

Table 7D.4.1: Self-Reported Arthritis Conditions, by Race/Ethnicity, United States

	Total Persons (in 000s)					Rate Per 100 Persons [1]					
	White Only,	Black Only,	Hispanic	Other/Mixed,	Total	White Only,	Black Only,	Hispanic	Other/Mixed,	Total	
	Non-Hispanic	Non-Hispanic		Non-Hispanic		Non-Hispanic					
Prevalence of Self-Reported Arthritis Conditions Among Adults Age 18 & Older, 2013-2015 [2]											
Doctor-Diagnosed Arthritis [3]	35,500	6,200	5,600	2,600	50,300	22.6	22.2	15.4	NA	21.0	
Arthritis-Attributable Activity Limitations [4]	16,600	3,000	1,900	1,200	22,600	11.1	10.9	5.7	NA	9.9	
Limitations of Daily Living and Activity Attributed to Arthritis by Persons with Self-Reported Doctor-Diagnosed Arthritis [3,4,5]											
Any limitation	5,771.0	1,245.0	714.9	307.7	8,038.6	3.6	4.1	1.9	1.7	3.2	
Need help with routine needs	1,949.2	462.8	283.7	123.1	2,818.8	1.2	1.5	0.8	0.7	1.1	
Help with personal care	947.0	282.5	182.0	84.4	1,495.8	0.6	0.9	0.5	0.5	0.6	
Difficulty walking without equipment	3,160.0	798.2	408.1	171.6	4,537.8	2.0	2.7	1.1	1.0	1.8	
Unable to work NOW due to health	2,902.7	753.0	409.2	161.8	4,226.7	1.8	2.5	1.1	0.9	1.7	
Limited in kind or amount of work	1,668.3	247.0	145.4	73.6	2,134.3	1.0	0.8	0.4	0.4	0.9	
Proportion of Adults With Limitations Due to Self-Reported Doctor-Diagnosed Arthritis [3,4,5]											
	Proportion of Total Population										
Any limitation	23%	24%	20%	21%	23%						
Need help with routine needs	27%	31%	27%	27%	28%						
Help with personal care	26%	31%	27%	27%	27%						
Difficulty walking without equipment	32%	36%	31%	29%	33%						
Unable to work NOW due to health [4]	23%	25%	21%	22%	23%						
Limited in kind or amount of work	23%	21%	17%	22%	22%						
Bed Days [6] Due to Arthritis Conditions [3] for Persons Aged 18 and Over [5]											
	Total					% of Population with DDA					
	White Only,	Black Only,	Hispanic	Other/Mixed,	Total	White Only,	Black Only,	Hispanic	Other/Mixed,	Total	
	Non-Hispanic	Non-Hispanic		Non-Hispanic		Non-Hispanic	Non-Hispanic		Non-Hispanic		
Persons Reporting Bed Days (in 000s)	18,553.4	2,875.3	2,079.2	1,096.8	24,604.8	44.9%	47.2%	46.9%	43.5%	45.3%	
Mean Bed Days	24.8	25.6	23.9	21.4	24.7						
Total Bed Days (in millions)	459.9	73.6	49.8	23.5	607.0						
Percent of Total Bed Days by Race/Ethnicity	76%	12%	8%	4%							
Lost Work Days [7] Due to Arthritis Conditions [3] for Persons Aged 18 and Over [6]											
Persons Reporting Lost Work Days (in 000s)	9,862.0	1,333.4	937.8	506.8	12,640.0	23.9%	21.9%	21.2%	20.1%	23.2%	
Mean Work Days Lost	14.1	15.4	16.7	10.8	14.3						
Total Work Days Lost (in millions)	139.3	20.6	15.6	5.5	180.9						
Percent of Total Lost Work Days by Race/Ethnicity	77%	11%	9%	3%							

[1] Age-adjusted by direct method to US Census adult population estimate using 2000 US Census estimates for the years 2010-2011, and 2010 US Census estimates for 2012. Describes the relative population burden when comparing groups.

[2] Source: Barbour KE, Helmick CG, Boring M, Brady TJ. Vital Signs: Prevalence of Doctor-Diagnosed Arthritis and Arthritis-Attributable Activity Limitation — United States, 2013–2015. MMWR Morb Mortal Wkly Rep 2017;66:246–253. DOI: <http://dx.doi.org/10.15585/mmwr.mm6609e1>. Prevalence calculated by the Burden of Musculoskeletal Diseases project analyst using the same databases and variables reported by MMWR.

[3] Responded "yes" when asked: Have you ever been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?

[4] Responded "yes" when asked: Are you now limited in any way in any of your usual activities because of arthritis or joint symptoms?

[5] Source: National Health Interview Survey (NHIS)_Adult sample, 2013-2015. www.cdc.gov/nchs/nhis/nhis_2012_data_release.htm July 2, 2013.

[6] A bed day is defined as 1/2 or more days in bed due to injury or illness in past 12 months, excluding hospitalization.

[7] A missed work day is defined as absence from work due to illness or injury in the past 12 months, excluding maternity or family leave.