

Table 10.15: Summary Annual Average Economic Impact for All Musculoskeletal Diseases, United States 2009-2011

Total Persons with Musculoskeletal Disease	Total	Under 18	18-44	45-64	65 & Over
Sample N (annual)	9,522	859	2,781	3,640	2,242
Total Population (in millions)	308.8	78.0	110.9	80.6	39.2
Persons with Condition (in millions)	102.5	8.3	29.8	39.2	25.1
% Total Population	33.2%	25.3%	35.9%	26.1%	12.7%

Age Distribution	Distribution Total by Age			
	8.1%	29.1%	38.3%	24.5%

TOTAL DIRECT COSTS

Mean Cost Per Person	\$ 7,768	\$ 3,288	\$ 4,658	\$ 8,568	\$ 11,708
Aggregate (in billions)	\$ 796.3	\$ 27.4	\$ 138.9	\$ 336.0	\$ 294.1

INCREMENTAL COSTS

Mean Cost Per Person	\$ 2,075	\$ 1,596	\$ 1,575	\$ 2,539	\$ 2,109
Aggregate (in billions)	\$ 212.7	\$ 13.3	\$ 47.0	\$ 99.6	\$ 53.0

INDIRECT COSTS

	Total	Incremental	
		Share	\$s Lost
Total with Condition In Workforce (in millions)	63.4		
Mean	\$1,224	\$2,063	
Aggregate (in billion \$)	\$77.5	\$130.7	

SUMMARY TOTAL ECONOMIC IMPACT DUE TO MUSCULOSKELETAL DISEASE, 2009-2011

Total	Costs in 2011 \$s (in billions)		Share GDP	
	Aggregate	Incremental	Aggregate	Incremental
Direct Costs	\$ 796.3	\$212.7	5.22%	1.40%
Indirect Costs	\$ 77.5	\$130.7	0.51%	0.86%
Total All Costs	\$ 873.8	\$343.4	5.73%	2.25%

HEALTH RESOURCE VISITS FOR ALL PERSONS WITH MUSCULOSKELETAL DISEASE

	% With Any Visits	Number with Visits (in millions)		Total Visits (in millions)	% Total Visits
		Mean Visits	Mean Visits		
Ambulatory Care	84.8%	86.9	5.6	574.0	18.4%
Inpatient	11.0%	11.3	0.2	20.5	0.7%
Prescription	83.7%	85.8	20.8	2,132.1	68.4%
Residual	4.9%	5.0	3.8	389.5	12.5%
Total All Visits	100.0%	102.5	NA	3,116.1	100.0%

SHARE OF COSTS BY HEALTH RESOURCE FOR ALL PERSONS WITH MUSCULOSKELETAL DISEASE

	Aggregate Costs in 2011 \$s			Incremental Cost Share in 2011 \$s		
	Mean Cost Per Person	Aggregate (in billions)	% All Costs	Mean	Aggregate (in billions)	% All Costs
Ambulatory Care	\$2,614	\$227.2	34%	\$859	\$ 74.7	41%
Inpatient	\$2,237	\$25.2	29%	\$313	\$ 3.5	15%
Prescription	\$1,778	\$152.5	23%	\$408	\$ 35.0	20%
Residual	\$1,139	\$5.7	15%	\$379	\$ 1.9	18%
Total All Visits	\$7,768	\$796.3	100%	\$2,075	\$ 212.7	94%