Alcohol Use

DRANK IN PAST **30** DAYS

Definition: Respondents who report drinking alcohol in the past 30 days.
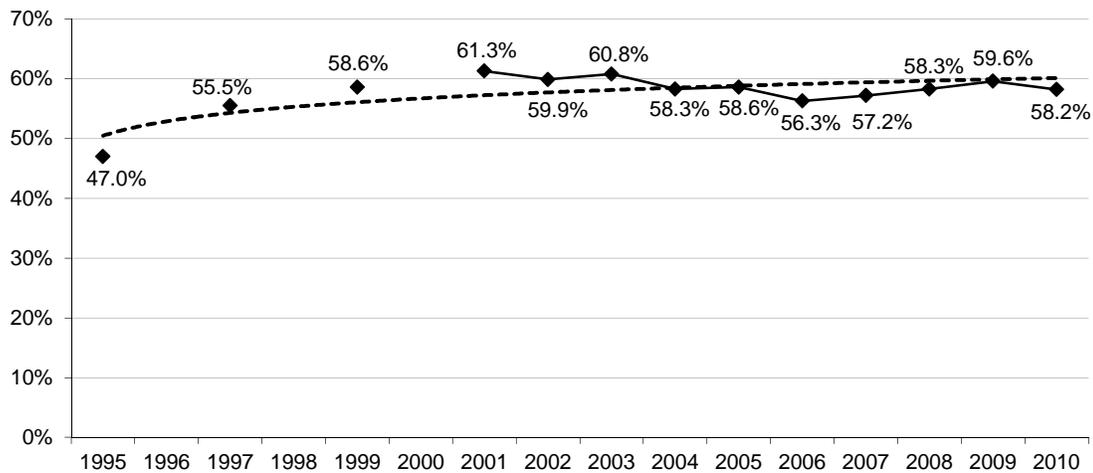
Prevalence of Drinking in Past 30 Days

o   South Dakota 58%
o   Nationwide median 55%

Healthy People 2020 Objective

There was no comparable Healthy People 2020 Objective for drinking alcohol in the past 30 days.

Figure 105
Percent of Respondents Who Drank Alcohol in the Past 30 Days,
1995, 1997, 1999, and 2001-2010

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 1995, 1997, 1999, and 2001-2010

Figure 106
Percent of Respondents Who Drank Alcohol in the Past 30 Days, 2011-2012
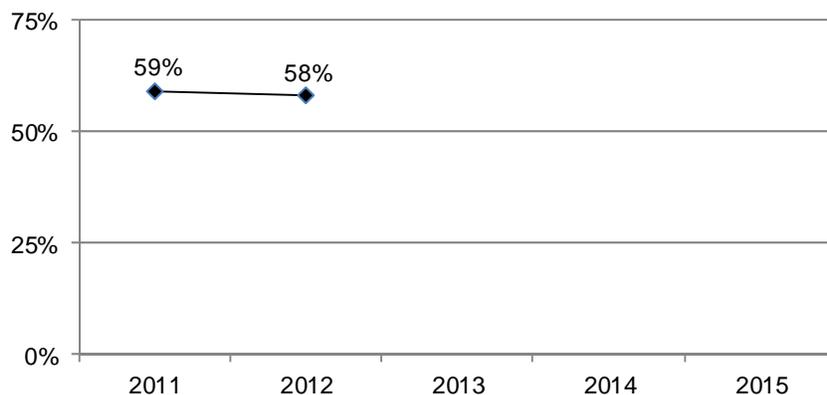
Note: Beginning in 2011, the CDC began using a different methodology to weight the data, therefore current data estimates cannot be compared to previous years.
Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2011-2012

| Table 70 Respondents Who Drank Alcohol in Past 30 Days, 2011-2012		2011-2012	2011	2012
Total		**59%**	**59%**	**58%**
Gender	Male	64%	64%	64%
	Female	53%	54%	53%
Age	18-44	66%	67%	64%
	45-64	61%	60%	62%
	65+	38%	38%	39%
Race	White	60%	60%	60%
	American Indian	41%	*	*
Ethnicity	Hispanic	60%	*	*
	Non-Hispanic	59%	59%	58%
Household Income	Less than $25,000	46%	47%	45%
	$25,000-$49,999	57%	57%	57%
	$50,000+	73%	75%	72%
Education	High School, G.E.D., or Less	48%	48%	49%
	Some Post-High School	65%	66%	63%
	College Graduate	68%	69%	68%
Employment Status	Employed for Wages	66%	67%	65%
	Self-employed	67%	*	*
	Unemployed	52%	*	*
	Homemaker	49%	*	*
	Student	58%	*	*
	Retired	43%	41%	45%
	Unable to Work	32%	*	*
Marital Status	Married/Unmarried Couple	63%	63%	63%
	Divorced/Separated	54%	*	*
	Widowed	31%	*	*
	Never Married	59%	*	*
Home Ownership Status	Own Home	61%	61%	60%
	Rent Home	55%	55%	54%
Children Status	Children in Household (Ages 18-44)	65%	*	*
	No Children in Household (Ages 18-44)	67%	*	*
Phone Status	Landline	56%	57%	55%
	Cell Phone	65%	*	*
Pregnancy Status	Pregnant (Ages 18-44)	7%	*	*
	Not Pregnant (Ages 18-44)	63%	*	*

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 drank in the past 30 days was 55.3 percent, as shown in Figure 107 on the following page. South Dakota had 58.4 percent of respondents who drank in the past 30 days. Utah had the lowest percent of respondents who drank in the past 30 days with 29.0 percent, while Vermont had the highest with 65.4 percent.

Figure 107
Nationally, Respondents Who Drank Alcohol in Past 30 Days, 2012
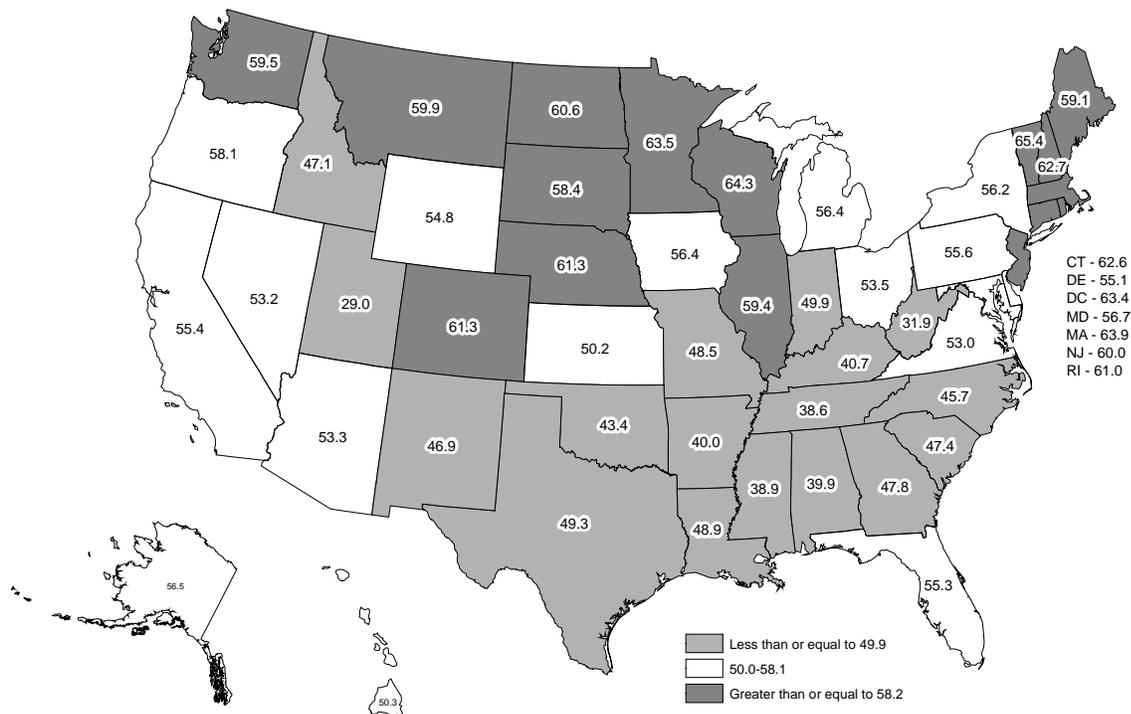
Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2012

Further Analysis

The following data show the percent of those who drank alcohol in the past 30 days for various health behaviors and conditions. For example, 53 percent of respondents who have high blood pressure drank alcohol in the past 30 days, while 61 percent of respondents who do not have high blood pressure drank alcohol in the past 30 days.

Table 71 Drank Alcohol in Past 30 Days for Selected Health Behaviors and Conditions, 2011-2012	
Health Behavior or Condition	**% Drank Alcohol in Past 30 Days**
Underweight (BMI < 18.5)	44%
Recommended (BMI = 18.5-24.9)	61%
Overweight (BMI = 25.0-29.9)	61%
Obese - Class I (BMI = 30.0-34.9)	59%
Obese - Classes II & III (BMI = 35.0+)	54%
Leisure Time Exercise	62%
No Leisure Time Exercise	49%
Current Smoker	63%
Former Smoker	59%
Never Smoked	57%
Smokeless Tobacco	70%
No Smokeless Tobacco	58%
Diabetes	37%
No Diabetes	61%
High Blood Pressure	53%
No High Blood Pressure	61%

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Table 71 (continued)
Drank Alcohol in Past 30 Days for Selected Health Behaviors and Conditions, 2011-2012

Health Behavior or Condition	% Drank Alcohol in Past 30 Days
Health Insurance (18-64)	64%
No Health Insurance (18-64)	57%
Employer Based Coverage (18-64)	69%
Private Health Plan (18-64)	66%
Medicare (18-64)	31%
Medicaid or Medical Assistance (18-64)	35%
The Military, CHAMPUS, TriCare, or the VA (18-64)	64%
The Indian Health Service (18-64)	48%
Breast Exam Within Past Two Years	57%
No Breast Exam Within Past Two Years	42%
Mammogram Within Past Two Years (40+)	53%
No Mammogram Within Past Two Years (40+)	44%
Pap Smear Within Past Three Years	60%
No Pap Smear Within Past Three Years	38%
Blood Stool Test Within Past Two Years (50+)	50%
No Blood Stool Test Within Past Two Years (50+)	52%
Ever Had a Sigmoidoscopy or Colonoscopy (50+)	54%
Never Had a Sigmoidoscopy or Colonoscopy (50+)	48%
PSA Test Within the Past Two Years (40+)	63%
No PSA Test Within the Past Two Years (40+)	59%
Flu Shot (65+)	37%
No Flu Shot (65+)	40%
Pneumonia Shot (65+)	36%
No Pneumonia Shot (65+)	42%
Previously Had Heart Attack	39%
Never Had Heart Attack	60%
Have Angina or Coronary Heart Disease	43%
Do Not Have Angina or Coronary Heart Disease	59%
Previously Had a Stroke	33%
Never Had a Stroke	59%
Cancer	46%
No Cancer	60%
Skin Cancer	46%
No Skin Cancer	59%
Current Asthma	51%
Former Asthma	57%
Never Had Asthma	59%
Arthritis	48%
No Arthritis	62%
COPD	41%
No COPD	60%
Depression	53%
No Depression	60%
Kidney Disease	38%
No Kidney Disease	59%
Vision Impairment	49%
No Vision Impairment	60%
Been to the Dentist in the Past Year	61%
Haven't Been to the Dentist in the Past Year	53%
Always/Almost Always Wear Seat Belt	58%
Sometimes/Seldom/Never Wear Seat Belt	62%
< 3 Sweetened Beverages per Day	58%
3+ Sweetened Beverages per Day	56%

Table 71 (continued) Drank Alcohol in Past 30 Days for Selected Health Behaviors and Conditions, 2011-2012	
Health Behavior or Condition	**% Drank Alcohol in Past 30 Days**
Good/Very Good/Excellent Health Status	62%
Fair/Poor Health Status	40%
Physical Health Not Good for 0-29 Days of the Past 30	60%
Physical Health Not Good for 30 Days of the Past 30	35%
Mental Health Not Good for 0-19 Days of the Past 30	59%
Mental Health Not Good for 20-30 Days of the Past 30	52%
Usual Activities Unattainable for 0-9 Days of the Past 30	60%
Usual Activities Unattainable for 10-30 Days of the Past 30	43%
Physical, Mental, or Emotional Problems	45%
No Physical, Mental, or Emotional Problems	62%
Disability with Special Equipment Needed	35%
No Disability with Special Equipment Needed	60%
Heard of "Healthy South Dakota" Program	60%
Not Heard of "Healthy South Dakota" Program	57%
Injured in a Fall in Past 12 Months (45+)	48%
Not Injured in a Fall in Past 12 Months (45+)	54%
Been Tested for HIV (18-64)	61%
Never Been Tested for HIV (18-64)	58%

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

BINGE DRINKING

Definition: Male respondents who report having five or more alcoholic drinks on one occasion or female respondents who have four or more alcoholic drinks on one occasion, one or more times in the past month.
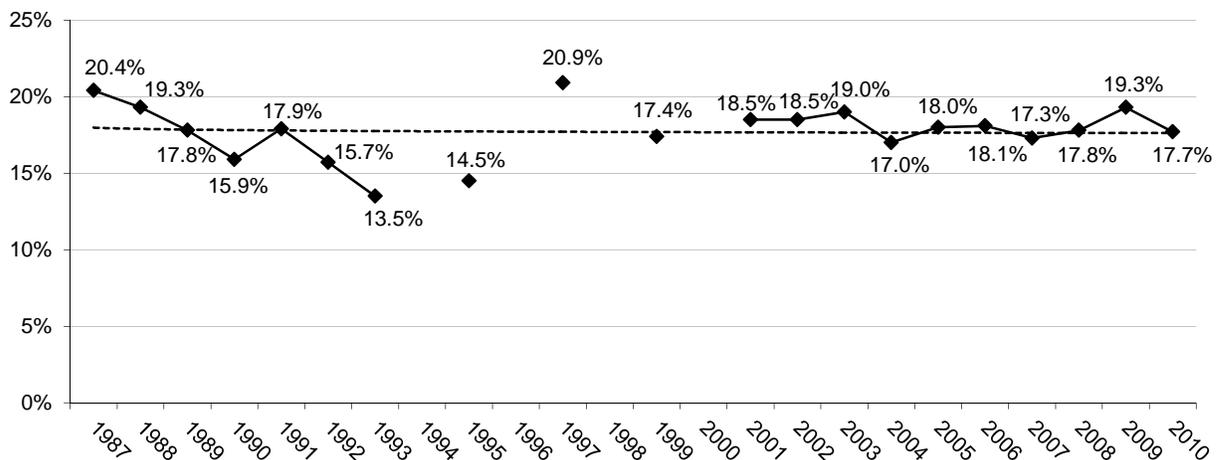
Prevalence of Binge Drinking

o South Dakota 21%
o Nationwide median 17%

Healthy People 2020 Objective

There was no comparable Healthy People 2020 Objective for binge drinking.

Figure 108
Percent of Respondents Who Engage in Binge Drinking,
1987-1993, 1995, 1997, 1999, and 2001-2010

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 1987-1993, 1995, 1997, 1999, and 2001-2010

Figure 109
Percent of Respondents Who Engage in Binge Drinking, 2011-2012
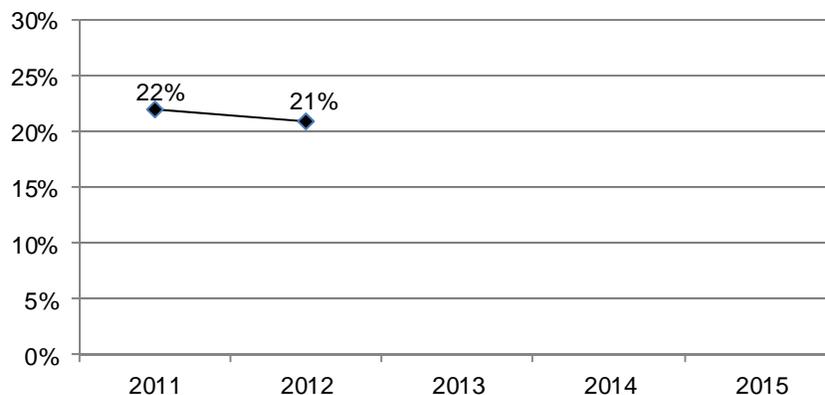
Note: Beginning in 2011, the CDC began using a different methodology to weight the data, therefore current data estimates cannot be compared to previous years.
Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2011-2012

| Table 72 Respondents Who Engage in Binge Drinking, 2011-2012		2011-2012	2011	2012
Total		**21%**	**22%**	**21%**
Gender	Male	28%	29%	27%
	Female	15%	16%	14%
Age	18-44	33%	36%	31%
	45-64	16%	15%	16%
	65+	4%	3%	5%
Race	White	21%	22%	20%
	American Indian	25%	*	*
Ethnicity	Hispanic	27%	*	*
	Non-Hispanic	21%	22%	20%
Household Income	Less than $25,000	21%	21%	21%
	$25,000-$49,999	20%	20%	19%
	$50,000+	25%	27%	24%
Education	High School, G.E.D., or Less	18%	18%	19%
	Some Post-High School	24%	26%	22%
	College Graduate	22%	23%	22%
Employment Status	Employed for Wages	26%	27%	25%
	Self-employed	24%	*	*
	Unemployed	29%	*	*
	Homemaker	14%	*	*
	Student	32%	*	*
	Retired	5%	5%	6%
	Unable to Work	12%	*	*
Marital Status	Married/Unmarried Couple	19%	20%	18%
	Divorced/Separated	20%	*	*
	Widowed	5%	*	*
	Never Married	34%	*	*
Home Ownership Status	Own Home	19%	19%	18%
	Rent Home	28%	30%	27%
Children Status	Children in Household (Ages 18-44)	30%	*	*
	No Children in Household (Ages 18-44)	39%	*	*
Phone Status	Landline	17%	19%	13%
	Cell Phone	33%	*	*
Pregnancy Status	Pregnant (Ages 18-44)	1%	*	*
	Not Pregnant (Ages 18-44)	25%	*	*

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 binge drink is 16.9 percent, as shown in Figure 110 on the next page. South Dakota had 20.6 percent of respondents who binge drink. West Virginia had the lowest percent of respondents who binge drink with 10.2 percent, while Wisconsin had the highest with 25.2 percent.

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Figure 110
Nationally, Respondents Who Engage in Binge Drinking, 2012
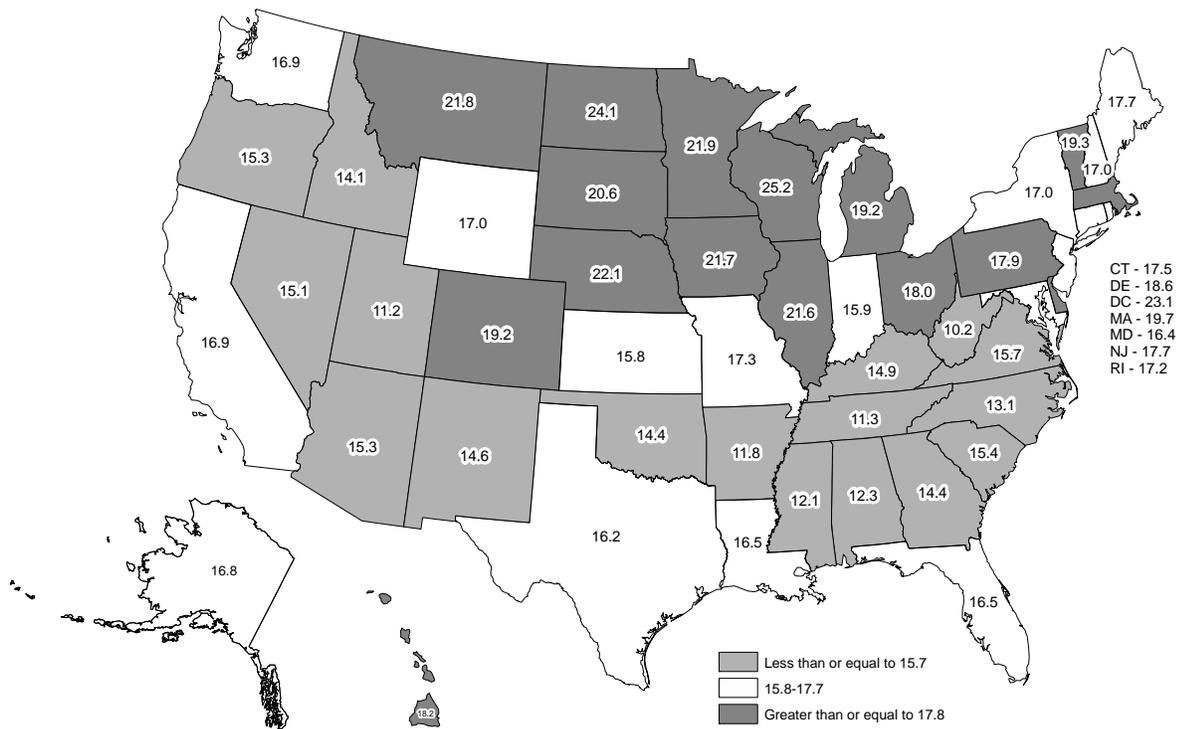
Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2012

Further Analysis

The following data show the percent of those who engage in binge drinking for various health behaviors and conditions. For example, 45 percent of respondents who use smokeless tobacco also engage in binge drinking, while 20 percent of respondents who do not use smokeless tobacco engage in binge drinking.

Table 73 Binge Drinking for Selected Health Behaviors and Conditions, 2011-2012	
Health Behavior or Condition	**% Binge Drinkers**
Underweight (BMI < 18.5)	15%
Recommended (BMI = 18.5-24.9)	22%
Overweight (BMI = 25.0-29.9)	24%
Obese - Class I (BMI = 30.0-34.9)	20%
Obese - Classes II & III (BMI = 35.0+)	21%
Leisure Time Exercise	22%
No Leisure Time Exercise	18%
Current Smoker	36%
Former Smoker	18%
Never Smoked	17%
Smokeless Tobacco	45%
No Smokeless Tobacco	20%
Diabetes	10%
No Diabetes	22%

Table 73 (continued) Binge Drinking for Selected Health Behaviors and Conditions, 2011-2012	
Health Behavior or Condition	**% Binge Drinkers**
High Blood Pressure	17%
No High Blood Pressure	23%
Health Insurance (18-64)	24%
No Health Insurance (18-64)	28%
Employer Based Coverage (18-64)	24%
Private Health Plan (18-64)	23%
Medicare (18-64)	10%
Medicaid or Medical Assistance (18-64)	18%
The Military, CHAMPUS, TriCare, or the VA (18-64)	25%
The Indian Health Service (18-64)	33%
Breast Exam Within Past Two Years	14%
No Breast Exam Within Past Two Years	13%
Mammogram Within Past Two Years (40+)	8%
No Mammogram Within Past Two Years (40+)	11%
Pap Smear Within Past Three Years	19%
No Pap Smear Within Past Three Years	10%
Blood Stool Test Within Past Two Years (50+)	9%
No Blood Stool Test Within Past Two Years (50+)	10%
Ever Had a Sigmoidoscopy or Colonoscopy (50+)	8%
Never Had a Sigmoidoscopy or Colonoscopy (50+)	12%
PSA Test Within the Past Two Years (40+)	13%
No PSA Test Within the Past Two Years (40+)	21%
Flu Shot (65+)	3%
No Flu Shot (65+)	5%
Pneumonia Shot (65+)	3%
No Pneumonia Shot (65+)	5%
Previously Had Heart Attack	8%
Never Had Heart Attack	22%
Have Angina or Coronary Heart Disease	8%
Do Not Have Angina or Coronary Heart Disease	22%
Previously Had a Stroke	6%
Never Had a Stroke	22%
Cancer	10%
No Cancer	23%
Skin Cancer	7%
No Skin Cancer	22%
Current Asthma	18%
Former Asthma	25%
Never Had Asthma	21%
Arthritis	11%
No Arthritis	25%
COPD	13%
No COPD	22%
Depression	21%
No Depression	21%
Kidney Disease	10%
No Kidney Disease	22%
Vision Impairment	17%
No Vision Impairment	22%
Been to the Dentist in the Past Year	20%
Haven't Been to the Dentist in the Past Year	22%
Always/Almost Always Wear Seat Belt	19%
Sometimes/Seldom/Never Wear Seat Belt	34%

Table 73 (continued) Binge Drinking for Selected Health Behaviors and Conditions, 2011-2012	
Health Behavior or Condition	**% Binge Drinkers**
Heavy Drinker	84%
Not a Heavy Drinker	17%
< 3 Sweetened Beverages per Day	19%
3+ Sweetened Beverages per Day	30%
Good/Very Good/Excellent Health Status	22%
Fair/Poor Health Status	14%
Physical Health Not Good for 0-29 Days of the Past 30	22%
Physical Health Not Good for 30 Days of the Past 30	12%
Mental Health Not Good for 0-19 Days of the Past 30	21%
Mental Health Not Good for 20-30 Days of the Past 30	25%
Usual Activities Unattainable for 0-9 Days of the Past 30	22%
Usual Activities Unattainable for 10-30 Days of the Past 30	17%
Physical, Mental, or Emotional Problems	13%
No Physical, Mental, or Emotional Problems	24%
Disability with Special Equipment Needed	8%
No Disability with Special Equipment Needed	22%
Heard of "Healthy South Dakota" Program	18%
Not Heard of "Healthy South Dakota" Program	23%
Injured in a Fall in Past 12 Months (45+)	12%
Not Injured in a Fall in Past 12 Months (45+)	12%
Been Tested for HIV (18-64)	27%
Never Been Tested for HIV (18-64)	19%

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

HEAVY DRINKING

Definition: Male respondents who report having more than 2 drinks per day, or female respondents who report having more than 1 drink per day.
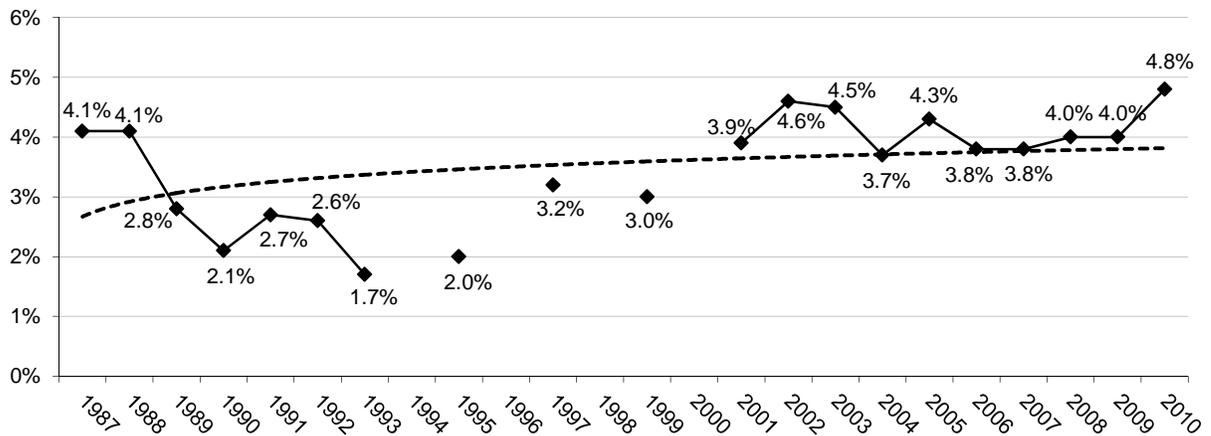
Prevalence of Heavy Drinking

o South Dakota 6%
o Nationwide median 6%

Healthy People 2020 Objective

There was no comparable Healthy People 2020 Objective for heavy drinking.

Figure 111
Percent of Respondents Who Engage in Heavy Drinking,
1987-1993, 1995, 1997, 1999, and 2001-2010

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 1987-1993, 1995, 1997, 1999, and 2001-2010

Figure 112
Percent of Respondents Who Engage in Heavy Drinking, 2011-2012
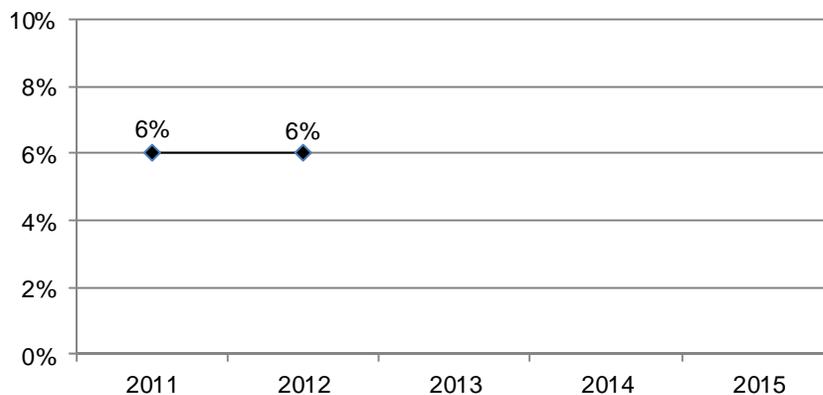
Note: Beginning in 2011, the CDC began using a different methodology to weight the data, therefore current data estimates cannot be compared to previous years.
Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2011-2012

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| Table 74 Respondents Who Engage in Heavy Drinking, 2011-2012		2011-2012	2011	2012
Total		**6%**	**6%**	**6%**
Gender	Male	7%	7%	7%
	Female	5%	5%	5%
Age	18-44	8%	8%	7%
	45-64	5%	5%	6%
	65+	3%	2%	4%
Race	White	6%	6%	6%
	American Indian	6%	*	*
Ethnicity	Hispanic	7%	*	*
	Non-Hispanic	6%	6%	6%
Household Income	Less than $25,000	6%	7%	6%
	$25,000-$49,999	6%	6%	7%
	$50,000+	6%	6%	5%
Education	High School, G.E.D., or Less	6%	5%	6%
	Some Post-High School	7%	7%	6%
	College Graduate	5%	5%	6%
Employment Status	Employed for Wages	6%	6%	6%
	Self-employed	6%	*	*
	Unemployed	7%	*	*
	Homemaker	3%	*	*
	Student	11%	*	*
	Retired	4%	3%	5%
	Unable to Work	6%	*	*
Marital Status	Married/Unmarried Couple	4%	5%	4%
	Divorced/Separated	8%	*	*
	Widowed	2%	*	*
	Never Married	10%	*	*
Home Ownership Status	Own Home	5%	6%	5%
	Rent Home	7%	6%	8%
Children Status	Children in Household (Ages 18-44)	6%	*	*
	No Children in Household (Ages 18-44)	11%	*	*
Phone Status	Landline	4%	5%	4%
	Cell Phone	10%	*	*
Pregnancy Status	Pregnant (Ages 18-44)	0%	*	*
	Not Pregnant (Ages 18-44)	6%	*	*

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 engage in heavy drinking is 6.1 percent, as shown in Figure 113 on the next page. South Dakota had 5.9 percent of respondents who engage in heavy drinking. Utah and West Virginia had the lowest percent of respondents who engage in heavy drinking with 3.5 percent, while Wisconsin had the highest with 8.5 percent.

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Figure 113
Nationally, Respondents Who Engage in Heavy Drinking, 2012
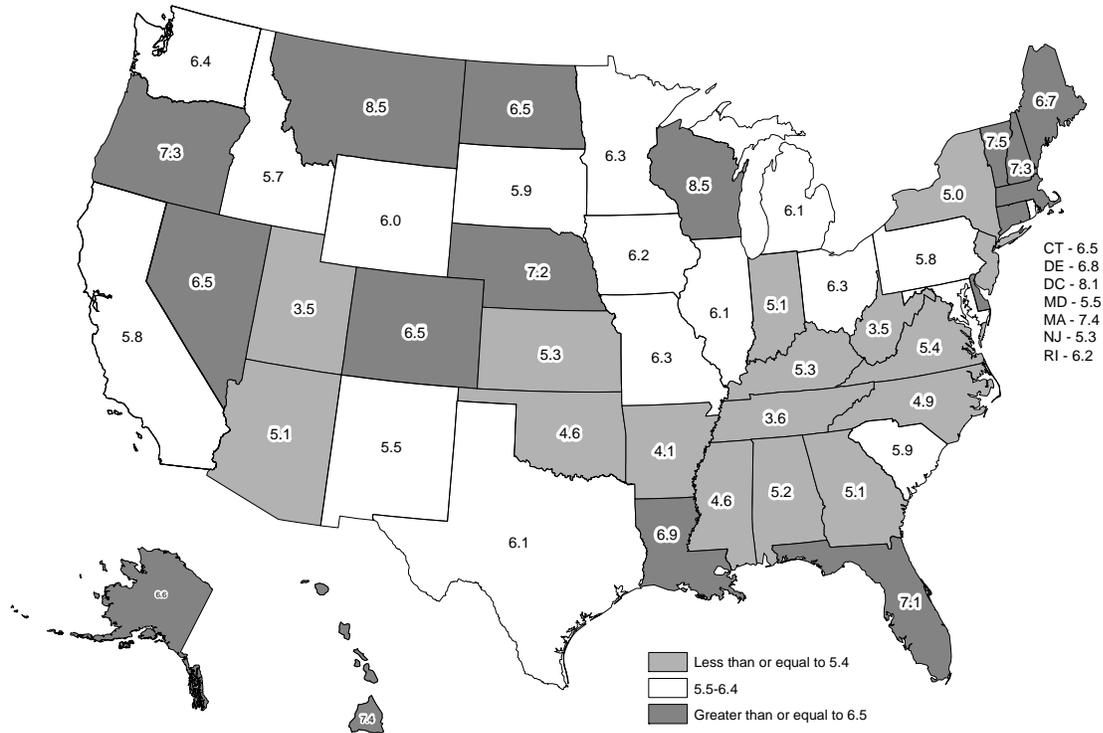
Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2012

Further Analysis

The following data show the percent of those who engage in heavy drinking for various health behaviors and conditions. For example, 12 percent of respondents who currently smoke are heavy drinkers, while 3 percent of respondents who have never smoked are heavy drinkers.

Table 75 Heavy Drinking for Selected Health Behaviors and Conditions, 2011-2012	
Health Behavior or Condition	**% Heavy Drinkers**
Underweight (BMI < 18.5)	6%
Recommended (BMI = 18.5-24.9)	7%
Overweight (BMI = 25.0-29.9)	6%
Obese - Class I (BMI = 30.0-34.9)	5%
Obese - Classes II & III (BMI = 35.0+)	4%
Leisure Time Exercise	6%
No Leisure Time Exercise	6%
Current Smoker	12%
Former Smoker	6%
Never Smoked	3%
Smokeless Tobacco	11%
No Smokeless Tobacco	6%
Diabetes	3%
No Diabetes	6%
High Blood Pressure	6%
No High Blood Pressure	6%

Table 75 (continued) Heavy Drinking for Selected Health Behaviors and Conditions, 2011-2012	
Health Behavior or Condition	**% Heavy Drinkers**
Health Insurance (18-64)	6%
No Health Insurance (18-64)	6%
Employer Based Coverage (18-64)	5%
Private Health Plan (18-64)	6%
Medicare (18-64)	5%
Medicaid or Medical Assistance (18-64)	4%
The Military, CHAMPUS, TriCare, or the VA (18-64)	8%
The Indian Health Service (18-64)	9%
Breast Exam Within Past Two Years	4%
No Breast Exam Within Past Two Years	6%
Mammogram Within Past Two Years (40+)	3%
No Mammogram Within Past Two Years (40+)	7%
Pap Smear Within Past Three Years	5%
No Pap Smear Within Past Three Years	8%
Blood Stool Test Within Past Two Years (50+)	5%
No Blood Stool Test Within Past Two Years (50+)	5%
Ever Had a Sigmoidoscopy or Colonoscopy (50+)	4%
Never Had a Sigmoidoscopy or Colonoscopy (50+)	6%
PSA Test Within the Past Two Years (40+)	5%
No PSA Test Within the Past Two Years (40+)	7%
Flu Shot (65+)	2%
No Flu Shot (65+)	5%
Pneumonia Shot (65+)	2%
No Pneumonia Shot (65+)	4%
Previously Had Heart Attack	5%
Never Had Heart Attack	6%
Have Angina or Coronary Heart Disease	5%
Do Not Have Angina or Coronary Heart Disease	6%
Previously Had a Stroke	3%
Never Had a Stroke	6%
Cancer	4%
No Cancer	6%
Skin Cancer	4%
No Skin Cancer	6%
Current Asthma	7%
Former Asthma	8%
Never Had Asthma	6%
Arthritis	4%
No Arthritis	6%
COPD	6%
No COPD	6%
Depression	8%
No Depression	5%
Kidney Disease	3%
No Kidney Disease	6%
Vision Impairment	7%
No Vision Impairment	6%
Been to the Dentist in the Past Year	6%
Haven't Been to the Dentist in the Past Year	7%
Always/Almost Always Wear Seat Belt	5%
Sometimes/Seldom/Never Wear Seat Belt	11%
Binge Drinker	23%
Not a Binge Drinker	1%
< 3 Sweetened Beverages per Day	5%
3+ Sweetened Beverages per Day	9%

Table 75 (continued) Heavy Drinking for Selected Health Behaviors and Conditions, 2011-2012	
Health Behavior or Condition	**% Heavy Drinkers**
Good/Very Good/Excellent Health Status	6%
Fair/Poor Health Status	5%
Physical Health Not Good for 0-29 Days of the Past 30	6%
Physical Health Not Good for 30 Days of the Past 30	6%
Mental Health Not Good for 0-19 Days of the Past 30	6%
Mental Health Not Good for 20-30 Days of the Past 30	8%
Usual Activities Unattainable for 0-9 Days of the Past 30	6%
Usual Activities Unattainable for 10-30 Days of the Past 30	7%
Physical, Mental, or Emotional Problems	5%
No Physical, Mental, or Emotional Problems	6%
Disability with Special Equipment Needed	3%
No Disability with Special Equipment Needed	6%
Heard of "Healthy South Dakota" Program	5%
Not Heard of "Healthy South Dakota" Program	6%
Injured in a Fall in Past 12 Months (45+)	8%
Not Injured in a Fall in Past 12 Months (45+)	5%
Been Tested for HIV (18-64)	8%
Never Been Tested for HIV (18-64)	5%

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