

# 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?”

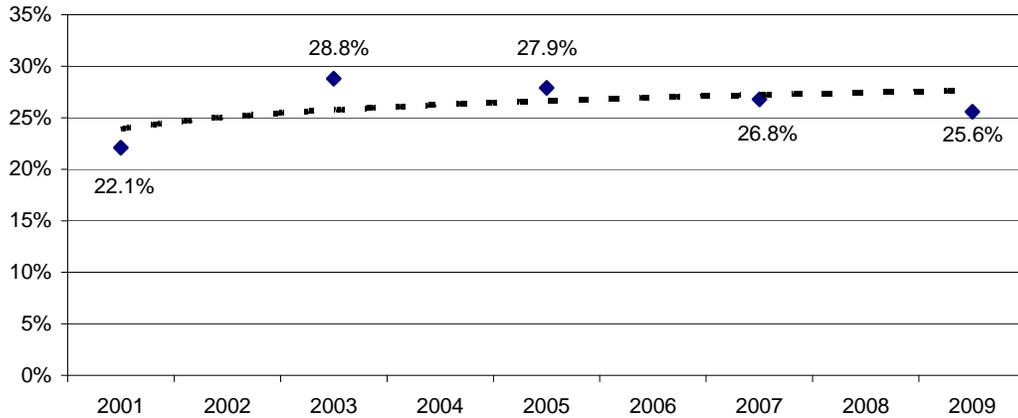
### Prevalence of Arthritis

- South Dakota 24%
- Nationwide median 26%

### Healthy People 2020 Objective

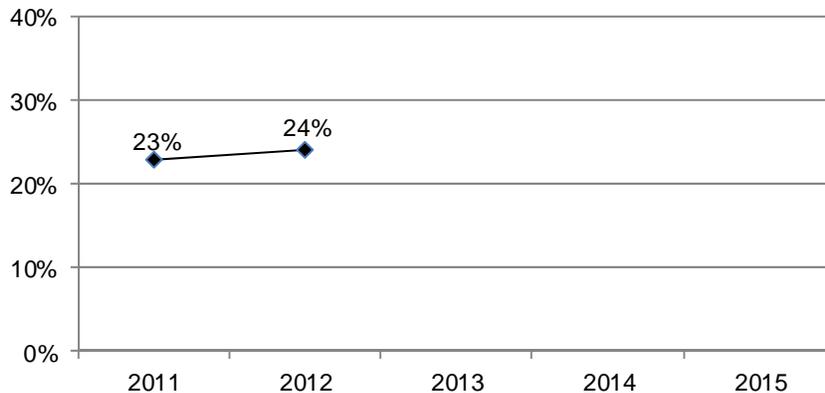
There was no comparable Healthy People 2020 Objective for having arthritis.

**Figure 87**  
**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 88**  
**Percent of Respondents Who Were Told They Have Arthritis, 2011-2012**



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, 2011-2012

**Table 56**  
**Respondents Who Were Told They Have Arthritis, 2011-2012**

		2011-2012	2011	2012
<b>Total</b>		<b>24%</b>	<b>23%</b>	<b>24%</b>
<b>Gender</b>	Male	20%	20%	21%
	Female	27%	27%	26%
<b>Age</b>	18-44	8%	8%	8%
	45-64	29%	30%	29%
	65+	49%	48%	49%
<b>Race</b>	White	24%	24%	24%
	American Indian	25%	*	*
<b>Ethnicity</b>	Hispanic	20%	*	*
	Non-Hispanic	24%	24%	24%
<b>Household Income</b>	Less than \$25,000	31%	32%	31%
	\$25,000-\$49,999	25%	24%	26%
	\$50,000+	17%	17%	17%
<b>Education</b>	High School, G.E.D., or Less	28%	28%	28%
	Some Post-High School	22%	22%	21%
	College Graduate	18%	17%	20%
<b>Employment Status</b>	Employed for Wages	15%	15%	16%
	Self-employed	20%	*	*
	Unemployed	20%	*	*
	Homemaker	26%	*	*
	Student	3%	*	*
	Retired	48%	48%	49%
	Unable to Work	57%	*	*
<b>Marital Status</b>	Married/Unmarried Couple	24%	23%	24%
	Divorced/Separated	32%	*	*
	Widowed	51%	*	*
	Never Married	10%	*	*
<b>Home Ownership Status</b>	Own Home	25%	25%	25%
	Rent Home	21%	23%	19%
<b>Children Status</b>	Children in Household (Ages 18-44)	9%	*	*
	No Children in Household (Ages 18-44)	8%	*	*
<b>Phone Status</b>	Landline	27%	26%	29%
	Cell Phone	13%	*	*
<b>Pregnancy Status</b>	Pregnant (Ages 18-44)	4%	*	*
	Not Pregnant (Ages 18-44)	11%	*	*

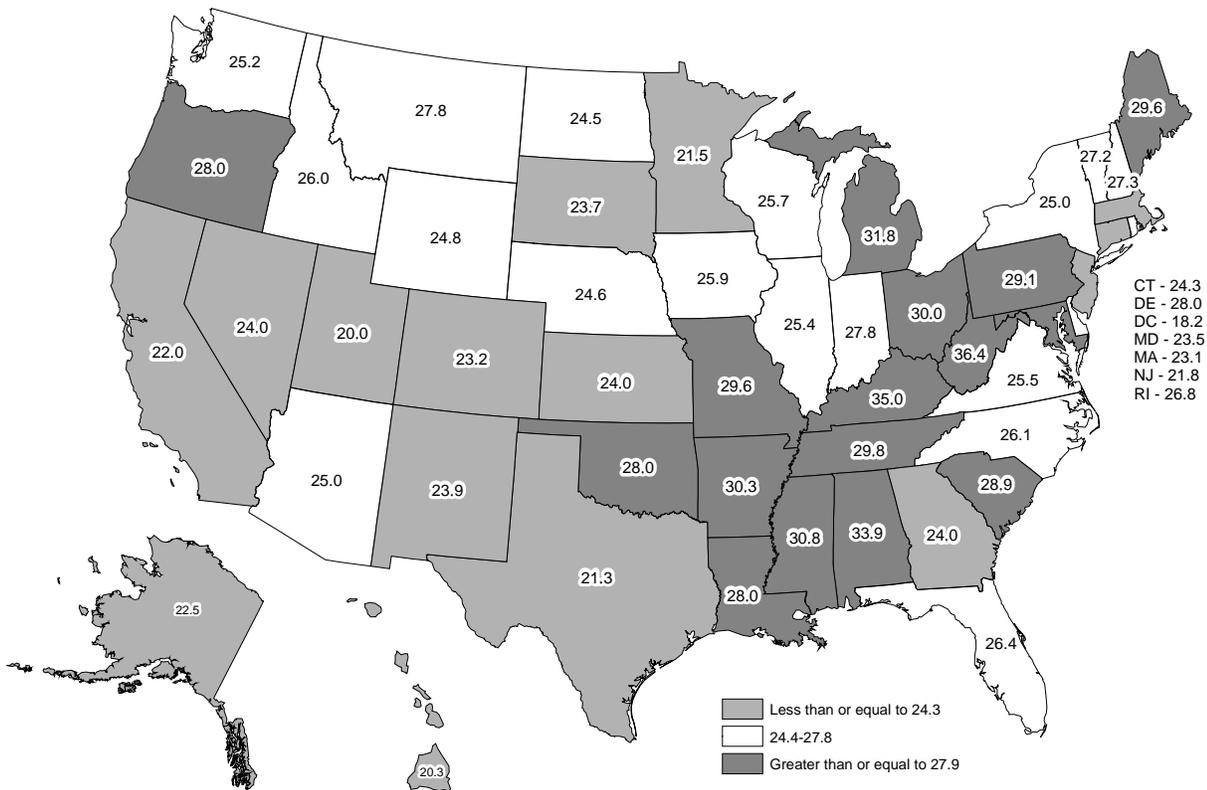
Note: \*Results based on small sample sizes have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2011-2012

### **National Statistics**

The national median for respondents who have arthritis is 25.7 percent, as shown in Figure 89 on the next page. South Dakota had 23.7 percent of respondents who were told they have arthritis. The District of Columbia had the lowest percent of respondents who have arthritis with 18.2 percent, while West Virginia had the highest with 36.4 percent.

**Figure 89**  
**Nationally, Respondents Who Were Told They Have Arthritis, 2012**



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2012

**Further Analysis**

Following are data illustrating the percent of those who have arthritis for various health behaviors and conditions. For example, 19 percent of respondents who stated they have drunk 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 57</b>	
<b>Arthritis Prevalence for Selected Health Behaviors and Conditions, 2011-2012</b>	
<b>Health Behavior or Condition</b>	<b>% with Arthritis</b>
Underweight (BMI < 18.5)	18%
Recommended (BMI = 18.5-24.9)	18%
Overweight (BMI = 25.0-29.9)	23%
Obese - Class I (BMI = 30.0-34.9)	29%
Obese - Classes II & III (BMI = 35.0+)	34%
Leisure Time Exercise	21%
No Leisure Time Exercise	33%
Current Smoker	24%
Former Smoker	31%
Never Smoked	20%
Smokeless Tobacco	19%
No Smokeless Tobacco	24%
Diabetes	49%
No Diabetes	21%

**Table 57 (continued)  
Arthritis Prevalence for Selected Health Behaviors and  
Conditions, 2011-2012**

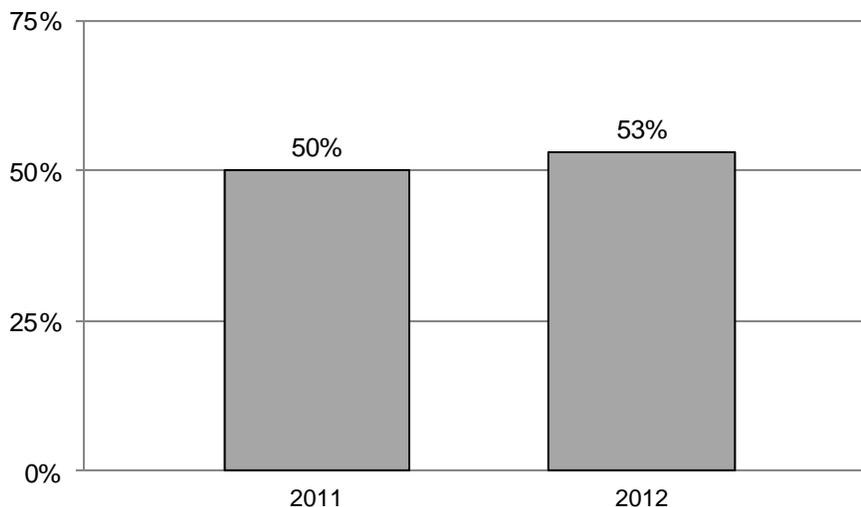
<b>Health Behavior or Condition</b>	<b>% with Arthritis</b>
High Blood Pressure	39%
No High Blood Pressure	17%
Health Insurance (18-64)	18%
No Health Insurance (18-64)	21%
Employer Based Coverage (18-64)	15%
Private Health Plan (18-64)	17%
Medicare (18-64)	46%
Medicaid or Medical Assistance (18-64)	28%
The Military, CHAMPUS, TriCare, or the VA (18-64)	29%
The Indian Health Service (18-64)	19%
Breast Exam Within Past Two Years	26%
No Breast Exam Within Past Two Years	26%
Mammogram Within Past Two Years (40+)	38%
No Mammogram Within Past Two Years (40+)	33%
Pap Smear Within Past Three Years	20%
No Pap Smear Within Past Three Years	27%
Blood Stool Test Within Past Two Years (50+)	44%
No Blood Stool Test Within Past Two Years (50+)	39%
Ever Had a Sigmoidoscopy or Colonoscopy (50+)	44%
Never Had a Sigmoidoscopy or Colonoscopy (50+)	32%
PSA Test Within the Past Two Years (40+)	37%
No PSA Test Within the Past Two Years (40+)	25%
Flu Shot (65+)	52%
No Flu Shot (65+)	42%
Pneumonia Shot (65+)	55%
No Pneumonia Shot (65+)	37%
Previously Had Heart Attack	51%
Never Had Heart Attack	22%
Have Angina or Coronary Heart Disease	60%
Do Not Have Angina or Coronary Heart Disease	22%
Previously Had a Stroke	58%
Never Had a Stroke	23%
Cancer	46%
No Cancer	21%
Skin Cancer	45%
No Skin Cancer	22%
Current Asthma	38%
Former Asthma	21%
Never Had Asthma	22%
COPD	52%
No COPD	22%
Depression	39%
No Depression	20%
Kidney Disease	52%
No Kidney Disease	23%
Vision Impairment	40%
No Vision Impairment	20%
Been to the Dentist in the Past Year	21%
Haven't Been to the Dentist in the Past Year	29%
Always/Almost Always Wear Seat Belt	24%
Sometimes/Seldom/Never Wear Seat Belt	20%
Drank Alcohol in Past 30 Days	19%
Did Not Drink Alcohol in Past 30 Days	30%

<b>Table 57 (continued) Arthritis Prevalence for Selected Health Behaviors and Conditions, 2011-2012</b>	
<b>Health Behavior or Condition</b>	<b>% with Arthritis</b>
Binge Drinker	12%
Not a Binge Drinker	27%
Heavy Drinker	17%
Not a Heavy Drinker	24%
< 3 Sweetened Beverages per Day	25%
3+ Sweetened Beverages per Day	19%
Good/Very Good/Excellent Health Status	19%
Fair/Poor Health Status	49%
Physical Health Not Good for 0-29 Days of the Past 30	21%
Physical Health Not Good for 30 Days of the Past 30	58%
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	21%
Usual Activities Unattainable for 10-30 Days of the Past 30	49%
Physical, Mental, or Emotional Problems	51%
No Physical, Mental, or Emotional Problems	16%
Disability with Special Equipment Needed	59%
No Disability with Special Equipment Needed	21%
Heard of "Healthy South Dakota" Program	25%
Not Heard of "Healthy South Dakota" Program	23%
Injured in a Fall in Past 12 Months (45+)	57%
Not Injured in a Fall in Past 12 Months (45+)	34%
Been Tested for HIV (18-64)	20%
Never Been Tested for HIV (18-64)	25%

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2011-2012

Figure 90, below, displays the percent of respondents with arthritis who are limited in their usual activities because of arthritis or joint symptoms. In 2012, 53 percent of respondents were limited because of arthritis or joint symptoms.

**Figure 90**  
**Percent of Those With Arthritis Who Are Limited in Their Usual  
Activities, 2011-2012**



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2011-2012