

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 Joan Mongeon

DATE: June 16, 2006

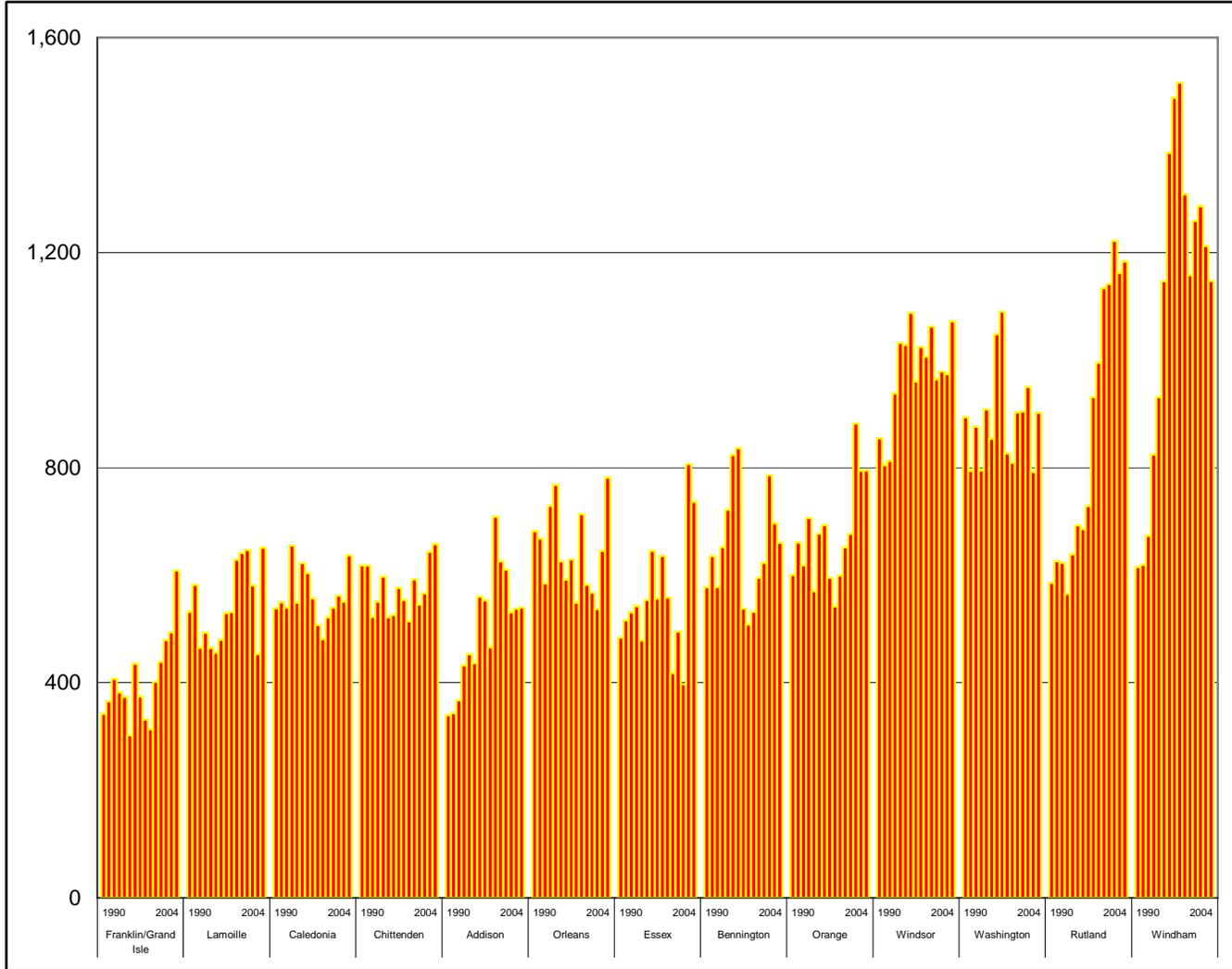
RE: 2004 Regional Inpatient Behavioral Health Utilization

This week's PIP report provides regional rates of hospitalization (episodes of care per 100,000 population) for mental health and substance abuse service utilization in Vermont and New Hampshire by Vermont residents during 1990 - 2004. This report was prepared in response to a request from Boyd Tracy following our June 2, 2006 PIP report on statewide inpatient utilization rates. For a more detailed description of the data sources and the analysis, please refer to our June 2 report (<http://healthvermont.gov/mh/docs/pips/2006/pip060206.pdf>).

As you will see, there was substantial variation in hospitalization rates among regions of Vermont and there were substantial changes within regions over time. Overall, the Franklin/Grand Isle region tended to have the lowest hospitalization rates (averaging 382 per 100,000 population) and Windham County tended to have the highest hospitalization rates (averaging 1,105 per 100,000 population) during this period. Rutland County had the greatest percentage increase in hospitalization between 1990 and 2004 (+102%), and Washington County had the lowest percentage increase between 1990 and 2004 (+1%). It is important to keep in mind that these hospitalization rates are based on the current population for each year, so increases in hospitalization rates are not attributable to population growth.

We look forward to your interpretations of these findings and your suggestions for future analysis of this very rich data set to pip@vdh.state.vt.us or call 802-863-7249.

Episodes of Hospitalization Per 100,000 Population
for Behavioral Health Care, Vermont Residents: 1990 - 2004



Episodes per 100,000 Population by County of Residence

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Total	619	619	598	639	679	680	740	728	709	720	752	748	782	768	814
Franklin/Grand Isle	342	365	407	382	373	302	435	375	331	314	401	439	479	493	609
Lamoille	532	582	465	493	465	456	480	529	531	628	641	647	581	453	651
Caledonia	539	550	540	655	549	623	604	557	508	481	522	540	562	551	637
Chittenden	619	618	522	551	598	522	526	576	554	514	592	545	566	644	658
Addison	340	343	367	432	453	437	560	554	466	709	625	610	531	538	540
Orleans	682	668	584	729	768	625	592	630	549	714	582	567	537	646	782
Essex	484	516	531	543	479	554	645	557	636	559	418	495	397	807	736
Bennington	577	635	578	652	722	824	836	538	508	532	595	623	786	697	660
Orange	600	661	618	706	570	677	693	595	542	600	652	676	882	794	795
Windsor	855	805	813	938	1,032	1,028	1,088	960	1,025	1,006	1,062	964	979	974	1,072
Washington	894	794	876	795	908	854	1,048	1,090	827	809	903	904	950	792	902
Rutland	586	626	623	565	639	692	686	729	931	995	1,134	1,142	1,222	1,162	1,184
Windham	616	620	673	825	931	1,147	1,386	1,488	1,516	1,309	1,158	1,259	1,286	1,212	1,147

Information is derived from the Hospital Discharge Data Set maintained by the Vermont Health Department, and database extracts provided by the Brattleboro Retreat and Vermont State Hospital. Behavioral health care includes both mental illness and substance abuse.