Cancer

CANCER

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

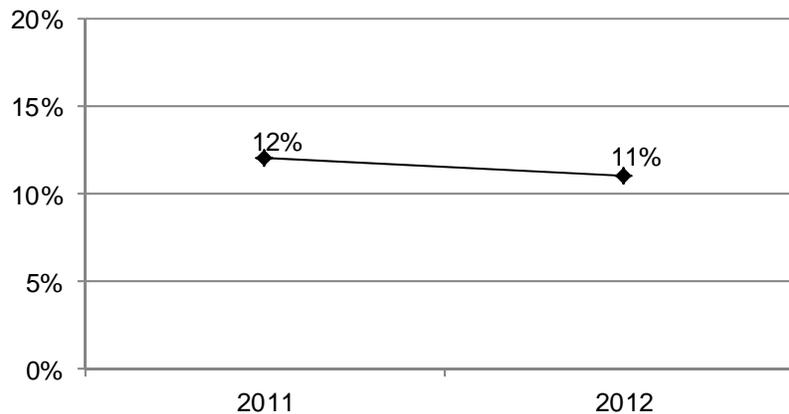### Prevalence of Cancer

o   South Dakota 11%
o   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 82
Percent of Respondents Who Have Ever Been Diagnosed
with Cancer, 2011-2012

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

		2011-2012	**2011**	**2012**
Table 50 **Respondents Who Have Ever Been Diagnosed With Cancer, 2011-2012**				
Total		**11%**	**12%**	**11%**
Gender	Male	10%	10%	9%
	Female	13%	14%	12%
Age	18-44	2%	3%	2%
	45-64	12%	12%	11%
	65+	31%	33%	29%
Race	White	12%	13%	12%
	American Indian	5%	*	*
Ethnicity	Hispanic	3%	*	*
	Non-Hispanic	11%	12%	11%
Household Income	Less than $25,000	13%	15%	11%
	$25,000-$49,999	11%	12%	11%
	$50,000+	9%	9%	10%
Education	High School, G.E.D., or Less	13%	13%	12%
	Some Post-High School	10%	11%	8%
	College Graduate	11%	10%	12%
Employment Status	Employed for Wages	6%	6%	6%
	Self-employed	10%	*	*
	Unemployed	6%	*	*
	Homemaker	16%	*	*
	Student	2%	*	*
	Retired	29%	30%	29%
	Unable to Work	19%	*	*
Marital Status	Married/Unmarried Couple	12%	12%	11%
	Divorced/Separated	15%	*	*
	Widowed	29%	*	*
	Never Married	3%	*	*
Home Ownership Status	Own Home	13%	14%	12%
	Rent Home	8%	9%	7%
Children Status	Children in Household (Ages 18-44)	2%	*	*
	No Children in Household (Ages 18-44)	3%	*	*
Phone Status	Landline	14%	13%	14%
	Cell Phone	5%	*	*
Pregnancy Status	Pregnant (Ages 18-44)	3%	*	*
	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, 2011-2012

Further Analysis

The following data show the percent of those who have ever been diagnosed with cancer for selected health behaviors and conditions, as shown in Table 51 on the next page. For example, 22 percent of respondents who have arthritis have been diagnosed with cancer, while 8 percent of respondents who do not have arthritis have ever been diagnosed with cancer.

Table 51
Cancer Diagnosis for Selected Health Behaviors and Conditions, 2011-2012

Health Behavior or Condition	% Ever Diagnosed with Cancer
Underweight (BMI < 18.5)	13%
Recommended (BMI = 18.5-24.9)	11%
Overweight (BMI = 25.0-29.9)	12%
Obese - Class I (BMI = 30.0-34.9)	11%
Obese - Classes II & III (BMI = 35.0+)	12%
Leisure Time Exercise	10%
No Leisure Time Exercise	14%
Current Smoker	8%
Former Smoker	16%
Never Smoked	10%
Smokeless Tobacco	5%
No Smokeless Tobacco	12%
Diabetes	20%
No Diabetes	10%
High Blood Pressure	19%
No High Blood Pressure	8%
Health Insurance (18-64)	7%
No Health Insurance (18-64)	6%
Employer Based Coverage (18-64)	7%
Private Health Plan (18-64)	6%
Medicare (18-64)	11%
Medicaid or Medical Assistance (18-64)	7%
The Military, CHAMPUS, TriCare, or the VA (18-64)	12%
The Indian Health Service (18-64)	4%
Breast Exam Within Past Two Years	13%
No Breast Exam Within Past Two Years	10%
Mammogram Within Past Two Years (40+)	20%
No Mammogram Within Past Two Years (40+)	12%
Pap Smear Within Past Three Years	8%
No Pap Smear Within Past Three Years	9%
Blood Stool Test Within Past Two Years (50+)	26%
No Blood Stool Test Within Past Two Years (50+)	19%
Ever Had a Sigmoidoscopy or Colonoscopy (50+)	24%
Never Had a Sigmoidoscopy or Colonoscopy (50+)	12%
PSA Test Within the Past Two Years (40+)	21%
No PSA Test Within the Past Two Years (40+)	10%
Flu Shot (65+)	33%
No Flu Shot (65+)	27%
Pneumonia Shot (65+)	35%
No Pneumonia Shot (65+)	24%
Previously Had Heart Attack	27%
Never Had Heart Attack	10%
Have Angina or Coronary Heart Disease	29%
Do Not Have Angina or Coronary Heart Disease	10%
Previously Had a Stroke	32%
Never Had a Stroke	11%
Current Asthma	15%
Former Asthma	10%
Never Had Asthma	11%
Arthritis	22%
No Arthritis	8%

Table 51 (continued) Cancer Diagnosis for Selected Health Behaviors and Conditions, 2011-2012	
Health Behavior or Condition	**% Ever Diagnosed with Cancer**
COPD	25%
No COPD	11%
Depression	14%
No Depression	11%
Kidney Disease	36%
No Kidney Disease	11%
Vision Impairment	19%
No Vision Impairment	10%
Been to the Dentist in the Past Year	11%
Haven't Been to the Dentist in the Past Year	10%
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	15%
Binge Drinker	5%
Not a Binge Drinker	13%
Heavy Drinker	8%
Not a Heavy Drinker	12%
< 3 Sweetened Beverages per Day	12%
3+ Sweetened Beverages per Day	10%
Good/Very Good/Excellent Health Status	10%
Fair/Poor Health Status	21%
Physical Health Not Good for 0-29 Days of the Past 30	11%
Physical Health Not Good for 30 Days of the Past 30	22%
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	12%
Usual Activities Unattainable for 0-9 Days of the Past 30	11%
Usual Activities Unattainable for 10-30 Days of the Past 30	18%
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%
Heard of "Healthy South Dakota" Program	11%
Not Heard of "Healthy South Dakota" Program	10%
Injured in a Fall in Past 12 Months (45+)	22%
Not Injured in a Fall in Past 12 Months (45+)	18%
Been Tested for HIV (18-64)	7%
Never Been Tested for HIV (18-64)	12%

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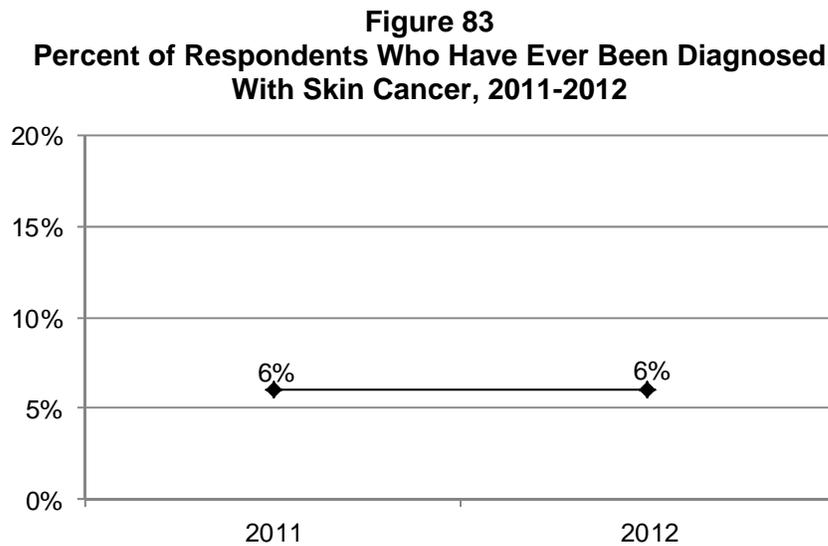
SKIN CANCER

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

Prevalence of Skin Cancer

o   South Dakota 6%
o   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.

Figure 83
Percent of Respondents Who Have Ever Been Diagnosed
With Skin Cancer, 2011-2012

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

Table 52 Respondents Who Have Ever Been Diagnosed With Skin Cancer, 2011-2012		2011-2012	2011	2012
Total		**6%**	**6%**	**6%**
Gender	Male	6%	6%	6%
	Female	6%	6%	6%
Age	18-44	1%	1%	1%
	45-64	5%	5%	5%
	65+	18%	19%	18%
Race	White	6%	6%	6%
	American Indian	1%	*	*
Ethnicity	Hispanic	1%	*	*
	Non-Hispanic	6%	6%	6%
Household Income	Less than $25,000	6%	7%	5%
	$25,000-$49,999	6%	7%	6%
	$50,000+	5%	5%	5%
Education	High School, G.E.D., or Less	6%	7%	6%
	Some Post-High School	5%	5%	4%
	College Graduate	7%	6%	8%
Employment Status	Employed for Wages	3%	3%	3%
	Self-employed	6%	*	*
	Unemployed	1%	*	*
	Homemaker	7%	*	*
	Student	1%	*	*
	Retired	17%	17%	17%
	Unable to Work	7%	*	*
Marital Status	Married/Unmarried Couple	6%	6%	6%
	Divorced/Separated	6%	*	*
	Widowed	16%	*	*
	Never Married	1%	*	*
Home Ownership Status	Own Home	7%	7%	7%
	Rent Home	4%	4%	3%
Children Status	Children in Household (Ages 18-44)	1%	*	*
	No Children in Household (Ages 18-44)	1%	*	*
Phone Status	Landline	7%	7%	8%
	Cell Phone	2%	*	*
Pregnancy Status	Pregnant (Ages 18-44)	3%	*	*
	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, 2011-2012

Further Analysis

The following data show the percent of those who have ever been diagnosed with skin cancer for selected health behaviors and conditions, as shown in Table 53 on the next page. For example, 10 percent of respondents who have high blood pressure have been diagnosed with skin cancer, while 4 percent of respondents who do not have high blood pressure have ever been diagnosed with skin cancer.

Table 53 Skin Cancer Diagnosis for Selected Health Behaviors and Conditions, 2011-2012	
Health Behavior or Condition	**% Ever Diagnosed with Skin Cancer**
Underweight (BMI < 18.5)	8%
Recommended (BMI = 18.5-24.9)	6%
Overweight (BMI = 25.0-29.9)	7%
Obese - Class I (BMI = 30.0-34.9)	5%
Obese - Classes II & III (BMI = 35.0+)	5%
Leisure Time Exercise	6%
No Leisure Time Exercise	7%
Current Smoker	3%
Former Smoker	9%
Never Smoked	5%
Smokeless Tobacco	3%
No Smokeless Tobacco	6%
Diabetes	10%
No Diabetes	5%
High Blood Pressure	10%
No High Blood Pressure	4%
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)	3%
Medicaid or Medical Assistance (18-64)	1%
The Military, CHAMPUS, TriCare, or the VA (18-64)	5%
The Indian Health Service (18-64)	1%
Breast Exam Within Past Two Years	6%
No Breast Exam Within Past Two Years	6%
Mammogram Within Past Two Years (40+)	10%
No Mammogram Within Past Two Years (40+)	5%
Pap Smear Within Past Three Years	5%
No Pap Smear Within Past Three Years	6%
Blood Stool Test Within Past Two Years (50+)	17%
No Blood Stool Test Within Past Two Years (50+)	10%
Ever Had a Sigmoidoscopy or Colonoscopy (50+)	14%
Never Had a Sigmoidoscopy or Colonoscopy (50+)	6%
PSA Test Within the Past Two Years (40+)	12%
No PSA Test Within the Past Two Years (40+)	6%
Flu Shot (65+)	20%
No Flu Shot (65+)	15%
Pneumonia Shot (65+)	20%
No Pneumonia Shot (65+)	15%
Previously Had Heart Attack	16%
Never Had Heart Attack	5%
Have Angina or Coronary Heart Disease	16%
Do Not Have Angina or Coronary Heart Disease	5%
Previously Had a Stroke	16%
Never Had a Stroke	6%
Current Asthma	7%
Former Asthma	5%
Never Had Asthma	6%
Arthritis	11%
No Arthritis	4%

Table 53 (continued) Skin Cancer Diagnosis for Selected Health Behaviors and Conditions, 2011-2012	
Health Behavior or Condition	**% Ever Diagnosed with Skin Cancer**
COPD	14%
No COPD	5%
Depression	6%
No Depression	6%
Kidney Disease	18%
No Kidney Disease	6%
Vision Impairment	10%
No Vision Impairment	5%
Been to the Dentist in the Past Year	6%
Haven't Been to the Dentist in the Past Year	6%
Always/Almost Always Wear Seat Belt	6%
Sometimes/Seldom/Never Wear Seat Belt	5%
Drank Alcohol in Past 30 Days	5%
Did Not Drink Alcohol in Past 30 Days	8%
Binge Drinker	2%
Not a Binge Drinker	7%
Heavy Drinker	4%
Not a Heavy Drinker	6%
< 3 Sweetened Beverages per Day	6%
3+ Sweetened Beverages per Day	2%
Good/Very Good/Excellent Health Status	5%
Fair/Poor Health Status	9%
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	3%
Usual Activities Unattainable for 0-9 Days of the Past 30	6%
Usual Activities Unattainable for 10-30 Days of the Past 30	7%
Physical, Mental, or Emotional Problems	10%
No Physical, Mental, or Emotional Problems	5%
Disability with Special Equipment Needed	14%
No Disability with Special Equipment Needed	5%
Heard of "Healthy South Dakota" Program	6%
Not Heard of "Healthy South Dakota" Program	5%
Injured in a Fall in Past 12 Months (45+)	13%
Not Injured in a Fall in Past 12 Months (45+)	10%
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, 2011-2012