

Vermont Mental Health Performance Indicator Project
Agency of Human Services, Department of Health, Department 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 Walter Ochs

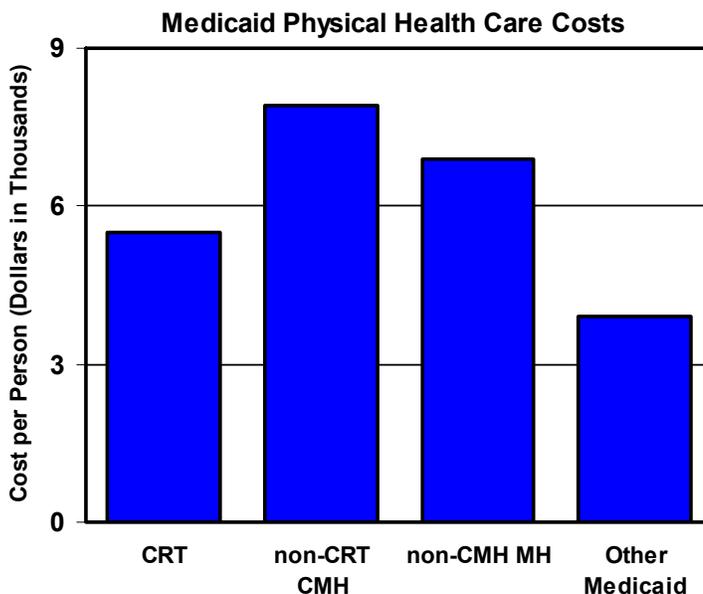
DATE: February 15, 2008

RE: Medicaid Physical Health Care Costs for Mental Health Service Recipients

This week's PIP report continues our on-going examination of the health status and health service utilization by individuals with mental health and substance abuse disorders (a list of earlier reports is provided on page 2). Specifically, this report focuses on the average per-person cost for medical services for four groups of adult Medicaid enrollees during CY2006. One group includes individuals who received Medicaid reimbursed services from a community mental health center (CMH) Community Rehabilitation and Treatment (CRT) program for adults with serious mental illness. The second group includes individuals who received Medicaid reimbursed services from non-CRT CMH adult mental health programs. The third group includes individuals who received Medicaid reimbursed mental health services from non-CMH service providers (non-CMH MH). The fourth group includes Medicaid beneficiaries who did not receive any Medicaid reimbursed mental health services during the study period (Other Medicaid).

This report is based on analysis of CY2006 Vermont Medicaid paid claims for physical health care provided to adults aged 18 and over. Physical health care costs exclude costs for MH/Psychotherapy services and psychotherapeutic drugs, and exclude beneficiaries with paid claims with a provider type of "MR Clinic" or "MR Waiver". The CRT group includes all beneficiaries with Medicaid claims paid to a provider type of "DDMHS Case Rate." The non-CRT CMH group includes all non-CRT beneficiaries with claims paid to a community mental health provider type. The non-CMH MH group includes all beneficiaries with claims paid for MH/Psychotherapy services who were not CRT and were not non-CRT CMH. The Other Medicaid group includes all other Medicaid beneficiaries. All person counts are unduplicated based on Medicaid Recipient Unique ID.

As you will see, all three Medicaid mental health service recipient groups had substantially higher physical health care costs than individuals with no Medicaid mental health services. Individuals with no Medicaid mental health services averaged less than \$4,000 per person in health care costs. Individuals with CRT services averaged more than \$5,500 per person in health care costs. Individuals with non-CMH mental health services averaged more than \$6,800 in health care costs. The highest health care costs per person were among individuals with non-CRT CMH mental health services who averaged almost \$8,000 in Medicaid reimbursed physical health care costs during the study year.



Medicaid reimbursed physical health care costs for women were substantially higher than for men in the CRT group. This gender difference was much smaller in the non CRT CMHC group and negligible in the non-CMH MH group. Medicaid reimbursed physical health care costs for older enrollees (50 years and older) were very much greater than for younger enrollees in the non-CRT CMH and non-CMH MH groups. The age-related cost difference for the CRT group, however, was much smaller. It is important to keep in mind that health care costs reimbursed by Medicare are not included in this analysis. In order to fill this gap, the Performance Indicator Project has begun the process of obtaining Medicare paid claims data from the Centers for Medicare & Medicaid Services (CMS).

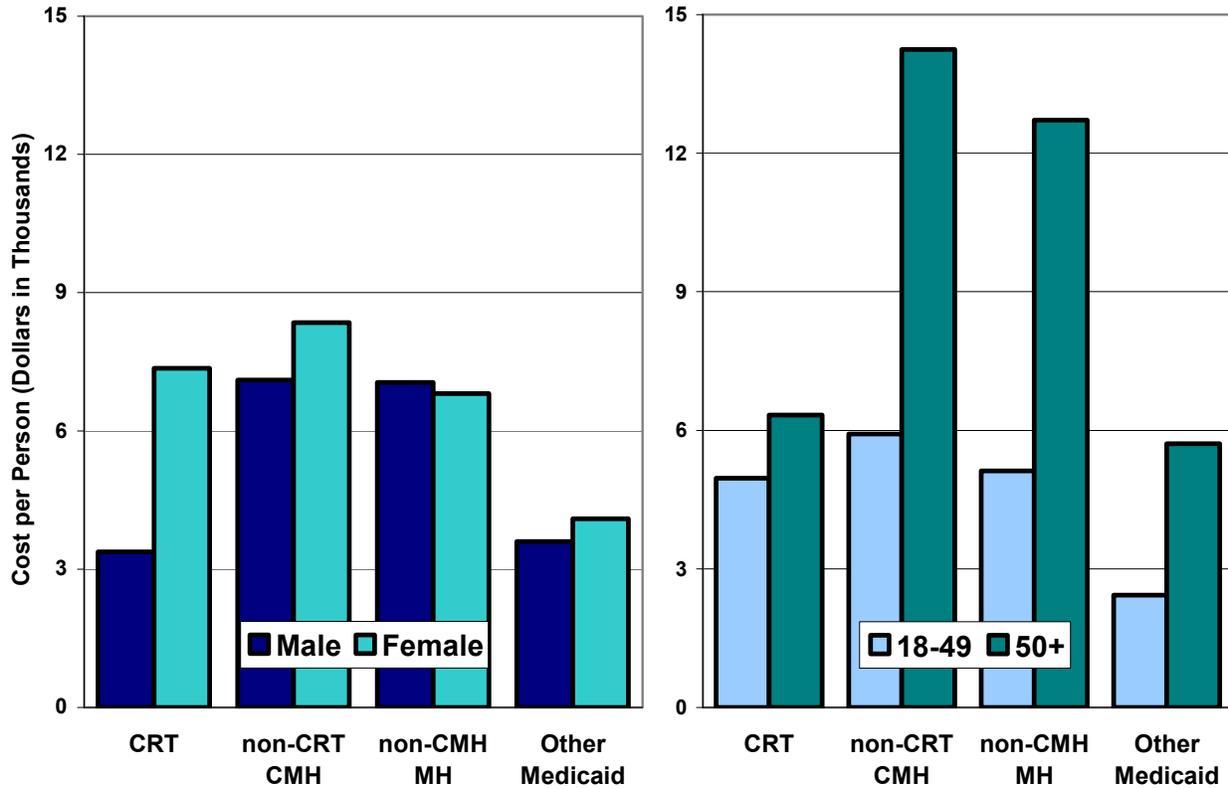
We look forward to receiving your questions and comments about these findings, and your suggestions for further analysis of these data, at 802.863.7249 or pip@vdh.state.vt.us.

Performance Indicator brief reports regarding the health status and health service utilization by individuals with mental health and substance abuse disorders:

Depression in Emergency Rooms by Hospital 2003 - 2005 (01/04/08)
Prevalence of Problem Drinking among Vermont Veterans (12/07/07)
Prevalence of Arthritis in Diagnostic Groups (11/16/07)
Nicotine Dependence and Co-occurring MH/SA Diagnoses (06/29/07)
General Hospital Stays with MH/SA Diagnoses (06/15/07)
Affective Disorder among Adult CMHC clients with Arthritis (04/06/07)
Prevalence of Arthritis and Other Rheumatic Conditions (03/30/07)
Hospital Emergency Room Episodes with Substance-Related Diagnoses (12/29/06)
Viral Hepatitis Infection Among Substance Abuse Service Recipients (09/29/06)
Viral Hepatitis Infection and Substance Abuse for CRT Clients (08/04/06)
Viral Hepatitis Infection Among MH and SA Service Recipients (07/07/06)
Access to Medical Care (04/28/06)
Nicotine Dependence Among Adults with Mental Health Diagnoses (02/03/06)
Influenza Immunizations for CRT Clients and Other Medicaid Enrollees (01/13/06)
Cancer Diagnosis Among Adult Outpatient and Substance Abuse Caseloads (01/14/05)
Access to General Medical Care by Adults with Serious Mental Illness (11/12/04)
Emergency Room Asthma Diagnosis for CMHC Service Recipients (10/15/04)
Relative Risk of Cancer Diagnosis for CRT Clients (09/10/04)
Cancer Diagnosis and Mental Health Service Utilization (07/30/04)
Health Care Utilization by CRT Clients, Medical Home Project Participants, and all Medicaid Enrollees (02/27/04)
Medicaid Medical Services to CRT Clients and Others (11/28/03)
Emergency Room Injury Victims Served by Community Mental Health Programs (11/21/03)
Gender, Insurance, and Access to Care for Adults in Trouble with the Law (04/25/03)
Diabetes and Asthma in CRT Caseload (10/18/02)
Regional Variation in CRT Mortality Rates (10/04/02)
Mortality and Cause of Death for Substance Abuse and CRT Clients (03/08/02)
Mortality and Cause of Death for CRT Clients (01/11/02)
Rates of Mortality After Inpatient Behavioral Health Care in Different Settings (08/24/01)
Another View of Consumers Linked to Primary Health Care Services (08/03/01)
Consumers Linked to Primary Health Care Services (07/20/01)
Relative Risk of Mortality: Adults with Severe and Persistent Mental Illness (12/15/00)
Mortality (06/18/99)
Utilization of Emergency Room Services by CRT Clients: Part II (10/08/97)
Utilization of Emergency Room Services by CRT Clients: Part I (10/01/97)
Access to Medical Care - Part II (07/23/97)
Access to Medical Care - Part I (07/16/97)

LINK: (<http://healthvermont.gov/mh/docs/pips/pip-cross-sector-indicator.aspx#Health>):

Vermont Medicaid Physical Health Care Cost per Person by Client Group: CY2006



		Medicaid Client Group				
		CRT	non-CRT CMH	non-CMH MH	Other Medicaid	Total
Overall	# of Clients	2,558	5,267	9,588	73,266	90,679
	\$ / Person	\$5,518	\$7,908	\$6,888	\$3,915	\$4,506
Gender						
Male	# of Clients	1,182	1,862	3,047	26,408	32,499
	\$ / Person	\$3,373	\$7,101	\$7,053	\$3,599	\$4,116
Female	# of Clients	1,376	3,405	6,541	46,858	58,180
	\$ / Person	\$7,360	\$8,349	\$6,810	\$4,093	\$4,725
Age						
18-49	# of Clients	1,522	4,010	7,358	40,181	53,071
	\$ / Person	\$4,966	\$5,921	\$5,121	\$2,434	\$3,143
50+	# of Clients	1,036	1,257	2,230	33,085	37,608
	\$ / Person	\$6,328	\$14,246	\$12,716	\$5,713	\$6,431

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