

**Table 10.1: Number and Percent of Population with Musculoskeletal Diseases by Age, United States 1996-2011**

Condition	Year	Persons with Condition				Age Distribution			
		Sample N (annual)	Total Population (in millions)	# Individuals (in millions)	% Total Population	Under 18	18-44	45-64	65 & Over
All Musculoskeletal Diseases	1996-1998	6,964	271.2	76.0	28.0%	11.6%	38.0%	28.7%	21.7%
	1997-1999	7,004	273.7	75.2	27.5%	11.4%	36.7%	29.5%	22.4%
	1998-2000	6,025	276.1	74.1	26.8%	11.2%	35.7%	30.5%	22.6%
	1999-2001	6,814	279.7	75.6	27.0%	10.5%	35.0%	31.6%	22.9%
	2000-2002	8,252	283.6	79.7	28.1%	9.8%	34.8%	32.5%	22.8%
	2001-2003	9,166	287.7	84.3	29.3%	9.5%	34.3%	33.4%	22.7%
	2002-2004	9,337	290.8	87.6	30.1%	9.5%	33.7%	34.0%	22.7%
	2003-2005	8,874	293.4	88.9	30.3%	9.7%	32.7%	34.6%	23.0%
	2004-2006	8,947	296.3	89.7	30.3%	9.7%	31.8%	35.3%	23.1%
	2005-2007	8,791	298.9	91.3	30.5%	9.4%	31.1%	36.2%	23.3%
	2006-2008	8,812	301.7	94.6	31.3%	8.8%	30.5%	37.3%	23.4%
	2007-2009	9,181	304.1	98.6	32.4%	8.4%	30.0%	37.8%	23.8%
	2008-2010	9,323	306.5	101.1	33.0%	8.3%	29.3%	38.2%	24.2%
	2009-2011	9,522	308.8	102.5	33.2%	8.1%	29.1%	38.3%	24.5%
Spine	1996-1998	2,510	271.2	27.4	10.1%	5.4%	47.5%	31.0%	16.1%
	1997-1999	2,580	273.7	27.9	10.2%	5.4%	45.8%	32.0%	16.8%
	1998-2000	2,199	276.1	27.2	9.9%	5.6%	44.6%	33.0%	16.9%
	1999-2001	2,411	279.7	27.3	9.7%	5.6%	44.4%	33.6%	16.4%
	2000-2002	2,927	283.6	28.8	10.2%	5.2%	44.1%	34.0%	16.7%
	2001-2003	3,258	287.7	30.6	10.6%	4.7%	42.8%	35.5%	17.0%
	2002-2004	3,408	290.8	32.7	11.3%	4.5%	41.5%	36.7%	17.3%
	2003-2005	3,312	293.4	34.0	11.6%	4.4%	40.5%	37.4%	17.7%
	2004-2006	3,415	296.3	34.9	11.8%	4.3%	39.6%	37.7%	18.4%
	2005-2007	3,263	298.9	34.4	11.5%	4.2%	38.7%	38.1%	19.0%
	2006-2008	2,964	301.7	32.2	10.7%	4.2%	38.0%	38.7%	19.1%
	2007-2009	2,763	304.1	30.6	10.1%	4.5%	37.6%	38.7%	19.2%
	2008-2010	2,654	306.5	30.1	9.8%	4.5%	36.8%	39.3%	19.3%
	2009-2011	2,727	308.8	31.0	10.1%	4.6%	36.4%	39.0%	20.0%
Arthritis and Joint Pain [1]	1996-1998	2,710	271.2	29.0	10.7%	[1]	25.6%	37.5%	36.9%
	1997-1999	2,759	273.7	29.1	10.6%	[1]	24.0%	38.6%	37.4%
	1998-2000	2,414	276.1	29.2	10.6%	[1]	22.8%	39.8%	37.4%
	1999-2001	2,837	279.7	31.1	11.1%	[1]	22.2%	40.3%	37.5%
	2000-2002	3,514	283.6	33.6	11.8%	[1]	22.3%	41.2%	36.5%
	2001-2003	3,931	287.7	35.9	12.5%	[1]	22.7%	42.0%	35.3%
	2002-2004	3,979	290.8	36.6	12.6%	[1]	22.3%	42.8%	34.9%
	2003-2005	3,702	293.4	36.1	12.3%	[1]	21.5%	43.2%	35.4%
	2004-2006	3,683	296.3	35.8	12.1%	[1]	20.5%	43.7%	35.7%
	2005-2007	3,813	298.9	38.9	13.0%	[1]	20.6%	44.3%	35.1%
	2006-2008	4,379	301.7	46.9	15.5%	[1]	21.8%	44.9%	33.4%
	2007-2009	5,153	304.1	55.0	18.1%	[1]	23.0%	44.7%	32.2%
	2008-2010	5,539	306.5	59.6	19.4%	[1]	23.2%	45.0%	31.8%
	2009-2011	5,725	308.8	60.8	19.7%	[1]	22.7%	45.1%	32.3%

Condition	Year	Sample N (annual)	Total Population (in millions)	Persons with Condition		Age Distribution			
				# Individuals (in millions)	% Total Population	Under 18	18-44	45-64	65 & Over
Osteoporosis	1996-1998	299	271.2	3.2	1.2%	4.3%	10.7%	34.8%	50.1%
	1997-1999	321	273.7	3.4	1.2%	3.1%	8.6%	32.8%	55.5%
	1998-2000	308	276.1	3.8	1.4%	2.3%	7.3%	31.5%	58.9%
	1999-2001	395	279.7	4.4	1.6%	2.2%	6.5%	32.1%	59.2%
	2000-2002	537	283.6	5.3	1.9%	1.9%	6.5%	34.7%	56.9%
	2001-2003	645	287.7	6.1	2.1%	1.7%	6.3%	37.5%	54.5%
	2002-2004	705	290.8	6.8	2.3%	1.3%	6.5%	38.2%	54.0%
	2003-2005	716	293.4	7.4	2.5%	1.2%	6.3%	39.0%	53.5%
	2004-2006	773	296.3	7.9	2.7%	1.4%	5.5%	39.9%	53.2%
	2005-2007	774	298.9	8.2	2.7%	1.7%	4.8%	40.9%	52.7%
	2006-2008	723	301.7	8.1	2.7%	1.7%	4.9%	41.3%	52.1%
	2007-2009	654	304.1	7.6	2.5%	1.9%	5.7%	40.6%	51.8%
2008-2010	594	306.5	7.0	2.3%	2.2%	6.3%	40.7%	50.9%	
2009-2011	552	308.8	6.4	2.1%	2.4%	6.3%	42.1%	49.1%	
Injuries	1996-1998	2,093	271.2	23.4	8.6%	24.2%	43.4%	19.4%	13.0%
	1997-1999	2,047	273.7	22.5	8.2%	24.8%	41.8%	20.0%	13.3%
	1998-2000	1,698	276.1	21.6	7.8%	24.5%	41.8%	21.0%	12.7%
	1999-2001	1,869	279.7	21.4	7.7%	23.0%	41.8%	22.4%	12.8%
	2000-2002	2,235	283.6	22.3	7.9%	21.4%	41.8%	23.4%	13.4%
	2001-2003	2,492	287.7	23.6	8.2%	21.0%	41.1%	24.1%	13.8%
	2002-2004	2,545	290.8	24.7	8.5%	21.2%	40.2%	24.6%	14.0%
	2003-2005	2,442	293.4	25.2	8.6%	22.0%	38.6%	25.2%	14.3%
	2004-2006	2,438	296.3	25.4	8.6%	21.8%	37.2%	26.5%	14.5%
	2005-2007	2,369	298.9	25.5	8.5%	20.9%	36.5%	28.1%	14.6%
	2006-2008	2,289	301.7	25.6	8.5%	20.2%	36.0%	29.4%	14.4%
	2007-2009	2,269	304.1	25.6	8.4%	20.2%	35.4%	29.9%	14.4%
2008-2010	2,198	306.5	25.1	8.2%	20.7%	34.5%	30.2%	14.6%	
2009-2011	2,173	308.8	24.8	8.0%	19.9%	34.8%	30.7%	14.5%	
Other Musculoskeletal Conditions	1996-1998	1,173	271.2	12.0	4.4%	11.8%	30.6%	31.5%	26.1%
	1997-1999	1,174	273.7	11.8	4.3%	10.4%	30.4%	32.9%	26.3%
	1998-2000	983	276.1	11.3	4.1%	9.7%	29.7%	34.2%	26.4%
	1999-2001	1,098	279.7	11.5	4.1%	9.7%	28.6%	35.5%	26.2%
	2000-2002	1,345	283.6	12.4	4.4%	9.6%	28.3%	36.4%	25.7%
	2001-2003	1,546	287.7	13.6	4.7%	9.8%	27.8%	37.1%	25.3%
	2002-2004	1,618	290.8	14.5	5.0%	9.5%	27.0%	38.4%	25.1%
	2003-2005	1,559	293.4	14.8	5.0%	9.0%	26.0%	39.5%	25.5%
	2004-2006	1,564	296.3	14.7	5.0%	8.8%	25.5%	40.5%	25.2%
	2005-2007	1,465	298.9	14.3	4.8%	8.9%	25.5%	40.0%	25.6%
	2006-2008	1,438	301.7	14.8	4.9%	9.1%	25.5%	40.6%	24.7%
	2007-2009	1,514	304.1	15.8	5.2%	8.9%	26.1%	40.6%	24.5%
2008-2010	1,643	306.5	17.6	5.7%	7.7%	26.9%	41.5%	23.8%	
2009-2011	1,744	308.8	18.6	6.0%	7.7%	26.5%	41.2%	24.6%	

[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/> / SAS source: 008Table1\_series.sas