

# Disability

## PHYSICAL, MENTAL, OR EMOTIONAL DISABILITY

**Definition:** Respondents who answered “yes” to the question: “Are you limited in any way in any activities because of physical, mental, or emotional problems?”

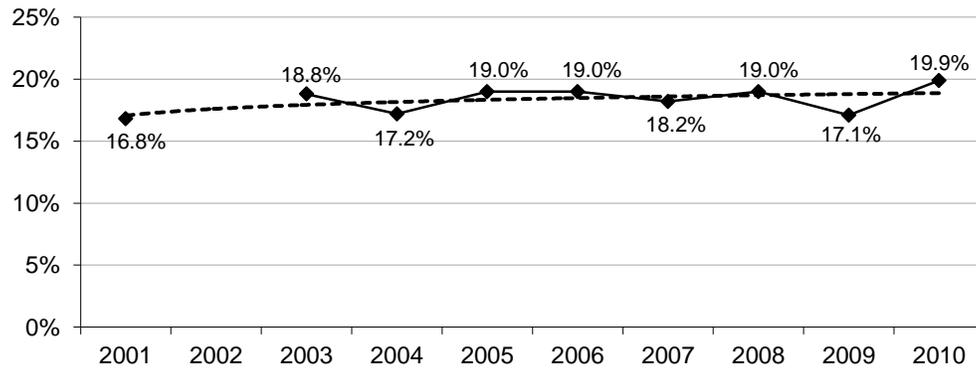
### Prevalence of Physical, Mental, or Emotional Disability

- South Dakota 24%
- Nationwide median 24%

### Healthy People 2020 Objective

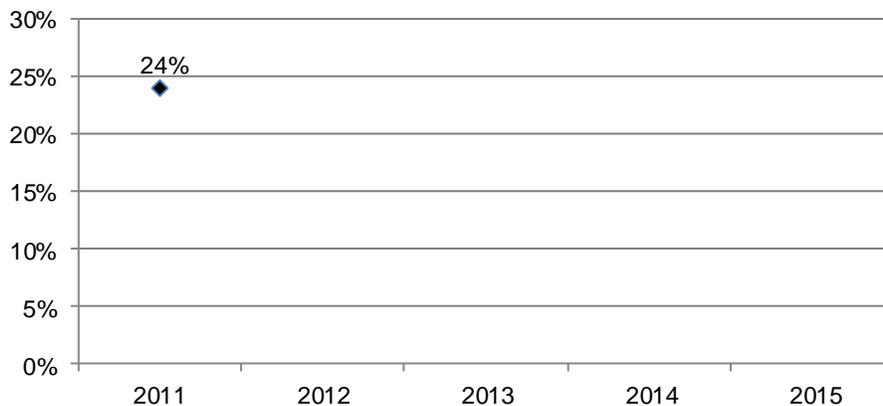
There was no comparable Healthy People 2020 Objective for physical, mental, or emotional disability.

**Figure 93**  
**Percent of Respondents Whose Activities Are Limited Due to Physical, Mental, or Emotional Problems, 2001, and 2003-2010**



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2001, and 2003-2010

**Figure 94**  
**Percent of Respondents Whose Activities Are Limited Due to Physical, Mental, or Emotional Problems, 2011**



Note: Beginning in 2011, the CDC began using a different methodology to weight the data, therefore current data estimates cannot be compared to previous years.

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

**Table 66**  
**Activities Limited Due to Physical, Mental, or Emotional Problems, 2011**

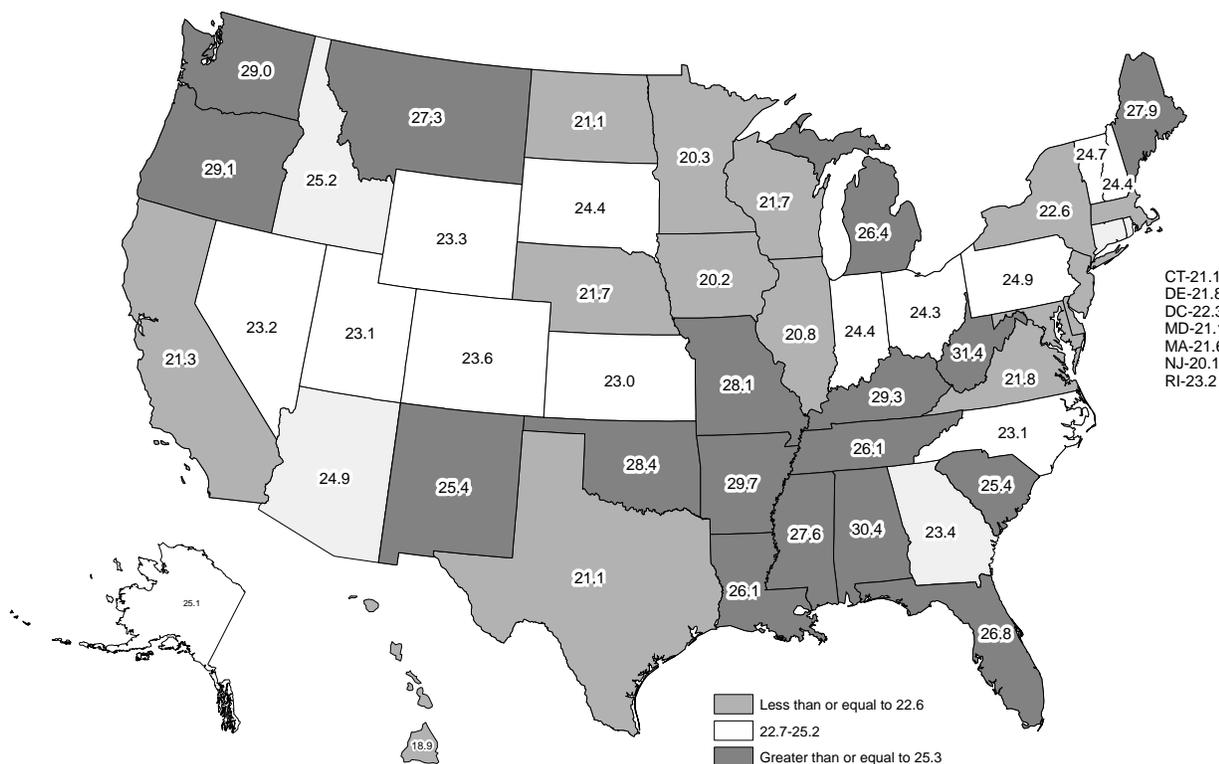
		# Resp.	% Activities Limited	95% CI	
				Lower	Upper
<b>Total</b>		<b>8,002</b>	<b>24%</b>	<b>23%</b>	<b>26%</b>
<b>Gender</b>	Male	3,198	23%	20%	25%
	Female	4,804	26%	24%	29%
<b>Age</b>	18-44	2,133	16%	14%	19%
	45-64	3,156	29%	26%	32%
	65+	2,669	35%	32%	39%
<b>Race</b>	White	6,905	24%	22%	26%
	American Indian	809	32%	24%	40%
<b>Ethnicity</b>	Hispanic	103	17%	10%	28%
	Non-Hispanic	7,888	25%	23%	26%
<b>Household Income</b>	Less than \$25,000	1,931	37%	33%	42%
	\$25,000-\$49,999	2,055	22%	18%	25%
	\$50,000+	2,853	17%	15%	20%
<b>Education</b>	High School, G.E.D., or Less	3,102	27%	24%	30%
	Some Post-High School	2,358	24%	21%	27%
	College Graduate	2,531	20%	18%	23%
<b>Employment Status</b>	Employed for Wages	3,544	17%	14%	19%
	Self-employed	871	16%	12%	20%
	Unemployed	320	32%	24%	40%
	Homemaker	447	26%	19%	35%
	Student	182	11%	5%	22%
	Retired	2,240	36%	32%	39%
<b>Marital Status</b>	Unable to Work	387	87%	79%	92%
	Married/Unmarried Couple	4,670	23%	20%	25%
	Divorced/Separated	1,060	38%	33%	44%
	Widowed	1,208	38%	33%	43%
<b>Home Ownership Status</b>	Never Married	1,055	18%	14%	23%
	Own Home	6,080	22%	21%	24%
<b>Children Status</b>	Rent Home	1,619	30%	26%	34%
	Children in Household (Ages 18-44)	1,455	18%	15%	22%
<b>Phone Status</b>	No Children in Household (Ages 18-44)	676	14%	10%	19%
	Landline	7,045	26%	24%	28%
	Cell Phone	957	18%	15%	21%

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

### National Statistics

The national median for respondents whose activities are limited due to physical, mental, or emotional problems was 24.3 percent, as shown in Figure 95 on the next page. South Dakota had 24.4 percent of respondents whose activities are limited due to physical, mental, or emotional problems. Hawaii had the lowest percent of respondents whose activities are limited due to physical, mental, or emotional problems with 18.9 percent, while West Virginia had the highest with 31.4 percent.

**Figure 95**  
**Nationally, Respondents' Activities Limited Due to Physical, Mental,**  
**or Emotional Problems, 2011**



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

**Further Analysis**

The following data show the percent of those who are limited because of a disability for various health behaviors and conditions. For example, 30 percent of respondents who are current smokers are limited because of a disability, while 19 percent of respondents who have never smoked are limited because of a disability.

Health Behavior or Condition	# Respondents	% Activities Limited	95% CI	
			Lower	Upper
Underweight (BMI < 18.5)	*	*	*	*
Recommended (BMI = 18.5-24.9)	2,409	20%	17%	23%
Overweight (BMI = 25.0-29.9)	2,851	21%	19%	24%
Obese - Class I (BMI = 30.0-34.9)	1,468	30%	26%	35%
Obese - Classes II & III (BMI = 35.0+)	761	36%	30%	43%
Leisure Time Exercise	5,760	21%	19%	24%
No Leisure Time Exercise	2,234	33%	29%	36%
Meet Aerobic Recommendations	3,725	20%	17%	22%
Did Not Meet Aerobic Recommendations	4,070	28%	26%	31%
At Least Five Servings of Fruits and Vegetables	1,039	27%	22%	32%
Less Than Five Servings of Fruits and Vegetables	6,921	24%	22%	26%

**Table 67 (continued)**  
**Activities Limited Due to Physical, Mental, or Emotional Problems for Selected Health Behaviors and Conditions, 2011**

Health Behavior or Condition	# Respondents	% Activities Limited	95% CI	
			Lower	Upper
Current Smoker	1,427	30%	26%	35%
Former Smoker	2,403	30%	27%	34%
Never Smoked	4,144	19%	17%	21%
Smokeless Tobacco	382	19%	12%	28%
No Smokeless Tobacco	7,620	25%	23%	27%
Diabetes	965	41%	35%	47%
No Diabetes	7,028	23%	21%	25%
High Blood Pressure	3,116	34%	31%	38%
No High Blood Pressure	4,875	20%	18%	22%
High Blood Cholesterol	2,797	37%	33%	40%
No High Blood Cholesterol	3,922	22%	20%	25%
Flu Shot (65+)	1,870	39%	35%	43%
No Flu Shot (65+)	777	28%	23%	34%
Pneumonia Shot (65+)	1,746	40%	36%	45%
No Pneumonia Shot (65+)	814	24%	20%	30%
Drank Alcohol in Past 30 Days	4,238	19%	17%	22%
Did Not Drink Alcohol in Past 30 Days	3,686	32%	29%	35%
Binge Drinker	1,208	14%	11%	18%
Not a Binge Drinker	6,675	27%	25%	30%
Heavy Drinker	403	17%	11%	24%
Not a Heavy Drinker	7,454	25%	23%	27%
Always/Almost Always Wear Seat Belt	6,763	24%	22%	26%
Sometimes/Seldom/Never Wear Seat Belt	1,199	25%	20%	30%
Previously Had Heart Attack	550	54%	46%	62%
Never Had Heart Attack	7,418	23%	21%	25%
Have Angina or Coronary Heart Disease	523	65%	58%	72%
Do Not Have Angina or Coronary Heart Disease	7,416	22%	21%	24%
Previously Had a Stroke	297	62%	51%	71%
Never Had a Stroke	7,690	23%	22%	25%
Cancer	1,328	40%	35%	45%
No Cancer	6,644	22%	20%	24%
Skin Cancer	741	39%	33%	45%
No Skin Cancer	7,242	23%	22%	25%
Current Asthma	624	45%	38%	52%
Former Asthma	248	19%	13%	28%
Never Had Asthma	7,083	23%	21%	25%
Arthritis	2,511	51%	47%	55%
No Arthritis	5,452	16%	14%	18%
COPD	542	67%	59%	74%
No COPD	7,434	22%	20%	24%
Depression	1,287	46%	41%	51%
No Depression	6,691	20%	18%	22%
Kidney Disease	249	51%	41%	62%
No Kidney Disease	7,735	24%	22%	26%
Vision Impairment	1,719	41%	36%	46%
No Vision Impairment	6,245	21%	19%	23%
Good/Very Good/Excellent Health Status	6,669	18%	16%	20%
Fair/Poor Health Status	1,324	63%	58%	68%
Physical Health Not Good for 0-29 Days of the Past 30	7,331	21%	19%	23%
Physical Health Not Good for 30 Days of the Past 30	530	78%	71%	84%

**Table 67 (continued)**  
**Activities Limited Due to Physical, Mental, or Emotional Problems for Selected Health Behaviors and Conditions, 2011**

Health Behavior or Condition	# Respondents	% Activities Limited	95% CI	
			Lower	Upper
Mental Health Not Good for 0-19 Days of the Past 30	7,467	22%	21%	24%
Mental Health Not Good for 20-30 Days of the Past 30	413	50%	41%	60%
Usual Activities Unattainable for 0-9 Days of the Past 30	7,363	19%	18%	21%
Usual Activities Unattainable for 10-30 Days of the Past 30	562	85%	80%	89%
Disability with Special Equipment Needed	818	75%	69%	81%
No Disability with Special Equipment Needed	7,180	21%	19%	22%
Been Tested for HIV (18-64)	1,581	29%	25%	33%
Never Been Tested for HIV (18-64)	6,151	23%	21%	25%

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

## **DISABILITY WITH SPECIAL EQUIPMENT NEEDED**

**Definition:** Respondents who answered “yes” to the question: “Do you have any health problem that requires you to use special equipment, such as a cane, a wheelchair, a special bed, or a special telephone?”

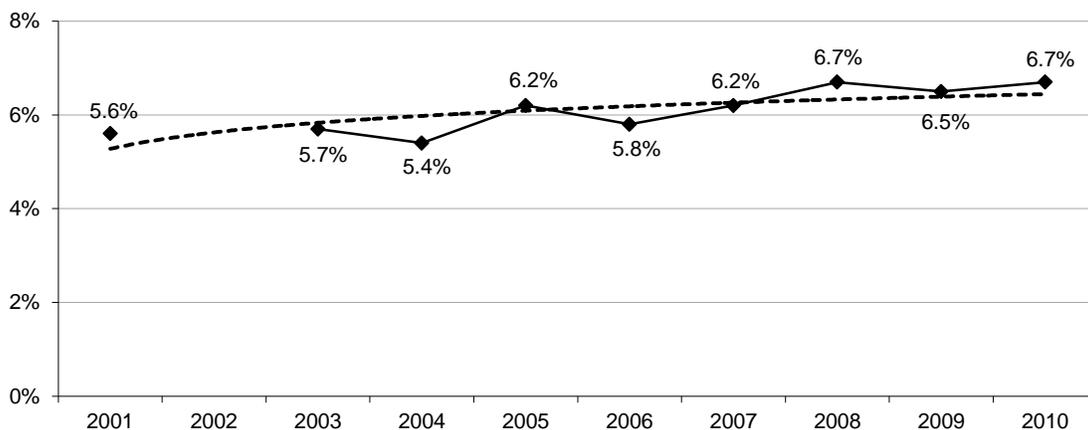
### **Prevalence of Disability with Special Equipment Needed**

- South Dakota 7%
- Nationwide median 8%

### **Healthy People 2020 Objective**

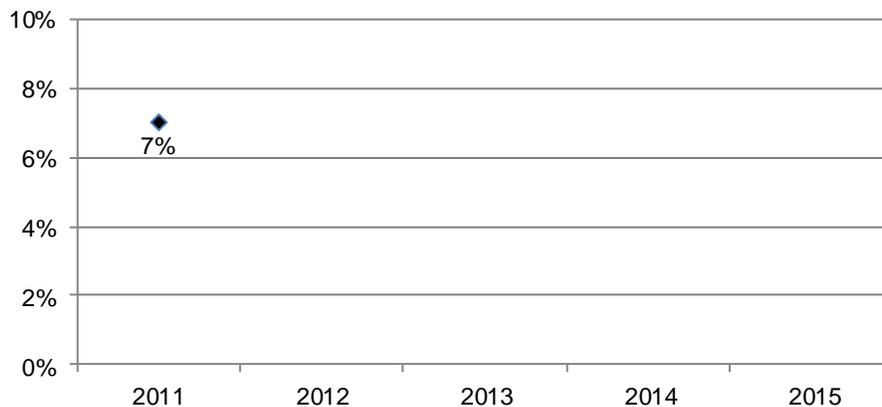
There was no comparable Healthy People 2020 Objective for disability with special equipment needed.

**Figure 96**  
**Percent of Respondents Who Have a Disability With Special Equipment Needed, 2001, and 2003-2010**



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2001, and 2003-2010

**Figure 97**  
**Percent of Respondents Who Have a Disability With Special Equipment Needed, 2011**



Note: Beginning in 2011, the CDC began using a different methodology to weight the data, therefore current data estimates cannot be compared to previous years.

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

**Table 68  
Respondents' Disability with Special Equipment Needed, 2011**

		# Resp.	% With Special Equipment Needed	95% CI	
				Lower	Upper
<b>Total</b>		<b>8,014</b>	<b>7%</b>	<b>6%</b>	<b>8%</b>
<b>Gender</b>	Male	3,205	6%	5%	8%
	Female	4,809	8%	7%	10%
<b>Age</b>	18-44	2,133	2%	1%	4%
	45-64	3,162	7%	6%	9%
	65+	2,675	18%	15%	21%
<b>Race</b>	White	6,914	7%	6%	8%
	American Indian	810	11%	6%	19%
<b>Ethnicity</b>	Hispanic	103	4%	2%	8%
	Non-Hispanic	7,899	7%	6%	8%
<b>Household Income</b>	Less than \$25,000	1,936	15%	12%	18%
	\$25,000-\$49,999	2,056	4%	3%	6%
	\$50,000+	2,857	3%	2%	5%
<b>Education</b>	High School, G.E.D., or Less	3,106	8%	7%	10%
	Some Post-High School	2,360	6%	5%	8%
	College Graduate	2,537	6%	4%	8%
<b>Employment Status</b>	Employed for Wages	3,547	2%	1%	3%
	Self-employed	871	1%	0%	2%
	Unemployed	322	9%	5%	16%
	Homemaker	447	8%	5%	15%
	Student	182	1%	0%	4%
	Retired	2,247	17%	14%	19%
	Unable to Work	387	42%	33%	52%
<b>Marital Status</b>	Married/Unmarried Couple	4,678	5%	4%	7%
	Divorced/Separated	1,061	14%	10%	18%
	Widowed	1,211	21%	17%	26%
	Never Married	1,055	3%	2%	5%
<b>Home Ownership Status</b>	Own Home	6,091	6%	5%	7%
	Rent Home	1,619	11%	9%	14%
<b>Children Status</b>	Children in Household (Ages 18-44)	1,454	2%	1%	4%
	No Children in Household (Ages 18-44)	677	3%	2%	6%
<b>Phone Status</b>	Landline	7,055	8%	7%	9%
	Cell Phone	959	3%	2%	4%

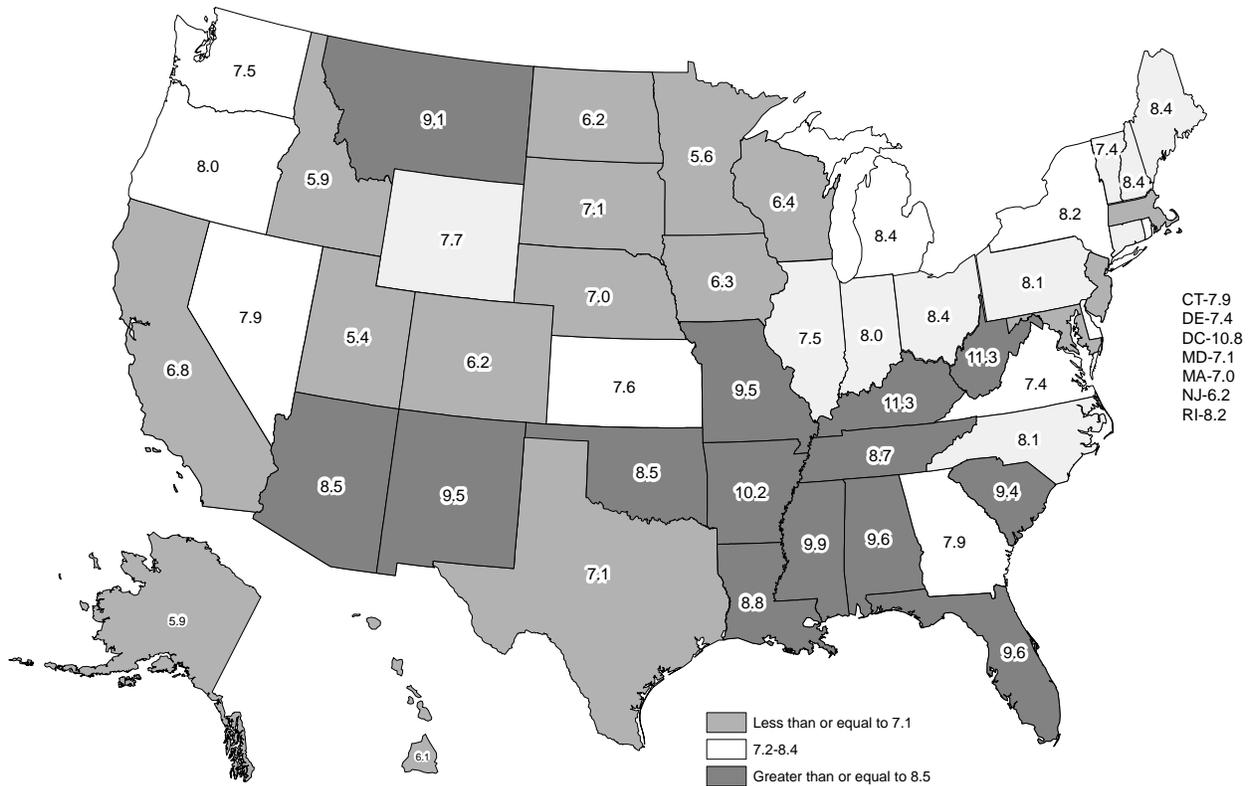
Note: \*Results based on sample sizes less than 100 have been suppressed.

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

### National Statistics

The national median for respondents with a disability who need special equipment was 7.9 percent, as shown in Figure 98 on the next page. South Dakota had 7.1 percent of respondents with a disability who need special equipment. Utah had the lowest percent of respondents with a disability who need special equipment with 5.4 percent, while West Virginia had the highest with 11.3 percent.

**Figure 98**  
**Nationally, Respondents' Disability with Special Equipment Needed, 2011**



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

**Further Analysis**

The following data show the percentages of those who use special equipment because of a disability for various health behaviors and conditions. For example, 24 percent of respondents who stated they have fair or poor health use special equipment because of a disability, while four percent of respondents who stated they have excellent, very good, or good health use special equipment because of a disability.

**Table 69**  
**Disability with Special Equipment Needed for Selected Health Behaviors and Conditions, 2011**

Health Behavior or Condition	# Respondents	% With Special Equipment Needed	95% CI	
			Lower	Upper
Underweight (BMI < 18.5)	*	*	*	*
Recommended (BMI = 18.5-24.9)	2,410	6%	4%	7%
Overweight (BMI = 25.0-29.9)	2,856	6%	4%	7%
Obese - Class I (BMI = 30.0-34.9)	1,472	7%	5%	10%
Obese - Classes II & III (BMI = 35.0+)	762	14%	11%	19%
Leisure Time Exercise	5,766	6%	5%	7%
No Leisure Time Exercise	2,240	11%	9%	14%
Meet Aerobic Recommendations	3,730	6%	5%	8%
Did Not Meet Aerobic Recommendations	4,076	8%	7%	9%
At Least Five Servings of Fruits and Vegetables	1,040	12%	8%	17%
Less Than Five Servings of Fruits and Vegetables	6,933	7%	6%	8%
Current Smoker	1,429	7%	5%	10%
Former Smoker	2,406	10%	8%	12%
Never Smoked	4,150	6%	5%	7%

**Table 69 (continued)**  
**Disability with Special Equipment Needed for Selected Health Behaviors and Conditions,**  
**2011**

Health Behavior or Condition	# Respondents	% With Special Equipment Needed	95% CI	
			Lower	Upper
Smokeless Tobacco	384	2%	1%	3%
No Smokeless Tobacco	7,630	8%	7%	9%
Diabetes	968	22%	17%	27%
No Diabetes	7,037	6%	5%	7%
High Blood Pressure	3,125	13%	11%	15%
No High Blood Pressure	4,878	4%	3%	6%
High Blood Cholesterol	2,800	10%	8%	12%
No High Blood Cholesterol	3,925	7%	6%	9%
Flu Shot (65+)	1,874	20%	17%	23%
No Flu Shot (65+)	779	14%	10%	19%
Pneumonia Shot (65+)	1,750	21%	18%	25%
No Pneumonia Shot (65+)	815	10%	7%	14%
Drank Alcohol in Past 30 Days	4,242	4%	3%	5%
Did Not Drink Alcohol in Past 30 Days	3,697	12%	10%	14%
Binge Drinker	1,209	2%	1%	4%
Not a Binge Drinker	6,689	8%	7%	10%
Heavy Drinker	404	2%	1%	4%
Not a Heavy Drinker	7,468	7%	6%	9%
Always/Almost Always Wear Seat Belt	6,773	7%	6%	8%
Sometimes/Seldom/Never Wear Seat Belt	1,204	6%	4%	10%
Previously Had Heart Attack	550	24%	18%	30%
Never Had Heart Attack	7,429	6%	5%	7%
Have Angina or Coronary Heart Disease	524	28%	22%	36%
Do Not Have Angina or Coronary Heart Disease	7,426	6%	5%	7%
Previously Had a Stroke	297	43%	32%	55%
Never Had a Stroke	7,700	6%	5%	7%
Cancer	1,330	17%	13%	21%
No Cancer	6,654	6%	5%	7%
Skin Cancer	741	16%	12%	21%
No Skin Cancer	7,254	7%	6%	8%
Current Asthma	625	15%	11%	21%
Former Asthma	249	9%	4%	18%
Never Had Asthma	7,092	6%	5%	7%
Arthritis	2,520	17%	14%	20%
No Arthritis	5,455	4%	3%	5%
COPD	543	24%	18%	31%
No COPD	7,445	6%	5%	7%
Depression	1,291	15%	12%	19%
No Depression	6,697	5%	5%	6%
Kidney Disease	249	29%	20%	39%
No Kidney Disease	7,746	7%	6%	8%
Vision Impairment	1,721	19%	16%	22%
No Vision Impairment	6,255	5%	4%	6%
Good/Very Good/Excellent Health Status	6,676	4%	3%	5%
Fair/Poor Health Status	1,329	24%	21%	29%
Physical Health Not Good for 0-29 Days of the Past 30	7,339	5%	4%	6%
Physical Health Not Good for 30 Days of the Past 30	531	39%	32%	48%
Mental Health Not Good for 0-19 Days of the Past 30	7,477	6%	5%	7%
Mental Health Not Good for 20-30 Days of the Past 30	413	17%	12%	24%
Usual Activities Unattainable for 0-9 Days of the Past 30	7,372	5%	4%	6%
Usual Activities Unattainable for 10-30 Days of the Past 30	565	29%	23%	36%
Physical, Mental, or Emotional Problems	2,313	22%	19%	25%
No Physical, Mental, or Emotional Problems	5,685	2%	2%	3%
Been Tested for HIV (18-64)	1,584	7%	5%	9%
Never Been Tested for HIV (18-64)	6,162	7%	6%	8%

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