
Cancer

CANCER

Definition: Respondents who reported they had ever been diagnosed with cancer.

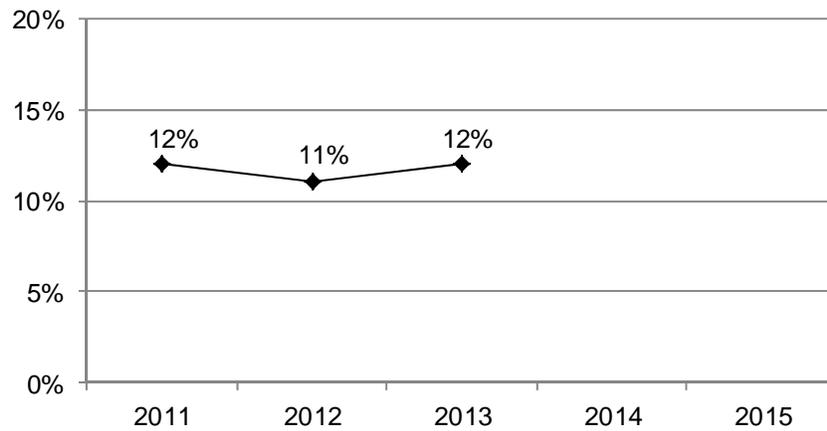
Prevalence of Cancer

- South Dakota 12%
- There is no nationwide median for ever having been diagnosed with cancer.

Healthy People 2020 Objective

There was no comparable Healthy People 2020 Objective for ever having been diagnosed with cancer.

Figure 58
Percent of Respondents Who Have Ever Been Diagnosed With Cancer, 2011-2013



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

**Table 53
Respondents Who Have Ever Been Diagnosed With Cancer, 2011-2013**

		2011-2013	2011	2012	2013
Total		12%	12%	11%	12%
Gender	Male	10%	10%	9%	11%
	Female	13%	14%	12%	13%
Age	18-34	2%	*	*	*
	35-44	3%	*	*	*
	45-54	9%	*	*	*
	55-64	16%	18%	16%	*
	65-74	25%	*	*	*
	75+	38%	*	*	*
Race	White	13%	13%	12%	13%
	American Indian	4%	*	*	*
Ethnicity	Hispanic	2%	*	*	*
	Non-Hispanic	12%	12%	11%	12%
Household Income	Less than \$15,000	14%	*	*	*
	\$15,000-\$24,999	13%	*	*	*
	\$25,000-\$34,999	11%	*	*	*
	\$35,000-\$49,999	13%	*	*	*
	\$50,000-\$74,999	9%	*	*	*
	\$75,000+	10%	10%	10%	*
Education	Less than High School, G.E.D.	15%	*	*	*
	High School, G.E.D.	12%	12%	12%	12%
	Some Post-High School	10%	11%	8%	11%
	College Graduate	11%	10%	12%	11%
Employment Status	Employed for Wages	6%	6%	6%	7%
	Self-employed	10%	*	*	*
	Unemployed	9%	*	*	*
	Homemaker	15%	*	*	*
	Student	2%	*	*	*
	Retired	30%	30%	29%	30%
	Unable to Work	18%	*	*	*
Marital Status	Married/Unmarried Couple	12%	12%	11%	12%
	Divorced/Separated	14%	*	*	*
	Widowed	29%	*	*	*
	Never Married	3%	*	*	*
Home Ownership Status	Own Home	13%	14%	12%	14%
	Rent Home	8%	9%	7%	8%
Children Status	Children in Household (Ages 18-44)	2%	3%	2%	*
	No Children in Household (Ages 18-44)	2%	*	*	*
Phone Status	Landline	15%	13%	14%	17%
	Cell Phone	6%	*	5%	6%
Pregnancy Status	Pregnant (Ages 18-44)	2%	*	*	*
	Not Pregnant (Ages 18-44)	4%	*	*	*

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

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

Further Analysis

The following data show the percent of those who have ever been diagnosed with cancer for selected health behaviors and conditions. For example, 22 percent of respondents who have arthritis have been diagnosed with cancer, while eight percent of respondents who do not have arthritis have ever been diagnosed with cancer.

**Table 54
Cancer Diagnosis for Selected Health Behaviors and Conditions,
2011-2013**

Health Behavior or Condition	% Ever Diagnosed with Cancer
Underweight (BMI < 18.5)	10%
Recommended (BMI = 18.5-24.9)	12%
Overweight (BMI = 25.0-29.9)	12%
Obese - Class I (BMI = 30.0-34.9)	11%
Obese - Classes II & III (BMI = 35.0+)	11%
Leisure Time Exercise	11%
No Leisure Time Exercise	14%
Met Physical Activity Recommendations	12%
Did Not Meet Physical Activity Recommendations	11%
2+ Servings of Fruit per Day	13%
< 2 Servings of Fruit per Day	12%
3+ Servings of Vegetables per Day	11%
< 3 Servings of Vegetables per Day	12%
5+ Servings of Fruits and Vegetables per Day	11%
< 5 Servings of Fruits and Vegetables per Day	12%
Current Smoker	8%
Former Smoker	17%
Never Smoked	10%
Smokeless Tobacco	6%
No Smokeless Tobacco	12%
Heard of "South Dakota QuitLine"	12%
Not Heard of "South Dakota QuitLine"	14%
Diabetes	19%
No Diabetes	11%
High Blood Pressure	20%
No High Blood Pressure	8%
High Blood Cholesterol	19%
No High Blood Cholesterol	12%
Health Insurance (18-64)	7%
No Health Insurance (18-64)	5%
Employer Based Coverage (18-64)	7%
Private Health Plan (18-64)	6%
Medicare (18-64)	13%
Medicaid or Medical Assistance (18-64)	8%
The Military, CHAMPUS, TriCare, or the VA (18-64)	11%
The Indian Health Service (18-64)	3%
Flu Shot (65+)	33%
No Flu Shot (65+)	27%
Pneumonia Shot (65+)	36%
No Pneumonia Shot (65+)	23%
Previously Had Heart Attack	30%
Never Had Heart Attack	11%
Have Angina or Coronary Heart Disease	29%
Do Not Have Angina or Coronary Heart Disease	11%
Previously Had a Stroke	30%
Never Had a Stroke	11%
Skin Cancer	100%
No Skin Cancer	6%

Table 54 (continued)
Cancer Diagnosis for Selected Health Behaviors and Conditions,
2011-2013

Health Behavior or Condition	% Ever Diagnosed with Cancer
Current Asthma	16%
Former Asthma	12%
Never Had Asthma	11%
Arthritis	22%
No Arthritis	8%
COPD	27%
No COPD	11%
Depression	14%
No Depression	11%
Kidney Disease	34%
No Kidney Disease	11%
Severe Vision Impairment	25%
No Severe Vision Impairment	11%
Recent Increased Confusion/Memory Loss	24%
No Recent Increased Confusion/Memory Loss	12%
< 6 Hours of Sleep	12%
6+ Hours of Sleep	12%
Always/Almost Always Wear Seat Belt	12%
Sometimes/Seldom/Never Wear Seat Belt	8%
Drank Alcohol in Past 30 Days	9%
Did Not Drink Alcohol in Past 30 Days	14%
Binge Drinker	5%
Not a Binge Drinker	13%
Heavy Drinker	8%
Not a Heavy Drinker	12%
Good/Very Good/Excellent Health Status	10%
Fair/Poor Health Status	23%
Physical Health Not Good for 0-29 Days of the Past 30	11%
Physical Health Not Good for 30 Days of the Past 30	23%
Mental Health Not Good for 0-19 Days of the Past 30	11%
Mental Health Not Good for 20-30 Days of the Past 30	14%
Usual Activities Unattainable for 0-9 Days of the Past 30	11%
Usual Activities Unattainable for 10-30 Days of the Past 30	20%
Physical, Mental, or Emotional Problems	19%
No Physical, Mental, or Emotional Problems	9%
Disability with Special Equipment Needed	25%
No Disability with Special Equipment Needed	10%
< 2 Hours of TV per Day	7%
2+ Hours of TV per Day	15%
Been Tested for HIV (18-64)	7%
Never Been Tested for HIV (18-64)	13%

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

SKIN CANCER

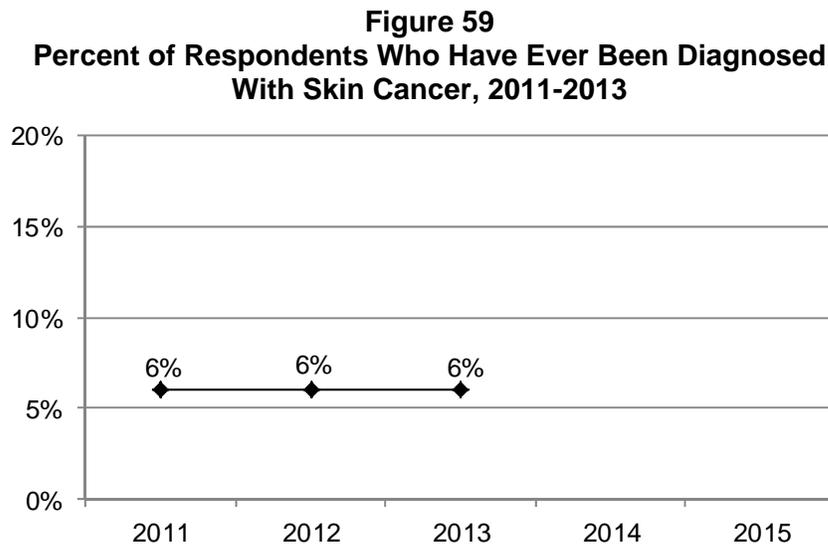
Definition: Respondents who reported they had ever been diagnosed with skin cancer.

Prevalence of Skin Cancer

- South Dakota 6%
- There is no nationwide median for ever having been diagnosed with skin cancer.

Healthy People 2020 Objective

There was no comparable Healthy People 2020 Objective for ever having been diagnosed with skin cancer.



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

Table 55
Respondents Who Have Ever Been Diagnosed With Skin Cancer, 2011-2013

		2011-2013	2011	2012	2013
Total		6%	6%	6%	6%
Gender	Male	6%	6%	6%	7%
	Female	6%	6%	6%	6%
Age	18-34	1%	*	*	*
	35-44	1%	*	*	*
	45-54	4%	*	*	*
	55-64	8%	9%	7%	*
	65-74	15%	*	*	*
	75+	22%	*	*	*
Race	White	7%	6%	6%	7%
	American Indian	1%	*	*	*
Ethnicity	Hispanic	1%	*	*	*
	Non-Hispanic	6%	6%	6%	7%
Household Income	Less than \$15,000	6%	*	*	*
	\$15,000-\$24,999	6%	*	*	*
	\$25,000-\$34,999	6%	*	*	*
	\$35,000-\$49,999	7%	*	*	*
	\$50,000-\$74,999	5%	*	*	*
	\$75,000+	6%	6%	5%	*
Education	Less than High School, G.E.D.	7%	*	*	*
	High School, G.E.D.	6%	6%	6%	6%
	Some Post-High School	5%	5%	4%	6%
	College Graduate	7%	6%	8%	7%
Employment Status	Employed for Wages	3%	3%	3%	4%
	Self-employed	6%	*	*	*
	Unemployed	2%	*	*	*
	Homemaker	7%	*	*	*
	Student	1%	*	*	*
	Retired	17%	17%	17%	17%
	Unable to Work	6%	*	*	*
Marital Status	Married/Unmarried Couple	7%	6%	6%	7%
	Divorced/Separated	6%	*	*	*
	Widowed	14%	*	*	*
	Never Married	2%	*	*	*
Home Ownership Status	Own Home	7%	7%	7%	8%
	Rent Home	4%	4%	3%	4%
Children Status	Children in Household (Ages 18-44)	1%	1%	1%	*
	No Children in Household (Ages 18-44)	1%	*	*	*
Phone Status	Landline	8%	7%	8%	10%
	Cell Phone	3%	*	2%	3%
Pregnancy Status	Pregnant (Ages 18-44)	2%	*	*	*
	Not Pregnant (Ages 18-44)	1%	*	*	*

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

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

Further Analysis

The following data show the percent of those who have ever been diagnosed with skin cancer for selected health behaviors and conditions. For example, 11 percent of respondents who have high blood pressure have been diagnosed with skin cancer, while four percent of respondents who do not have high blood pressure have ever been diagnosed with skin cancer.

Table 56
Skin Cancer Diagnosis for Selected Health Behaviors and
Conditions, 2011-2013

Health Behavior or Condition	% Ever Diagnosed with Skin Cancer
Underweight (BMI < 18.5)	6%
Recommended (BMI = 18.5-24.9)	6%
Overweight (BMI = 25.0-29.9)	7%
Obese - Class I (BMI = 30.0-34.9)	6%
Obese - Classes II & III (BMI = 35.0+)	5%
Leisure Time Exercise	6%
No Leisure Time Exercise	7%
Met Physical Activity Recommendations	7%
Did Not Meet Physical Activity Recommendations	6%
2+ Servings of Fruit per Day	7%
< 2 Servings of Fruit per Day	6%
3+ Servings of Vegetables per Day	6%
< 3 Servings of Vegetables per Day	6%
5+ Servings of Fruits and Vegetables per Day	5%
< 5 Servings of Fruits and Vegetables per Day	6%
Current Smoker	3%
Former Smoker	9%
Never Smoked	6%
Smokeless Tobacco	4%
No Smokeless Tobacco	6%
Heard of "South Dakota QuitLine"	6%
Not Heard of "South Dakota QuitLine"	9%
Diabetes	11%
No Diabetes	6%
High Blood Pressure	11%
No High Blood Pressure	4%
High Blood Cholesterol	11%
No High Blood Cholesterol	6%
Health Insurance (18-64)	3%
No Health Insurance (18-64)	2%
Employer Based Coverage (18-64)	3%
Private Health Plan (18-64)	3%
Medicare (18-64)	6%
Medicaid or Medical Assistance (18-64)	1%
The Military, CHAMPUS, TriCare, or the VA (18-64)	5%
The Indian Health Service (18-64)	1%
Flu Shot (65+)	20%
No Flu Shot (65+)	15%
Pneumonia Shot (65+)	21%
No Pneumonia Shot (65+)	14%
Previously Had Heart Attack	16%
Never Had Heart Attack	6%
Have Angina or Coronary Heart Disease	17%
Do Not Have Angina or Coronary Heart Disease	5%
Previously Had a Stroke	17%
Never Had a Stroke	6%
Cancer	52%
No Cancer	0%

**Table 56 (continued)
Skin Cancer Diagnosis for Selected Health Behaviors and
Conditions, 2011-2013**

Health Behavior or Condition	% Ever Diagnosed with Skin Cancer
Current Asthma	8%
Former Asthma	6%
Never Had Asthma	6%
Arthritis	11%
No Arthritis	4%
COPD	15%
No COPD	6%
Depression	6%
No Depression	6%
Kidney Disease	17%
No Kidney Disease	6%
Severe Vision Impairment	16%
No Severe Vision Impairment	6%
Recent Increased Confusion/Memory Loss	14%
No Recent Increased Confusion/Memory Loss	6%
< 6 Hours of Sleep	6%
6+ Hours of Sleep	7%
Always/Almost Always Wear Seat Belt	6%
Sometimes/Seldom/Never Wear Seat Belt	4%
Drank Alcohol in Past 30 Days	5%
Did Not Drink Alcohol in Past 30 Days	7%
Binge Drinker	2%
Not a Binge Drinker	7%
Heavy Drinker	4%
Not a Heavy Drinker	6%
Good/Very Good/Excellent Health Status	5%
Fair/Poor Health Status	11%
Physical Health Not Good for 0-29 Days of the Past 30	6%
Physical Health Not Good for 30 Days of the Past 30	9%
Mental Health Not Good for 0-19 Days of the Past 30	6%
Mental Health Not Good for 20-30 Days of the Past 30	4%
Usual Activities Unattainable for 0-9 Days of the Past 30	6%
Usual Activities Unattainable for 10-30 Days of the Past 30	9%
Physical, Mental, or Emotional Problems	10%
No Physical, Mental, or Emotional Problems	5%
Disability with Special Equipment Needed	13%
No Disability with Special Equipment Needed	6%
< 2 Hours of TV per Day	4%
2+ Hours of TV per Day	8%
Been Tested for HIV (18-64)	3%
Never Been Tested for HIV (18-64)	7%

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