

Table 8.13: Average Annual Direct Costs (Persons 18 and over) and Total and Incremental Earnings Losses (Persons Age 18 to 64 Who Ever Worked) for Select Musculoskeletal Diseases, United States 2008-2014

		Musculoskeletal Disease			
		<u>Gout [1]</u>	<u>Osteoarthritis and Allied Disorders [2]</u>	<u>Rheumatoid Arthritis [3]</u>	<u>Other and Unspecified Disorders of the Back [4]</u>
DIRECT COSTS					
Sample N		1,438	20,588	875	12,482
# individuals		3,062,395	32,449,626	1,729,502	19,436,844
% total pop		1.3	13.9	0.8	8.3
All-cause	Mean	11,936	11,502	19,040	8,622
	Aggregate (in billions)	36.6	373.2	32.9	167.6
Incremental	Mean	—*	2,018	7,957	1,200
	Aggregate (in billions)	—*	65.5	13.8	23.3
EARNINGS LOSSES					
Sample N		704	10,537	468	9,006
# individuals		1,466,640	16,687,568	900,746	13,895,266
% total pop		0.8	9.5	0.5	7.9
% with condition working during year		85.3	69.2	56.1	80.4
% without condition working during year		87.8	89.8	87.9	88.5
Raw	Mean	-6,810	6,783	14,542	334
	Aggregate (in billions)	-10.0	113.2	13.1	4.6
Incremental	Mean	*	4,274	8,748	*
	Aggregate (in billions)	*	71.3	7.9	*
TOTAL COSTS					
All-cause/raw	Aggregate (in billions)	26.6	486.4	46.0	172.2
Incremental	Aggregate (in billions)	*	136.8	21.6	*

* Not reported; relative standard error > 0.3

[1] ICD-9-CM Codes: Gout=274. This code was suppressed in the 2013 - 2014 data so estimates are based on 2008 - 2012 files.

[2] ICD-9-CM 715 or Priority nonRA with self-report of ICD-9-CM 716 or 719.

[3] ICD-9-CM Codes: Rheumatoid Arthritis=ICD9 714 and priority RA and (RA Rx or RA ambulatory visits ≥ 5). ICD9 714 was suppressed in the 2013 - 2014 data so estimates are based on 2008 - 2012 files.

[4] ICD-9-CM Codes: Other and Unspecified Disorders of the Back=724

Source: Medical Expenditures Panel Survey (MEPS), Agency for Healthcare Research and Quality, U.S. Department of Health and Human Services, 2008-2014.