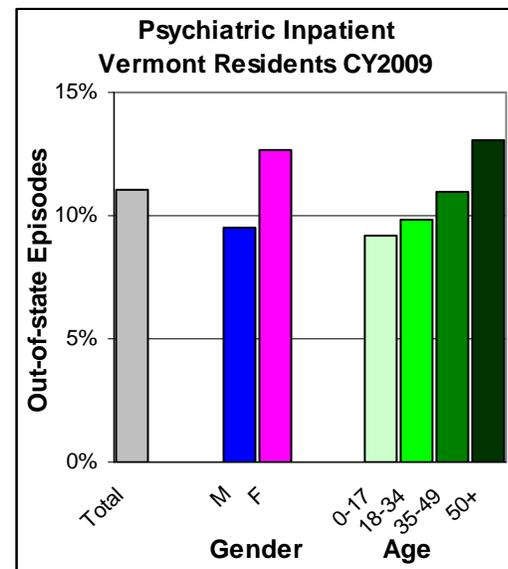
DATE: October 28, 2011

RE: Out-of-state Inpatient Psychiatric Utilization by County

This week's brief report provides information regarding the proportion of inpatient psychiatric services to Vermont residents that were provided in neighboring states. This analysis was stimulated by a question from Frank Reed, Director of Mental Services in the Vermont Department of Mental Health. This report is one of an ongoing series of reports that examine inpatient service utilization by Vermont residents. Copies of previous reports are available on-line at: <http://mentalhealth.vermont.gov/report/pip/service#inpatient>

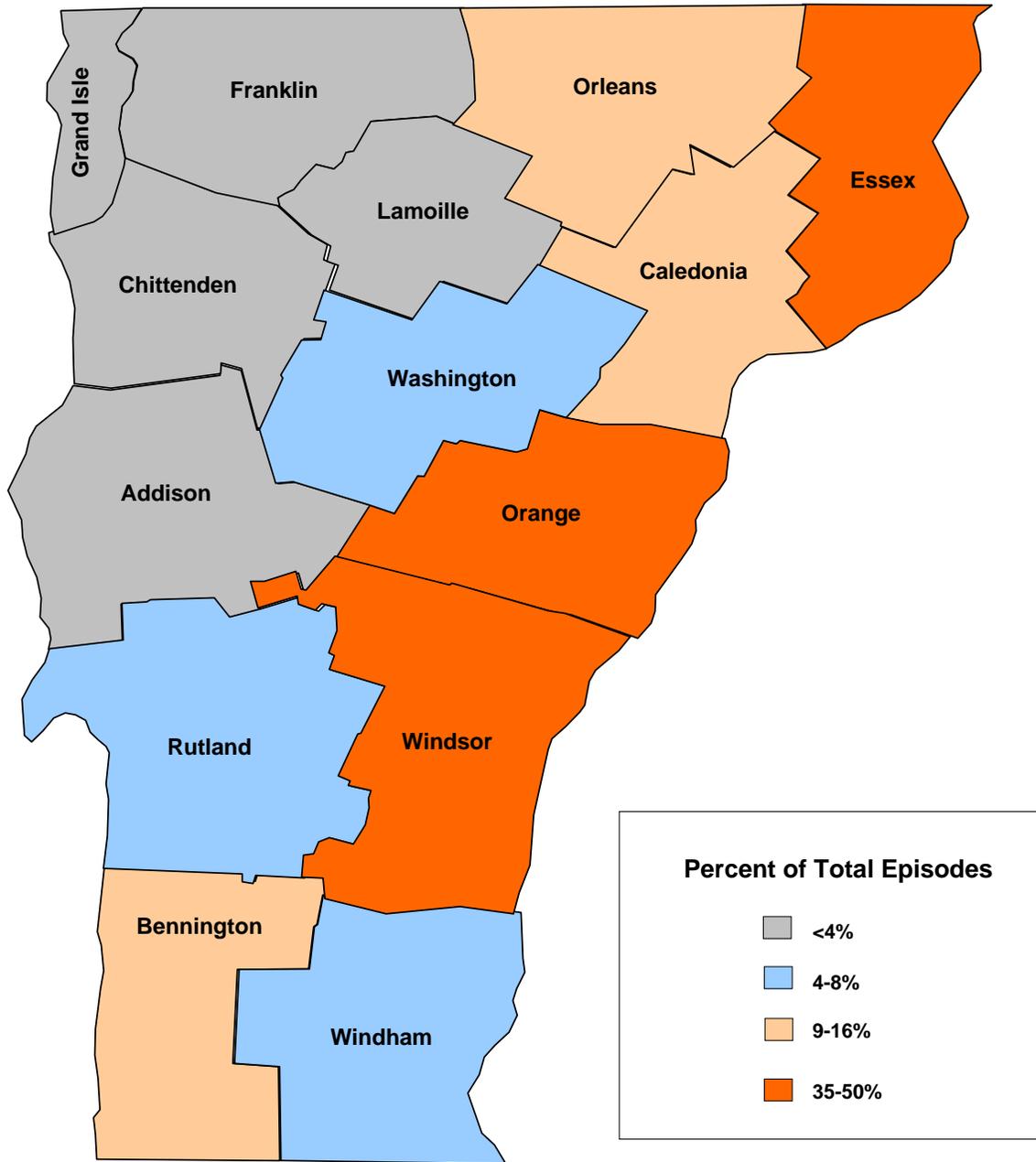
This report is based on analysis of extracts of databases maintained by the Vermont Department of Health (VDH), the Vermont State Hospital, the Brattleboro Retreat (Vermont's only private psychiatric hospital), and the Veterans Affairs (VA) Hospital in White River Junction. Data provided by VDH are from Vermont's Uniform Hospital Discharge Data Set. This data set includes detailed, but de-identified, information regarding all episodes of hospitalization of Vermont residents that occur in general hospitals in Vermont, New Hampshire, Massachusetts, and neighboring counties of New York during calendar year 2009.

As you will see, out-of-state facilities accounted for more than 11% of all episodes of inpatient psychiatric services provided to Vermont residents during 2009. There was, however, substantial variation among Vermont counties in the proportion of episodes that occurred out-of-state. More than one third of all inpatient psychiatric services to residents of Essex, Windsor, and Orange counties in eastern Vermont were in out-of-state hospitals, while less than 4% of all inpatient psychiatric services to residents of Addison, Chittenden, Franklin/Grand Isle, and Lamoille counties in western Vermont were in out-of-state hospitals. There were also interesting differences among demographic groups in utilization of out-of-state facilities, with out-of-state services more likely for older adults than youth and more likely for female than male patients.



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 or 802-828-1703.

Out-of-state Inpatient Psychiatric Utilization Vermont Residents During CY2009



Analysis based on the Vermont Uniform Hospital Discharge Data Set maintained by the Vermont Department of Health and database extracts provided by the Brattleboro Retreat, White River Junction VA Medical Hospital, and Vermont State Hospital. Includes psychiatric hospitalization of Vermont residents during CY2009.

Out-of-state Psychiatric Hospitalization Episodes of Hospitalization by Gender, Age, and County Vermont Residents During CY2009

	<u>Total Episodes</u>	<u>Out of State</u>	
		<u>#</u>	<u>%</u>
Statewide	4,874	540	11.1%
Gender			
Male	2,404	229	9.5%
Female	2,461	311	12.6%
Age			
0-17	414	38	9.2%
18-34	1,582	156	9.9%
35-49	1,473	162	11.0%
50+	1,405	184	13.1%
County			
Essex	23	11	47.8%
Windsor	562	206	36.7%
Orange	257	91	35.4%
Bennington	332	53	16.0%
Caledonia	145	19	13.1%
Orleans	122	11	9.0%
Windham	636	48	7.5%
Washington	559	35	6.3%
Rutland	744	30	4.0%
Addison	261	9	3.4%
Franklin/Grand Isle	217	6	2.8%
Chittenden	863	19	2.2%
Lamoille	124	2	1.6%

Analysis based on the Vermont Uniform Hospital Discharge Data Set maintained by the Vermont Department of Health and database extracts provided by the Brattleboro Retreat, White River Junction VA Medical Hospital, and Vermont State Hospital. Includes psychiatric hospitalization of Vermont residents during CY2009.