

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 Brennan Martin

DATE: April 6, 2007

RE: Affective Disorder among Adult CMHC clients with Arthritis

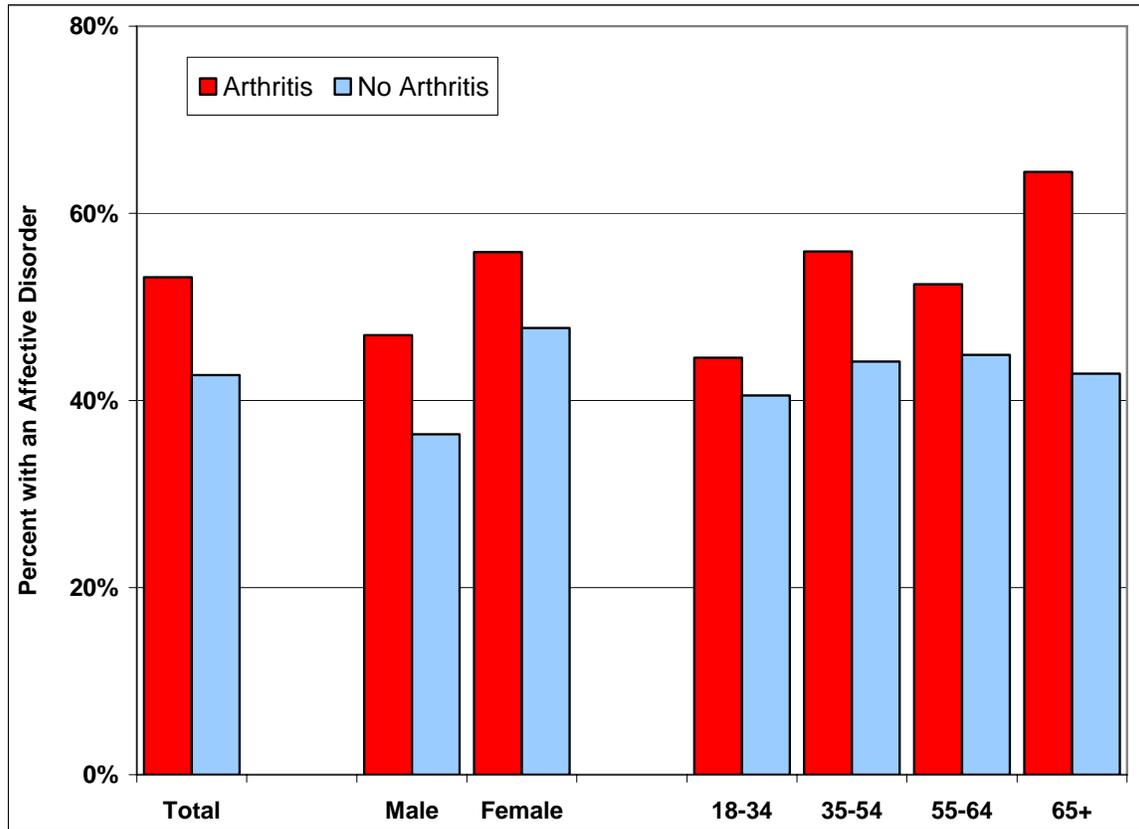
Last week's PIP report focused on the prevalence of Arthritis and other Rheumatic conditions among CMHC service recipients. This week's PIP focuses on the prevalence of affective disorder among adult community mental health (AOP, CRT, and unassigned) service recipients with arthritis and other rheumatic conditions, and compares these rates to the rates of affective disorder among adult community mental health service recipients who do not have arthritis and other rheumatic conditions. Results are provided for the CMHC caseload as a whole and for individuals in different gender and age groups.

Two data sets were used in this analysis. One data set, extracted from Monthly Service Report (MSR) data files submitted to the Division of Mental Health during FY2006, included all individuals in the target population. The second data set, extracted from the Medicaid paid claims database, included all claims that were associated with a diagnosis of arthritis and other rheumatic conditions. The two data sets were linked using clients' Medicaid numbers. The rates reported here were calculated on the basis of that linkage.

As you will see, adults with arthritis were substantially more likely than others to have a diagnosis of affective disorder (53% vs. 43%, overall). This pattern was evident for both men and women, and for almost every age group. The difference was greatest among people in the 65+ age group where people with arthritis were 50% more likely than others to have a diagnosis of affective disorder.

We look forward to your interpretation of these findings and your suggestions for further analysis of these data. Please forward your comments and suggestions to pip@vdh.state.vt.us or 802.863.7249.

Arthritis and Affective Disorders Among Adult Mental Health Clients, FY2006



		Total Number		Number with Affective Disorder		Percentage with Affective Disorder		Risk Ratio
		Arthritis	No Arthritis	Arthritis	No Arthritis	Arthritis	No Arthritis	
Total		1309	4773	696	2039	53%	43%	1.2
Gender	Male	398	2113	187	769	47%	36%	1.3
	Female	911	2660	509	1270	56%	48%	1.2
Age	18-34	276	1961	123	795	45%	41%	1.1
	35-54	742	2163	415	955	56%	44%	1.3
	55-64	246	537	129	241	52%	45%	1.2
	65+	45	112	29	48	64%	43%	1.5

Based on direct linkage between the MSR and Medicaid paid claims databases for Fiscal Year 2006.

Risk Ratio is the percentage of CMHC clients with arthritis who have affective disorder divided by the percentage of CMHC clients without arthritis who have affective disorder. A Risk Ratio of 1.2 means that CMHC clients with arthritis are 1.2 times as likely to have affective disorder (20% more likely).