
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 7.5%
- Nationwide median 9.1%

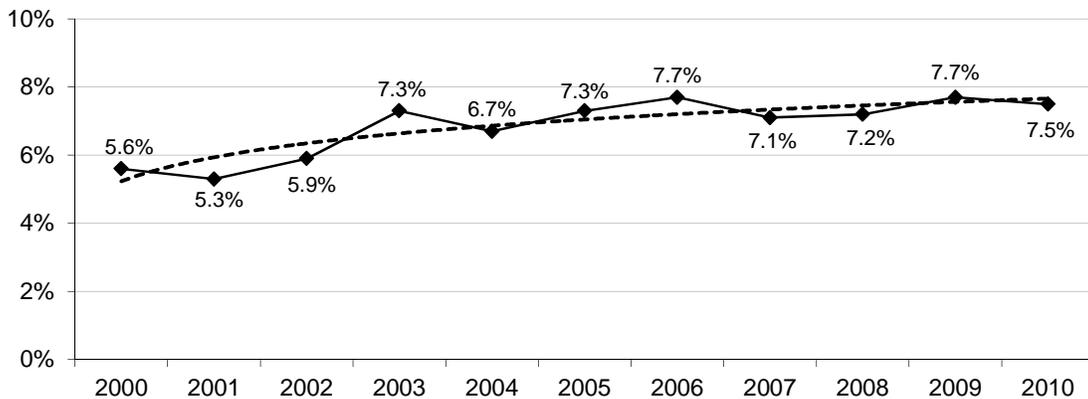
Healthy People 2010 Objective

There was no stated Healthy People 2010 Objective for having asthma.

Trend Analysis

Overall, the percent of respondents who have asthma has been increasing since the question was first asked in 2000. In more recent years, this percent has been fairly steady with 7.5 percent in 2010, down from 7.7 percent in 2009.

Figure 64
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

Table 46
Respondents Who Were Told They Have Asthma, 2010

	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
Total	6,667	7.5	(6.5-8.6)	2,632	6.9	(5.6-8.6)	4,035	8.1	(6.8-9.6)
Age									
18-24	207	7.5	(3.8-14.2)	100	7.6	(3.0-17.8)	107	7.3	(2.6-18.8)
25-34	579	8.4	(5.8-11.9)	241	6.9	(3.7-12.5)	338	10.0	(6.5-15.2)
35-44	776	7.0	(5.1-9.7)	306	7.1	(4.3-11.6)	470	7.0	(4.7-10.3)
45-54	1,281	6.5	(5.0-8.4)	543	5.4	(3.4-8.4)	738	7.7	(5.6-10.4)
55-64	1,456	7.5	(5.9-9.3)	613	5.9	(3.9-8.9)	843	9.0	(6.9-11.7)
65-74	1,162	9.0	(7.2-11.3)	466	7.8	(5.3-11.5)	696	10.2	(7.7-13.2)
75+	1,169	7.6	(5.9-9.6)	354	10.6	(7.3-15.1)	815	5.7	(4.2-7.7)
Race									
White	5,648	7.0	(6.0-8.0)	2,235	6.7	(5.3-8.4)	3,413	7.3	(6.1-8.7)
American Indian	775	14.6	(8.9-23.3)	299	8.0	(3.4-17.8)	476	20.6	(11.4-34.4)
Region									
Southeast	1,341	8.1	(6.4-10.2)	525	6.7	(4.6-9.8)	816	9.3	(6.9-12.5)
Northeast	1,437	6.5	(4.6-9.1)	563	8.2	(4.9-13.4)	874	5.0	(3.6-6.9)
Central	1,283	8.6	(5.7-12.8)	504	6.8	(3.9-11.9)	779	10.2	(5.8-17.5)
West	1,316	6.4	(5.0-8.0)	536	6.1	(4.2-8.9)	780	6.7	(5.0-8.8)
American Indian Counties	1,290	11.2	(8.4-14.7)	504	7.2	(3.9-12.9)	786	15.4	(11.5-20.3)
Household Income									
Less than \$15,000	653	15.0	(9.8-22.1)	230	7.5	(3.4-15.7)	423	21.7	(13.5-33.0)
\$15,000-\$19,999	418	11.4	(7.6-16.6)	151	13.3	(7.2-23.5)	267	9.6	(6.0-15.2)
\$20,000-\$24,999	554	8.3	(5.4-12.6)	212	10.8	(5.6-19.8)	342	6.1	(4.0-9.1)
\$25,000-\$34,999	761	6.9	(4.8-9.9)	329	5.7	(3.5-9.2)	432	8.5	(5.0-14.3)
\$35,000-\$49,999	999	6.3	(4.7-8.3)	421	4.2	(2.6-6.8)	578	8.7	(6.1-12.1)
\$50,000-\$74,999	1,022	5.1	(3.6-7.1)	437	4.3	(2.5-7.3)	585	5.9	(3.8-8.9)
\$75,000+	1,176	7.2	(5.3-9.7)	556	7.9	(5.0-12.4)	620	6.3	(4.5-8.9)
Education									
Less than High School	601	14.3	(9.6-20.9)	269	14.9	(8.3-25.2)	332	13.3	(8.9-19.5)
High School or G.E.D.	2,168	7.3	(5.8-9.2)	888	5.5	(4.0-7.5)	1,280	9.3	(6.8-12.6)
Some Post-High School	1,863	7.1	(5.3-9.3)	683	6.2	(4.0-9.6)	1,180	7.8	(5.4-11.0)
College Graduate	2,025	6.6	(5.1-8.5)	789	6.7	(4.4-10.1)	1,236	6.5	(4.9-8.7)
Marital Status									
Married/Unmarried Couple	4,030	7.2	(6.1-8.4)	1,725	6.7	(5.3-8.5)	2,305	7.6	(6.1-9.4)
Divorced/Separated	842	11.1	(8.4-14.5)	339	8.8	(5.1-14.9)	503	13.1	(9.7-17.4)
Widowed	1,050	8.2	(6.5-10.4)	164	8.2	(4.2-15.3)	886	8.3	(6.4-10.6)
Never Married	734	7.3	(4.4-11.7)	400	7.0	(3.4-13.6)	334	7.7	(3.9-14.9)
Children in Household									
Children in Household	1,165	7.0	(5.1-9.4)	439	5.9	(3.8-9.2)	726	7.9	(5.2-11.9)
No Children in Household	396	9.4	(5.8-14.9)	207	9.7	(4.8-18.3)	189	9.0	(5.0-15.9)

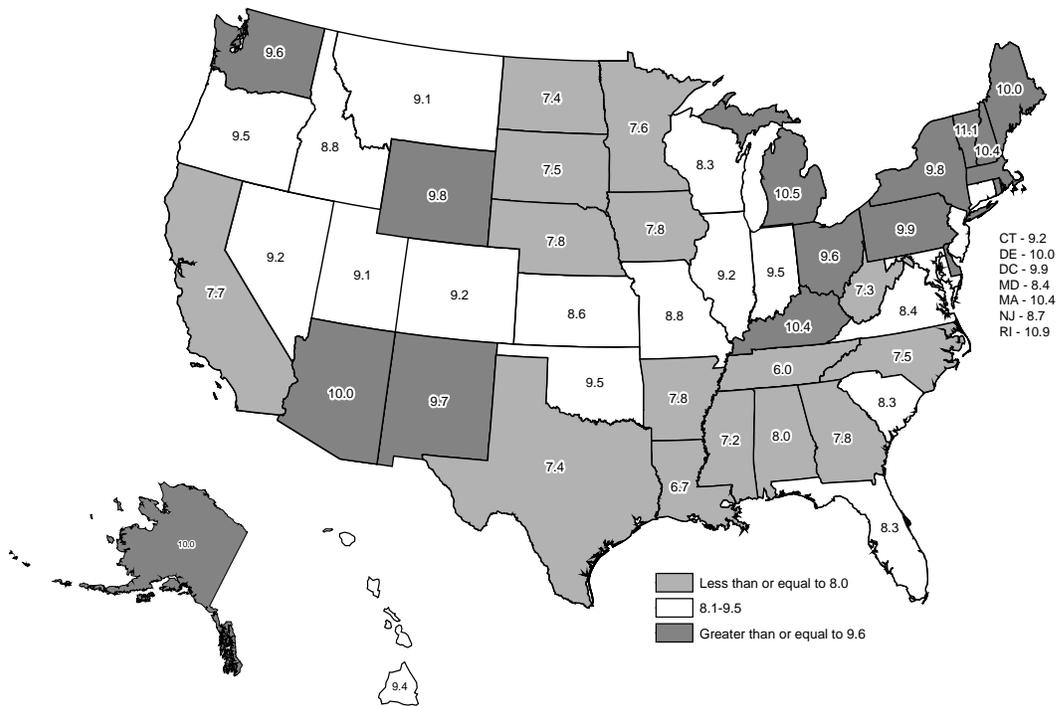
Note: *Results based on sample sizes less than 100 have been suppressed.

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

National Statistics

The national median for respondents who have asthma was 9.1 percent. South Dakota had 7.5 percent of respondents with asthma. Tennessee had the lowest percent of respondents with asthma at 6.0 percent, while Vermont had the highest with 11.1 percent.

Figure 65
Nationally, Respondents Who Were Told They Have Asthma, 2010



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