

Table 10.4: Per Person Components of Total Direct Costs in 2011 Dollars for Musculoskeletal Diseases, United States 1996-2011

Condition	Year	Total Mean and % of All Costs (2011 \$s)									
		Ambulatory Care		Inpatient		Prescription		Other		All	
		Mean	% All Costs	Mean	% All Costs	Mean	% All Costs	Mean	% All Costs	Mean	
All Musculoskeletal Diseases	1996-1998	\$1,522	31%	\$1,758	36%	\$665	14%	\$887	18%	\$4,832	
	1997-1999	\$1,544	31%	\$1,852	37%	\$754	15%	\$887	18%	\$5,037	
	1998-2000	\$1,609	31%	\$1,894	36%	\$843	16%	\$852	16%	\$5,197	
	1999-2001	\$1,725	31%	\$1,896	34%	\$979	18%	\$918	17%	\$5,518	
	2000-2002	\$1,914	33%	\$1,919	33%	\$1,103	19%	\$947	16%	\$5,883	
	2001-2003	\$2,058	33%	\$2,001	32%	\$1,265	20%	\$982	16%	\$6,306	
	2002-2004	\$2,189	33%	\$2,151	32%	\$1,380	21%	\$995	15%	\$6,715	
	2003-2005	\$2,246	32%	\$2,209	32%	\$1,483	21%	\$986	14%	\$6,924	
	2004-2006	\$2,333	33%	\$2,107	30%	\$1,539	22%	\$1,004	14%	\$6,984	
	2005-2007	\$2,379	33%	\$2,175	30%	\$1,590	22%	\$1,026	14%	\$7,169	
	2006-2008	\$2,439	33%	\$2,149	29%	\$1,631	22%	\$1,087	15%	\$7,306	
	2007-2009	\$2,551	34%	\$2,209	29%	\$1,671	22%	\$1,150	15%	\$7,581	
	2008-2010	\$2,575	34%	\$2,155	28%	\$1,702	22%	\$1,146	15%	\$7,578	
2009-2011	\$2,614	34%	\$2,237	29%	\$1,778	23%	\$1,139	15%	\$7,768		
Spine	1996-1998	\$1,704	35%	\$1,755	36%	\$650	13%	\$726	15%	\$4,835	
	1997-1999	\$1,672	34%	\$1,751	35%	\$725	15%	\$809	16%	\$4,958	
	1998-2000	\$1,790	34%	\$1,835	35%	\$810	15%	\$808	15%	\$5,243	
	1999-2001	\$1,895	34%	\$1,920	34%	\$939	17%	\$833	15%	\$5,586	
	2000-2002	\$2,089	36%	\$1,818	31%	\$1,074	19%	\$804	14%	\$5,785	
	2001-2003	\$2,150	35%	\$1,949	32%	\$1,253	20%	\$833	13%	\$6,185	
	2002-2004	\$2,333	34%	\$2,193	32%	\$1,384	20%	\$924	14%	\$6,834	
	2003-2005	\$2,413	34%	\$2,292	32%	\$1,508	21%	\$967	13%	\$7,179	
	2004-2006	\$2,530	34%	\$2,173	30%	\$1,621	22%	\$1,020	14%	\$7,343	
	2005-2007	\$2,484	34%	\$2,162	29%	\$1,710	23%	\$1,025	14%	\$7,381	
	2006-2008	\$2,563	34%	\$2,123	28%	\$1,769	24%	\$1,046	14%	\$7,501	
	2007-2009	\$2,823	36%	\$2,147	27%	\$1,757	22%	\$1,095	14%	\$7,822	
	2008-2010	\$2,975	38%	\$2,075	26%	\$1,740	22%	\$1,072	14%	\$7,862	
2009-2011	\$3,077	38%	\$2,267	28%	\$1,736	21%	\$1,069	13%	\$8,150		
Arthritis and Joint Pain [1]	1996-1998	\$1,910	30%	\$2,364	37%	\$986	15%	\$1,133	18%	\$6,393	
	1997-1999	\$1,926	29%	\$2,549	38%	\$1,124	17%	\$1,150	17%	\$6,749	
	1998-2000	\$1,890	29%	\$2,421	37%	\$1,250	19%	\$1,064	16%	\$6,624	
	1999-2001	\$2,043	29%	\$2,398	34%	\$1,437	21%	\$1,096	16%	\$6,975	
	2000-2002	\$2,324	31%	\$2,533	34%	\$1,579	21%	\$1,037	14%	\$7,473	
	2001-2003	\$2,618	32%	\$2,649	32%	\$1,817	22%	\$1,080	13%	\$8,165	
	2002-2004	\$2,793	32%	\$2,854	33%	\$1,985	23%	\$1,111	13%	\$8,743	
	2003-2005	\$2,873	32%	\$2,877	32%	\$2,088	23%	\$1,124	13%	\$8,962	
	2004-2006	\$2,910	33%	\$2,732	31%	\$2,119	24%	\$1,141	13%	\$8,901	
	2005-2007	\$2,897	32%	\$2,736	31%	\$2,130	24%	\$1,167	13%	\$8,930	
	2006-2008	\$2,869	32%	\$2,655	30%	\$2,154	24%	\$1,248	14%	\$8,926	
	2007-2009	\$2,990	32%	\$2,775	30%	\$2,186	24%	\$1,302	14%	\$9,254	
	2008-2010	\$3,035	33%	\$2,741	29%	\$2,217	24%	\$1,316	14%	\$9,310	
2009-2011	\$3,084	32%	\$2,828	30%	\$2,343	25%	\$1,302	14%	\$9,556		
Osteoporosis	1996-1998	\$2,629	31%	\$3,099	36%	\$1,477	17%	\$1,367	16%	\$8,572	
	1997-1999	\$2,692	31%	\$3,012	35%	\$1,625	19%	\$1,311	15%	\$8,639	
	1998-2000	\$2,648	31%	\$3,004	35%	\$1,704	20%	\$1,230	14%	\$8,586	
	1999-2001	\$2,897	33%	\$2,691	31%	\$1,906	22%	\$1,320	15%	\$8,815	
	2000-2002	\$3,067	32%	\$2,853	30%	\$2,142	23%	\$1,446	15%	\$9,508	
	2001-2003	\$3,127	31%	\$2,966	30%	\$2,362	24%	\$1,518	15%	\$9,973	
	2002-2004	\$3,205	32%	\$2,866	29%	\$2,406	24%	\$1,390	14%	\$9,868	
	2003-2005	\$3,112	32%	\$2,830	29%	\$2,543	26%	\$1,324	13%	\$9,809	
	2004-2006	\$3,448	33%	\$3,013	29%	\$2,673	26%	\$1,292	12%	\$10,426	
	2005-2007	\$3,418	31%	\$3,356	30%	\$2,937	26%	\$1,454	13%	\$11,164	
	2006-2008	\$3,467	30%	\$3,334	29%	\$3,048	27%	\$1,556	14%	\$11,405	
	2007-2009	\$3,560	32%	\$2,755	25%	\$3,097	28%	\$1,598	15%	\$11,011	
	2008-2010	\$3,708	34%	\$2,731	25%	\$3,040	28%	\$1,562	14%	\$11,041	
2009-2011	\$3,758	34%	\$2,681	24%	\$2,989	27%	\$1,551	14%	\$10,978		

Total Mean and % of All Costs (2011 \$s)

Condition	Year	Ambulatory Care		Inpatient		Prescription		Other		All
		Mean	% All Costs	Mean	% All Costs	Mean	% All Costs	Mean	% All Costs	Mean
Musculoskeletal Injuries	1996-1998	\$1,356	33%	\$1,367	34%	\$427	11%	\$902	22%	\$4,053
	1997-1999	\$1,467	33%	\$1,535	35%	\$503	11%	\$897	20%	\$4,403
	1998-2000	\$1,530	33%	\$1,658	36%	\$572	12%	\$866	19%	\$4,627
	1999-2001	\$1,684	34%	\$1,657	33%	\$680	14%	\$971	19%	\$4,992
	2000-2002	\$1,786	33%	\$1,723	32%	\$794	15%	\$1,071	20%	\$5,373
	2001-2003	\$1,939	33%	\$1,850	32%	\$944	16%	\$1,109	19%	\$5,841
	2002-2004	\$1,984	33%	\$1,829	31%	\$1,035	17%	\$1,097	18%	\$5,946
	2003-2005	\$2,094	34%	\$1,882	30%	\$1,150	19%	\$1,046	17%	\$6,172
	2004-2006	\$2,164	35%	\$1,750	28%	\$1,164	19%	\$1,075	17%	\$6,153
	2005-2007	\$2,375	35%	\$2,157	32%	\$1,214	18%	\$1,095	16%	\$6,841
	2006-2008	\$2,508	37%	\$2,067	30%	\$1,154	17%	\$1,118	16%	\$6,847
	2007-2009	\$2,654	37%	\$2,057	29%	\$1,203	17%	\$1,193	17%	\$7,108
	2008-2010	\$2,638	39%	\$1,795	26%	\$1,240	18%	\$1,176	17%	\$6,849
2009-2011	\$2,648	37%	\$1,928	27%	\$1,314	18%	\$1,213	17%	\$7,104	
Other Musculoskeletal Conditions	1996-1998	\$1,952	30%	\$2,475	38%	\$931	14%	\$1,187	18%	\$6,544
	1997-1999	\$2,112	30%	\$2,731	39%	\$1,070	15%	\$1,177	17%	\$7,090
	1998-2000	\$2,189	29%	\$3,083	41%	\$1,190	16%	\$1,096	15%	\$7,557
	1999-2001	\$2,349	30%	\$2,998	38%	\$1,383	17%	\$1,212	15%	\$7,942
	2000-2002	\$2,460	30%	\$2,859	35%	\$1,570	19%	\$1,310	16%	\$8,199
	2001-2003	\$2,697	32%	\$2,557	30%	\$1,812	22%	\$1,339	16%	\$8,404
	2002-2004	\$2,821	32%	\$2,754	31%	\$1,974	22%	\$1,289	15%	\$8,838
	2003-2005	\$3,033	32%	\$2,980	32%	\$2,143	23%	\$1,266	13%	\$9,423
	2004-2006	\$3,203	33%	\$2,834	29%	\$2,313	24%	\$1,294	13%	\$9,645
	2005-2007	\$3,258	33%	\$3,124	31%	\$2,331	23%	\$1,305	13%	\$10,019
	2006-2008	\$3,385	34%	\$2,927	29%	\$2,328	23%	\$1,297	13%	\$9,937
	2007-2009	\$3,466	34%	\$3,233	31%	\$2,208	21%	\$1,394	14%	\$10,301
	2008-2010	\$3,465	34%	\$3,085	30%	\$2,222	22%	\$1,397	14%	\$10,169
2009-2011	\$3,473	34%	\$3,147	31%	\$2,265	22%	\$1,354	13%	\$10,240	

[1] Methodological changes in MEPS in 2001 and 2007 improved the accuracy of capturing these conditions; therefore, the increased number of people with these conditions in 2001 and 2007 cannot be attributed solely to the increased size of the underlying population. Because misclassification for arthritis has been demonstrated in children, reported arthritis for individuals <18 is not included.

Source: Medical Expenditures Panel Survey (MEPS), Agency for Healthcare Research and Quality, U.S. Department of Health and Human Services, 1996-2011

<http://meps.ahrq.gov/mepsweb/>