

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.

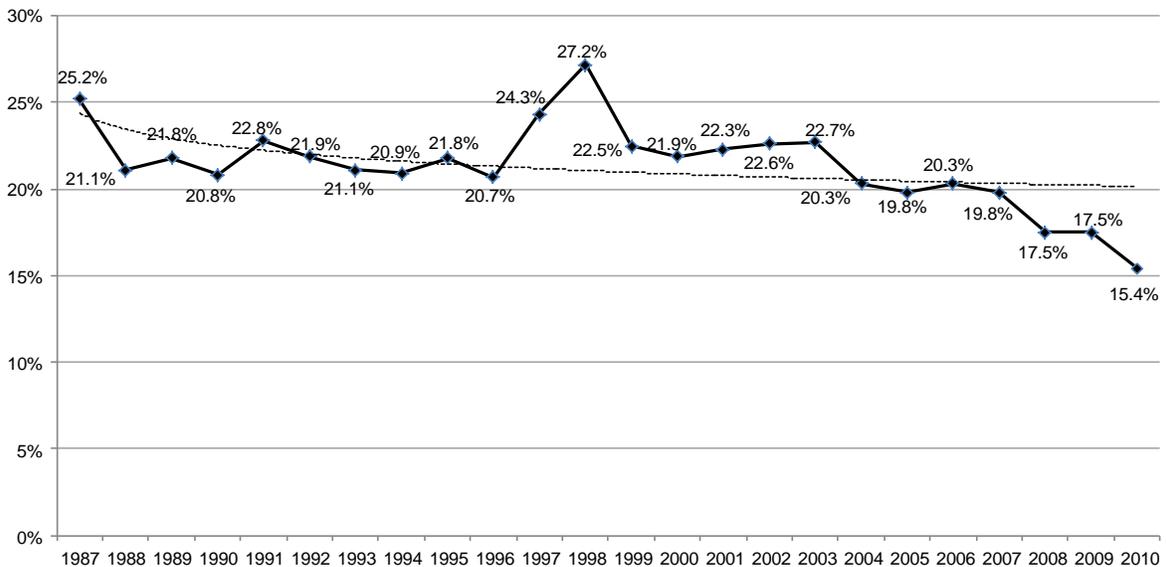
Prevalence of Current Cigarette Smoking

- South Dakota 23%
- Nationwide median 21%

South Dakota Department of Health 2020 Initiative

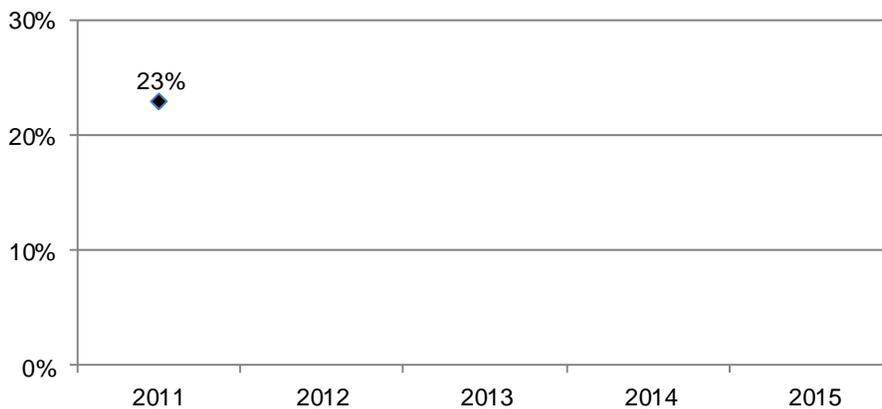
Reduce the percent of adults who smoke cigarettes to 19 percent.

Figure 15
Percent of Respondents Who Currently Smoke Cigarettes, 1987-2010



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 1987-2009

Figure 16
Percent of Respondents Who Currently Smoke Cigarettes, 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 16
Respondents Who Currently Smoke Cigarettes, 2011**

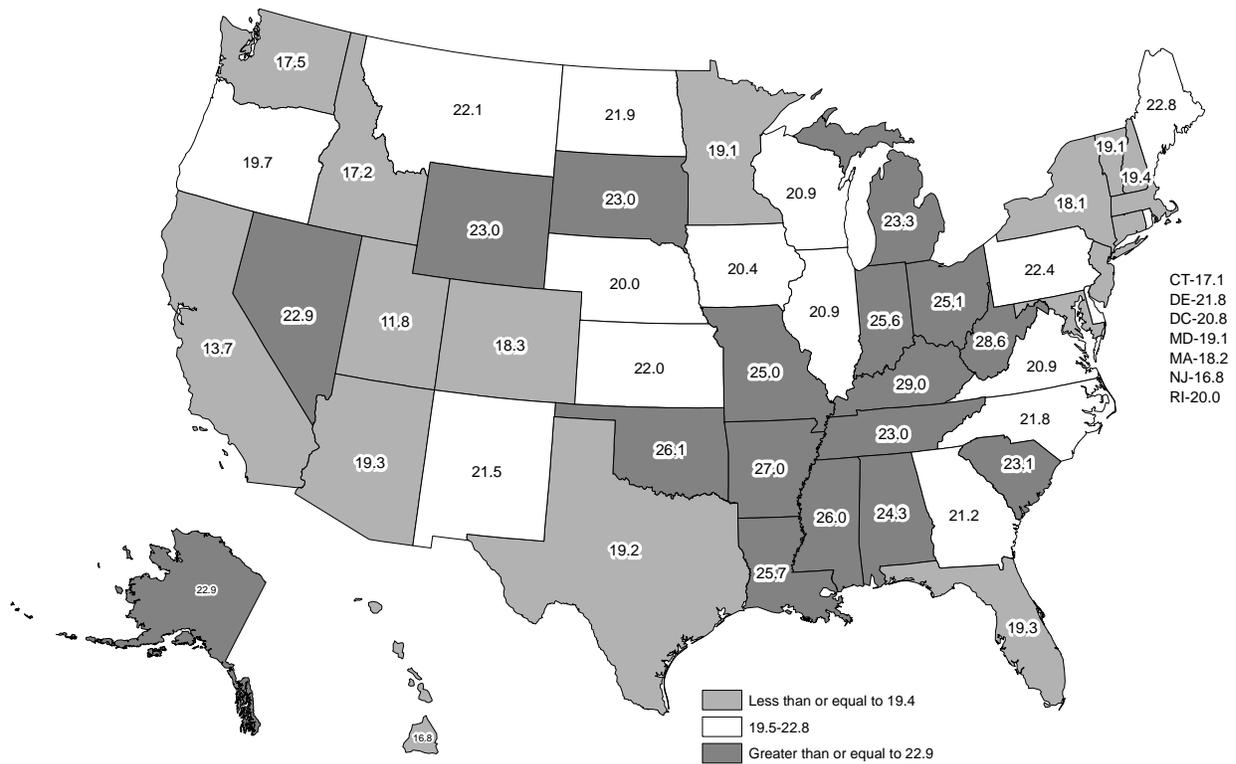
		# Resp.	% Currently Smoke	95% CI	
				Lower	Upper
Total		8,230	23%	21%	25%
Gender	Male	3,305	24%	22%	27%
	Female	4,925	22%	19%	24%
Age	18-44	2,210	30%	27%	34%
	45-64	3,229	21%	18%	24%
	65+	2,741	10%	8%	12%
Race	White	7,076	21%	19%	23%
	American Indian	855	43%	35%	51%
Ethnicity	Hispanic	106	23%	13%	38%
	Non-Hispanic	8,111	23%	21%	25%
Household Income	Less than \$25,000	2,003	32%	28%	36%
	\$25,000-\$49,999	2,107	25%	22%	30%
	\$50,000+	2,902	14%	12%	17%
Education	High School, G.E.D., or Less	3,221	29%	26%	33%
	Some Post-High School	2,405	24%	20%	27%
	College Graduate	2,590	10%	8%	13%
Employment Status	Employed for Wages	3,641	24%	21%	27%
	Self-employed	886	18%	14%	24%
	Unemployed	344	46%	37%	55%
	Homemaker	462	21%	14%	31%
	Student	183	17%	12%	24%
	Retired	2,308	9%	7%	12%
Marital Status	Unable to Work	394	48%	39%	58%
	Married/Unmarried Couple	4,787	18%	16%	20%
	Divorced/Separated	1,088	40%	35%	45%
	Widowed	1,250	12%	9%	16%
Home Ownership Status	Never Married	1,093	32%	27%	37%
	Own Home	6,235	18%	16%	20%
Children Status	Rent Home	1,680	37%	33%	41%
	Children in Household (Ages 18-44)	1,506	29%	25%	34%
Phone Status	No Children in Household (Ages 18-44)	701	32%	27%	38%
	Landline	7,230	21%	18%	23%
	Cell Phone	1,000	36%	32%	40%

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

National Statistics

The national median for respondents who currently smoke cigarettes was 21 percent, as shown in Figure 17 on the next page. South Dakota had 23 percent of respondents who currently smoke cigarettes. Utah had the lowest percent of respondents who currently smoke cigarettes with 12 percent, while Kentucky had the highest with 29 percent.

Figure 17
Nationally, Respondents Who Currently Smoke Cigarettes, 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 currently smoke cigarettes for various health behaviors and conditions. For example, 46 percent of respondents who are heavy drinkers currently smoke cigarettes, while 21 percent of respondents who are not heavy drinkers currently smoke cigarettes.

Health Behavior or Condition	# Respondents	% Currently Smoke Cigarettes	95% CI	
			Lower	Upper
Underweight (BMI < 18.5)	104	50%	31%	70%
Recommended (BMI = 18.5-24.9)	2,462	26%	22%	29%
Overweight (BMI = 25.0-29.9)	2,937	21%	18%	24%
Obese - Class I (BMI = 30.0-34.9)	1,512	20%	16%	24%
Obese - Classes II & III (BMI = 35.0+)	778	28%	21%	35%
Leisure Time Exercise	5,780	21%	19%	24%
No Leisure Time Exercise	2,236	28%	24%	32%
Meet Aerobic Recommendations	3,728	20%	18%	23%
Did Not Meet Aerobic Recommendations	4,082	25%	23%	28%
At Least Five Servings of Fruits and Vegetables	1,039	12%	9%	16%
Less Than Five Servings of Fruits and Vegetables	6,977	24%	22%	27%
Smokeless Tobacco	401	34%	26%	45%
No Smokeless Tobacco	7,829	22%	20%	24%
Diabetes	1,004	21%	15%	27%
No Diabetes	7,217	23%	21%	25%
High Blood Pressure	3,217	19%	17%	23%
No High Blood Pressure	4,998	25%	22%	27%

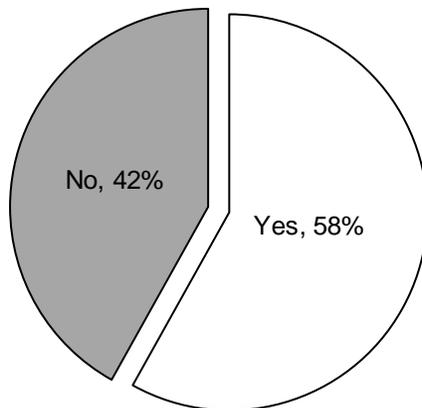
Table 17 (continued)
Currently Smoke Cigarettes for Selected Health Behaviors and Conditions, 2011

Health Behavior or Condition	# Respondents	% Currently Smoke Cigarettes	95% CI	
			Lower	Upper
High Blood Cholesterol	2,866	19%	16%	23%
No High Blood Cholesterol	4,022	18%	16%	21%
Flu Shot (65+)	1,873	10%	7%	13%
No Flu Shot (65+)	774	9%	6%	13%
Pneumonia Shot (65+)	1,750	9%	7%	12%
No Pneumonia Shot (65+)	810	12%	8%	17%
Drank Alcohol in Past 30 Days	4,223	25%	22%	28%
Did Not Drink Alcohol in Past 30 Days	3,689	20%	17%	23%
Binge Drinker	1,204	39%	34%	45%
Not a Binge Drinker	6,668	18%	16%	20%
Heavy Drinker	399	46%	37%	55%
Not a Heavy Drinker	7,446	21%	19%	23%
Always/Almost Always Wear Seat Belt	6,755	19%	17%	21%
Sometimes/Seldom/Never Wear Seat Belt	1,195	41%	36%	47%
Previously Had Heart Attack	565	16%	12%	22%
Never Had Heart Attack	7,631	23%	21%	25%
Have Angina or Coronary Heart Disease	536	15%	10%	22%
Do Not Have Angina or Coronary Heart Disease	7,628	23%	21%	25%
Previously Had a Stroke	305	20%	13%	29%
Never Had a Stroke	7,908	23%	21%	25%
Cancer	1,358	18%	14%	23%
No Cancer	6,841	24%	22%	26%
Skin Cancer	758	12%	8%	17%
No Skin Cancer	7,452	24%	22%	26%
Current Asthma	636	22%	17%	30%
Former Asthma	256	30%	19%	43%
Never had Asthma	7,290	23%	21%	25%
Arthritis	2,578	23%	19%	27%
No Arthritis	5,611	23%	21%	25%
COPD	560	40%	32%	49%
No COPD	7,643	22%	20%	24%
Depression	1,318	36%	31%	41%
No Depression	6,885	20%	18%	23%
Kidney Disease	250	17%	11%	27%
No Kidney Disease	7,960	23%	21%	25%
Vision Impairment	1,766	24%	19%	28%
No Vision Impairment	6,424	23%	21%	25%
Good/Very Good/Excellent Health Status	6,847	22%	20%	24%
Fair/Poor Health Status	1,374	31%	26%	36%
Physical Health Not Good for 0-29 Days of the Past 30	7,531	23%	21%	25%
Physical Health Not Good for 30 Days of the Past 30	547	30%	23%	37%
Mental Health Not Good for 0-19 Days of the Past 30	7,671	22%	20%	24%
Mental Health Not Good for 20-30 Days of the Past 30	431	42%	33%	51%
Usual Activities Unattainable for 0-9 Days of the Past 30	7,566	22%	20%	24%
Usual Activities Unattainable for 10-30 Days of the Past 30	583	34%	27%	42%
Physical, Mental, or Emotional Problems	2,308	28%	24%	32%
No Physical, Mental, or Emotional Problems	5,666	21%	19%	24%
Disability with Special Equipment Needed	818	22%	15%	30%
No Disability with Special Equipment Needed	7,167	23%	21%	25%
Been Tested for HIV (18-64)	1,580	36%	32%	41%
Never Been Tested for HIV (18-64)	6,139	18%	16%	21%

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

In 2011, the percentage of respondents who tried to stop smoking for one day or longer because they were trying to quit smoking was 58 percent as shown in Figure 18 below.

Figure 18
Respondents Who Tried to Stop Smoking, Within the Past 12 Months, for One Day or Longer Because They Were Trying to Quit Smoking, 2011



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

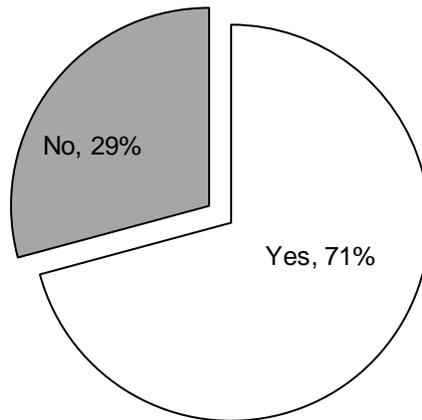
Table 18, below, shows the percent of current cigarette smokers for 2011 by the type of health insurance they have. Those with no health insurance and those on Medicaid or medical assistance had the highest percent of current smokers with 46 percent each. This was followed by the Indian Health Service with 45 percent current smokers and the Military, CHAMPUS, TriCare, or the VA with 23 percent current smokers rounding out the top four.

Table 18	
Percent of Current Cigarette Smoking by Type of Health Insurance, Ages 18-64, 2011	
Type of Health Insurance	2011
None	46%
Medicaid or Medical Assistance	46%
The Indian Health Service	45%
The Military, CHAMPUS, TriCare, or the VA	23%
Employer Based Coverage	18%
Private Health Insurance Plan	13%
Medicare	12%

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

Figure 19, on the next page, shows the percent of respondents who have been advised to quit smoking in the past 12 months by a health professional. In 2011, 71 percent of respondents said they have been advised to quit smoking by a health professional.

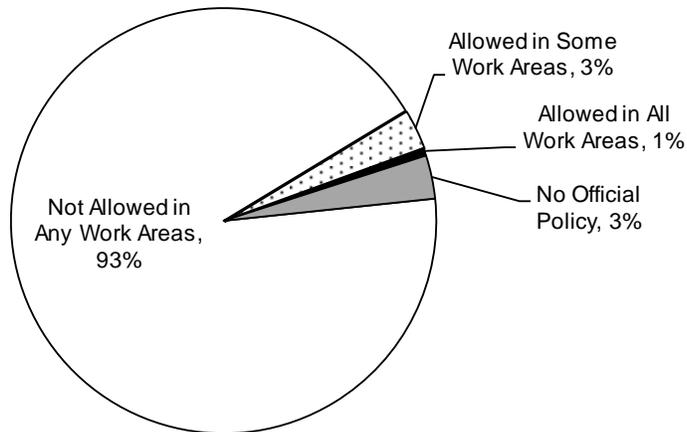
Figure 19
Percent of Respondents Who Have Been Advised by a Doctor, Nurse, or Other Health Professional to Quit Smoking in the Past 12 Months, 2011



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

Figure 20, below, shows the respondents' place of work official smoking policy for work areas. The majority of respondents stated that smoking was not allowed in any work areas with 93 percent.

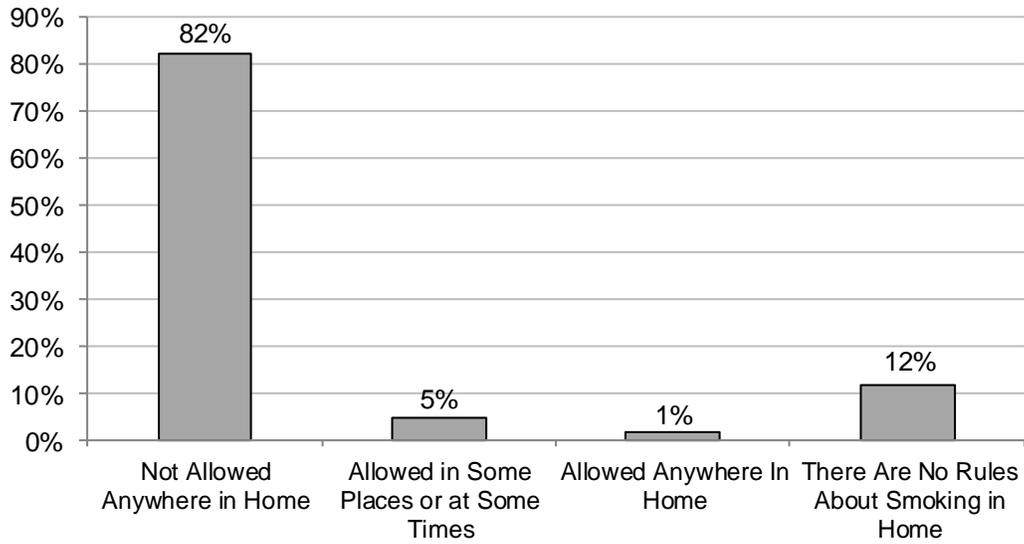
Figure 20
Respondents' Place of Work Smoking Policy, 2011



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

Figure 21, below, shows the respondents' rules about smoking inside their homes. The majority of respondents in 2011 stated that smoking was not allowed anywhere in their homes.

Figure 21
Respondents' Rules About Smoking Inside the Home, 2011



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

SMOKELESS TOBACCO

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

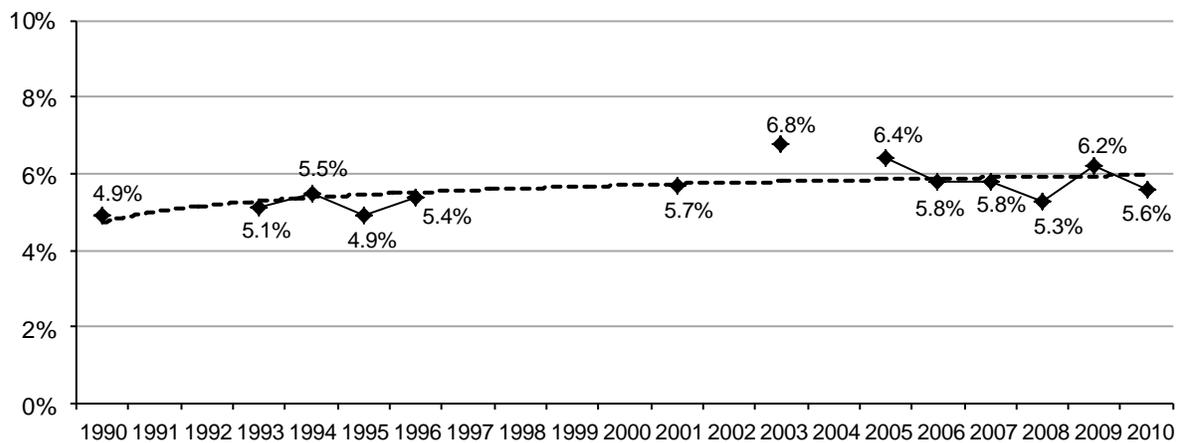
Prevalence of Smokeless Tobacco

- South Dakota 7%
- There is no nationwide median for smokeless tobacco

Healthy People 2020 Objective

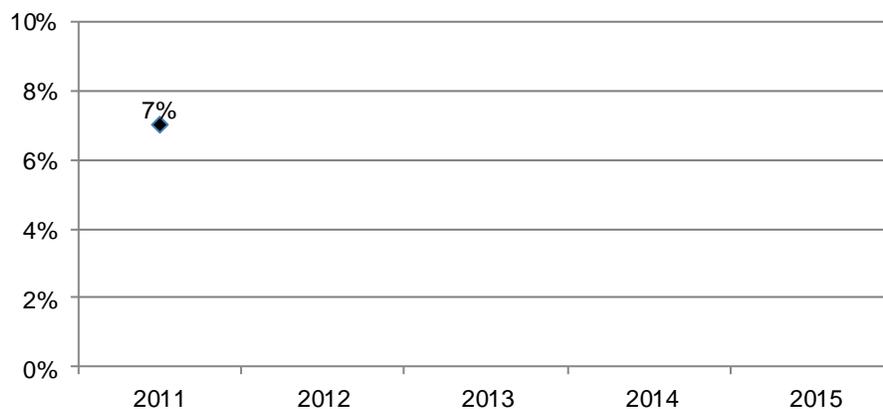
There was no stated Healthy People 2020 Objective for smokeless tobacco use.

Figure 22
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 23
Percent of Respondents Who Use Smokeless Tobacco, 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

		# Resp.	% Who Use Smokeless Tobacco	95% CI	
				Lower	Upper
Total		8,259	7%	6%	8%
Gender	Male	3,320	12%	10%	15%
	Female	4,939	1%	1%	2%
Age	18-44	2,222	11%	8%	13%
	45-64	3,239	4%	3%	6%
	65+	2,748	3%	2%	4%
Race	White	7,098	6%	5%	8%
	American Indian	859	12%	7%	18%
Ethnicity	Hispanic	106	1%	0%	6%
	Non-Hispanic	8,140	7%	6%	8%
Household Income	Less than \$25,000	2,012	7%	5%	10%
	\$25,000-\$49,999	2,112	7%	5%	9%
	\$50,000+	2,910	7%	5%	9%
Education	High School, G.E.D., or Less	3,233	7%	6%	9%
	Some Post-High School	2,416	8%	6%	11%
	College Graduate	2,596	5%	3%	7%
Employment Status	Employed for Wages	3,657	8%	6%	10%
	Self-employed	891	11%	8%	15%
	Unemployed	344	9%	4%	17%
	Homemaker	463	1%	0%	2%
	Student	184	7%	4%	13%
	Retired	2,313	2%	1%	4%
	Unable to Work	395	4%	2%	11%
Marital Status	Married/Unmarried Couple	4,808	6%	5%	8%
	Divorced/Separated	1,091	7%	5%	10%
	Widowed	1,253	3%	1%	6%
	Never Married	1,095	10%	7%	14%
Home Ownership Status	Own Home	6,256	6%	5%	7%
	Rent Home	1,686	9%	7%	12%
Children Status	Children in Household (Ages 18-44)	1,515	8%	6%	12%
	No Children in Household (Ages 18-44)	704	14%	10%	18%
Phone Status	Landline	7,253	6%	5%	8%
	Cell Phone	1,006	9%	7%	11%

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

Further Analysis

The following data show the percent of those who currently use smokeless tobacco for various health behaviors and conditions. For example, 15 percent of respondents who are binge drinkers use smokeless tobacco, while four percent of respondents who are not binge drinkers use smokeless tobacco.

Health Behavior or Condition	# Respondents	% Use Smokeless Tobacco	95% CI	
			Lower	Upper
Underweight (BMI < 18.5)	104	3%	1%	10%
Recommended (BMI = 18.5-24.9)	2,473	5%	4%	8%
Overweight (BMI = 25.0-29.9)	2,944	8%	6%	11%
Obese - Class I (BMI = 30.0-34.9)	1,517	9%	6%	12%
Obese - Classes II & III (BMI = 35.0+)	781	6%	3%	10%
Leisure Time Exercise	5,795	6%	5%	7%
No Leisure Time Exercise	2,250	9%	7%	13%
Meet Aerobic Recommendations	3,742	6%	4%	8%
Did Not Meet Aerobic Recommendations	4,097	8%	6%	10%

Table 20 (continued)
Smokeless Tobacco Use for Selected Health Behaviors and Conditions, 2011

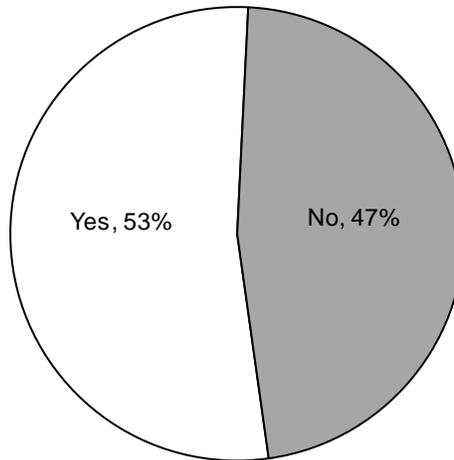
Health Behavior or Condition	# Respondents	% Use Smokeless Tobacco	95% CI	
			Lower	Upper
At Least Five Servings of Fruits and Vegetables	1,043	2%	1%	3%
Less Than Five Servings of Fruits and Vegetables	7,002	7%	6%	9%
Current Smoker	1,480	10%	7%	14%
Former Smoker	2,478	7%	5%	10%
Never Smoked	4,272	5%	4%	6%
Diabetes	1,005	4%	2%	10%
No Diabetes	7,245	7%	6%	9%
High Blood Pressure	3,228	7%	5%	9%
No High Blood Pressure	5,016	7%	5%	9%
High Blood Cholesterol	2,873	5%	4%	8%
No High Blood Cholesterol	4,040	5%	4%	7%
Flu Shot (65+)	1,875	2%	1%	3%
No Flu Shot (65+)	779	4%	2%	7%
Pneumonia Shot (65+)	1,751	2%	1%	4%
No Pneumonia Shot (65+)	815	3%	2%	7%
Drank Alcohol in Past 30 Days	4,243	8%	6%	10%
Did Not Drink Alcohol in Past 30 Days	3,698	5%	3%	7%
Binge Drinker	1,210	15%	11%	19%
Not a Binge Drinker	6,690	4%	3%	6%
Heavy Drinker	404	13%	8%	20%
Not a Heavy Drinker	7,470	6%	5%	8%
Always/Almost Always Wear Seat Belt	6,774	5%	4%	6%
Sometimes/Seldom/Never Wear Seat Belt	1,205	15%	12%	20%
Previously Had Heart Attack	566	4%	2%	8%
Never Had Heart Attack	7,658	7%	6%	8%
Have Angina or Coronary Heart Disease	536	5%	2%	11%
Do Not Have Angina or Coronary Heart Disease	7,656	7%	6%	8%
Previously Had a Stroke	305	2%	1%	4%
Never Had a Stroke	7,937	7%	6%	8%
Cancer	1,363	3%	2%	6%
No Cancer	6,865	7%	6%	9%
Skin Cancer	760	4%	2%	7%
No Skin Cancer	7,479	7%	6%	8%
Current Asthma	640	6%	3%	12%
Former Asthma	256	6%	2%	21%
Never had Asthma	7,314	7%	6%	8%
Arthritis	2,583	5%	3%	9%
No Arthritis	5,635	7%	6%	9%
COPD	560	8%	3%	19%
No COPD	7,671	7%	6%	8%
Depression	1,320	9%	5%	14%
No Depression	6,912	6%	5%	8%
Kidney Disease	251	3%	1%	6%
No Kidney Disease	7,988	7%	6%	8%
Vision Impairment	1,769	3%	2%	6%
No Vision Impairment	6,450	7%	6%	9%
Good/Very Good/Excellent Health Status	6,873	7%	5%	8%
Fair/Poor Health Status	1,377	7%	5%	12%
Physical Health Not Good for 0-29 Days of the Past 30	7,560	7%	6%	8%
Physical Health Not Good for 30 Days of the Past 30	547	5%	3%	11%
Mental Health Not Good for 0-19 Days of the Past 30	7,696	7%	6%	8%
Mental Health Not Good for 20-30 Days of the Past 30	433	5%	3%	10%
Usual Activities Unattainable for 0-9 Days of the Past 30	7,595	7%	6%	8%
Usual Activities Unattainable for 10-30 Days of the Past 30	583	9%	4%	17%

Table 20 (continued) Smokeless Tobacco Use for Selected Health Behaviors and Conditions, 2011				
Health Behavior or Condition	# Respondents	% Use Smokeless Tobacco	95% CI	
			Lower	Upper
Physical, Mental, or Emotional Problems	2,314	5%	3%	8%
No Physical, Mental, or Emotional Problems	5,688	7%	6%	9%
Disability with Special Equipment Needed	819	1%	1%	2%
No Disability with Special Equipment Needed	7,195	7%	6%	9%
Been Tested for HIV (18-64)	1,585	7%	4%	10%
Never Been Tested for HIV (18-64)	6,162	7%	5%	8%

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

Figure 24, below, shows the percent of respondents whose doctor, nurse, or other health professional advised them to stop using smokeless tobacco. A little over half, or 53 percent, of the respondents stated they were advised to quit using smokeless tobacco by a health professional.

Figure 24
Percent of Respondents Advised to Quit Using Smokeless Tobacco by a Doctor, Nurse, or Other Health Professional, 2011



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