

**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

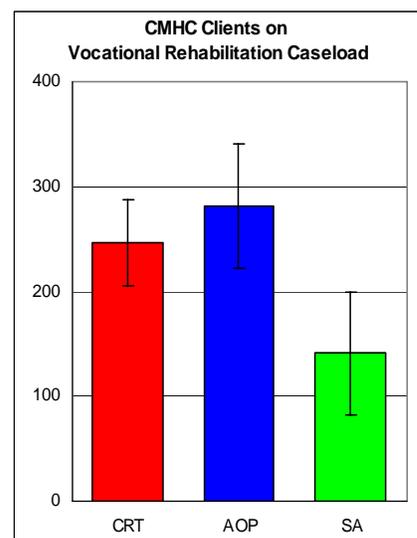
DATE: May 26, 2006

RE: Vocational Rehabilitation Services to CMHC Clients

This week's PIP report presents information regarding the proportion of adults served by Community Mental Health Center (CMHC) programs who participated in Vocational Rehabilitation (VR) programs during the same year. This report complements earlier reports that focused on participation in VR programs by adults served by Community Rehabilitation and Treatment (CRT) programs.

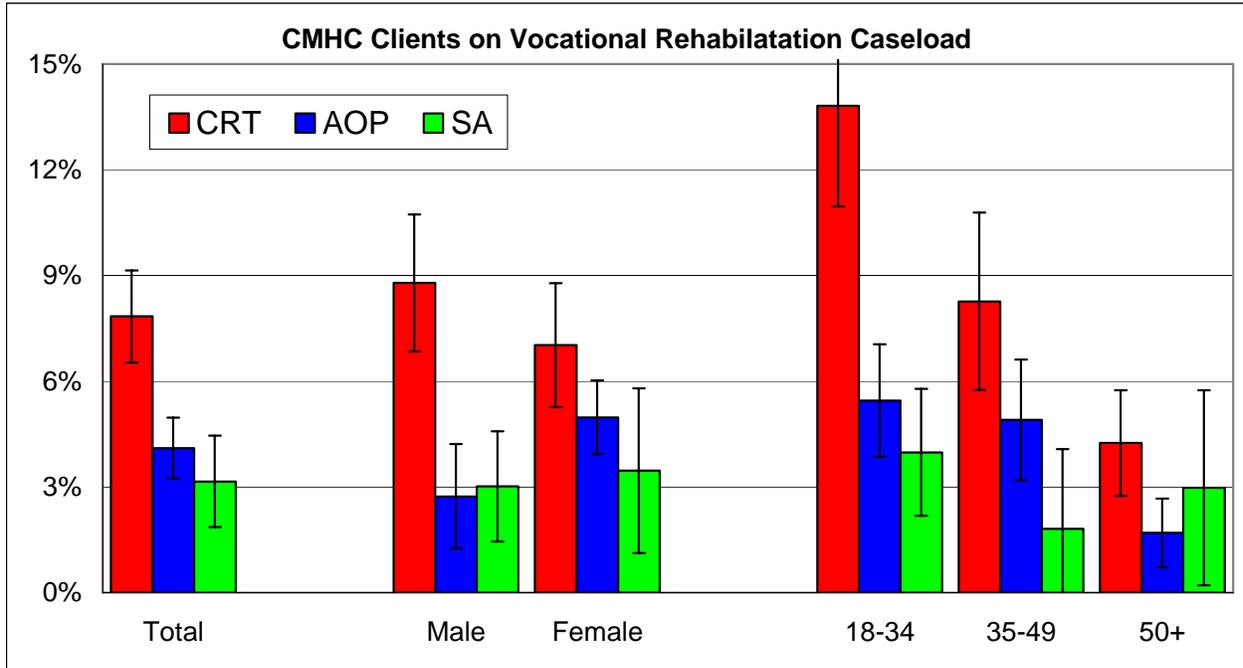
The findings reported here are based on analysis of two data sets. One data set provided the date of birth, gender, and primary program assignment of all individuals served by CMHC CRT programs, Adult Mental Health Outpatient Programs (AOP), and Substance Abuse (SA) programs in Vermont during state fiscal year 2004. The other data set provided the same basic information for all adults who completed a VR program in Vermont during federal fiscal year 2004. Because these data sets did not include unique person identifiers, Probabilistic Population Estimation was used to determine the number of people that were shared by the VR program and each of the Community Mental Health Programs. All estimates are accompanied with a 95% ( $\pm$ ) confidence interval to indicate the statistical uncertainty.

As you will see, a substantial number of individuals from each of the CMHC programs completed a Vocational Rehabilitation program during the year. These included 247 ( $\pm$ ) CRT clients, 282 ( $\pm$ ) AOP clients, and 141 ( $\pm$ ) SA clients. In terms of VR participation rates, however, CRT had the greatest access to VR programs (8%  $\pm$ ) followed by AOP and SA programs (4% $\pm$  and 3% $\pm$ ) respectively). Among CRT clients men were significantly more likely than women to access VR programs, but the difference was only marginally significant. Among AOP clients, women were substantially and significantly more likely than men to access VR programs. Among SA clients, women were substantially but not significantly more likely than men to access VR services. Young adults in the 18-34 age group were the most likely to access VR serves in every CMHC treatment program.



We look forward to your comments, your questions, and your suggestions for further analysis of CMHC and VR data at [pip@vdh.state.vt.us](mailto:pip@vdh.state.vt.us) or 802.863.7249.

Vocational Rehabilitation Cases Closed in Federal Fiscal Year 2004  
and CMHC Client Caseloads FY2004



	CMHC Caseload	Also on VocRehab Caseload	
	Number	Number	Percent
<b>CRT</b>			
Total	3,149 ± 24	247 ± 41	7.8% ± 1.3%
Male	1,457 ± 16	128 ± 28	8.8% ± 1.9%
Female	1,692 ± 18	119 ± 30	7.0% ± 1.8%
18-34	656 ± 9	91 ± 19	13.8% ± 2.9%
35-49	1,252 ± 18	104 ± 31	8.3% ± 2.5%
50+	1,241 ± 14	53 ± 19	4.2% ± 1.5%
<b>AOP</b>			
Total	6,874 ± 51	282 ± 59	4.1% ± 0.9%
Male	2,680 ± 28	73 ± 40	2.7% ± 1.5%
Female	4,194 ± 43	209 ± 44	5.0% ± 1.0%
18-34	2,401 ± 33	131 ± 38	5.4% ± 1.6%
35-49	2,345 ± 33	115 ± 40	4.9% ± 1.7%
50+	2,129 ± 21	36 ± 21	1.7% ± 1.0%
<b>SA</b>			
Total	4,463 ± 46	141 ± 58	3.2% ± 1.3%
Male	3,070 ± 42	93 ± 48	3.0% ± 1.6%
Female	1,393 ± 19	48 ± 33	3.5% ± 2.3%
18-34	2,535 ± 39	101 ± 46	4.0% ± 1.8%
35-49	1,500 ± 22	27 ± 34	1.8% ± 2.3%
50+	428 ± 7	13 ± 12	3.0% ± 2.8%

Analysis is based on Monthly Service Reports (MSR) submitted by community health centers and an anonymous extract from a database provided by Vermont Vocational Rehabilitation. Because both do not contain unique person identifiers, Probabilistic Population Estimation was used to provide unduplicated counts of people in each data set and unduplicated number of people shared across the data sets (with 95% confidence intervals). Estimates are rounded to the nearest whole number for person counts.