

Table 8.7: Annual Average and Total Change in Health Care Cost for Persons with Musculoskeletal Diseases, United States, 1996-2014.

MEPS Data Years Averaged	Average Annual Increase			
	All-cause		Incremental	
	Per Person (Mean)	Aggregate [1]	Per Person (Mean)	Aggregate [1]
1996-1998 to 1997-1999	4.3%	3.2%	3.1%	2.0%
1997-1999 to 1998-2000	3.2%	1.7%	12.3%	10.7%
1998-2000 to 1999-2001	6.1%	8.3%	8.9%	11.1%
1999-2001 to 2000-2002	6.6%	12.5%	9.8%	15.8%
2000-2002 to 2001-2003	7.2%	13.4%	10.2%	16.4%
2001-2003 to 2002-2004	6.6%	10.7%	7.8%	12.0%
2002-2004 to 2003-2005	3.2%	4.8%	-5.3%	-3.8%
2003-2005 to 2004-2006	1.0%	1.8%	-6.7%	-5.9%
2004-2006 to 2005-2007	2.8%	4.7%	8.2%	10.2%
2005-2007 to 2006-2008	2.1%	5.8%	13.1%	17.1%
2006-2008 to 2007-2009	4.0%	8.4%	1.9%	6.2%
2007-2009 to 2008-2010	0.1%	2.6%	-6.9%	-4.6%
2008-2010 to 2009-2011	2.6%	4.1%	-2.8%	-1.4%
2009-2011 to 2010-2012	0.3%	1.6%	9.3%	10.6%
2010-2012 to 2011-2013	0.0%	1.9%	-17.8%	-16.2%
2011-2013 to 2012-2014	0.2%	1.8%	-22.9%	-21.6%
1996-1998 to 2011-2014	4.0%	8.2%	0.8%	3.8%
Total Increase 1996-1998 to 2002-2014	63.5%	131.4%	13.5%	60.7%
Annual Average Change for Select Musculoskeletal Diseases, 1996-1998 to 2002-2014				
Spine	5.0%	8.1%	4.2%	7.0%
Arthritis and Joint Pain	2.6%	14.1%	6.2%	21.9%
Osteoporosis	2.8%	10.1%	[2]	[2]
Musculoskeletal Injuries	5.8%	7.3%	3.8%	5.0%
Other Musculoskeletal Conditions	3.9%	10.1%	2.4%	7.8%
Total Increase in Health Care Cost for Select Musculoskeletal Diseases, 1996-1998 to 2002-2014				
Spine	79.9%	129.4%	66.5%	112.3%
Arthritis and Joint Pain	43.8%	225.8%	99.1%	351.0%
Osteoporosis	44.5%	161.8%	[2]	[2]
Musculoskeletal Injuries	93.2%	117.3%	60.3%	80.4%
Other Musculoskeletal Conditions	62.5%	162.3%	39.0%	124.4%

[1] All aggregates (including total) are created by multiplying smoothed means by smoothed population in year.

[2] Incremental expenditures could not be calculated for osteoporosis.

Source: Medical Expenditures Panel Survey (MEPS), Agency for Healthcare Research and Quality, U.S. Department of Health and Human Services, 1996-2014.