

Asthma

ASTHMA

Definition: Respondents who were told by a doctor, nurse, or health professional that they had asthma and that they still have asthma.

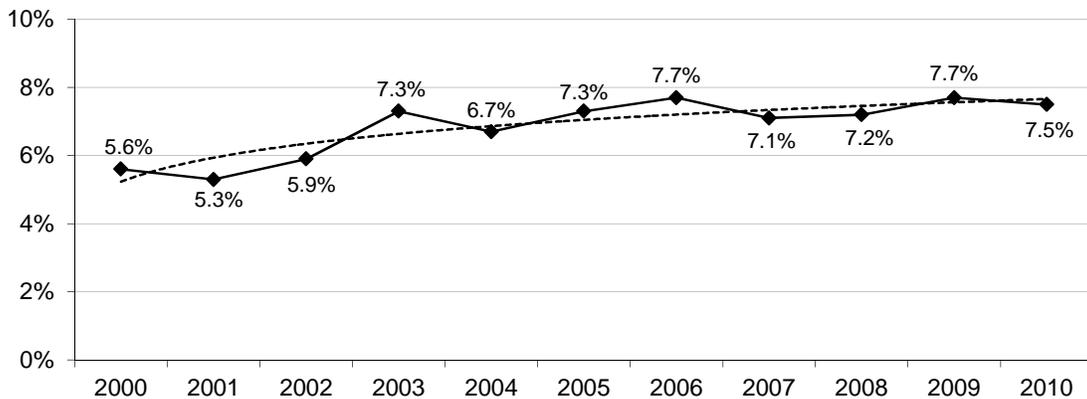
Prevalence of Asthma

- South Dakota 8%
- Nationwide median 9%

Healthy People 2020 Objective

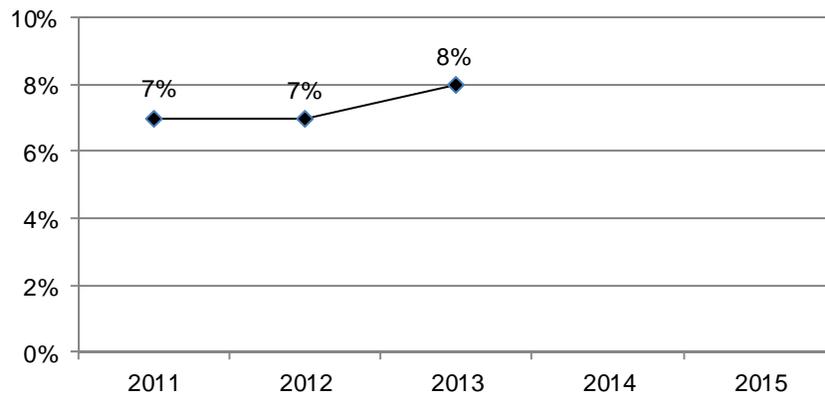
There was no stated Healthy People 2020 Objective for having asthma.

Figure 60
Percent of Respondents Who Were Told They Have Asthma, 2000-2010



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2000-2010

Figure 61
Percent of Respondents Who Were Told They Have Asthma, 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 57
Respondents Who Were Told They Have Asthma, 2011-2013

		2011-2013	2011	2012	2013
Total		7%	7%	7%	8%
Gender	Male	6%	5%	6%	7%
	Female	9%	9%	9%	9%
Age	18-34	8%	*	*	*
	35-44	6%	*	*	*
	45-54	6%	*	*	*
	55-64	8%	6%	10%	*
	65-74	9%	*	*	*
	75+	7%	*	*	*
Race	White	7%	7%	7%	8%
	American Indian	12%	*	*	*
Ethnicity	Hispanic	6%	*	*	*
	Non-Hispanic	7%	7%	7%	8%
Household Income	Less than \$15,000	12%	*	*	*
	\$15,000-\$24,999	10%	*	*	*
	\$25,000-\$34,999	7%	*	*	*
	\$35,000-\$49,999	8%	*	*	*
	\$50,000-\$74,999	6%	*	*	*
	\$75,000+	5%	4%	5%	*
Education	Less than High School, G.E.D.	11%	*	*	*
	High School, G.E.D.	8%	7%	8%	8%
	Some Post-High School	7%	6%	7%	7%
	College Graduate	6%	6%	6%	6%
Employment Status	Employed for Wages	6%	5%	7%	7%
	Self-employed	5%	*	*	*
	Unemployed	12%	*	*	*
	Homemaker	7%	*	*	*
	Student	7%	*	*	*
	Retired	7%	9%	7%	7%
	Unable to Work	22%	*	*	*
Marital Status	Married/Unmarried Couple	7%	6%	7%	8%
	Divorced/Separated	9%	*	*	*
	Widowed	8%	*	*	*
	Never Married	9%	*	*	*
Home Ownership Status	Own Home	6%	6%	6%	7%
	Rent Home	10%	11%	11%	10%
Children Status	Children in Household (Ages 18-44)	7%	7%	6%	*
	No Children in Household (Ages 18-44)	8%	*	*	*
Phone Status	Landline	7%	7%	7%	8%
	Cell Phone	8%	*	8%	8%
Pregnancy Status	Pregnant (Ages 18-44)	11%	*	*	*
	Not Pregnant (Ages 18-44)	9%	*	*	*

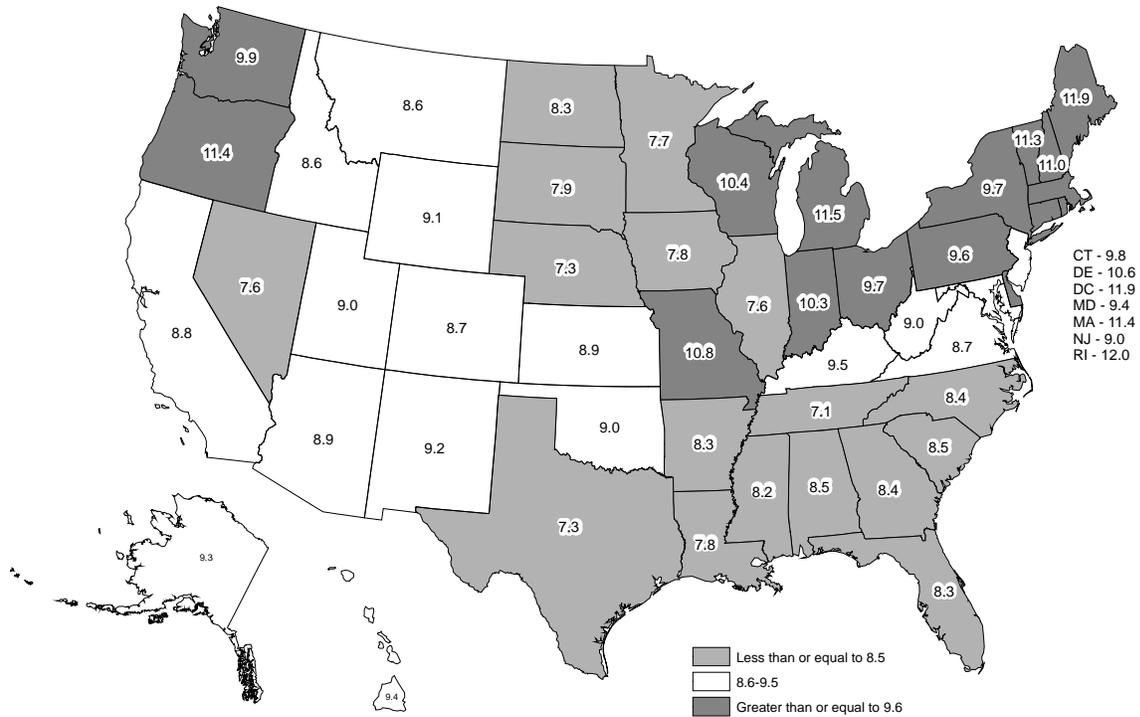
Note: *Results based on small sample sizes have been suppressed.

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

National Statistics

The national median for respondents who have asthma was 9.0 percent, as shown in Figure 62 on the next page. South Dakota had 7.9 percent of respondents with asthma. Tennessee had the lowest percent of respondents with asthma at 7.1 percent, while Rhode Island had the highest with 12.0 percent.

Figure 62
Nationally, Respondents Who Were Told They Have Asthma, 2013



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

Further Analysis

The following data show the percent of those who have asthma for various health behaviors and conditions. For example, 14 percent of respondents who have depression have asthma, while six percent of respondents who do not have depression have asthma.

Health Behavior or Condition	% with Asthma
Underweight (BMI < 18.5)	4%
Recommended (BMI = 18.5-24.9)	6%
Overweight (BMI = 25.0-29.9)	6%
Obese - Class I (BMI = 30.0-34.9)	9%
Obese - Classes II & III (BMI = 35.0+)	14%
Leisure Time Exercise	7%
No Leisure Time Exercise	9%
Met Physical Activity Recommendations	7%
Did Not Meet Physical Activity Recommendations	8%
2+ Servings of Fruit per Day	8%
< 2 Servings of Fruit per Day	7%
3+ Servings of Vegetables per Day	7%
< 3 Servings of Vegetables per Day	7%
5+ Servings of Fruits and Vegetables per Day	9%
< 5 Servings of Fruits and Vegetables per Day	7%

**Table 58 (continued)
Asthma Prevalence for Selected Health Behaviors and Conditions,
2011-2013**

Health Behavior or Condition	% with Asthma
Current Smoker	9%
Former Smoker	8%
Never Smoked	7%
Smokeless Tobacco	10%
No Smokeless Tobacco	7%
Heard of "South Dakota QuitLine"	8%
Not Heard of "South Dakota QuitLine"	9%
Diabetes	12%
No Diabetes	7%
High Blood Pressure	9%
No High Blood Pressure	7%
High Blood Cholesterol	9%
No High Blood Cholesterol	7%
Health Insurance (18-64)	7%
No Health Insurance (18-64)	9%
Employer Based Coverage (18-64)	6%
Private Health Plan (18-64)	4%
Medicare (18-64)	21%
Medicaid or Medical Assistance (18-64)	14%
The Military, CHAMPUS, TriCare, or the VA (18-64)	5%
The Indian Health Service (18-64)	10%
Flu Shot (65+)	9%
No Flu Shot (65+)	5%
Pneumonia Shot (65+)	10%
No Pneumonia Shot (65+)	3%
Previously Had Heart Attack	12%
Never Had Heart Attack	7%
Have Angina or Coronary Heart Disease	10%
Do Not Have Angina or Coronary Heart Disease	7%
Previously Had a Stroke	15%
Never Had a Stroke	7%
Cancer	10%
No Cancer	7%
Skin Cancer	9%
No Skin Cancer	7%
Arthritis	12%
No Arthritis	6%
COPD	36%
No COPD	6%
Depression	14%
No Depression	6%
Kidney Disease	14%
No Kidney Disease	7%
Severe Vision Impairment	15%
No Severe Vision Impairment	8%
Recent Increased Confusion/Memory Loss	15%
No Recent Increased Confusion/Memory Loss	8%
< 6 Hours of Sleep	20%
6+ Hours of Sleep	7%
Always/Almost Always Wear Seat Belt	7%
Sometimes/Seldom/Never Wear Seat Belt	9%

**Table 58 (continued)
Asthma Prevalence for Selected Health Behaviors and Conditions,
2011-2013**

Health Behavior or Condition	% with Asthma
Drank Alcohol in Past 30 Days	6%
Did Not Drink Alcohol in Past 30 Days	9%
Binge Drinker	6%
Not a Binge Drinker	8%
Heavy Drinker	9%
Not a Heavy Drinker	7%
Good/Very Good/Excellent Health Status	6%
Fair/Poor Health Status	17%
Physical Health Not Good for 0-29 Days of the Past 30	7%
Physical Health Not Good for 30 Days of the Past 30	17%
Mental Health Not Good for 0-19 Days of the Past 30	7%
Mental Health Not Good for 20-30 Days of the Past 30	15%
Usual Activities Unattainable for 0-9 Days of the Past 30	7%
Usual Activities Unattainable for 10-30 Days of the Past 30	20%
Physical, Mental, or Emotional Problems	15%
No Physical, Mental, or Emotional Problems	5%
Disability with Special Equipment Needed	16%
No Disability with Special Equipment Needed	7%
< 2 Hours of TV per Day	7%
2+ Hours of TV per Day	8%
Been Tested for HIV (18-64)	8%
Never Been Tested for HIV (18-64)	7%

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