

# Cardiovascular Disease

## PREVIOUSLY HAD A HEART ATTACK

**Definition:** Respondents who answered “yes” to the question: “Has a doctor, nurse, or other health professional ever told you that you had a heart attack, also called a myocardial infarction?”

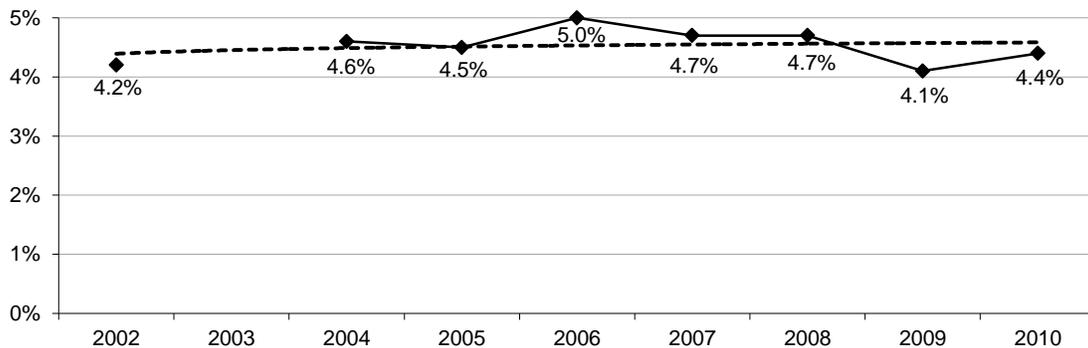
### Prevalence of previously had a heart attack

- South Dakota 5%
- Nationwide median 4%

### Healthy People 2020 Objective

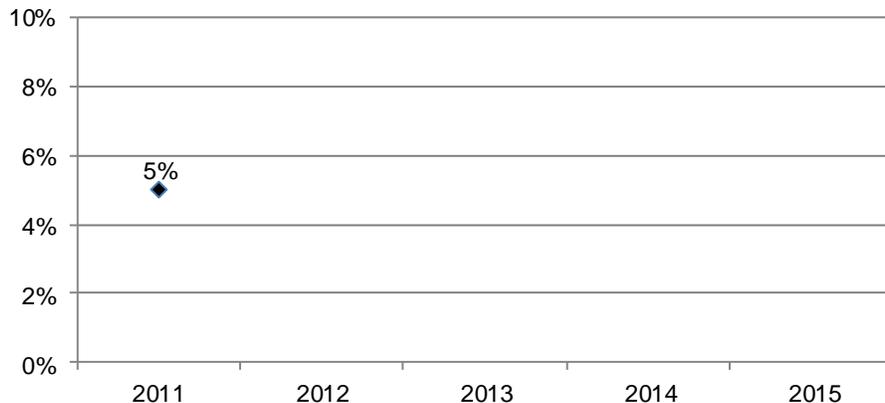
There was no comparable stated Healthy People 2020 Objective for previously had a heart attack.

**Figure 42**  
**Percent of Respondents Who Previously Had a Heart Attack, 2002, and 2004-2010**



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2002, and 2004-2010

**Figure 43**  
**Percent of Respondents Who Previously Had a Heart Attack, 2011**



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

**Table 31  
Respondents Who Previously Had a Heart Attack, 2011**

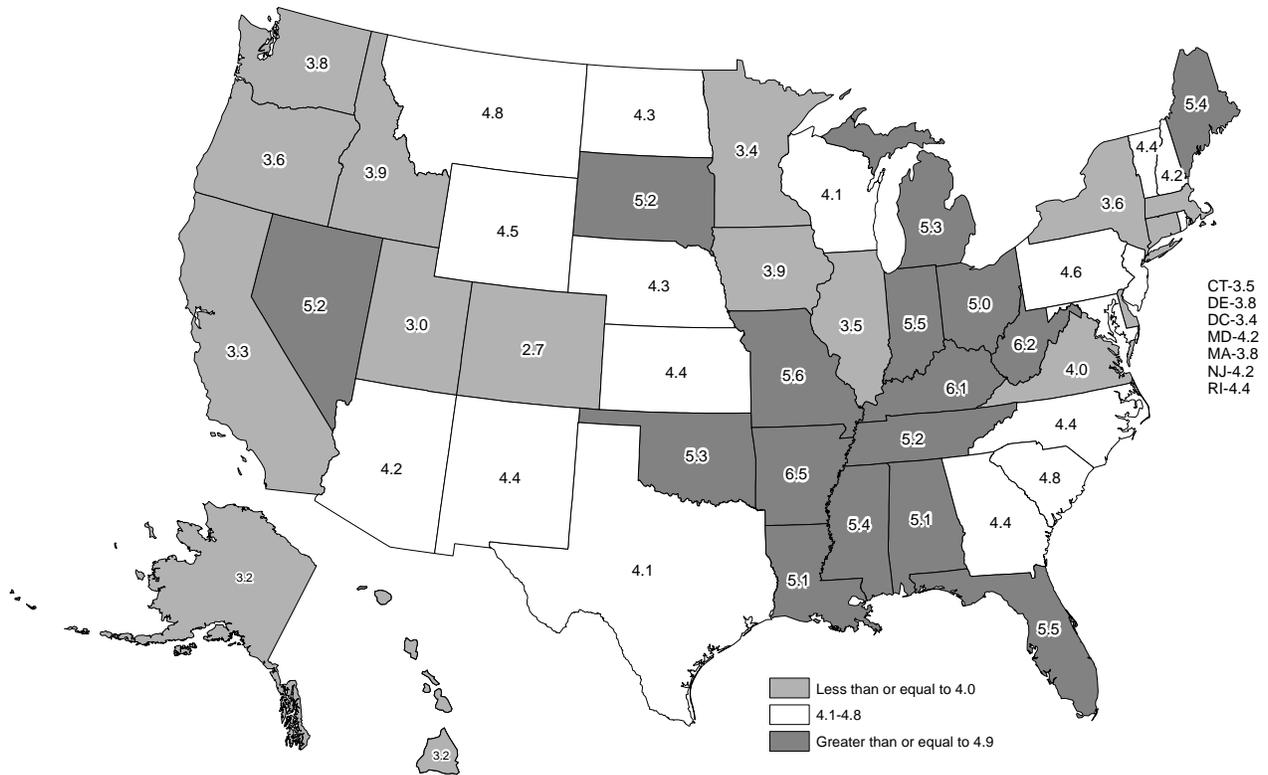
		# Resp.	% Previous Heart Attack	95% CI	
				Lower	Upper
<b>Total</b>		<b>8,224</b>	<b>5%</b>	<b>4%</b>	<b>6%</b>
<b>Gender</b>	Male	3,303	7%	6%	9%
	Female	4,921	3%	2%	4%
<b>Age</b>	18-44	2,218	1%	0%	2%
	45-64	3,231	5%	4%	7%
	65+	2,725	15%	13%	18%
<b>Race</b>	White	7,075	5%	5%	6%
	American Indian	849	5%	4%	7%
<b>Ethnicity</b>	Hispanic	105	5%	2%	11%
	Non-Hispanic	8,106	5%	4%	6%
<b>Household Income</b>	Less than \$25,000	1,994	8%	7%	11%
	\$25,000-\$49,999	2,106	5%	4%	7%
	\$50,000+	2,908	3%	2%	4%
<b>Education</b>	High School, G.E.D., or Less	3,208	8%	6%	9%
	Some Post-High School	2,409	3%	3%	5%
	College Graduate	2,593	3%	2%	4%
<b>Employment Status</b>	Employed for Wages	3,653	2%	2%	3%
	Self-employed	887	3%	2%	6%
	Unemployed	344	5%	2%	12%
	Homemaker	459	1%	1%	3%
	Student	184	0%	0%	1%
	Retired	2,296	16%	13%	19%
<b>Marital Status</b>	Unable to Work	389	13%	9%	20%
	Married/Unmarried Couple	4,795	5%	4%	6%
	Divorced/Separated	1,083	7%	5%	11%
	Widowed	1,242	13%	10%	16%
<b>Home Ownership Status</b>	Never Married	1,092	1%	1%	3%
	Own Home	6,236	5%	4%	6%
<b>Children Status</b>	Rent Home	1,674	5%	4%	6%
	Children in Household (Ages 18-44)	1,513	1%	0%	2%
<b>Phone Status</b>	No Children in Household (Ages 18-44)	702	1%	0%	3%
	Landline	7,218	6%	5%	7%
	Cell Phone	1,006	3%	2%	5%

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

### **National Statistics**

The national median for respondents who previously had a heart attack was 4.4 percent, as shown in Figure 44 on the next page. South Dakota had 5.2 percent of respondents who have previously had a heart attack. Colorado had the lowest percent of respondents who previously had a heart attack with 2.7 percent, while Arkansas had the highest with 6.5 percent.

**Figure 44**  
**Nationally, Respondents Who Previously Had a Heart Attack, 2011**



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

**Further Analysis**

The following data show the percent of those who previously had a heart attack for various health behaviors and conditions. For example, 16 percent of respondents who stated they have fair or poor health status had a heart attack, while 3 percent of respondents who stated they have excellent, very good, or good health status had a heart attack.

Health Behavior or Condition	# Respondents	% Previous Heart Attack	95% CI	
			Lower	Upper
Underweight (BMI < 18.5)	104	4%	1%	10%
Recommended (BMI = 18.5-24.9)	2,461	3%	2%	5%
Overweight (BMI = 25.0-29.9)	2,936	6%	5%	8%
Obese - Class I (BMI = 30.0-34.9)	1,509	7%	5%	9%
Obese - Classes II & III (BMI = 35.0+)	777	8%	5%	12%
Leisure Time Exercise	5,772	4%	4%	5%
No Leisure Time Exercise	2,238	8%	6%	9%
Meet Aerobic Recommendations	3,727	5%	4%	6%
Did Not Meet Aerobic Recommendations	4,082	6%	5%	7%
At Least Five Servings of Fruits and Vegetables	1,040	5%	3%	7%
Less Than Five Servings of Fruits and Vegetables	6,971	5%	4%	6%
Current Smoker	1,471	4%	3%	5%
Former Smoker	2,466	10%	8%	12%
Never Smoked	4,259	4%	3%	5%
Smokeless Tobacco	406	3%	2%	6%
No Smokeless Tobacco	7,818	5%	5%	6%
Diabetes	998	18%	14%	22%
No Diabetes	7,218	4%	3%	5%

**Table 32 (continued)**  
**Previously Had a Heart Attack for Selected Health Behaviors and Conditions, 2011**

Health Behavior or Condition	# Respondents	% Previous Heart Attack	95% CI	
			Lower	Upper
High Blood Pressure	3,205	11%	9%	13%
No High Blood Pressure	5,004	3%	2%	4%
High Blood Cholesterol	2,859	11%	9%	13%
No High Blood Cholesterol	4,031	4%	3%	5%
Flu Shot (65+)	1,858	19%	15%	22%
No Flu Shot (65+)	773	7%	5%	10%
Pneumonia Shot (65+)	1,737	19%	16%	23%
No Pneumonia Shot (65+)	808	9%	6%	13%
Drank Alcohol in Past 30 Days	4,240	3%	2%	4%
Did Not Drink Alcohol in Past 30 Days	3,667	8%	7%	10%
Binge Drinker	1,208	1%	1%	3%
Not a Binge Drinker	6,658	6%	5%	7%
Heavy Drinker	403	3%	1%	8%
Not a Heavy Drinker	7,437	5%	5%	6%
Always/Almost Always Wear Seat Belt	6,749	5%	4%	6%
Sometimes/Seldom/Never Wear Seat Belt	1,196	5%	4%	8%
Have Angina or Coronary Heart Disease	528	48%	41%	56%
Do Not Have Angina or Coronary Heart Disease	7,632	3%	2%	4%
Previously Had a Stroke	302	27%	20%	37%
Never Had a Stroke	7,908	5%	4%	5%
Cancer	1,355	11%	9%	14%
No Cancer	6,838	4%	4%	5%
Skin Cancer	756	13%	9%	18%
No Skin Cancer	7,448	5%	4%	6%
Current Asthma	635	7%	5%	11%
Former Asthma	254	8%	3%	18%
Never Had Asthma	7,288	5%	4%	6%
Arthritis	2,565	10%	9%	13%
No Arthritis	5,620	4%	3%	5%
COPD	553	16%	12%	22%
No COPD	7,646	5%	4%	5%
Depression	1,308	6%	4%	8%
No Depression	6,889	5%	4%	6%
Kidney Disease	249	25%	17%	34%
No Kidney Disease	7,955	5%	4%	6%
Vision Impairment	1,755	11%	9%	14%
No Vision Impairment	6,430	4%	3%	5%
Good/Very Good/Excellent Health Status	6,856	3%	3%	4%
Fair/Poor Health Status	1,359	16%	13%	19%
Physical Health Not Good for 0-29 Days of the Past 30	7,534	5%	4%	5%
Physical Health Not Good for 30 Days of the Past 30	543	16%	12%	22%
Mental Health Not Good for 0-19 Days of the Past 30	7,666	5%	4%	6%
Mental Health Not Good for 20-30 Days of the Past 30	429	4%	2%	8%
Usual Activities Unattainable for 0-9 Days of the Past 30	7,565	5%	4%	5%
Usual Activities Unattainable for 10-30 Days of the Past 30	580	12%	8%	16%
Physical, Mental, or Emotional Problems	2,299	11%	9%	14%
No Physical, Mental, or Emotional Problems	5,669	3%	3%	4%
Disability with Special Equipment Needed	806	18%	13%	23%
No Disability with Special Equipment Needed	7,173	4%	4%	5%
Been Tested for HIV (18-64)	1,582	4%	2%	6%
Never Been Tested for HIV (18-64)	6,133	6%	5%	7%

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

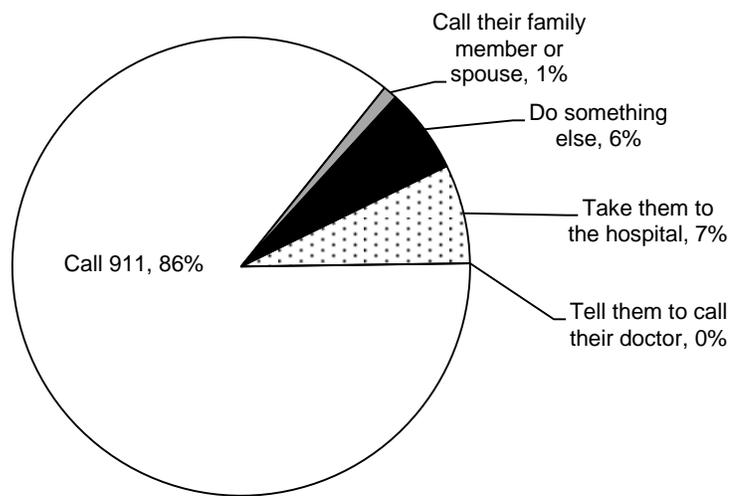
Table 33 displays respondents' opinions on the signs and symptoms of a heart attack. A majority of respondents, 97 percent, identified sudden chest pain or discomfort as a sign of a heart attack while only 36 percent thought sudden trouble seeing in one or both eyes was a sign of a heart attack.

<b>Signs</b>	<b>Yes</b>	<b>No</b>	<b>Don't know/ Not sure</b>
Sudden Chest Pain or Discomfort	97%	2%	1%
Pain or Discomfort in the Arms or Shoulder	91%	5%	4%
Shortness of Breath	88%	7%	5%
Feeling Weak, Lightheaded, or Faint	73%	16%	12%
Pain or Discomfort in the Jaw, Neck, or Back	64%	23%	14%
Sudden Trouble Seeing in One or Both Eyes	36%	35%	29%

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

Figure 45, below, displays the respondents' opinion on the first thing they would do if they thought someone was having a heart attack. Over three-fourths of the respondents stated they would call 911 first while 7 percent would take them to the hospital first.

**Figure 45  
Respondents' Opinion on the First Thing They Would Do if They Thought Someone Was Having a Heart Attack, 2011**



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

## ANGINA OR CORONARY HEART DISEASE

**Definition:** Respondents who answered “yes” to the question: “Has a doctor, nurse, or other health professional ever told you that you have angina or coronary heart disease?”

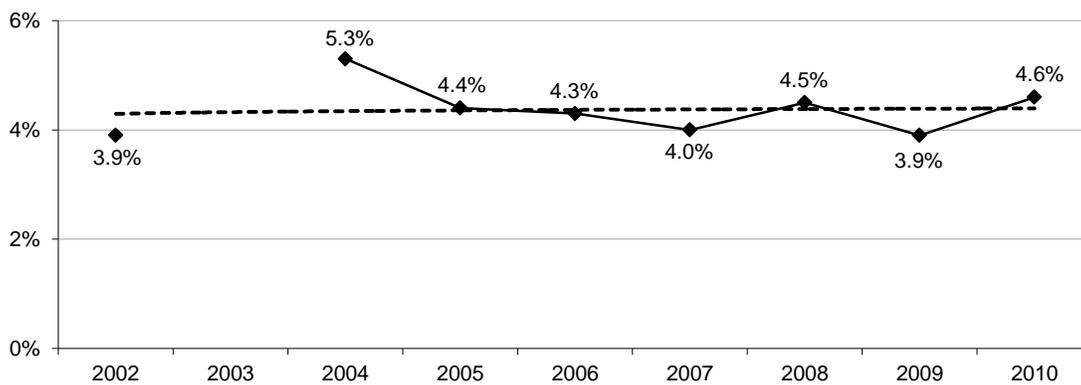
### Prevalence of angina or coronary heart disease

- South Dakota 4%
- Nationwide median 4%

### Healthy People 2020 Objective

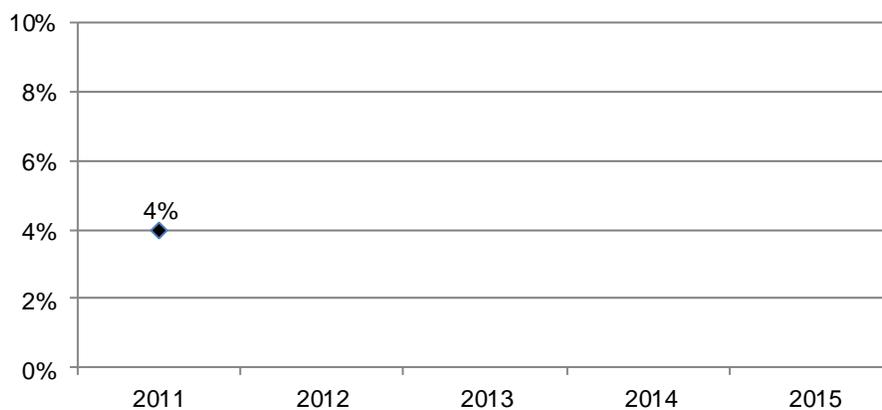
There was no comparable Healthy People 2020 Objective for having angina or coronary heart disease.

**Figure 46**  
**Percent of Respondents Who Have Angina or Coronary Heart Disease, 2002, and 2004-2010**



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2002, and 2004-2010

**Figure 47**  
**Percent of Respondents Who Have Angina or Coronary Heart Disease, 2011**



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

**Table 34**  
**Respondents Who Have Angina or Coronary Artery Disease, 2011**

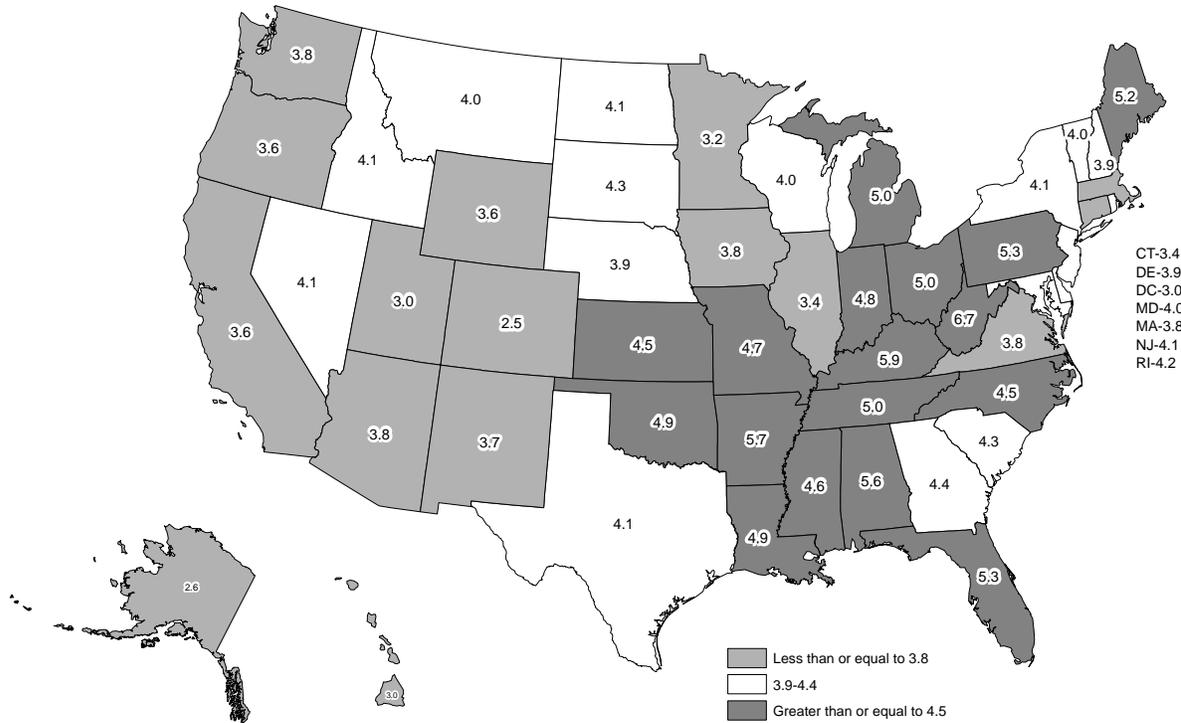
		# Resp.	% with Heart Disease	95% CI	
				Lower	Upper
<b>Total</b>		<b>8,192</b>	<b>4%</b>	<b>4%</b>	<b>5%</b>
<b>Gender</b>	Male	3,283	5%	4%	7%
	Female	4,909	3%	3%	4%
<b>Age</b>	18-44	2,221	1%	0%	2%
	45-64	3,224	5%	4%	6%
	65+	2,697	12%	10%	14%
<b>Race</b>	White	7,045	4%	4%	5%
	American Indian	851	4%	3%	6%
<b>Ethnicity</b>	Hispanic	103	4%	2%	11%
	Non-Hispanic	8,077	4%	4%	5%
<b>Household Income</b>	Less than \$25,000	1,989	6%	5%	8%
	\$25,000-\$49,999	2,096	5%	4%	7%
	\$50,000+	2,898	3%	2%	4%
<b>Education</b>	High School, G.E.D., or Less	3,188	6%	5%	7%
	Some Post-High School	2,405	3%	2%	4%
	College Graduate	2,585	3%	2%	5%
<b>Employment Status</b>	Employed for Wages	3,647	2%	1%	3%
	Self-employed	886	3%	2%	6%
	Unemployed	343	1%	1%	3%
	Homemaker	456	1%	1%	2%
	Student	184	0%	-	-
	Retired	2,273	12%	10%	15%
<b>Marital Status</b>	Unable to Work	391	15%	10%	22%
	Married/Unmarried Couple	4,778	4%	3%	5%
	Divorced/Separated	1,075	7%	5%	10%
	Widowed	1,235	13%	10%	17%
	Never Married	1,092	1%	0%	1%
	<b>Home Ownership Status</b>	Own Home	6,207	4%	4%
Rent Home		1,668	4%	3%	6%
<b>Children Status</b>	Children in Household (Ages 18-44)	1,514	1%	0%	2%
	No Children in Household (Ages 18-44)	704	1%	0%	3%
<b>Phone Status</b>	Landline	7,189	5%	4%	6%
	Cell Phone	1,003	2%	1%	3%

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

### **National Statistics**

The national median for respondents who have angina or coronary heart disease was 4.1 percent, as shown in Figure 48 on the next page. South Dakota had 4.3 percent of respondents who have angina or coronary heart disease. Colorado had the lowest percent of respondents who have angina or coronary heart disease with 2.5 percent, while West Virginia had the highest with 6.7 percent.

**Figure 48**  
**Nationally, Respondents Who Have Angina or Coronary Heart Disease, 2011**



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

**Further Analysis**

The following data show the percent of those who have angina or coronary heart disease for various health behaviors and conditions. For example, 9 percent of respondents who stated they were a former smoker have angina or coronary heart disease, while 3 percent of respondents who stated they never smoked have angina or coronary heart disease.

Health Behavior or Condition	# Respondents	% with Heart Disease	95% CI	
			Lower	Upper
Underweight (BMI < 18.5)	102	6%	2%	15%
Recommended (BMI = 18.5-24.9)	2,459	3%	2%	4%
Overweight (BMI = 25.0-29.9)	2,920	5%	4%	6%
Obese - Class I (BMI = 30.0-34.9)	1,497	6%	4%	8%
Obese - Classes II & III (BMI = 35.0+)	775	6%	4%	9%
Leisure Time Exercise	5,758	4%	3%	4%
No Leisure Time Exercise	2,222	7%	5%	8%
Meet Aerobic Recommendations	3,724	3%	3%	4%
Did Not Meet Aerobic Recommendations	4,055	5%	4%	6%
At Least Five Servings of Fruits and Vegetables	1,036	4%	3%	7%
Less Than Five Servings of Fruits and Vegetables	6,946	4%	4%	5%
Current Smoker	1,470	3%	2%	4%
Former Smoker	2,448	9%	7%	10%
Never Smoked	4,246	3%	2%	4%
Smokeless Tobacco	404	3%	1%	7%
No Smokeless Tobacco	7,788	4%	4%	5%
Diabetes	989	15%	12%	20%
No Diabetes	7,194	3%	3%	4%

**Table 35 (continued)**  
**Have Angina or Coronary Heart Disease for Selected Health Behaviors and Conditions,**  
**2011**

Health Behavior or Condition	# Respondents	% with Heart Disease	95% CI	
			Lower	Upper
High Blood Pressure	3,177	11%	9%	13%
No High Blood Pressure	5,000	1%	1%	2%
High Blood Cholesterol	2,841	11%	10%	14%
No High Blood Cholesterol	4,013	3%	2%	3%
Flu Shot (65+)	1,839	14%	12%	17%
No Flu Shot (65+)	767	7%	5%	10%
Pneumonia Shot (65+)	1,721	14%	12%	17%
No Pneumonia Shot (65+)	803	7%	5%	11%
Drank Alcohol in Past 30 Days	4,223	3%	2%	3%
Did Not Drink Alcohol in Past 30 Days	3,657	7%	6%	8%
Binge Drinker	1,206	1%	1%	2%
Not a Binge Drinker	6,633	5%	4%	6%
Heavy Drinker	402	1%	0%	2%
Not a Heavy Drinker	7,412	5%	4%	5%
Always/Almost Always Wear Seat Belt	6,734	5%	4%	5%
Sometimes/Seldom/Never Wear Seat Belt	1,182	3%	2%	5%
Previously Had Heart Attack	537	42%	35%	50%
Never Had Heart Attack	7,623	2%	2%	3%
Previously Had a Stroke	294	17%	11%	25%
Never Had a Stroke	7,883	4%	3%	5%
Cancer	1,346	12%	9%	16%
No Cancer	6,816	3%	3%	4%
Skin Cancer	750	12%	9%	17%
No Skin Cancer	7,423	4%	3%	5%
Current Asthma	636	7%	4%	11%
Former Asthma	256	4%	1%	10%
Never Had Asthma	7,252	4%	4%	5%
Arthritis	2,552	11%	9%	13%
No Arthritis	5,600	2%	2%	3%
COPD	549	13%	9%	19%
No COPD	7,617	4%	3%	4%
Depression	1,311	6%	4%	8%
No Depression	6,855	4%	3%	5%
Kidney Disease	248	24%	16%	33%
No Kidney Disease	7,924	4%	3%	5%
Vision Impairment	1,748	11%	9%	14%
No Vision Impairment	6,405	3%	2%	4%
Good/Very Good/Excellent Health Status	6,830	2%	2%	3%
Fair/Poor Health Status	1,353	15%	12%	19%
Physical Health Not Good for 0-29 Days of the Past 30	7,509	3%	3%	4%
Physical Health Not Good for 30 Days of the Past 30	537	19%	14%	26%
Mental Health Not Good for 0-19 Days of the Past 30	7,637	4%	3%	5%
Mental Health Not Good for 20-30 Days of the Past 30	429	8%	5%	14%
Usual Activities Unattainable for 0-9 Days of the Past 30	7,539	4%	3%	4%
Usual Activities Unattainable for 10-30 Days of the Past 30	576	12%	9%	18%
Physical, Mental, or Emotional Problems	2,280	12%	10%	14%
No Physical, Mental, or Emotional Problems	5,659	2%	2%	2%
Disability with Special Equipment Needed	806	18%	13%	23%
No Disability with Special Equipment Needed	7,144	3%	3%	4%
Been Tested for HIV (18-64)	1,580	3%	2%	5%
Never Been Tested for HIV (18-64)	6,110	5%	4%	5%

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

## PREVIOUSLY HAD A STROKE

**Definition:** Respondents who answered “yes” to the question: “Has a doctor, nurse, or other health professional ever told you that you had a stroke?”

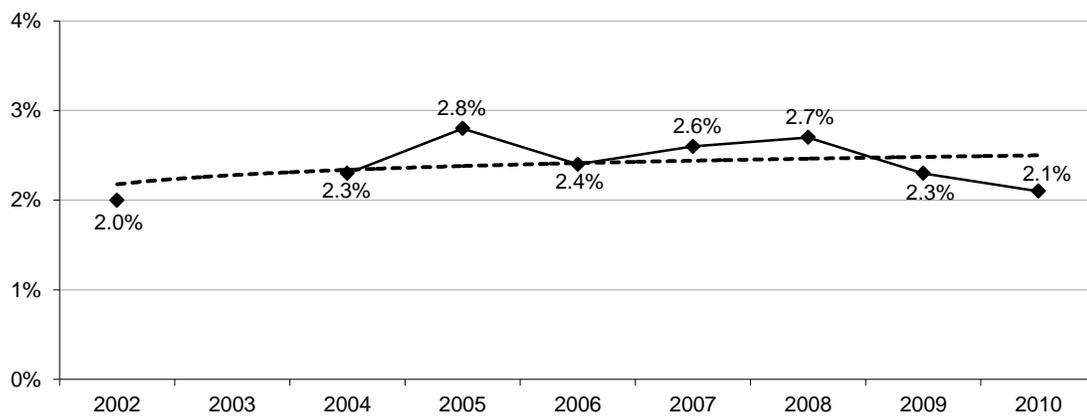
### Prevalence of previously had a stroke

- South Dakota 3%
- Nationwide median 3%

### Healthy People 2020 Objective

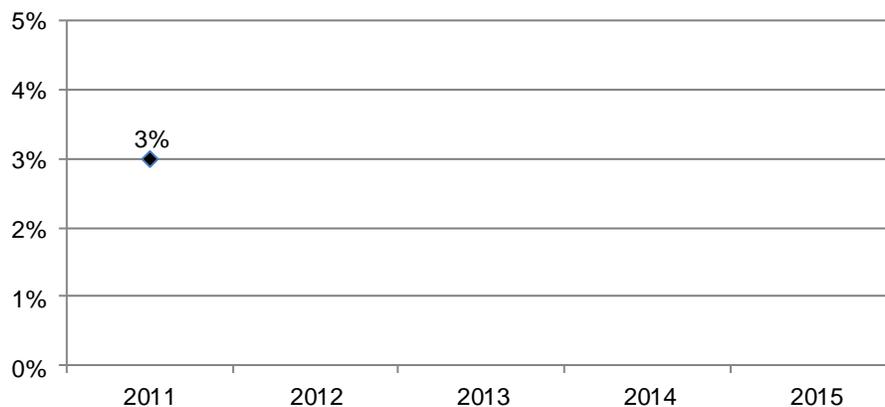
There was no comparable Healthy People 2020 Objective for previously had a stroke.

**Figure 49**  
**Percent of Respondents Who Have Previously Had a Stroke, 2002, and 2004-2010**



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2002, and 2004-2010

**Figure 50**  
**Percent of Respondents Who Have Previously Had a Stroke, 2011**



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

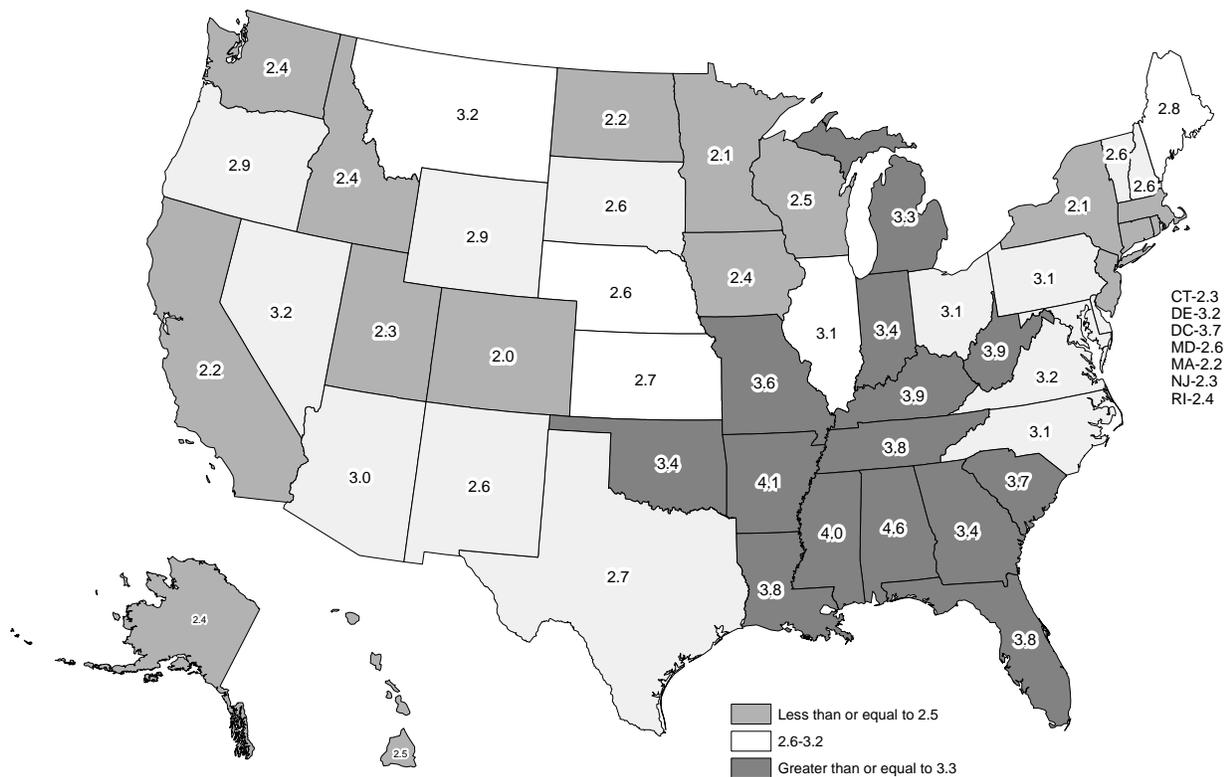
<b>Table 36</b>					
<b>Respondents Who Previously Had a Stroke, 2011</b>					
		<b>#</b>	<b>% Had</b>	<b>95% CI</b>	
		<b>Resp.</b>	<b>Stroke</b>	<b>Lower</b>	<b>Upper</b>
<b>Total</b>		<b>8,242</b>	<b>3%</b>	<b>2%</b>	<b>3%</b>
<b>Gender</b>	Male	3,311	2%	2%	3%
	Female	4,931	3%	2%	4%
<b>Age</b>	18-44	2,220	1%	0%	2%
	45-64	3,234	2%	1%	3%
	65+	2,738	8%	6%	10%
<b>Race</b>	White	7,084	3%	2%	3%
	American Indian	858	4%	2%	9%
<b>Ethnicity</b>	Hispanic	106	1%	1%	3%
	Non-Hispanic	8,124	3%	2%	3%
<b>Household Income</b>	Less than \$25,000	2,006	6%	5%	8%
	\$25,000-\$49,999	2,107	2%	1%	2%
	\$50,000+	2,908	1%	0%	2%
<b>Education</b>	High School, G.E.D., or Less	3,224	3%	3%	5%
	Some Post-High School	2,414	3%	2%	4%
	College Graduate	2,591	1%	1%	2%
<b>Employment Status</b>	Employed for Wages	3,655	1%	1%	2%
	Self-employed	890	1%	0%	2%
	Unemployed	341	1%	0%	1%
	Homemaker	463	2%	1%	4%
	Student	184	1%	0%	6%
	Retired	2,304	7%	5%	8%
	Unable to Work	393	14%	9%	22%
<b>Marital Status</b>	Married/Unmarried Couple	4,799	2%	1%	2%
	Divorced/Separated	1,086	6%	4%	9%
	Widowed	1,251	8%	5%	12%
	Never Married	1,094	1%	1%	3%
<b>Home Ownership Status</b>	Own Home	6,248	2%	1%	3%
	Rent Home	1,677	5%	3%	7%
<b>Children Status</b>	Children in Household (Ages 18-44)	1,515	1%	0%	1%
	No Children in Household (Ages 18-44)	702	1%	0%	3%
<b>Phone Status</b>	Landline	7,236	3%	2%	4%
	Cell Phone	1,006	1%	1%	3%

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

### **National Statistics**

The national median for respondents who previously had a stroke was 2.9 percent, as shown in Figure 51 on the next page. South Dakota had 2.6 percent of respondents who previously had a stroke. Colorado had the lowest percent of respondents who previously had a stroke with two percent, while Alabama had the highest with 4.6 percent.

**Figure 51**  
**Nationally, Respondents Who Previously Had a Stroke, 2011**



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

### **Further Analysis**

The following data show the percent of those who previously had a stroke for various health behaviors and conditions. For example, 9 percent of respondents who stated they have diabetes previously had a stroke, while 2 percent of respondents who stated they do not have diabetes previously had a stroke.

<b>Table 37</b>				
<b>Previously Had a Stroke for Selected Health Behaviors and Conditions, 2011</b>				
<b>Health Behavior or Condition</b>	<b># Respondents</b>	<b>% Had Stroke</b>	<b>95% CI</b>	
			<b>Lower</b>	<b>Upper</b>
Underweight (BMI < 18.5)	103	4%	2%	12%
Recommended (BMI = 18.5-24.9)	2,470	3%	2%	4%
Overweight (BMI = 25.0-29.9)	2,937	2%	2%	3%
Obese - Class I (BMI = 30.0-34.9)	1,513	3%	2%	5%
Obese - Classes II & III (BMI = 35.0+)	779	2%	1%	4%
Leisure Time Exercise	5,783	2%	2%	3%
No Leisure Time Exercise	2,245	4%	3%	5%
Meet Aerobic Recommendations	3,735	2%	1%	3%
Did Not Meet Aerobic Recommendations	4,090	3%	2%	4%
At Least Five Servings of Fruits and Vegetables	1,042	3%	2%	8%
Less Than Five Servings of Fruits and Vegetables	6,986	2%	2%	3%
Current Smoker	1,474	2%	1%	4%
Former Smoker	2,475	3%	2%	5%
Never Smoked	4,264	2%	2%	3%

**Table 37 (continued)  
Previously Had a Stroke for Selected Health Behaviors and Conditions, 2011**

Health Behavior or Condition	# Respondents	% Had Stroke	95% CI	
			Lower	Upper
Smokeless Tobacco	406	1%	0%	2%
No Smokeless Tobacco	7,836	3%	2%	3%
Diabetes	1,003	9%	6%	13%
No Diabetes	7,230	2%	2%	3%
High Blood Pressure	3,216	6%	5%	7%
No High Blood Pressure	5,011	1%	1%	2%
High Blood Cholesterol	2,867	5%	4%	7%
No High Blood Cholesterol	4,034	2%	1%	3%
Flu Shot (65+)	1,870	9%	6%	12%
No Flu Shot (65+)	774	6%	4%	10%
Pneumonia Shot (65+)	1,745	8%	6%	10%
No Pneumonia Shot (65+)	812	6%	4%	10%
Drank Alcohol in Past 30 Days	4,237	1%	1%	1%
Did Not Drink Alcohol in Past 30 Days	3,687	5%	4%	6%
Binge Drinker	1,209	1%	0%	1%
Not a Binge Drinker	6,674	3%	3%	4%
Heavy Drinker	404	1%	0%	3%
Not a Heavy Drinker	7,453	3%	2%	3%
Always/Almost Always Wear Seat Belt	6,763	3%	2%	4%
Sometimes/Seldom/Never Wear Seat Belt	1,199	2%	1%	3%
Previously Had Heart Attack	564	14%	10%	19%
Never Had Heart Attack	7,646	2%	2%	3%
Have Angina or Coronary Heart Disease	534	10%	7%	15%
Do Not Have Angina or Coronary Heart Disease	7,643	2%	2%	3%
Cancer	1,361	7%	4%	10%
No Cancer	6,850	2%	2%	3%
Skin Cancer	759	4%	3%	7%
No Skin Cancer	7,463	2%	2%	3%
Current Asthma	639	6%	3%	11%
Former Asthma	255	5%	2%	14%
Never Had Asthma	7,299	2%	2%	3%
Arthritis	2,574	6%	5%	8%
No Arthritis	5,628	1%	1%	2%
COPD	558	11%	7%	17%
No COPD	7,656	2%	2%	3%
Depression	1,310	6%	4%	9%
No Depression	6,906	2%	1%	2%
Kidney Disease	251	11%	6%	18%
No Kidney Disease	7,972	2%	2%	3%
Vision Impairment	1,764	8%	6%	10%
No Vision Impairment	6,439	2%	1%	2%
Good/Very Good/Excellent Health Status	6,865	2%	1%	2%
Fair/Poor Health Status	1,368	8%	6%	12%
Physical Health Not Good for 0-29 Days of the Past 30	7,549	2%	2%	3%
Physical Health Not Good for 30 Days of the Past 30	543	12%	7%	19%
Mental Health Not Good for 0-19 Days of the Past 30	7,682	2%	2%	3%
Mental Health Not Good for 20-30 Days of the Past 30	430	6%	3%	13%
Usual Activities Unattainable for 0-9 Days of the Past 30	7,581	2%	2%	3%
Usual Activities Unattainable for 10-30 Days of the Past 30	580	9%	6%	15%
Physical, Mental, or Emotional Problems	2,305	7%	5%	9%
No Physical, Mental, or Emotional Problems	5,682	1%	1%	2%
Disability with Special Equipment Needed	814	16%	11%	22%
No Disability with Special Equipment Needed	7,183	2%	1%	2%
Been Tested for HIV (18-64)	1,581	2%	1%	4%
Never Been Tested for HIV (18-64)	6,151	3%	2%	3%

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