

# Arthritis

## ARTHRITIS

**Definition:** Respondents who answered “yes” to the question “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?”

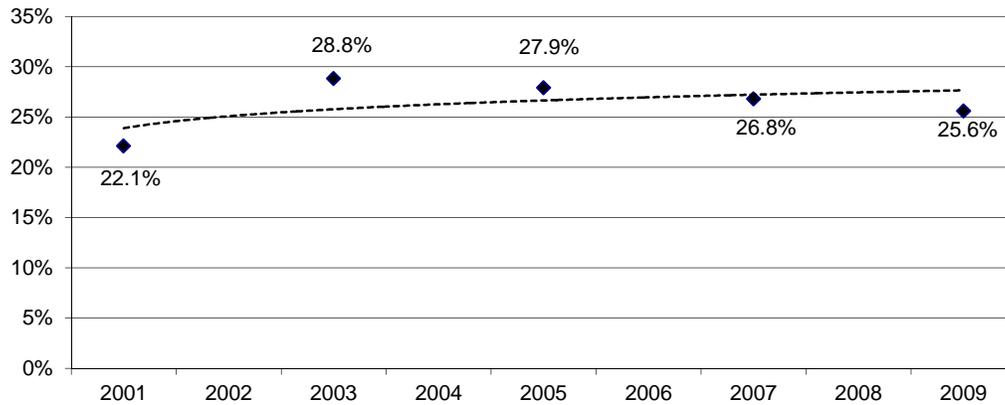
### Prevalence of Arthritis

- South Dakota 25%
- Nationwide median 25%

### Healthy People 2020 Objective

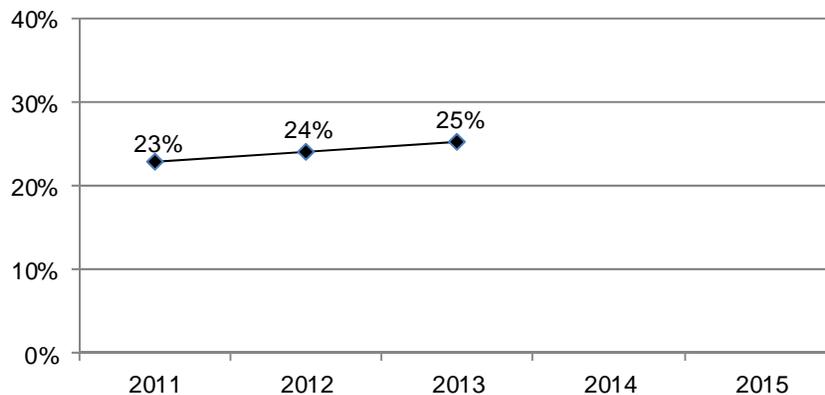
There was no comparable Healthy People 2020 Objective for having arthritis.

**Figure 63**  
**Percent of Respondents Who Were Told They Have Arthritis, 2001, 2003, 2005, 2007, and 2009**



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2001, 2003, 2005, 2007, and 2009

**Figure 64**  
**Percent of Respondents Who Were Told They Have Arthritis, 2011-2013**



Note: Beginning in 2011, the CDC began using a different methodology to weight the data, therefore current data estimates cannot be compared to previous years.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2011-2013

**Table 59**  
**Respondents Who Were Told They Have Arthritis, 2011-2013**

		2011-2013	2011	2012	2013
<b>Total</b>		<b>24%</b>	<b>23%</b>	<b>24%</b>	<b>25%</b>
<b>Gender</b>	Male	21%	20%	21%	23%
	Female	27%	27%	26%	27%
<b>Age</b>	18-34	5%	*	*	*
	35-44	15%	*	*	*
	45-54	24%	*	*	*
	55-64	37%	37%	36%	*
	65-74	46%	*	*	*
	75+	53%	*	*	*
<b>Race</b>	White	25%	24%	24%	26%
	American Indian	25%	*	*	*
<b>Ethnicity</b>	Hispanic	19%	*	*	*
	Non-Hispanic	24%	24%	24%	26%
<b>Household Income</b>	Less than \$15,000	34%	*	*	*
	\$15,000-\$24,999	29%	*	*	*
	\$25,000-\$34,999	25%	*	*	*
	\$35,000-\$49,999	26%	*	*	*
	\$50,000-\$74,999	18%	*	*	*
	\$75,000+	17%	15%	17%	*
<b>Education</b>	Less than High School, G.E.D.	32%	*	*	*
	High School, G.E.D.	27%	27%	25%	28%
	Some Post-High School	23%	22%	21%	25%
	College Graduate	19%	17%	20%	19%
<b>Employment Status</b>	Employed for Wages	16%	15%	16%	17%
	Self-employed	22%	*	*	*
	Unemployed	24%	*	*	*
	Homemaker	24%	*	*	*
	Student	4%	*	*	*
	Retired	48%	48%	49%	48%
<b>Marital Status</b>	Unable to Work	59%	*	*	*
	Married/Unmarried Couple	24%	23%	24%	26%
	Divorced/Separated	31%	*	*	*
	Widowed	52%	*	*	*
<b>Home Ownership Status</b>	Never Married	11%	*	*	*
	Own Home	26%	25%	25%	28%
<b>Children Status</b>	Rent Home	21%	23%	19%	20%
	Children in Household (Ages 18-44)	8%	9%	8%	*
<b>Phone Status</b>	No Children in Household (Ages 18-44)	8%	*	*	*
	Landline	29%	26%	29%	33%
<b>Pregnancy Status</b>	Cell Phone	15%	*	15%	17%
	Pregnant (Ages 18-44)	3%	*	*	*
		9%	*	*	*

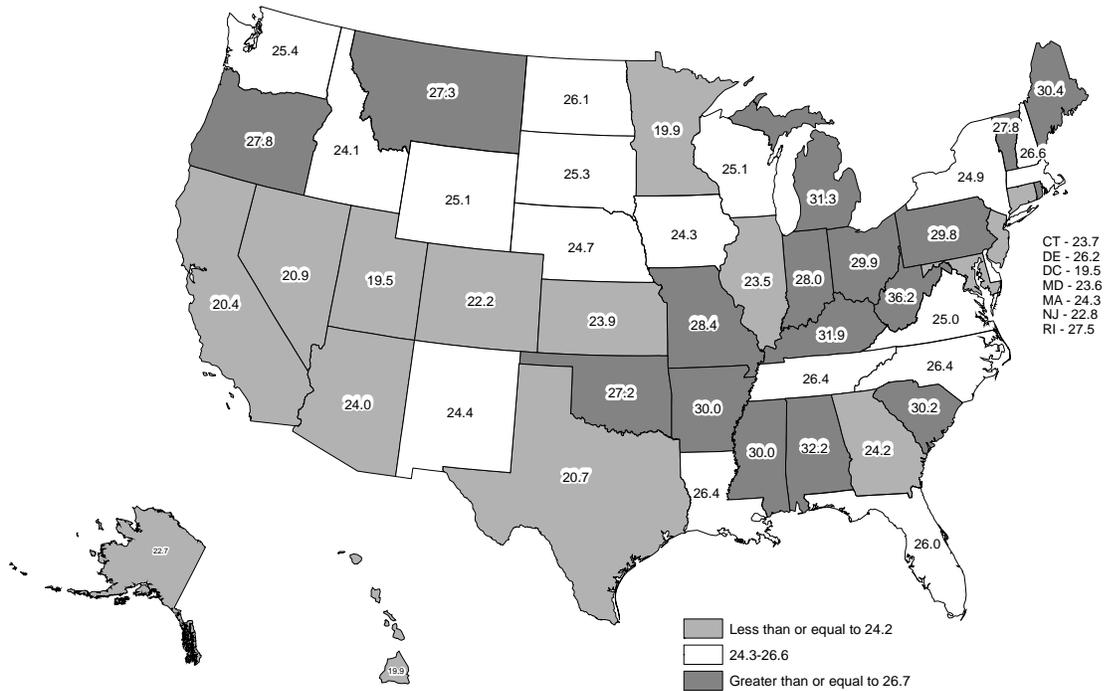
Note: \*Results based on small sample sizes have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2011-2013

### **National Statistics**

The national median for respondents who have arthritis is 25.3 percent, as shown in Figure 65 on the next page. South Dakota had 25.3 percent of respondents who were told they have arthritis. The District of Columbia and Utah had the lowest percent of respondents who have arthritis with 19.5 percent, while West Virginia had the highest with 36.2 percent.

**Figure 65**  
**Nationally, Respondents Who Were Told They Have Arthritis, 2013**



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2013

**Further Analysis**

Following are data illustrating the percent of those who have arthritis for various health behaviors and conditions. For example, 20 percent of respondents who stated they drank alcohol in the past 30 days have arthritis, while 30 percent of respondents who have not drunk alcohol in the past 30 days have arthritis.

<b>Table 60</b> <b>Arthritis Prevalence for Selected Health Behaviors and Conditions, 2011-2013</b>	
<b>Health Behavior or Condition</b>	<b>% with Arthritis</b>
Underweight (BMI < 18.5)	14%
Recommended (BMI = 18.5-24.9)	18%
Overweight (BMI = 25.0-29.9)	24%
Obese - Class I (BMI = 30.0-34.9)	30%
Obese - Classes II & III (BMI = 35.0+)	36%
Leisure Time Exercise	21%
No Leisure Time Exercise	33%
Met Physical Activity Recommendations	23%
Did Not Meet Physical Activity Recommendations	26%
2+ Servings of Fruit per Day	26%
< 2 Servings of Fruit per Day	24%
3+ Servings of Vegetables per Day	23%
< 3 Servings of Vegetables per Day	25%

**Table 60 (continued)  
Arthritis Prevalence for Selected Health Behaviors and  
Conditions, 2011-2013**

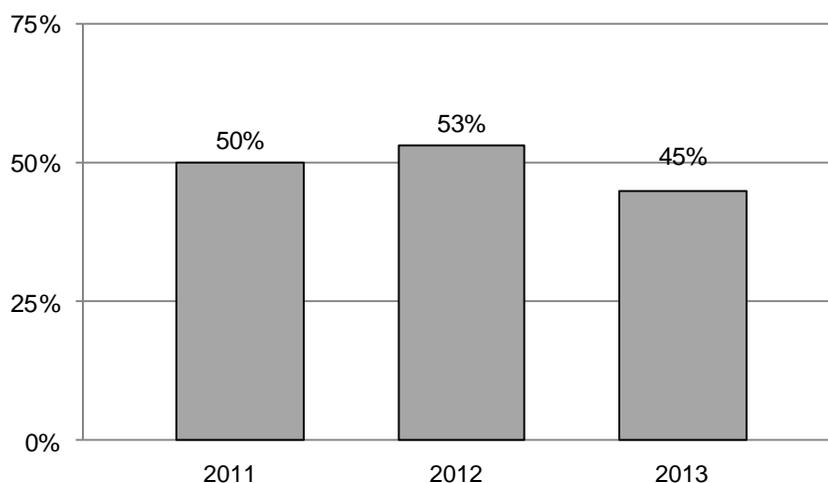
<b>Health Behavior or Condition</b>	<b>% with Arthritis</b>
5+ Servings of Fruits and Vegetables per Day	24%
< 5 Servings of Fruits and Vegetables per Day	25%
Current Smoker	24%
Former Smoker	32%
Never Smoked	20%
Smokeless Tobacco	21%
No Smokeless Tobacco	24%
Heard of "South Dakota QuitLine"	25%
Not Heard of "South Dakota QuitLine"	31%
Diabetes	49%
No Diabetes	22%
High Blood Pressure	40%
No High Blood Pressure	18%
High Blood Cholesterol	43%
No High Blood Cholesterol	22%
Health Insurance (18-64)	19%
No Health Insurance (18-64)	17%
Employer Based Coverage (18-64)	16%
Private Health Plan (18-64)	18%
Medicare (18-64)	45%
Medicaid or Medical Assistance (18-64)	25%
The Military, CHAMPUS, TriCare, or the VA (18-64)	30%
The Indian Health Service (18-64)	19%
Flu Shot (65+)	52%
No Flu Shot (65+)	44%
Pneumonia Shot (65+)	55%
No Pneumonia Shot (65+)	41%
Previously Had Heart Attack	49%
Never Had Heart Attack	23%
Have Angina or Coronary Heart Disease	58%
Do Not Have Angina or Coronary Heart Disease	22%
Previously Had a Stroke	53%
Never Had a Stroke	23%
Cancer	45%
No Cancer	21%
Skin Cancer	45%
No Skin Cancer	23%
Current Asthma	39%
Former Asthma	26%
Never Had Asthma	23%
COPD	53%
No COPD	23%
Depression	39%
No Depression	21%
Kidney Disease	56%
No Kidney Disease	23%
Severe Vision Impairment	43%
No Severe Vision Impairment	25%
Recent Increased Confusion/Memory Loss	45%
No Recent Increased Confusion/Memory Loss	25%

<b>Table 60 (continued) Arthritis Prevalence for Selected Health Behaviors and Conditions, 2011-2013</b>	
<b>Health Behavior or Condition</b>	<b>% with Arthritis</b>
< 6 Hours of Sleep	41%
6+ Hours of Sleep	24%
Always/Almost Always Wear Seat Belt	25%
Sometimes/Seldom/Never Wear Seat Belt	22%
Drank Alcohol in Past 30 Days	20%
Did Not Drink Alcohol in Past 30 Days	30%
Binge Drinker	13%
Not a Binge Drinker	27%
Heavy Drinker	19%
Not a Heavy Drinker	25%
Good/Very Good/Excellent Health Status	20%
Fair/Poor Health Status	49%
Physical Health Not Good for 0-29 Days of the Past 30	22%
Physical Health Not Good for 30 Days of the Past 30	59%
Mental Health Not Good for 0-19 Days of the Past 30	23%
Mental Health Not Good for 20-30 Days of the Past 30	37%
Usual Activities Unattainable for 0-9 Days of the Past 30	22%
Usual Activities Unattainable for 10-30 Days of the Past 30	53%
Physical, Mental, or Emotional Problems	52%
No Physical, Mental, or Emotional Problems	17%
Disability with Special Equipment Needed	60%
No Disability with Special Equipment Needed	21%
< 2 Hours of TV per Day	15%
2+ Hours of TV per Day	30%
Been Tested for HIV (18-64)	20%
Never Been Tested for HIV (18-64)	26%

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2011-2013

Figure 66, below, displays the percent of respondents with arthritis who are limited in their usual activities because of arthritis or joint symptoms. In 2013, 45 percent of respondents were limited because of arthritis or joint symptoms.

**Figure 66**  
**Percent of Those With Arthritis Who Are Limited in Their Usual  
Activities, 2011-2013**



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2011-2013