

Asthma

ASTHMA

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

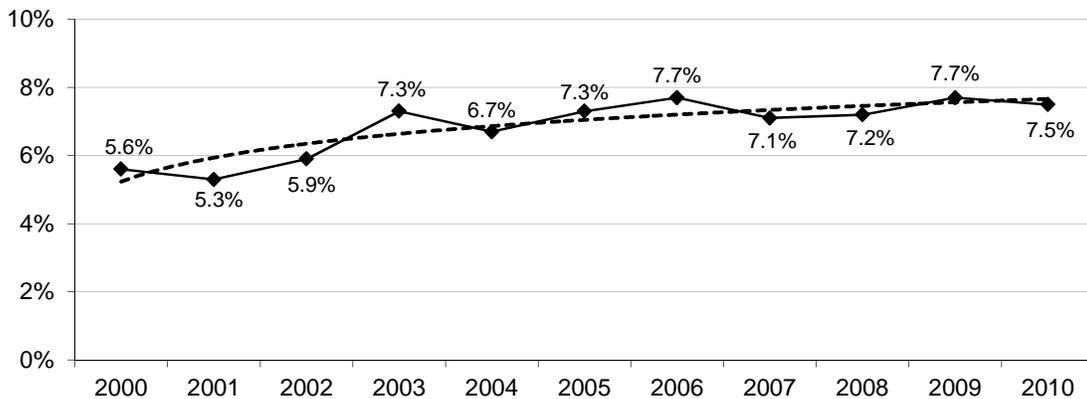
Prevalence of Asthma

- South Dakota 7%
- Nationwide median 9%

Healthy People 2020 Objective

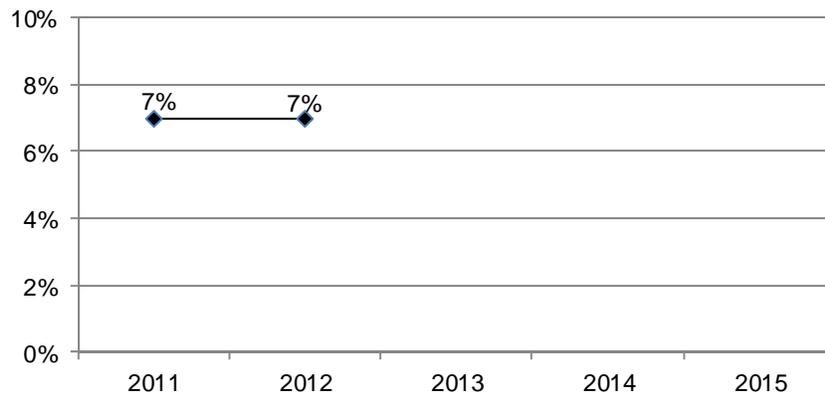
There was no stated Healthy People 2020 Objective for having asthma.

Figure 84
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 85
Percent of Respondents Who Were Told They Have Asthma, 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 54				
Respondents Who Were Told They Have Asthma, 2011-2012				
		2011-2012	2011	2012
Total		7%	7%	7%
Gender	Male	6%	5%	6%
	Female	9%	9%	9%
Age	18-44	7%	7%	8%
	45-64	7%	6%	7%
	65+	8%	9%	7%
Race	White	7%	7%	7%
	American Indian	13%	*	*
Ethnicity	Hispanic	7%	*	*
	Non-Hispanic	7%	7%	7%
Household Income	Less than \$25,000	10%	10%	10%
	\$25,000-\$49,999	7%	5%	9%
	\$50,000+	5%	5%	5%
Education	High School, G.E.D., or Less	8%	8%	8%
	Some Post-High School	7%	6%	7%
	College Graduate	6%	6%	6%
Employment Status	Employed for Wages	6%	5%	7%
	Self-employed	4%	*	*
	Unemployed	12%	*	*
	Homemaker	7%	*	*
	Student	8%	*	*
	Retired	8%	9%	7%
	Unable to Work	20%	*	*
Marital Status	Married/Unmarried Couple	6%	6%	7%
	Divorced/Separated	8%	*	*
	Widowed	9%	*	*
	Never Married	9%	*	*
Home Ownership Status	Own Home	6%	6%	6%
	Rent Home	11%	11%	11%
Children Status	Children in Household (Ages 18-44)	7%	*	*
	No Children in Household (Ages 18-44)	8%	*	*
Phone Status	Landline	7%	7%	7%
	Cell Phone	8%	*	*
Pregnancy Status	Pregnant (Ages 18-44)	13%	*	*
	Not Pregnant (Ages 18-44)	9%	*	*

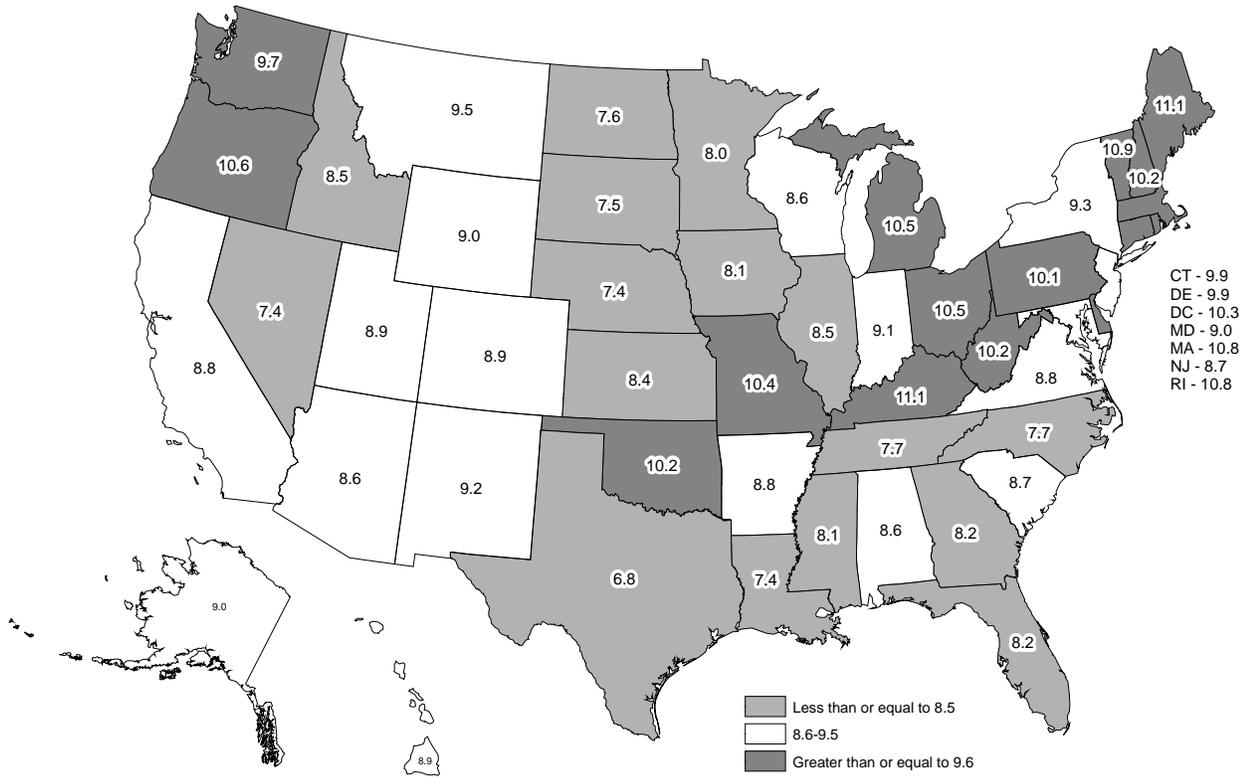
Note: *Results based on small sample sizes have been suppressed.

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

National Statistics

The national median for respondents who have asthma was 8.9 percent, as shown in Figure 86 on the next page. South Dakota had 7.5 percent of respondents with asthma. Texas had the lowest percent of respondents with asthma at 6.8 percent, while Maine and Kentucky had the highest with 11.1 percent.

Figure 86
Nationally, Respondents Who Were Told They Have Asthma, 2012



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

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 6 percent of respondents who do not have depression have asthma.

Health Behavior or Condition	% with Asthma
Underweight (BMI < 18.5)	3%
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	8%
Current Smoker	8%
Former Smoker	9%
Never Smoked	6%
Smokeless Tobacco	7%
No Smokeless Tobacco	7%
Diabetes	12%
No Diabetes	7%
High Blood Pressure	9%
No High Blood Pressure	6%

**Table 55 (continued)
Asthma Prevalence for Selected Health Behaviors and Conditions,
2011-2012**

Health Behavior or Condition	% with Asthma
Health Insurance (18-64)	7%
No Health Insurance (18-64)	9%
Employer Based Coverage (18-64)	6%
Private Health Plan (18-64)	3%
Medicare (18-64)	20%
Medicaid or Medical Assistance (18-64)	15%
The Military, CHAMPUS, TriCare, or the VA (18-64)	4%
The Indian Health Service (18-64)	11%
Breast Exam Within Past Two Years	9%
No Breast Exam Within Past Two Years	10%
Mammogram Within Past Two Years (40+)	9%
No Mammogram Within Past Two Years (40+)	7%
Pap Smear Within Past Three Years	9%
No Pap Smear Within Past Three Years	8%
Blood Stool Test Within Past Two Years (50+)	10%
No Blood Stool Test Within Past Two Years (50+)	7%
Ever Had a Sigmoidoscopy or Colonoscopy (50+)	8%
Never Had a Sigmoidoscopy or Colonoscopy (50+)	7%
PSA Test Within the Past Two Years (40+)	7%
No PSA Test Within the Past Two Years (40+)	4%
Flu Shot (65+)	10%
No Flu Shot (65+)	4%
Pneumonia Shot (65+)	10%
No Pneumonia Shot (65+)	3%
Previously Had Heart Attack	10%
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	13%
Never Had a Stroke	7%
Cancer	9%
No Cancer	7%
Skin Cancer	9%
No Skin Cancer	7%
Arthritis	12%
No Arthritis	6%
COPD	35%
No COPD	6%
Depression	14%
No Depression	6%
Kidney Disease	13%
No Kidney Disease	7%
Vision Impairment	9%
No Vision Impairment	7%
Been to the Dentist in the Past Year	7%
Haven't Been to the Dentist in the Past Year	9%
Always/Almost Always Wear Seat Belt	7%
Sometimes/Seldom/Never Wear Seat Belt	8%
Drank Alcohol in Past 30 Days	6%
Did Not Drink Alcohol in Past 30 Days	9%
Binge Drinker	6%
Not a Binge Drinker	7%

Table 55 (continued)
Asthma Prevalence for Selected Health Behaviors and Conditions,
2011-2012

Health Behavior or Condition	% with Asthma
Heavy Drinker	9%
Not a Heavy Drinker	7%
< 3 Sweetened Beverages per Day	7%
3+ Sweetened Beverages per Day	11%
Good/Very Good/Excellent Health Status	6%
Fair/Poor Health Status	16%
Physical Health Not Good for 0-29 Days of the Past 30	7%
Physical Health Not Good for 30 Days of the Past 30	16%
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	13%
Usual Activities Unattainable for 0-9 Days of the Past 30	6%
Usual Activities Unattainable for 10-30 Days of the Past 30	19%
Physical, Mental, or Emotional Problems	13%
No Physical, Mental, or Emotional Problems	5%
Disability with Special Equipment Needed	15%
No Disability with Special Equipment Needed	7%
Heard of "Healthy South Dakota" Program	7%
Not Heard of "Healthy South Dakota" Program	8%
Injured in a Fall in Past 12 Months (45+)	13%
Not Injured in a Fall in Past 12 Months (45+)	7%
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, 2011-2012