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# Vision Impairment

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**Definition:** Respondents who answered “yes” to the question: “Do you have any trouble seeing, even when wearing glasses or contact lenses?”

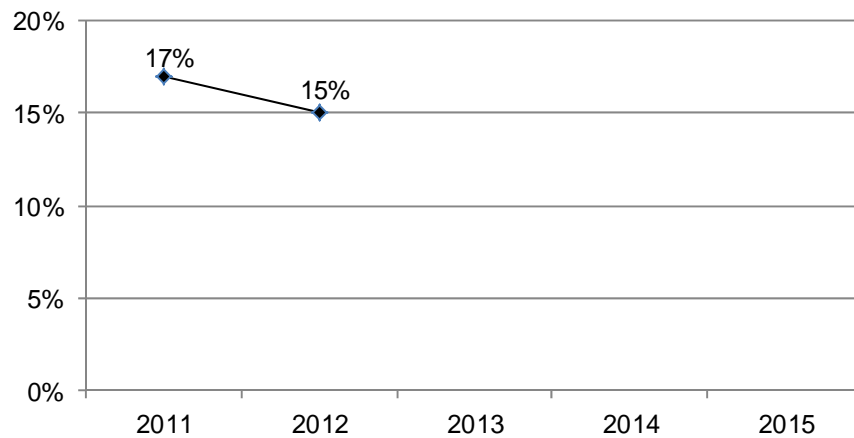
## Prevalence of Vision Impairment

- South Dakota 15%
- Nationwide median 15%

## Healthy People 2020 Objective

There was no stated Healthy People 2020 Objective for vision impairment.

**Figure 97**  
**Percent of Respondents Who Have Been Told They Have Vision Impairment, 2011-2012**



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

<b>Table 64</b>				
<b>Respondents Who Have Been Told They Have Vision Impairment, 2011-2012</b>				
		<b>2011-2012</b>	<b>2011</b>	<b>2012</b>
<b>Total</b>		<b>16%</b>	<b>17%</b>	<b>15%</b>
<b>Gender</b>	Male	14%	15%	13%
	Female	18%	19%	17%
<b>Age</b>	18-44	11%	10%	11%
	45-64	16%	15%	17%
	65+	28%	36%	21%
<b>Race</b>	White	16%	17%	14%
	American Indian	20%	*	*
<b>Ethnicity</b>	Hispanic	15%	*	*
	Non-Hispanic	16%	17%	15%
<b>Household Income</b>	Less than \$25,000	24%	24%	25%
	\$25,000-\$49,999	16%	16%	15%
	\$50,000+	10%	12%	8%
<b>Education</b>	High School, G.E.D., or Less	19%	20%	18%
	Some Post-High School	15%	17%	13%
	College Graduate	12%	13%	12%
<b>Employment Status</b>	Employed for Wages	11%	11%	12%
	Self-employed	10%	*	*
	Unemployed	21%	*	*
	Homemaker	16%	*	*
	Student	15%	*	*
	Retired	27%	34%	20%
	Unable to Work	37%	*	*
<b>Marital Status</b>	Married/Unmarried Couple	14%	14%	13%
	Divorced/Separated	22%	*	*
	Widowed	33%	*	*
	Never Married	14%	*	*
<b>Home Ownership Status</b>	Own Home	15%	17%	14%
	Rent Home	19%	19%	18%
<b>Children Status</b>	Children in Household (Ages 18-44)	9%	*	*
	No Children in Household (Ages 18-44)	14%	*	*
<b>Phone Status</b>	Landline	17%	18%	16%
	Cell Phone	13%	*	*
<b>Pregnancy Status</b>	Pregnant (Ages 18-44)	10%	*	*
	Not Pregnant (Ages 18-44)	12%	*	*

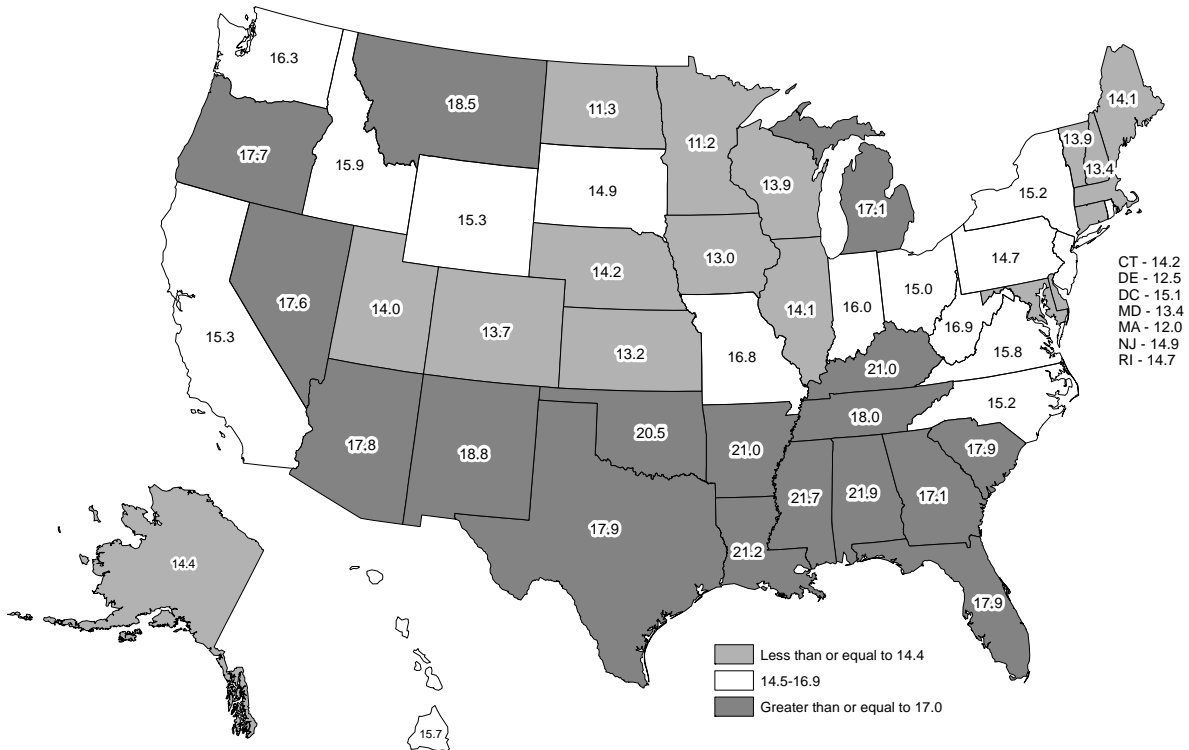
Note: \*Results based on small sample sizes have been suppressed.

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

### **National Statistics**

The national median for respondents who have vision impairment was 15.3 percent, as shown in Figure 98 on the following page. South Dakota had 14.9 percent of respondents with vision impairment. Minnesota had the lowest percent of respondents with vision impairment at 11.2 percent, while Alabama had the highest with 21.9 percent.

**Figure 98**  
**Nationally, Respondents Who Were Told They Have Vision Impairment, 2012**



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

**Further Analysis**

The following data show the percent of those who have vision impairment for various health behaviors and conditions. For example, 31 percent of respondents who have diabetes have vision impairment, while 15 percent of respondents who do not have diabetes have vision impairment.

<b>Health Behavior or Condition</b>	<b>% with Vision Impairment</b>
Underweight (BMI < 18.5)	12%
Recommended (BMI = 18.5-24.9)	16%
Overweight (BMI = 25.0-29.9)	15%
Obese - Class I (BMI = 30.0-34.9)	17%
Obese - Classes II & III (BMI = 35.0+)	18%
Leisure Time Exercise	14%
No Leisure Time Exercise	22%
Current Smoker	20%
Former Smoker	18%
Never Smoked	14%
Smokeless Tobacco	11%
No Smokeless Tobacco	16%
Diabetes	31%
No Diabetes	15%
High Blood Pressure	23%
No High Blood Pressure	13%

**Table 65 (continued)  
Vision Impairment Prevalence for Selected Health Behaviors and  
Conditions, 2011-2012**

<b>Health Behavior or Condition</b>	<b>% with Vision Impairment</b>
Health Insurance (18-64)	13%
No Health Insurance (18-64)	20%
Employer Based Coverage (18-64)	10%
Private Health Plan (18-64)	9%
Medicare (18-64)	34%
Medicaid or Medical Assistance (18-64)	23%
The Military, CHAMPUS, TriCare, or the VA (18-64)	19%
The Indian Health Service (18-64)	21%
Breast Exam Within Past Two Years	15%
No Breast Exam Within Past Two Years	22%
Mammogram Within Past Two Years (40+)	18%
No Mammogram Within Past Two Years (40+)	23%
Pap Smear Within Past Three Years	15%
No Pap Smear Within Past Three Years	22%
Blood Stool Test Within Past Two Years (50+)	16%
No Blood Stool Test Within Past Two Years (50+)	18%
Ever Had a Sigmoidoscopy or Colonoscopy (50+)	17%
Never Had a Sigmoidoscopy or Colonoscopy (50+)	20%
PSA Test Within the Past Two Years (40+)	15%
No PSA Test Within the Past Two Years (40+)	15%
Flu Shot (65+)	29%
No Flu Shot (65+)	27%
Pneumonia Shot (65+)	32%
No Pneumonia Shot (65+)	23%
Previously Had Heart Attack	31%
Never Had Heart Attack	15%
Have Angina or Coronary Heart Disease	34%
Do Not Have Angina or Coronary Heart Disease	15%
Previously Had a Stroke	40%
Never Had a Stroke	15%
Cancer	27%
No Cancer	15%
Skin Cancer	29%
No Skin Cancer	15%
Current Asthma	21%
Former Asthma	18%
Never Had Asthma	15%
Arthritis	27%
No Arthritis	12%
COPD	30%
No COPD	15%
Depression	30%
No Depression	13%
Kidney Disease	34%
No Kidney Disease	16%
Been to the Dentist in the Past Year	13%
Haven't Been to the Dentist in the Past Year	19%
Always/Almost Always Wear Seat Belt	16%
Sometimes/Seldom/Never Wear Seat Belt	15%
Drank Alcohol in Past 30 Days	13%
Did Not Drink Alcohol in Past 30 Days	20%
Binge Drinker	13%
Not a Binge Drinker	17%
Heavy Drinker	20%
Not a Heavy Drinker	16%

**Table 65 (continued)  
Vision Impairment Prevalence for Selected Health Behaviors and  
Conditions, 2011-2012**

<b>Health Behavior or Condition</b>	<b>% with Vision Impairment</b>
< 3 Sweetened Beverages per Day	16%
3+ Sweetened Beverages per Day	19%
Good/Very Good/Excellent Health Status	13%
Fair/Poor Health Status	33%
Physical Health Not Good for 0-29 Days of the Past 30	14%
Physical Health Not Good for 30 Days of the Past 30	38%
Mental Health Not Good for 0-19 Days of the Past 30	15%
Mental Health Not Good for 20-30 Days of the Past 30	33%
Usual Activities Unattainable for 0-9 Days of the Past 30	14%
Usual Activities Unattainable for 10-30 Days of the Past 30	35%
Physical, Mental, or Emotional Problems	31%
No Physical, Mental, or Emotional Problems	12%
Disability with Special Equipment Needed	40%
No Disability with Special Equipment Needed	14%
Heard of "Healthy South Dakota" Program	14%
Not Heard of "Healthy South Dakota" Program	16%
Injured in a Fall in Past 12 Months (45+)	33%
Not Injured in a Fall in Past 12 Months (45+)	16%
Been Tested for HIV (18-64)	16%
Never Been Tested for HIV (18-64)	16%

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