
Asthma

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

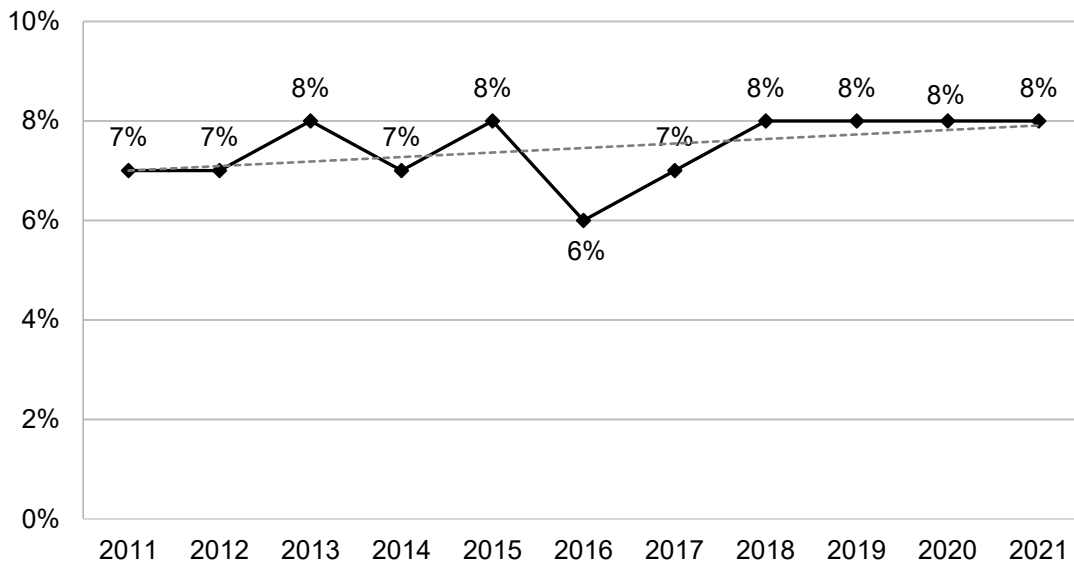
Prevalence of Asthma

- South Dakota 8%
- Nationwide median 10%

Trend Analysis

Overall, the percent of South Dakotans who currently have asthma has remained steady since 2011. South Dakota has a lower percentage than the nationwide median of 10 percent with asthma.

Figure 34
Percentage of South Dakotans Who Currently Have Asthma, 2011-2021



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2011-2021

**Table 31
South Dakotans Who Were Told They Have Asthma, 2017-2021**

		2017-2021	95% Confidence Interval	
			Low	High
Gender	Male	6%	5.3%	6.9%
	Female	10%	9.1%	10.9%
Age	18-29	10%	8.0%	11.5%
	30-39	7%	5.6%	8.6%
	40-49	7%	5.5%	8.3%
	50-59	9%	7.5%	10.2%
	60-69	8%	7.1%	9.6%
	70-79	7%	6.2%	8.9%
	80+	7%	4.7%	9.1%
Race/Ethnicity	White, Non-Hispanic	8%	7.4%	8.7%
	American Indian, Non-Hispanic	10%	8.5%	12.5%
	American Indian/White, Non-Hispanic	12%	7.3%	20.2%
	Hispanic	7%	4.1%	11.3%
Household Income	Less than \$35,000	10%	9.1%	11.8%
	\$35,000-\$74,999	7%	6.2%	8.5%
	\$75,000+	6%	5.3%	7.3%
Education	Less than High School, G.E.D.	12%	9.2%	15.4%
	High School, G.E.D.	8%	7.2%	9.5%
	Some Post-High School	7%	6.5%	8.4%
	College Graduate	7%	6.3%	8.0%
Employment Status	Employed for Wages	7%	6.7%	8.4%
	Self-employed	6%	4.4%	7.5%
	Unemployed	12%	8.0%	17.3%
	Homemaker	7%	4.5%	9.7%
	Student	10%	6.7%	13.8%
	Retired	7%	6.4%	8.5%
	Unable to Work	19%	15.8%	23.5%
Marital Status	Married/Unmarried Couple	7%	6.7%	8.2%
	Divorced/Separated	10%	8.5%	12.4%
	Widowed	8%	6.0%	10.0%
	Never Married	9%	7.2%	10.2%
Home Ownership Status	Own Home	7%	6.4%	7.7%
	Rent Home	11%	9.5%	12.6%
Children Status	Children in Household (Ages 18-44)	8%	6.5%	9.2%
	No Children in Household (Ages 18-44)	9%	7.4%	10.9%
Phone Status	Landline	8%	6.8%	8.5%
	Cell Phone	8%	7.4%	9.0%
Pregnancy Status	Pregnant (Ages 18-44)	7%	3.0%	14.3%
	Not Pregnant (Ages 18-44)	11%	8.9%	12.4%
County	Minnehaha	9%	7.3%	10.3%
	Pennington	8%	6.4%	9.1%
	Lincoln	9%	6.7%	13.2%
	Brown	8%	6.4%	10.9%
	Brookings	8%	6.3%	10.1%
	Codington	7%	5.6%	8.4%
	Meade	8%	5.9%	12.0%

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2017-2021

Demographics

Gender	Females exhibit a significantly higher prevalence of asthma than males.
Age	The prevalence of asthma does not seem to consistently change as age increases.
Race/ Ethnicity	The prevalence of asthma does not seem to differ based on race/ethnicity.
Household Income	The prevalence of asthma decreases as household income increases. This includes a significant decrease as the \$35,000-\$74,999 income group is reached.
Education	The prevalence of asthma decreases as education levels increase.
Employment	Those who are unable to work or unemployed demonstrate a very high prevalence of asthma, while those who are employed for wages, self-employed, a homemaker, a student, or retired show a very low prevalence.
Marital Status	Those who are divorced exhibit a very high prevalence of asthma, while those who are married show a very low prevalence.
Home Ownership	Those who rent their home demonstrate a significantly higher prevalence of asthma than those who own their home.
Children Status	The prevalence of asthma does not seem to differ based on the presence of children in the household.
Phone Status	The prevalence of asthma does not seem to differ based on phone status.
Pregnancy Status	The prevalence of asthma does not seem to differ based on pregnancy status.
County	The prevalence of asthma does not seem to differ among the available counties.