

# Diabetes

**Definition:** Respondents ever told by a doctor that they have diabetes, excluding women who were told this while they were pregnant.

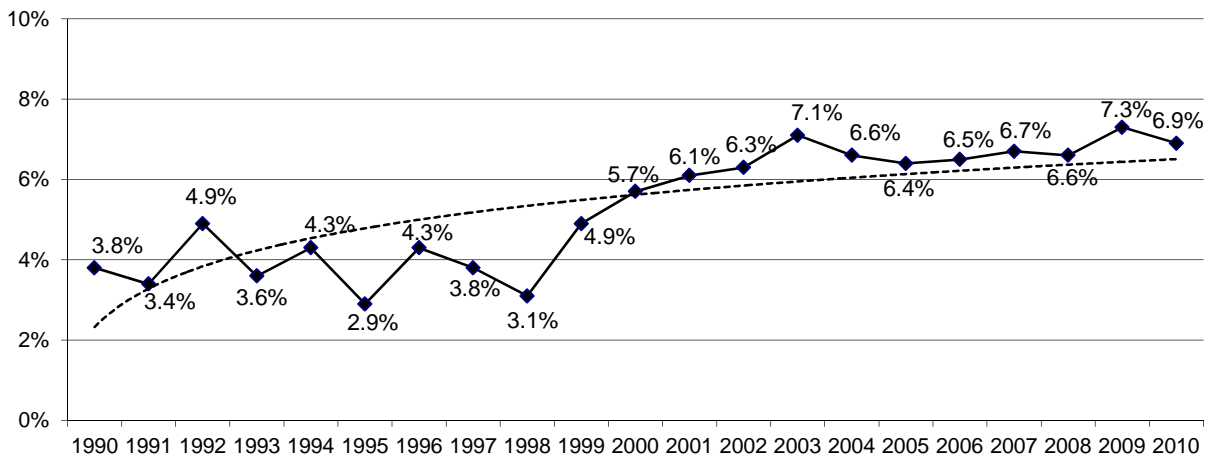
## Prevalence of Diabetes

- South Dakota 9%
- Nationwide median 10%

## Healthy People 2020 Objective

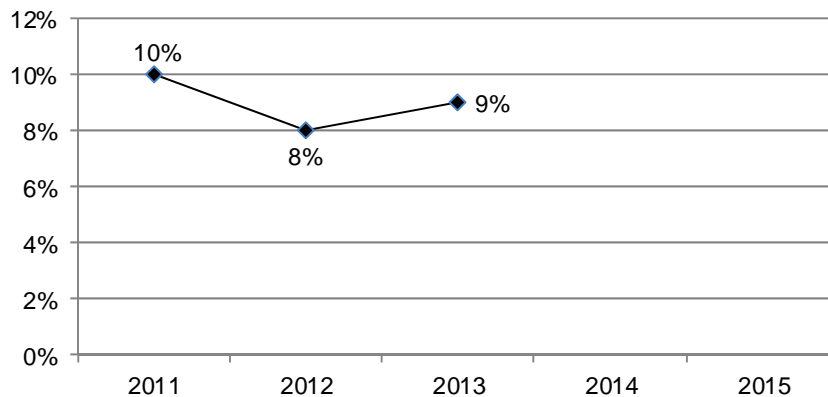
There was no comparable Healthy People 2020 Objective for adults, ages 18 and over, who have diabetes.

**Figure 27**  
Percent of Respondents Who Were Told They Have Diabetes, 1990-2010



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 1990-2010

**Figure 28**  
Percent of Respondents Who Were Told They Have Diabetes, 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 28**  
**Respondents Who Were Told They Have Diabetes, 2011-2013**

		2011-2013	2011	2012	2013
<b>Total</b>		<b>9%</b>	<b>10%</b>	<b>8%</b>	<b>9%</b>
<b>Gender</b>	Male	9%	11%	7%	9%
	Female	8%	8%	8%	9%
<b>Age</b>	18-34	1%	*	*	*
	35-44	6%	*	*	*
	45-54	8%	*	*	*
	55-64	14%	16%	10%	*
	65-74	21%	*	*	*
	75+	17%	*	*	*
<b>Race</b>	White	8%	9%	7%	8%
	American Indian	16%	*	*	*
<b>Ethnicity</b>	Hispanic	11%	*	*	*
	Non-Hispanic	9%	10%	8%	9%
<b>Household Income</b>	Less than \$15,000	14%	*	*	*
	\$15,000-\$24,999	12%	*	*	*
	\$25,000-\$34,999	9%	*	*	*
	\$35,000-\$49,999	8%	*	*	*
	\$50,000-\$74,999	7%	*	*	*
	\$75,000+	5%	5%	4%	*
<b>Education</b>	Less than High School, G.E.D.	13%	*	*	*
	High School, G.E.D.	10%	12%	9%	9%
	Some Post-High School	8%	8%	7%	8%
	College Graduate	6%	5%	6%	7%
<b>Employment Status</b>	Employed for Wages	6%	6%	6%	6%
	Self-employed	5%	*	*	*
	Unemployed	10%	*	*	*
	Homemaker	6%	*	*	*
	Student	1%	*	*	*
	Retired	18%	20%	15%	19%
	Unable to Work	26%	*	*	*
<b>Marital Status</b>	Married/Unmarried Couple	9%	10%	7%	9%
	Divorced/Separated	11%	*	*	*
	Widowed	19%	*	*	*
	Never Married	5%	*	*	*
<b>Home Ownership Status</b>	Own Home	9%	9%	8%	9%
	Rent Home	10%	11%	9%	10%
<b>Children Status</b>	Children in Household (Ages 18-44)	3%	3%	2%	*
	No Children in Household (Ages 18-44)	3%	*	*	*
<b>Phone Status</b>	Landline	10%	10%	10%	12%
	Cell Phone	6%	*	5%	6%
<b>Pregnancy Status</b>	Pregnant (Ages 18-44)	2%	*	*	*
	Not Pregnant (Ages 18-44)	3%	*	*	*

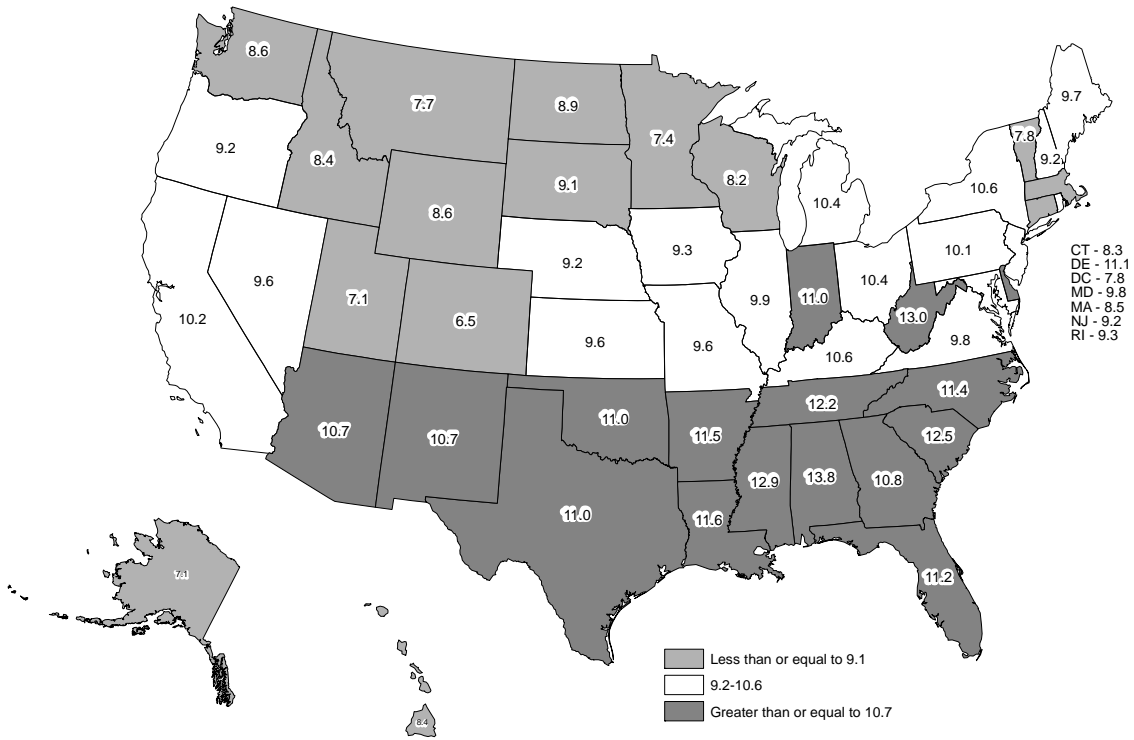
Note: \*Results based on small sample sizes have been suppressed.

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

### **National Statistics**

The national median for respondents who have diabetes was 9.7 percent, as shown in Figure 29 on the next page. South Dakota had 9.1 percent of respondents who have diabetes. Colorado had the lowest percent of respondents who have diabetes with 6.5 percent, while Alabama had the highest with 13.8 percent.

**Figure 29**  
**Nationally, Respondents Who Were Told They Have Diabetes, 2013**



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

**Further Analysis**

The following data show the percent of those told they have diabetes for various health behaviors and conditions. For example, 20 percent of respondents who reported they have high blood pressure also have diabetes, while four percent of respondents who reported they do not have high blood pressure have diabetes.

<b>Health Behavior or Condition</b>	<b>% Diagnosed with Diabetes</b>
Underweight (BMI < 18.5)	3%
Recommended (BMI = 18.5-24.9)	3%
Overweight (BMI = 25.0-29.9)	7%
Obese - Class I (BMI = 30.0-34.9)	15%
Obese - Classes II & III (BMI = 35.0+)	20%
Leisure Time Exercise	8%
No Leisure Time Exercise	13%
Met Physical Activity Recommendations	8%
Did Not Meet Physical Activity Recommendations	11%
2+ Servings of Fruit per Day	11%
< 2 Servings of Fruit per Day	9%
3+ Servings of Vegetables per Day	9%
< 3 Servings of Vegetables per Day	9%
5+ Servings of Fruits and Vegetables per Day	11%
< 5 Servings of Fruits and Vegetables per Day	9%

<b>Table 29 (continued)</b>	
<b>Diagnosed with Diabetes for Selected Health Behaviors and Conditions, 2011-2013</b>	
<b>Health Behavior or Condition</b>	<b>% Diagnosed with Diabetes</b>
Current Smoker	8%
Former Smoker	12%
Never Smoked	7%
Smokeless Tobacco	6%
No Smokeless Tobacco	9%
Heard of "South Dakota QuitLine"	9%
Not Heard of "South Dakota QuitLine"	12%
High Blood Pressure	20%
No High Blood Pressure	4%
High Blood Cholesterol	21%
No High Blood Cholesterol	7%
Health Insurance (18-64)	6%
No Health Insurance (18-64)	7%
Employer Based Coverage (18-64)	5%
Private Health Plan (18-64)	4%
Medicare (18-64)	24%
Medicaid or Medical Assistance (18-64)	6%
The Military, CHAMPUS, TriCare, or the VA (18-64)	9%
The Indian Health Service (18-64)	15%
Flu Shot (65+)	22%
No Flu Shot (65+)	13%
Pneumonia Shot (65+)	22%
No Pneumonia Shot (65+)	12%
Previously Had Heart Attack	30%
Never Had Heart Attack	8%
Have Angina or Coronary Heart Disease	31%
Do Not Have Angina or Coronary Heart Disease	8%
Previously Had a Stroke	29%
Never Had a Stroke	8%
Cancer	15%
No Cancer	8%
Skin Cancer	15%
No Skin Cancer	8%
Current Asthma	14%
Former Asthma	10%
Never Had Asthma	8%
Arthritis	18%
No Arthritis	6%
COPD	22%
No COPD	8%
Depression	13%
No Depression	8%
Kidney Disease	32%
No Kidney Disease	8%
Severe Vision Impairment	24%
No Severe Vision Impairment	9%
Recent Increased Confusion/Memory Loss	17%
No Recent Increased Confusion/Memory Loss	9%
< 6 Hours of Sleep	14%
6+ Hours of Sleep	9%

<b>Table 29 (continued)</b>	
<b>Diagnosed with Diabetes for Selected Health Behaviors and Conditions, 2011-2013</b>	
<b>Health Behavior or Condition</b>	<b>% Diagnosed with Diabetes</b>
Always/Almost Always Wear Seat Belt	9%
Sometimes/Seldom/Never Wear Seat Belt	9%
Drank Alcohol in Past 30 Days	6%
Did Not Drink Alcohol in Past 30 Days	13%
Binge Drinker	4%
Not a Binge Drinker	10%
Heavy Drinker	4%
Not a Heavy Drinker	9%
Good/Very Good/Excellent Health Status	6%
Fair/Poor Health Status	25%
Physical Health Not Good for 0-29 Days of the Past 30	8%
Physical Health Not Good for 30 Days of the Past 30	24%
Mental Health Not Good for 0-19 Days of the Past 30	8%
Mental Health Not Good for 20-30 Days of the Past 30	13%
Usual Activities Unattainable for 0-9 Days of the Past 30	8%
Usual Activities Unattainable for 10-30 Days of the Past 30	20%
Physical, Mental, or Emotional Problems	17%
No Physical, Mental, or Emotional Problems	7%
Disability with Special Equipment Needed	26%
No Disability with Special Equipment Needed	7%
< 2 Hours of TV per Day	5%
2+ Hours of TV per Day	11%
Been Tested for HIV (18-64)	7%
Never Been Tested for HIV (18-64)	9%

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