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# Kidney Disease

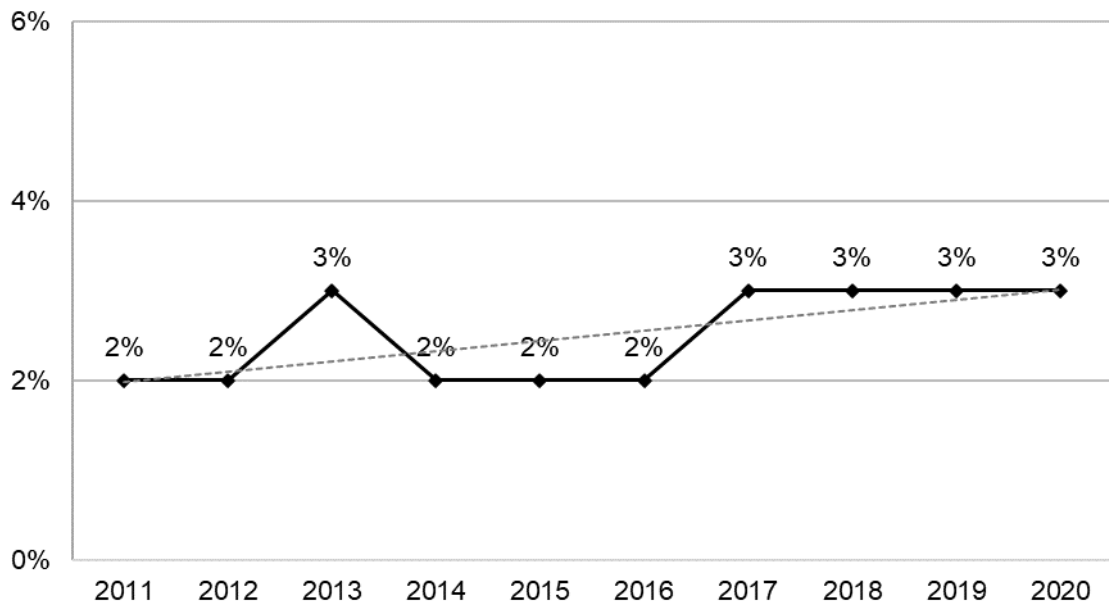
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**Definition:** South Dakotans who answered “yes” to the question: “Has a doctor, nurse, or other health professional ever told you that you have kidney disease? Do NOT include kidney stones, bladder infection or incontinence.”

## **Prevalence of Kidney Disease**

- South Dakota 3%
- Nationwide median 3%

**Figure 52**  
**Percentage of South Dakotans Who Have Been Told They Have Kidney Disease, 2011-2020**



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2011-2020

**Table 37**  
**South Dakotans Who Have Been Told They Have Kidney Disease, 2016-2020**

		2016-2020	95% Confidence Interval	
			Low	High
<b>Gender</b>	Male	3%	2.2%	3.1%
	Female	3%	2.4%	3.3%
<b>Age</b>	18-29	1%	0.6%	1.9%
	30-39	1%	0.4%	1.3%
	40-49	2%	1.4%	3.3%
	50-59	2%	1.6%	2.8%
	60-69	4%	3.4%	5.1%
	70-79	6%	4.8%	7.1%
	80+	8%	5.9%	10.3%
<b>Race/ Ethnicity</b>	White, Non-Hispanic	3%	2.3%	3.0%
	American Indian, Non-Hispanic	3%	2.3%	3.6%
	American Indian/White, Non-Hispanic	1%	0.2%	2.0%
	Hispanic	2%	1.1%	5.7%
<b>Household Income</b>	Less than \$35,000	4%	3.4%	4.9%
	\$35,000-\$74,999	2%	2.0%	3.1%
	\$75,000+	2%	1.2%	2.3%
<b>Education</b>	Less than High School, G.E.D.	4%	2.5%	5.9%
	High School, G.E.D.	3%	2.1%	3.1%
	Some Post-High School	3%	2.3%	3.3%
	College Graduate	2%	2.0%	2.8%
<b>Employment Status</b>	Employed for Wages	2%	1.2%	2.0%
	Self-employed	1%	0.8%	1.9%
	Unemployed	2%	0.7%	3.7%
	Homemaker	2%	1.2%	4.3%
	Student	1%	0.2%	3.1%
	Retired	6%	5.2%	7.0%
	Unable to Work	9%	7.1%	11.7%
<b>Marital Status</b>	Married/Unmarried Couple	3%	2.2%	3.1%
	Divorced/Separated	3%	2.6%	4.5%
	Widowed	6%	4.5%	7.1%
	Never Married	2%	1.2%	2.3%
<b>Home Ownership Status</b>	Own Home	3%	2.6%	3.3%
	Rent Home	2%	1.9%	2.9%
<b>Children Status</b>	Children in Household (Ages 18-44)	1%	0.8%	2.1%
	No Children in Household (Ages 18-44)	1%	0.4%	1.4%
<b>Phone Status</b>	Landline	4%	3.7%	5.1%
	Cell Phone	2%	1.8%	2.4%
<b>Pregnancy Status</b>	Pregnant (Ages 18-44)	5%	1.3%	18.9%
	Not Pregnant (Ages 18-44)	1%	0.6%	1.4%
<b>County</b>	Minnehaha	2%	1.6%	2.9%
	Pennington	3%	1.9%	3.4%
	Lincoln	2%	1.1%	4.3%
	Brown	3%	2.2%	4.2%
	Brookings	2%	1.4%	2.6%
	Codington	3%	1.8%	3.6%
	Meade	2%	1.0%	4.1%
	Lawrence	1%	0.7%	2.5%

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

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2016-2020

## **Demographics**

<b>Gender</b>	The prevalence of kidney disease does not seem to differ based on gender.
<b>Age</b>	The prevalence of kidney disease increases as age increases. This includes significant increases as the 40s and 60s are reached.
<b>Race/ Ethnicity</b>	Whites and American Indians demonstrate a very high prevalence of kidney disease, while American Indian/whites show a very low prevalence.
<b>Household Income</b>	The prevalence of kidney disease does not seem to change as household income changes.
<b>Education</b>	The prevalence of kidney disease decreases as education levels increase.
<b>Employment</b>	Those who are unable to work demonstrate a very high prevalence of kidney disease, while those who are employed for wages, self-employed, unemployed, a homemaker, or a student show a very low prevalence.
<b>Marital Status</b>	Those who are divorced or widowed exhibit a very high prevalence of kidney disease, while those who are married or have never been married show a very low prevalence.
<b>Home Ownership</b>	There seems to be no difference in the prevalence of kidney disease regarding home ownership.
<b>Children Status</b>	The prevalence of kidney disease among adults does not seem to change based on the presence of children in the household.
<b>Phone Status</b>	Those who primarily use a landline phone exhibit a significantly higher prevalence of kidney disease than those who primarily use a cell phone.
<b>Pregnancy Status</b>	The prevalence of kidney disease does not seem to change based on pregnancy status.
<b>County</b>	The prevalence of kidney disease does not seem to differ among the eight available counties.