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# Kidney Disease

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**Definition:** Respondents who answered “yes” to the question: “Has a doctor, nurse, or other health professional ever told you that you have kidney disease? Do NOT include kidney stones, bladder infection or incontinence.”

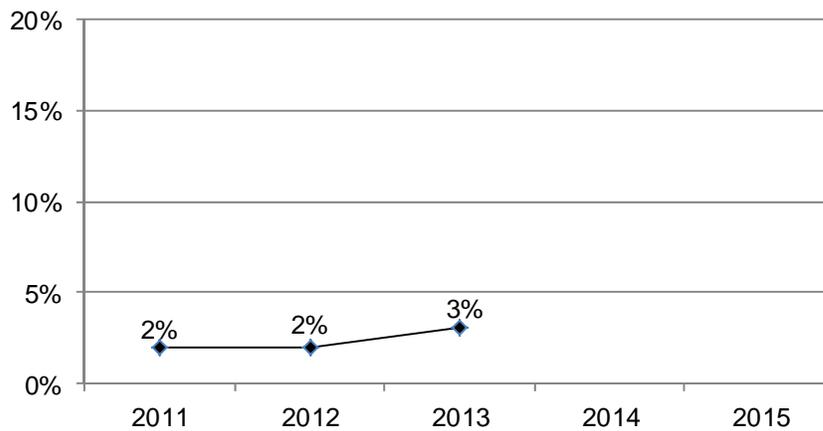
## **Prevalence of Kidney Disease**

- South Dakota 3%
- Nationwide median 3%

## **Healthy People 2020 Objective**

There was no stated Healthy People 2020 Objective for kidney disease.

**Table 71**  
**Percent of Respondents Who Have Been Told They Have Kidney Disease, 2011-2013**



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

**Table 67**  
**Respondents Who Have Been Told They Have Kidney Disease, 2011-2013**

		2011-2013	2011	2012	2013
<b>Total</b>		<b>2%</b>	<b>2%</b>	<b>2%</b>	<b>3%</b>
<b>Gender</b>	Male	2%	2%	2%	2%
	Female	2%	2%	2%	3%
<b>Age</b>	18-34	1%	*	*	*
	35-44	1%	*	*	*
	45-54	2%	*	*	*
	55-64	3%	3%	2%	*
	65-74	5%	*	*	*
	75+	6%	*	*	*
<b>Race</b>	White	2%	2%	2%	2%
	American Indian	5%	*	*	*
<b>Ethnicity</b>	Hispanic	1%	*	*	*
	Non-Hispanic	2%	2%	2%	3%
<b>Household Income</b>	Less than \$15,000	5%	*	*	*
	\$15,000-\$24,999	3%	*	*	*
	\$25,000-\$34,999	2%	*	*	*
	\$35,000-\$49,999	3%	*	*	*
	\$50,000-\$74,999	1%	*	*	*
	\$75,000+	1%	1%	2%	*
<b>Education</b>	Less than High School, G.E.D.	3%	*	*	*
	High School, G.E.D.	3%	2%	2%	3%
	Some Post-High School	2%	2%	3%	2%
	College Graduate	1%	1%	2%	2%
<b>Employment Status</b>	Employed for Wages	1%	1%	1%	1%
	Self-employed	1%	*	*	*
	Unemployed	2%	*	*	*
	Homemaker	2%	*	*	*
	Student	1%	*	*	*
	Retired	5%	4%	5%	6%
<b>Marital Status</b>	Unable to Work	8%	*	*	*
	Married/Unmarried Couple	2%	2%	2%	3%
	Divorced/Separated	4%	*	*	*
	Widowed	5%	*	*	*
<b>Home Ownership Status</b>	Never Married	1%	*	*	*
	Own Home	2%	2%	2%	2%
<b>Children Status</b>	Rent Home	3%	3%	3%	4%
	Children in Household (Ages 18-44)	1%	1%	1%	*
<b>Phone Status</b>	No Children in Household (Ages 18-44)	1%	*	*	*
	Landline	3%	2%	2%	3%
<b>Pregnancy Status</b>	Cell Phone	2%	*	2%	2%
	Pregnant (Ages 18-44)	1%	*	*	*
		1%	*	*	*
		1%	*	*	*

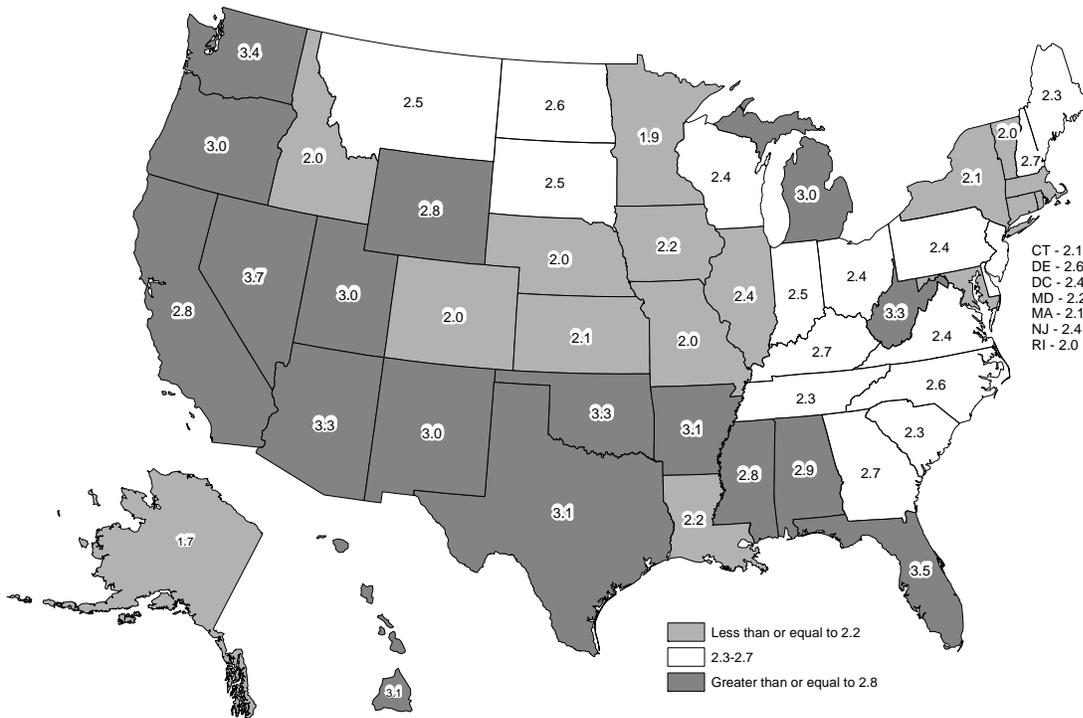
Note: \*Results based on small sample sizes have been suppressed.

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

### National Statistics

The national median for respondents who have kidney disease was 2.5 percent, as shown in Figure 72 below. South Dakota had 2.5 percent of respondents with kidney disease. Alaska had the lowest percent of respondents with kidney disease at 1.7 percent, while Nevada had the highest with 3.7 percent.

**Figure 72**  
**Nationally, Respondents Who Were Told They Have Kidney Disease, 2013**



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

**Further Analysis**

The following data show the percent of those who have kidney disease for various health behaviors and conditions. For example, 10 percent of respondents who have previously had a heart attack have kidney disease, while two percent of respondents who have never had a heart attack have kidney disease.

<b>Health Behavior or Condition</b>	<b>% with Kidney Disease</b>
Underweight (BMI < 18.5)	4%
Recommended (BMI = 18.5-24.9)	1%
Overweight (BMI = 25.0-29.9)	2%
Obese - Class I (BMI = 30.0-34.9)	3%
Obese - Classes II & III (BMI = 35.0+)	5%
Leisure Time Exercise	2%
No Leisure Time Exercise	3%
Met Physical Activity Recommendations	2%
Did Not Meet Physical Activity Recommendations	2%
2+ Servings of Fruit per Day	3%
< 2 Servings of Fruit per Day	2%
3+ Servings of Vegetables per Day	2%
< 3 Servings of Vegetables per Day	2%

**Table 68 (continued)**  
**Kidney Disease Prevalence for Selected Health Behaviors and**  
**Conditions, 2011-2013**

<b>Health Behavior or Condition</b>	<b>% with Kidney Disease</b>
5+ Servings of Fruits and Vegetables per Day	3%
< 5 Servings of Fruits and Vegetables per Day	2%
Current Smoker	2%
Former Smoker	3%
Never Smoked	2%
Smokeless Tobacco	2%
No Smokeless Tobacco	2%
Heard of "South Dakota QuitLine"	3%
Not Heard of "South Dakota QuitLine"	3%
Diabetes	8%
No Diabetes	2%
High Blood Pressure	5%
No High Blood Pressure	1%
High Blood Cholesterol	4%
No High Blood Cholesterol	2%
Health Insurance (18-64)	2%
No Health Insurance (18-64)	2%
Employer Based Coverage (18-64)	1%
Private Health Plan (18-64)	1%
Medicare (18-64)	8%
Medicaid or Medical Assistance (18-64)	6%
The Military, CHAMPUS, TriCare, or the VA (18-64)	2%
The Indian Health Service (18-64)	3%
Flu Shot (65+)	6%
No Flu Shot (65+)	3%
Pneumonia Shot (65+)	7%
No Pneumonia Shot (65+)	2%
Previously Had Heart Attack	10%
Never Had Heart Attack	2%
Have Angina or Coronary Heart Disease	11%
Do Not Have Angina or Coronary Heart Disease	2%
Previously Had a Stroke	11%
Never Had a Stroke	2%
Cancer	7%
No Cancer	2%
Skin Cancer	7%
No Skin Cancer	2%
Current Asthma	4%
Former Asthma	2%
Never Had Asthma	2%
Arthritis	5%
No Arthritis	1%
COPD	7%
No COPD	2%
Depression	4%
No Depression	2%
Severe Vision Impairment	11%
No Severe Vision Impairment	2%
Recent Increased Confusion/Memory Loss	7%
No Recent Increased Confusion/Memory Loss	2%

**Table 68 (continued)  
Kidney Disease Prevalence for Selected Health Behaviors and  
Conditions, 2011-2013**

<b>Health Behavior or Condition</b>	<b>% with Kidney Disease</b>
< 6 Hours of Sleep	6%
6+ Hours of Sleep	2%
Always/Almost Always Wear Seat Belt	2%
Sometimes/Seldom/Never Wear Seat Belt	2%
Drank Alcohol in Past 30 Days	1%
Did Not Drink Alcohol in Past 30 Days	3%
Binge Drinker	1%
Not a Binge Drinker	3%
Heavy Drinker	2%
Not a Heavy Drinker	2%
Good/Very Good/Excellent Health Status	2%
Fair/Poor Health Status	7%
Physical Health Not Good for 0-29 Days of the Past 30	2%
Physical Health Not Good for 30 Days of the Past 30	8%
Mental Health Not Good for 0-19 Days of the Past 30	2%
Mental Health Not Good for 20-30 Days of the Past 30	3%
Usual Activities Unattainable for 0-9 Days of the Past 30	2%
Usual Activities Unattainable for 10-30 Days of the Past 30	8%
Physical, Mental, or Emotional Problems	5%
No Physical, Mental, or Emotional Problems	1%
Disability with Special Equipment Needed	8%
No Disability with Special Equipment Needed	2%
< 2 Hours of TV per Day	1%
2+ Hours of TV per Day	3%
Been Tested for HIV (18-64)	2%
Never Been Tested for HIV (18-64)	2%

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