

# Tobacco Use

## CIGARETTE SMOKING

**Definition:** Respondents who report having smoked at least 100 cigarettes in their lifetime and now smoke every day or smoke some days.

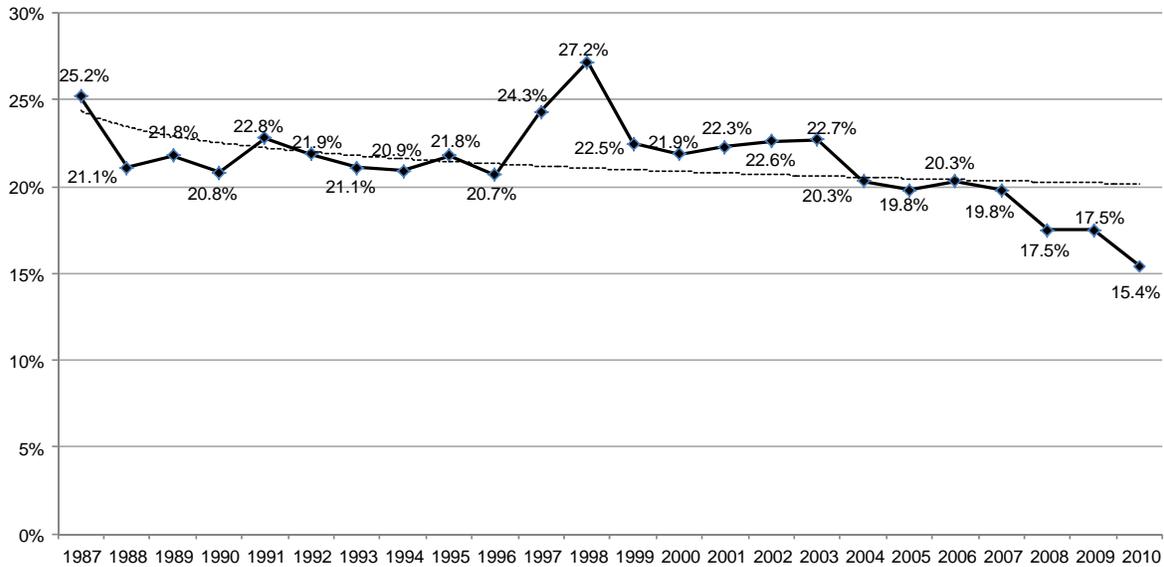
### Prevalence of Current Cigarette Smoking

- South Dakota 22%
- Nationwide median 20%

### South Dakota Department of Health 2020 Initiative

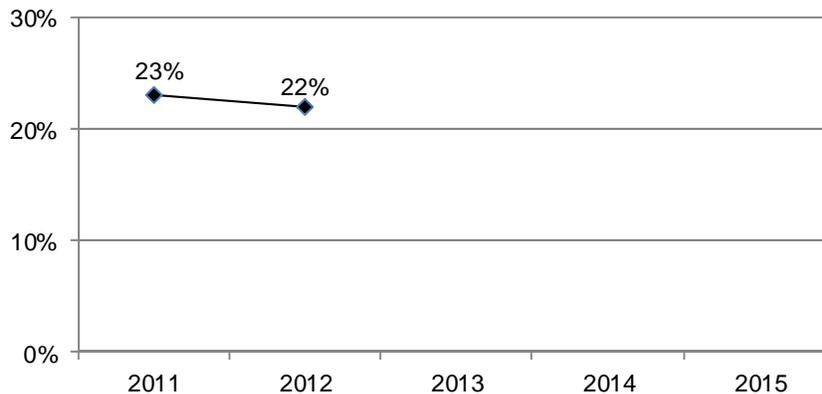
Reduce the percent of adults who smoke cigarettes to 19 percent.

**Figure 12**  
**Percent of Respondents Who Currently Smoke Cigarettes, 1987-2010**



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 1987-2010

**Figure 13**  
**Percent of Respondents Who Currently Smoke Cigarettes, 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

<b>Table 12</b>				
<b>Respondents Who Currently Smoke Cigarettes, 2011-2012</b>				
		<b>2011-2012</b>	<b>2011</b>	<b>2012</b>
<b>Total</b>		<b>22%</b>	<b>23%</b>	<b>22%</b>
<b>Gender</b>	Male	25%	24%	25%
	Female	20%	22%	19%
<b>Age</b>	18-44	29%	30%	27%
	45-64	22%	21%	23%
	65+	9%	10%	9%
<b>Race</b>	White	20%	21%	19%
	American Indian	49%	*	*
<b>Ethnicity</b>	Hispanic	28%	*	*
	Non-Hispanic	22%	23%	22%
<b>Household Income</b>	Less than \$25,000	34%	32%	36%
	\$25,000-\$49,999	25%	25%	24%
	\$50,000+	14%	14%	14%
<b>Education</b>	High School, G.E.D., or Less	30%	29%	30%
	Some Post-High School	22%	24%	20%
	College Graduate	10%	10%	10%
<b>Employment Status</b>	Employed for Wages	24%	24%	24%
	Self-employed	17%	*	*
	Unemployed	50%	*	*
	Homemaker	19%	*	*
	Student	17%	*	*
	Retired	9%	9%	9%
<b>Marital Status</b>	Unable to Work	48%	*	*
	Married/Unmarried Couple	17%	18%	17%
	Divorced/Separated	40%	*	*
	Widowed	15%	*	*
<b>Home Ownership Status</b>	Never Married	31%	*	*
	Own Home	17%	18%	17%
<b>Children Status</b>	Rent Home	37%	37%	36%
	Children in Household (Ages 18-44)	28%	*	*
<b>Phone Status</b>	No Children in Household (Ages 18-44)	31%	*	*
	Landline	19%	21%	17%
<b>Pregnancy Status</b>	Cell Phone	31%	*	*
	Pregnant (Ages 18-44)	15%	*	*
	Not Pregnant (Ages 18-44)	28%	*	*

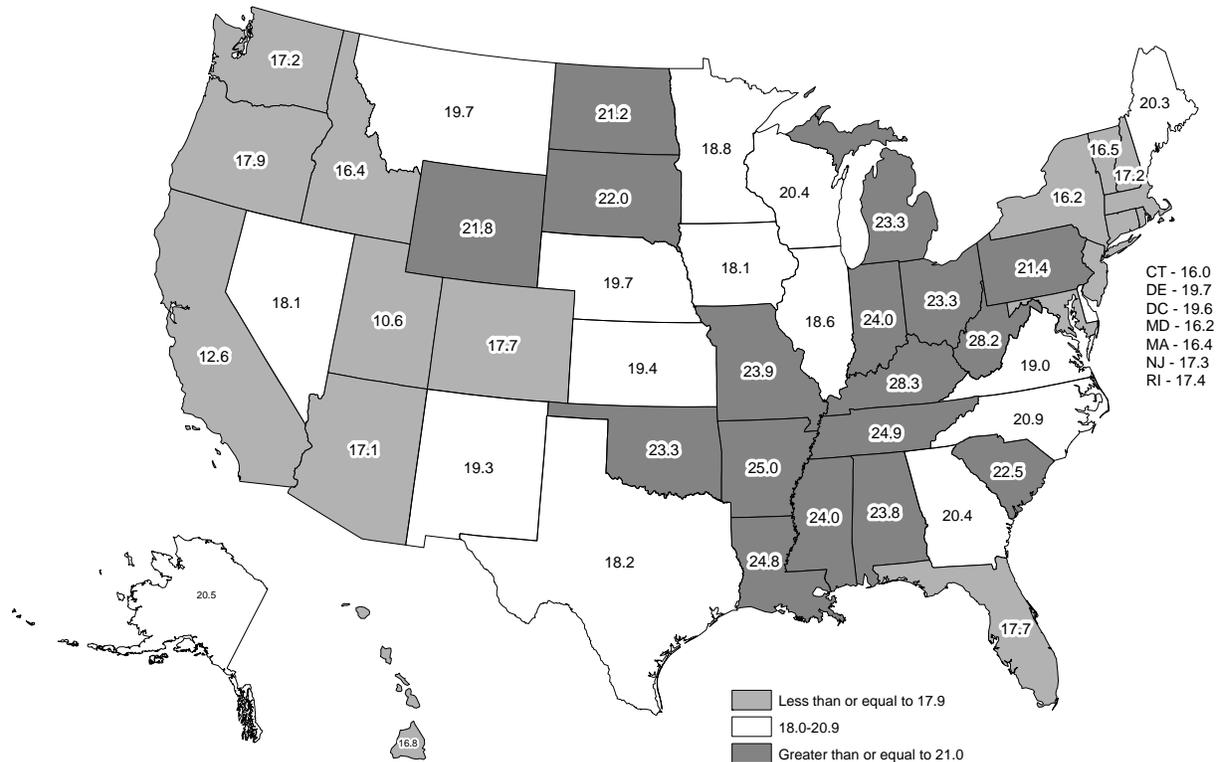
Note: \*Results based on small sample sizes have been suppressed.

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

## **National Statistics**

The national median for respondents who currently smoke cigarettes was 19.6 percent, as shown in Figure 14 on the next page. South Dakota had 22.0 percent of respondents who currently smoke cigarettes. Utah had the lowest percent of respondents who currently smoke cigarettes with 10.6 percent, while Kentucky had the highest with 28.3 percent.

**Figure 14**  
**Nationally, Respondents Who Currently Smoke Cigarettes, 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 currently smoke cigarettes for various health behaviors and conditions. For example, 45 percent of respondents who are heavy drinkers currently smoke cigarettes, while 20 percent of respondents who are not heavy drinkers currently smoke cigarettes.

<b>Health Behavior or Condition</b>	<b>% Currently Smoke Cigarettes</b>
Underweight (BMI < 18.5)	44%
Recommended (BMI = 18.5-24.9)	26%
Overweight (BMI = 25.0-29.9)	20%
Obese - Class I (BMI = 30.0-34.9)	20%
Obese - Classes II & III (BMI = 35.0+)	24%
Leisure Time Exercise	20%
No Leisure Time Exercise	29%
Smokeless Tobacco	31%
No Smokeless Tobacco	22%
Diabetes	22%
No Diabetes	23%
High Blood Pressure	19%
No High Blood Pressure	24%
Health Insurance (18-64)	22%
No Health Insurance (18-64)	45%

**Table 13 (continued)  
Currently Smoke Cigarettes for Selected Health Behaviors and  
Conditions, 2011-2012**

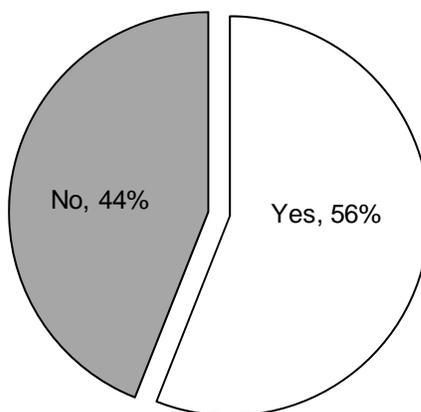
<b>Health Behavior or Condition</b>	<b>% Currently Smoke Cigarettes</b>
Employer Based Coverage (18-64)	18%
Private Health Plan (18-64)	13%
Medicare (18-64)	41%
Medicaid or Medical Assistance (18-64)	50%
The Military, CHAMPUS, TriCare, or the VA (18-64)	30%
The Indian Health Service (18-64)	56%
Breast Exam Within Past Two Years	17%
No Breast Exam Within Past Two Years	24%
Mammogram Within Past Two Years (40+)	13%
No Mammogram Within Past Two Years (40+)	26%
Pap Smear Within Past Three Years	19%
No Pap Smear Within Past Three Years	21%
Blood Stool Test Within Past Two Years (50+)	14%
No Blood Stool Test Within Past Two Years (50+)	16%
Ever Had a Sigmoidoscopy or Colonoscopy (50+)	11%
Never Had a Sigmoidoscopy or Colonoscopy (50+)	26%
PSA Test Within the Past Two Years (40+)	14%
No PSA Test Within the Past Two Years (40+)	24%
Flu Shot (65+)	8%
No Flu Shot (65+)	11%
Pneumonia Shot (65+)	9%
No Pneumonia Shot (65+)	11%
Previously Had Heart Attack	21%
Never Had Heart Attack	22%
Have Angina or Coronary Heart Disease	19%
Do Not Have Angina or Coronary Heart Disease	23%
Previously Had a Stroke	19%
Never Had a Stroke	22%
Cancer	17%
No Cancer	23%
Skin Cancer	12%
No Skin Cancer	23%
Current Asthma	26%
Former Asthma	28%
Never Had Asthma	22%
Arthritis	23%
No Arthritis	22%
COPD	39%
No COPD	21%
Depression	36%
No Depression	20%
Kidney Disease	22%
No Kidney Disease	22%
Vision Impairment	28%
No Vision Impairment	21%
Been to the Dentist in the Past Year	18%
Haven't Been to the Dentist in the Past Year	31%
Always/Almost Always Wear Seat Belt	19%
Sometimes/Seldom/Never Wear Seat Belt	38%

<b>Table 13 (continued)</b>	
<b>Currently Smoke Cigarettes for Selected Health Behaviors and Conditions, 2011-2012</b>	
<b>Health Behavior or Condition</b>	<b>% Currently Smoke Cigarettes</b>
Drank Alcohol in Past 30 Days	24%
Did Not Drink Alcohol in Past 30 Days	20%
Binge Drinker	38%
Not a Binge Drinker	18%
Heavy Drinker	45%
Not a Heavy Drinker	20%
< 3 Sweetened Beverages per Day	19%
3+ Sweetened Beverages per Day	52%
Good/Very Good/Excellent Health Status	21%
Fair/Poor Health Status	32%
Physical Health Not Good for 0-29 Days of the Past 30	22%
Physical Health Not Good for 30 Days of the Past 30	32%
Mental Health Not Good for 0-19 Days of the Past 30	21%
Mental Health Not Good for 20-30 Days of the Past 30	45%
Usual Activities Unattainable for 0-9 Days of the Past 30	21%
Usual Activities Unattainable for 10-30 Days of the Past 30	38%
Physical, Mental, or Emotional Problems	29%
No Physical, Mental, or Emotional Problems	21%
Disability with Special Equipment Needed	21%
No Disability with Special Equipment Needed	23%
Heard of "Healthy South Dakota" Program	20%
Not Heard of "Healthy South Dakota" Program	24%
Injured in a Fall in Past 12 Months (45+)	30%
Not Injured in a Fall in Past 12 Months (45+)	16%
Been Tested for HIV (18-64)	35%
Never Been Tested for HIV (18-64)	18%

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

In 2011-2012, the percentage of respondents who tried to stop smoking for one day or longer because they were trying to quit smoking was 56 percent as shown below in Figure 15.

**Figure 15**  
**Respondents Who Tried to Stop Smoking, Within the Past 12 Months, for One Day or Longer Because They Were Trying to Quit Smoking, 2011-2012**



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

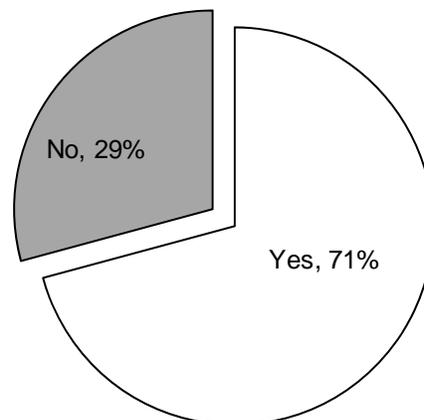
Table 14, below, shows the percent of current cigarette smokers for 2011-2012 by the type of health insurance they have. Those with Indian Health Service coverage had the highest percent of current smokers with 56 percent. This was followed by Medicaid or medical assistance with 50 percent and Medicare with 41 percent.

<b>Table 14 Percent of Current Cigarette Smoking by Type of Health Insurance, Ages 18-64, 2011-2012</b>	
<b>Type of Health Insurance</b>	<b>2011-2012</b>
The Indian Health Service	56%
Medicaid or Medical Assistance	50%
Medicare	41%
The Military, CHAMPUS, TriCare, or the VA	30%
Employer Based Coverage	18%
Private Health Insurance Plan	13%
None	45%

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

Figure 16, below, shows the percent of respondents who have been advised to quit smoking in the past 12 months by a health professional. In 2011-2012, 71 percent of respondents said they have been advised to quit smoking by a health professional.

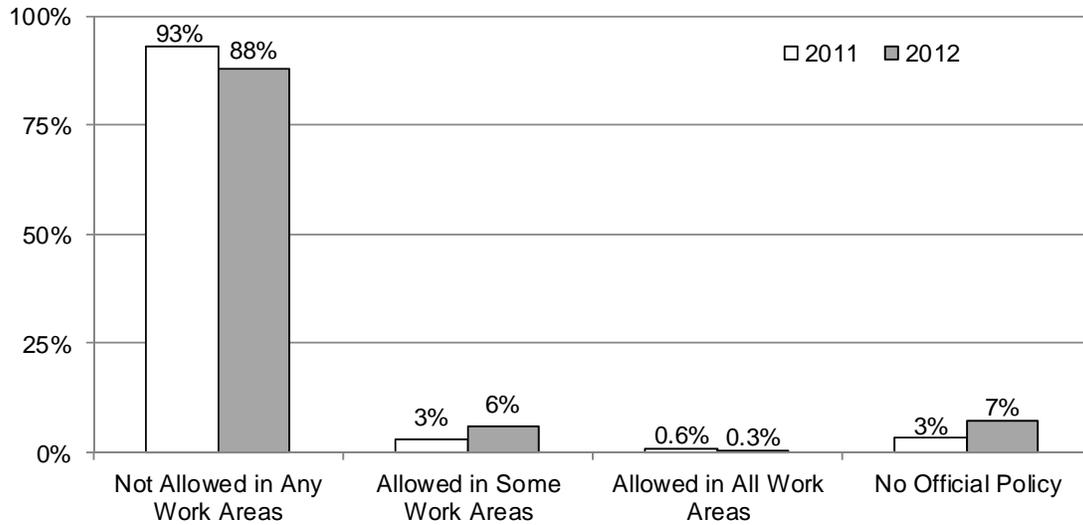
**Figure 16  
Percent of Respondents Who Have Been Advised by a Doctor, Nurse, or Other Health Professional to Quit Smoking in the Past 12 Months, 2011-2012**



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

Figure 17, on the next page, shows the respondents' place of work official smoking policy for work areas. The majority of respondents in 2012 stated that smoking was not allowed in any work areas with 88 percent.

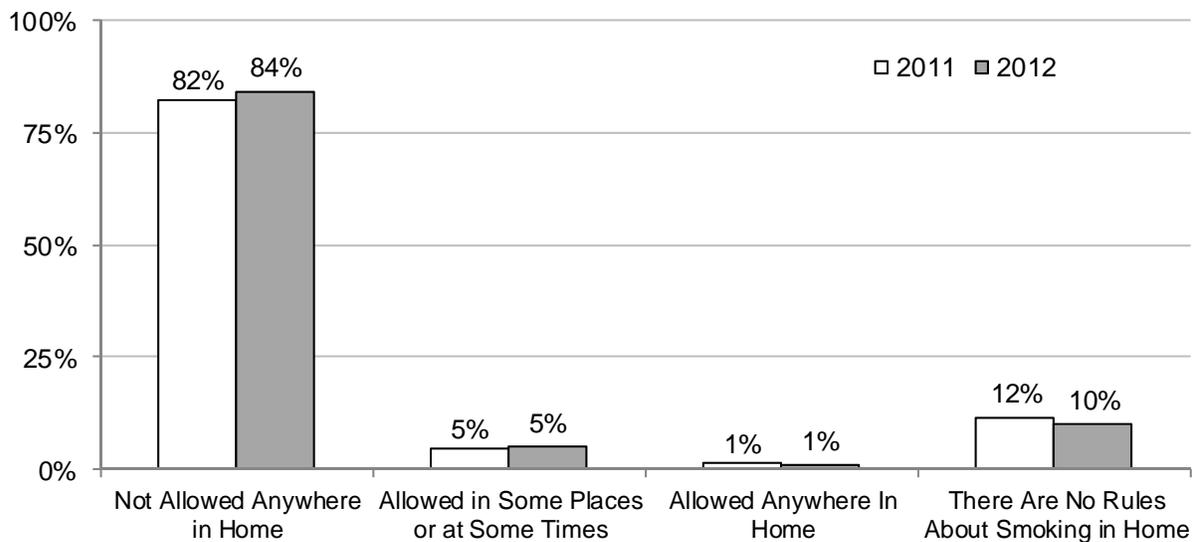
**Figure 17**  
**Respondents' Place of Work Smoking Policy, 2011-2012**



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

Figure 18, below, shows the respondents' rules about smoking inside their homes. The majority of respondents in 2012 stated that smoking was not allowed anywhere in their homes.

**Figure 18**  
**Respondents' Rules About Smoking Inside the Home, 2011-2012**



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

## **SMOKELESS TOBACCO**

**Definition:** Respondents who report that they use chewing tobacco or snuff every day or some days.

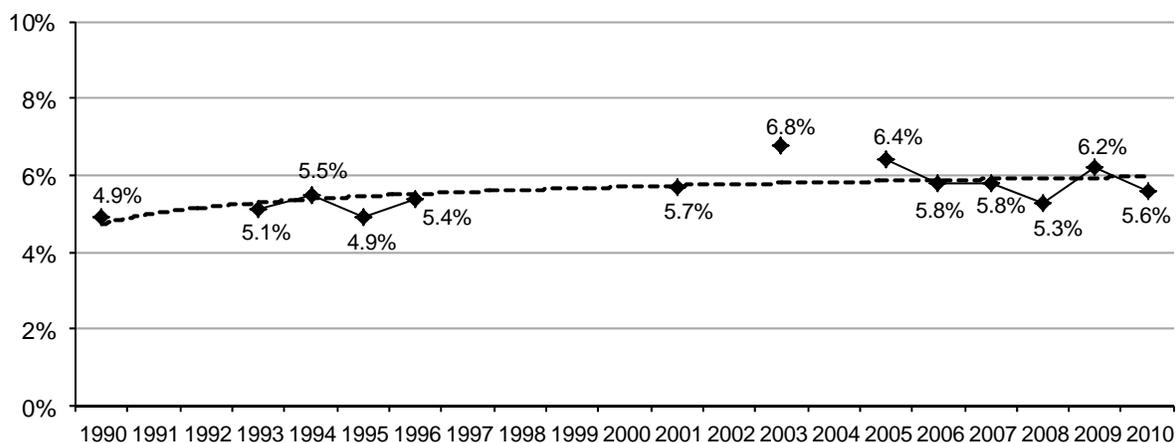
### **Prevalence of Smokeless Tobacco**

- South Dakota 6%
- There is no nationwide median for smokeless tobacco

### **Healthy People 2020 Objective**

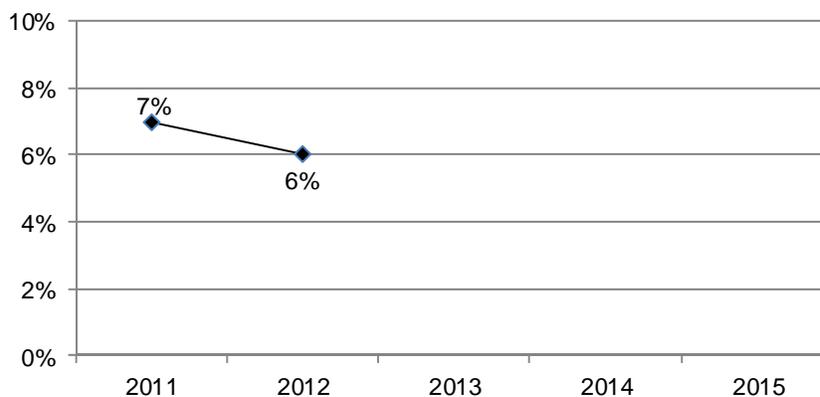
There was no stated Healthy People 2020 Objective for smokeless tobacco use.

**Figure 19**  
**Percent of Respondents Who Use Smokeless Tobacco,**  
**1990, 1993-1996, 2001, 2003, and 2005-2010**



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 1990, 1993-1996, 2001, 2003, and 2005-2010

**Figure 20**  
**Percent of Respondents Who Use Smokeless Tobacco, 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

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

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

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

### **Further Analysis**

The following data show the percent of those who currently use smokeless tobacco for various health behaviors and conditions. For example, 14 percent of respondents who are binge drinkers use smokeless tobacco, while 5 percent of respondents who are not binge drinkers use smokeless tobacco.

<b>Table 16</b>	
<b>Smokeless Tobacco Use for Selected Health Behaviors and Conditions, 2011-2012</b>	
<b>Health Behavior or Condition</b>	<b>% Use Smokeless Tobacco</b>
Underweight (BMI < 18.5)	2%
Recommended (BMI = 18.5-24.9)	5%
Overweight (BMI = 25.0-29.9)	8%
Obese - Class I (BMI = 30.0-34.9)	8%
Obese - Classes II & III (BMI = 35.0+)	7%

**Table 16 (continued)  
Smokeless Tobacco Use for Selected Health Behaviors and  
Conditions, 2011-2012**

<b>Health Behavior or Condition</b>	<b>% Use Smokeless Tobacco</b>
Leisure Time Exercise	6%
No Leisure Time Exercise	8%
Current Smoker	9%
Former Smoker	7%
Never Smoked	5%
Diabetes	4%
No Diabetes	7%
High Blood Pressure	5%
No High Blood Pressure	7%
Health Insurance (18-64)	7%
No Health Insurance (18-64)	10%
Employer Based Coverage (18-64)	6%
Private Health Plan (18-64)	10%
Medicare (18-64)	4%
Medicaid or Medical Assistance (18-64)	5%
The Military, CHAMPUS, TriCare, or the VA (18-64)	8%
The Indian Health Service (18-64)	13%
Breast Exam Within Past Two Years	0.4%
No Breast Exam Within Past Two Years	2%
Mammogram Within Past Two Years (40+)	0.4%
No Mammogram Within Past Two Years (40+)	0.2%
Pap Smear Within Past Three Years	1%
No Pap Smear Within Past Three Years	1%
Blood Stool Test Within Past Two Years (50+)	1%
No Blood Stool Test Within Past Two Years (50+)	2%
Ever Had a Sigmoidoscopy or Colonoscopy (50+)	2%
Never Had a Sigmoidoscopy or Colonoscopy (50+)	3%
PSA Test Within the Past Two Years (40+)	5%
No PSA Test Within the Past Two Years (40+)	10%
Flu Shot (65+)	1%
No Flu Shot (65+)	4%
Pneumonia Shot (65+)	2%
No Pneumonia Shot (65+)	3%
Previously Had Heart Attack	3%
Never Had Heart Attack	7%
Have Angina or Coronary Heart Disease	4%
Do Not Have Angina or Coronary Heart Disease	7%
Previously Had a Stroke	3%
Never Had a Stroke	7%
Cancer	3%
No Cancer	7%
Skin Cancer	3%
No Skin Cancer	7%
Current Asthma	7%
Former Asthma	8%
Never Had Asthma	7%
Arthritis	5%
No Arthritis	7%
COPD	6%
No COPD	7%

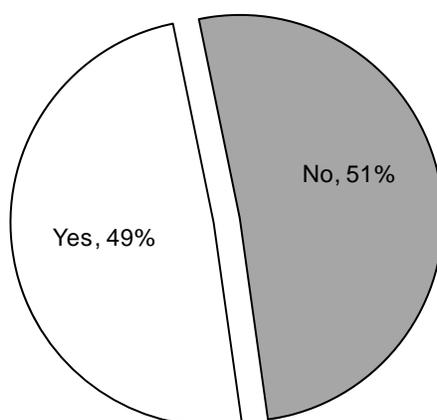
**Table 16 (continued)  
Smokeless Tobacco Use for Selected Health Behaviors and  
Conditions, 2011-2012**

<b>Health Behavior or Condition</b>	<b>% Use Smokeless Tobacco</b>
Depression	7%
No Depression	7%
Kidney Disease	3%
No Kidney Disease	7%
Vision Impairment	4%
No Vision Impairment	7%
Been to the Dentist in the Past Year	5%
Haven't Been to the Dentist in the Past Year	9%
Always/Almost Always Wear Seat Belt	5%
Sometimes/Seldom/Never Wear Seat Belt	15%
Drank Alcohol in Past 30 Days	8%
Did Not Drink Alcohol in Past 30 Days	5%
Binge Drinker	14%
Not a Binge Drinker	5%
Heavy Drinker	12%
Not a Heavy Drinker	6%
< 3 Sweetened Beverages per Day	6%
3+ Sweetened Beverages per Day	12%
Good/Very Good/Excellent Health Status	6%
Fair/Poor Health Status	7%
Physical Health Not Good for 0-29 Days of the Past 30	7%
Physical Health Not Good for 30 Days of the Past 30	5%
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	5%
Usual Activities Unattainable for 0-9 Days of the Past 30	7%
Usual Activities Unattainable for 10-30 Days of the Past 30	8%
Physical, Mental, or Emotional Problems	5%
No Physical, Mental, or Emotional Problems	7%
Disability with Special Equipment Needed	3%
No Disability with Special Equipment Needed	7%
Heard of "Healthy South Dakota" Program	5%
Not Heard of "Healthy South Dakota" Program	7%
Injured in a Fall in Past 12 Months (45+)	2%
Not Injured in a Fall in Past 12 Months (45+)	3%
Been Tested for HIV (18-64)	7%
Never Been Tested for HIV (18-64)	7%

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

Figure 21, below, shows the percent of respondents whose doctor, nurse, or other health professional advised them to stop using smokeless tobacco. A little under half, or 49 percent, of the respondents stated they were advised to quit using smokeless tobacco by a health professional.

**Figure 21**  
**Percent of Respondents Advised to Quit Using Smokeless Tobacco by a Doctor, Nurse, or Other Health Professional, 2011-2012**



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