Cancer

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

Prevalence of Cancer

o   South Dakota 12%
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.

Table 74 Respondents Who Have Ever Been Diagnosed With Cancer, 2011		# Resp.	% Ever Been Diagnosed with Cancer	95% CI	
				Lower	Upper
Total		**8,228**	**12%**	**11%**	**13%**
Gender	Male	3,309	10%	9%	12%
	Female	4,919	14%	12%	15%
Age	18-44	2,215	3%	2%	4%
	45-64	3,228	12%	10%	14%
	65+	2,736	33%	30%	36%
Race	White	7,073	13%	12%	14%
	American Indian	854	4%	2%	6%
Ethnicity	Hispanic	106	4%	2%	11%
	Non-Hispanic	8,109	12%	11%	13%
Household Income	Less than $25,000	2,005	15%	12%	18%
	$25,000-$49,999	2,105	12%	10%	15%
	$50,000+	2,905	9%	8%	11%
Education	High School, G.E.D., or Less	3,218	13%	11%	15%
	Some Post-High School	2,406	11%	10%	14%
	College Graduate	2,590	10%	8%	12%
Employment Status	Employed for Wages	3,648	6%	5%	7%
	Self-employed	889	12%	9%	16%
	Unemployed	344	4%	2%	7%
	Homemaker	458	20%	14%	28%
	Student	184	1%	0%	4%
	Retired	2,303	30%	26%	33%
	Unable to Work	390	22%	15%	31%
Marital Status	Married/Unmarried Couple	4,792	12%	11%	14%
	Divorced/Separated	1,086	16%	13%	21%
	Widowed	1,246	30%	26%	35%
	Never Married	1,092	2%	2%	4%
Home Ownership Status	Own Home	6,233	14%	12%	15%
	Rent Home	1,678	9%	7%	11%
Children Status	Children in Household (Ages 18-44)	1,511	3%	1%	4%
	No Children in Household (Ages 18-44)	701	3%	2%	6%
Phone Status	Landline	7,226	13%	12%	15%
	Cell Phone	1,002	4%	3%	6%

Note: *Results based on sample sizes less than 100 have been suppressed.
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 ever been diagnosed with cancer for selected health behaviors and conditions. For example, 22 percent of respondents who report a fair or poor health status have been diagnosed with cancer, while 10 percent of respondents who report an excellent, very good, or good health status have ever been diagnosed with cancer.

		% Ever	95% CI	
Health Behavior or Condition	**# Respondents**	**Diagnosed with Cancer**	**Lower**	**Upper**
Underweight (BMI < 18.5)	104	21%	10%	38%
Recommended (BMI = 18.5-24.9)	2,465	11%	9%	14%
Overweight (BMI = 25.0-29.9)	2,932	13%	11%	15%
Obese - Class I (BMI = 30.0-34.9)	1,514	11%	9%	13%
Obese - Classes II & III (BMI = 35.0+)	776	11%	8%	16%
Leisure Time Exercise	5,773	11%	10%	12%
No Leisure Time Exercise	2,242	15%	13%	18%
Meet Aerobic Recommendations	3,729	12%	10%	13%
Did Not Meet Aerobic Recommendations	4,083	12%	10%	14%
At Least Five Servings of Fruits and Vegetables	1,041	12%	9%	16%
Less Than Five Servings of Fruits and Vegetables	6,979	12%	11%	13%
Current Smoker	1,471	9%	7%	12%
Former Smoker	2,467	17%	14%	19%
Never Smoked	4,261	11%	9%	12%
Smokeless Tobacco	404	5%	3%	10%
No Smokeless Tobacco	7,824	12%	11%	14%
Diabetes	998	22%	18%	27%
No Diabetes	7,221	11%	10%	12%
High Blood Pressure	3,209	19%	17%	22%
No High Blood Pressure	5,004	9%	7%	10%
High Blood Cholesterol	2,860	20%	17%	22%
No High Blood Cholesterol	4,029	12%	11%	14%
Flu Shot (65+)	1,866	34%	30%	38%
No Flu Shot (65+)	777	31%	25%	38%
Pneumonia Shot (65+)	1,743	34%	30%	39%
No Pneumonia Shot (65+)	813	28%	23%	34%
Drank Alcohol in Past 30 Days	4,230	9%	8%	10%
Did Not Drink Alcohol in Past 30 Days	3,681	16%	14%	19%
Binge Drinker	1,208	6%	4%	8%
Not a Binge Drinker	6,662	14%	12%	15%
Heavy Drinker	404	7%	5%	11%
Not a Heavy Drinker	7,441	12%	11%	14%
Always/Almost Always Wear Seat Belt	6,748	13%	11%	14%
Sometimes/Seldom/Never Wear Seat Belt	1,201	8%	6%	11%
Previously Had Heart Attack	561	26%	20%	32%
Never Had Heart Attack	7,632	11%	10%	12%
Have Angina or Coronary Heart Disease	534	32%	26%	40%
Do Not Have Angina or Coronary Heart Disease	7,628	11%	10%	12%
Previously Had a Stroke	301	30%	20%	41%
Never Had a Stroke	7,910	11%	10%	13%
Current Asthma	636	17%	13%	22%
Former Asthma	255	11%	6%	19%
Never Had Asthma	7,288	11%	10%	13%
Arthritis	2,569	24%	21%	27%
No Arthritis	5,618	8%	7%	9%

**Table 75
Cancer Diagnosis for Selected Health Behaviors and Conditions, 2011**

Table 75 (continued) Cancer Diagnosis for Selected Health Behaviors and Conditions, 2011				
		% Ever Diagnosed with Cancer	95% CI	
Health Behavior or Condition	# Respondents		Lower	Upper
COPD	554	26%	20%	33%
No COPD	7,646	11%	10%	12%
Depression	1,314	15%	12%	19%
No Depression	6,887	11%	10%	12%
Kidney Disease	249	32%	23%	42%
No Kidney Disease	7,961	11%	10%	12%
Vision Impairment	1,759	24%	20%	28%
No Vision Impairment	6,429	9%	8%	11%
Good/Very Good/Excellent Health Status	6,854	10%	9%	11%
Fair/Poor Health Status	1,365	22%	18%	26%
Physical Health Not Good for 0-29 Days of the Past 30	7,536	11%	10%	12%
Physical Health Not Good for 30 Days of the Past 30	541	21%	15%	27%
Mental Health Not Good for 0-19 Days of the Past 30	7,670	12%	10%	13%
Mental Health Not Good for 20-30 Days of the Past 30	430	14%	9%	20%
Usual Activities Unattainable for 0-9 Days of the Past 30	7,574	11%	10%	13%
Usual Activities Unattainable for 10-30 Days of the Past 30	574	18%	13%	23%
Physical, Mental, or Emotional Problems	2,298	19%	17%	22%
No Physical, Mental, or Emotional Problems	5,674	9%	8%	11%
Disability with Special Equipment Needed	813	28%	22%	34%
No Disability with Special Equipment Needed	7,171	11%	10%	12%
Been Tested for HIV (18-64)	1,579	8%	6%	11%
Never Been Tested for HIV (18-64)	6,141	13%	12%	14%

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