Overweight and Obese

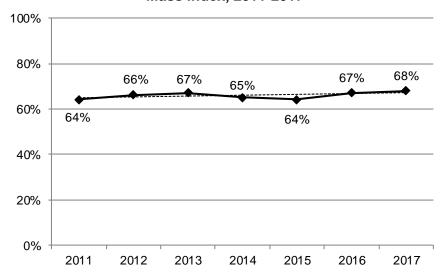
OVERWEIGHT OR OBESE

Definition: Overweight or obese is defined as having a Body Mass Index (BMI) of 25.0 or above. Body Mass Index (BMI) is calculated by taking a person's body weight in pounds, divided by their height in inches, divided by height in inches (again) times 703. The mathematical equation for BMI is: weight (lb)/height (in) 2x 703.

Prevalence of Overweight or Obese

- South Dakota 68%
- Nationwide median 67%

Figure 1
Percentage of South Dakotans Who Are Overweight or Obese Based on Body
Mass Index, 2011-2017



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2011-2017

Gender				יהיאזמו באמנ
Gender		0040 0047	95% Confidence Interval Low High	
Gender	Male	2013-2017	71.7%	_
	Female	73% 59%	57.6%	74.3% 60.3%
	<u> </u>			
	18-29	48%	45.8%	51.1%
	30-39	67%	64.3%	69.4%
A	40-49	72%	69.3%	74.0%
Age	50-59	74%	72.2%	75.8%
	60-69	76%	73.8%	77.2%
	70-79	71%	68.3%	72.9%
	80+	59%	56.2%	62.7%
Race	White	66%	65.2%	67.2%
	American Indian	73%	69.3%	76.2%
Ethnicity	Hispanic	68%	59.5%	76.1%
Lumberty	Non-Hispanic	66%	65.2%	67.1%
	Less than \$35,000	66%	64.3%	68.0%
Household Income	\$35,000-\$74,999	70%	68.0%	71.2%
	\$75,000+	68%	65.8%	69.3%
	Less than High School, G.E.D.	66%	61.8%	69.4%
Education	High School, G.E.D.	67%	65.7%	69.1%
Education	Some Post-High School	66%	64.6%	68.0%
	College Graduate	65%	63.3%	66.3%
	Employed for Wages	67%	66.0%	68.7%
	Self-employed	69%	66.8%	71.9%
	Unemployed	64%	58.2%	69.0%
Employment Status	Homemaker	56%	51.1%	60.3%
. ,	Student	35%	30.4%	40.6%
	Retired	70%	68.3%	71.6%
	Unable to Work	76%	72.3%	79.7%
Marital Status	Married/Unmarried Couple	70%	69.2%	71.4%
	Divorced/Separated	69%	66.6%	71.6%
	Widowed	64%	60.9%	66.4%
	Never Married	54%	51.7%	56.7%
Home Ownership Status	Own Home	69%	68.0%	70.1%
	Rent Home	61%	59.2%	63.7%
Children Status	Children in Household (Ages 18-44)	62%	60.0%	64.2%
	No Children in Household (Ages 18-44)	55%	52.1%	57.6%
	Landline	68%	66.9%	69.6%
Phone Status	Cell Phone	65%	63.8%	66.4%
	Pregnant (Ages 18-44)	-	03.076	00.478
Pregnancy Status	Not Pregnant (Ages 18-44)	53%	50.4%	55.3%
	Minnehaha	64%	60.9%	66.1%
County	Pennington	64%	60.8%	66.3%
	Lincoln	64%	59.9%	68.1%
	Brown	71%	67.7%	75.0%
	Brookings	63%	57.6%	67.7%
	Codington	65%	60.3%	68.9%
	Meade Lawrence	64% 61%	59.3% 56.9%	68.9% 64.0%

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

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2013-2017

Demographics

Gender Males exhibit a significantly higher prevalence of being overweight than

females.

The prevalence of being overweight increases as age increases with a peak Age

in the 60s including a significant increase as the 30s are reached. After that, the prevalence of being overweight decreases as age increases with

significant decreases as the 70s and 80s are reached.

Race American Indians demonstrate a significantly higher prevalence of being

overweight than whites.

Ethnicity There seems to be no Hispanic difference regarding the prevalence of being

overweight.

Household Income

There seems to be no household income difference regarding the prevalence

of being overweight.

Education There seems to be no education level difference regarding the prevalence of

being overweight.

Employment Those who are unable to work demonstrate a very high prevalence of being

overweight, while those who are students show a very low prevalence.

Marital Those who are married or divorced exhibit a very high prevalence of being Status

overweight, while those who have never been married show a very low

prevalence.

Home Ownership Those who own their home show a significantly higher prevalence of being

overweight than those who rent their home.

Children

Status

Those adults with children in the household demonstrate a significantly higher

prevalence of being overweight than those with no children.

Phone Status Those with a landline phone exhibit a significantly higher prevalence of being

overweight than those with a cell phone.

County Brown county demonstrates a very high prevalence of being overweight, while

Minnehaha, Pennington, and Lawrence counties show a very low prevalence.

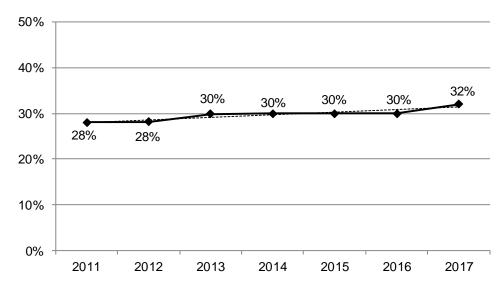
OBESITY, CLASS I-III

Definition: Obesity, Class I-III is defined as having a Body Mass Index (BMI) of 30.0 or greater. Body Mass Index (BMI) is calculated by taking a person's body weight in pounds divided by height in inches, divided by height in inches (again) times 703. The mathematical equation for BMI is: weight (lb)/height (in) 2 x 703.

Prevalence of Obesity, Class I-III

- South Dakota 32%
- Nationwide median 31%

Figure 2
Percentage of South Dakotans Who Are Class I-III Obese Based on Body
Mass Index, 2011-2017



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2011-2017

Male	Table 5 South Dakotans Who Are Class I-III Obese, 2013-2017					
Maile						
Female			2013-2017	Low	High	
Female	Condor	Male				
Age 30-39 32% 29.2% 34.0% 40-49 36% 33.3% 38.4% 50-59 37% 34.7% 38.7% 60-69 36% 34.0% 37.9% 70-79 2.9% 26.9% 31.3% 80+ 18% 15.7% 20.7% Mhite 30% 28.9% 30.7% American Indian 40% 36.9% 43.9% 40.9% Marieran 40.4% 36.9% 43.0% 40.9% 31.5% 30.0% 33.0% 33.2% 575.000+ 30% 29.4% 30.0% 33.2% 575.000+ 30% 28.6% 31.8% 30.9% 33.2% Education Employed 30.9% 28.5% 35.5% 35.5% 2	Gender	Female	28%	26.9%	29.3%	
Age 40-49 36% 33.33% 38.4% 50-59 37% 34.7% 38.7% 60-69 36% 34.0% 37.9% 70-79 29% 26.9% 31.3% 80+ 18% 15.7% 20.7% Race White 30% 28.9% 30.7% American Indian 40% 36.9% 43.9% Household Hispanic 32% 24.3% 40.4% Non-Hispanic 30% 29.4% 31.2% Household Less than \$35,000 32% 30.6% 34.0% \$35,000-\$74,999 32% 30.0% 33.2% \$75,000+ 30% 28.6% 31.5% Education Less than High School, G.E.D. 32% 30.1% 33.3% Education Eess-High School 32% 30.1% 33.3% College Graduate 28% 36.6% 29.4% Employed for Wages 32% 30.3% 32.9% Saltus S		18-29	20%	18.1%	22.3%	
Age 50-59 37% 34.7% 38.7% 60-69 36% 34.0% 37.9% 70-79 29% 26.9% 31.3% 80+ 18% 15.7% 20.7% Race White 30% 28.9% 30.7% American Indian 40% 36.9% 43.9% Ethnicity Hispanic 32% 24.3% 40.4% Non-Hispanic 30% 29.4% 31.2% Household Income Less than \$35,000 32% 30.0% 33.2% Egy 5,000-4 30% 28.0% 31.5% Education Less than High School, G.E.D. 32% 30.0% 33.2% Education Less than High School, G.E.D. 30% 28.6% 31.5% Education Less than High School, G.E.D. 32% 28.6% 35.5% High School, G.E.D. 30% 28.6% 35.5% Education 28.6% 26.6% 29.4% College Graduate 28% 26.6% <		30-39	32%	29.2%	34.0%	
Race		40-49	36%	33.3%	38.4%	
Race	Age					
Race						
Race						
Race		80+	18%	15.7%	20.7%	
American Indian 40% 36.9% 43.9% 43.9% 43.9% 43.9% 40.4% Non-Hispanic 32% 24.3% 40.4% Non-Hispanic 30% 29.4% 31.2% 31.2% 30.6% 34.0% 32.5% 35.500 32% 30.0% 33.2% 30.0% 33.2% 35.000 32% 30.0% 33.2% 35.000 32% 30.0% 33.2% 35.000 32% 30.0% 33.2% 35.500 37.5000 32% 30.0% 33.5% 35.5%	Pace	White	30%	28.9%	30.7%	
Non-Hispanic 30% 29.4% 31.2%	Nace	American Indian	40%	36.9%	43.9%	
Non-Hispanic 30% 29.4% 31.2% 31.2% 30.6% 34.0% 34.0% 35.000 \$35,000 + 32% 30.6% 33.2% 30.6% 33.2% 30.6% 33.2% 30.6% 33.2% 30.6% 33.2% 30.6% 33.2% 30.6% 33.2% 30.6% 33.2% 30.6% 33.2% 30.6% 33.2% 30.6% 33.2% 30.6% 33.2% 30.6% 33.2% 30.6% 33.2% 30.6% 33.2% 30.6% 33.5% 32.5% 35.5% 35.5% 35.5% 35.5% 36.6% 31.8% 32.6% 30.1% 33.3% 32.9% 30.6% 30.1% 33.3% 32.9% 30.6% 33.3% 32.9% 30.6% 33.3% 32.9% 30.6% 33.3% 32.9% 32.9% 32.6% 30.3% 32.9% 32.9% 32.6% 33.4% 32.9% 33.4% 32.9% 33.4% 32.9% 33.4% 32.9% 33.4% 32.9% 33.4% 32.9% 33.4% 32.9% 33.4% 32.9% 33.4% 32.9% 33.2% 33.3% 30.6% 35.8% 35.8% 35.8% 35.8% 36.6% 32.2% 30.9% 33.2% 33.2% 30.8% 35.8% 35.8% 36.6% 32.2% 30.9% 33.2% 30.8% 35.8% 35.8% 36.6% 32.2% 32.3%	Ethnicity	Hispanic	32%	24.3%	40.4%	
Sa5,000-\$74,999 32% 30.0% 33.2% 31.5%	Edifficity	Non-Hispanic	30%	29.4%	31.2%	
Sa5,000-\$74,999 32% 30.0% 33.2% 31.5%	Hausahald	Less than \$35,000	32%	30.6%	34.0%	
Education						
Education High School, G.E.D. 30% 28.6% 31.8% Some Post-High School 32% 30.1% 33.3% College Graduate 28% 26.6% 29.4% Employed for Wages 32% 30.3% 32.9% Self-employed 31% 28.2% 33.4% Unemployed 31% 26.2% 35.9% Homemaker 23% 19.5% 26.8% Student 14% 11.1% 18.1% Retired 28% 26.6% 29.8% Unable to Work 48% 43.4% 51.7% Retired 28% 26.6% 29.8% Unable to Work 48% 43.4% 51.7% Retired 28% 26.6% 29.8% Unable to Work 48% 43.4% 51.7% Retired 28% 26.6% 29.8% Unable to Work 48% 43.4% 51.7% Widowed 27% 24.3% 29.3% Never Married	income	\$75,000+	30%	28.0%	31.5%	
Education High School, G.E.D. 30% 28.6% 31.8% Some Post-High School 32% 30.1% 33.3% College Graduate 28% 26.6% 29.4% Employed for Wages 32% 30.3% 32.9% Self-employed 31% 28.2% 33.4% Unemployed 31% 26.2% 35.9% Homemaker 23% 19.5% 26.8% Student 14% 11.1% 18.1% Retired 28% 26.6% 29.8% Unable to Work 48% 43.4% 51.7% Retired 28% 26.6% 29.8% Unable to Work 48% 43.4% 51.7% Retired 28% 26.6% 29.8% Unable to Work 48% 43.4% 51.7% Retired 28% 26.6% 29.8% Unable to Work 48% 43.4% 51.7% Widowed 27% 24.3% 29.3% Never Married		Less than High School, G.E.D.	32%	28.5%	35.5%	
Some Post-High School 32% 30.1% 33.3% College Graduate 28% 26.6% 29.4%	- 1					
College Graduate	Education		32%	30.1%	33.3%	
Employment Status Employed for Wages 32% 30.3% 32.9% Self-employed 31% 28.2% 33.4% Unemployed 31% 26.2% 35.9% Homemaker 23% 19.5% 26.8% Student 14% 11.1% 18.1% Retired 28% 26.6% 29.8% Unable to Work 48% 43.4% 51.7% Married/Unmarried Couple 32% 30.9% 33.2% Divorced/Separated 33% 30.8% 35.8% Widowed 27% 24.3% 29.3% Never Married 25% 23.2% 27.1% Home Ownership Status Children in Household (Ages 18-44) 28% 26.3% 30.2% 27.1% Children in Household (Ages 18-44) 28% 26.3% 30.2% 27.3% 29.3% 27.4% 31.3% 29.3% 27.4% 31.3% 29.3% 27.4% 31.3% 29.3% 27.3% 27.3% 2				26.6%		
Self-employed 31% 28.2% 33.4% 26.2% 35.9% 26.2% 35.9% 26.8% 31.4% 26.2% 35.9% 26.8% 31.4% 26.2% 35.9% 26.8% 31.9% 26.2% 35.9% 26.8% 31.9% 26.2% 35.9% 26.8% 31.9% 26.2% 35.9% 26.8% 31.9% 26.6% 29.8% 26.6% 29.8% 26.6% 29.8% 26.6% 29.8% 26.6% 29.8% 26.6% 29.8% 26.6% 29.8% 26.6% 29.8% 26.6% 29.8% 26.6% 29.8% 26.6% 29.8% 26.6% 29.8% 26.6% 29.8% 26.6% 29.8% 26.6% 29.8% 26.6% 29.8% 26.6% 29.8% 26.6% 29.8% 26.6% 29.8% 26.2%			32%	30.3%	32.9%	
Unemployed 31% 26.2% 35.9% Homemaker 23% 19.5% 26.8% Student 14% 11.1% 18.1% Retired 28% 26.6% 29.8% Unable to Work 48% 43.4% 51.7% Married/Unmarried Couple 32% 30.9% 33.2% Divorced/Separated 33% 30.8% 35.8% Widowed 27% 24.3% 29.3% Never Married 25% 23.2% 27.1% Home Ownership Status Rent Home 29% 27.4% 31.3% Rent Home 29% 27.4% 31.3% No Children in Household (Ages 18-44) 28% 26.3% 30.2% 27.3% No Children in Household (Ages 18-44) 25% 22.8% 27.3% 29.3% No Children in Household (Ages 18-44) 25% 22.8% 27.3% 29.3% No Children in Household (Ages 18-44) 25% 22.8% 27.3% 29.3% No Children in Household (Ages 18-44) 25% 22.8% 27.3% 29.3% 28.6% 31.0% 31.6% 31.0% 31.6% 31.0% 31.6% 31.0% 31.6% 31.0						
Homemaker 23% 19.5% 26.8%						
Student			23%	19.5%	26.8%	
Unable to Work	Status	Student	14%	11.1%	18.1%	
Marrital Status Married/Unmarried Couple 32% 30.9% 33.2% Divorced/Separated 33% 30.8% 35.8% Widowed 27% 24.3% 29.3% Never Married 25% 23.2% 27.1% Home Ownership Status Own Home 31% 30.1% 32.1% Rent Home 29% 27.4% 31.3% Children in Household (Ages 18-44) 28% 26.3% 30.2% No Children in Household (Ages 18-44) 25% 22.8% 27.3% Landline 31% 29.9% 32.5% Cell Phone 30% 28.6% 31.0% Pregnanty Status Pregnant (Ages 18-44) - - - - Not Pregnant (Ages 18-44) 26% 24.1% 28.4% Minnehaha 29% 26.4% 31.0% Pennington 28% 25.8% 31.0% Brown 32% 28.7% 36.1% Brookings 25% 21.3% 29.3% <		Retired	28%	26.6%	29.8%	
Marital Status Divorced/Separated Widowed 33% 30.8% 35.8% Widowed Never Married 25% 24.3% 29.3% Home Ownership Status Own Home 31% 30.1% 32.1% Rent Home 29% 27.4% 31.3% Children Status Children in Household (Ages 18-44) 28% 26.3% 30.2% No Children in Household (Ages 18-44) 25% 22.8% 27.3% Landline 31% 29.9% 32.5% Cell Phone 30% 28.6% 31.0% Pregnancy Status Pregnant (Ages 18-44) - - - Not Pregnant (Ages 18-44) 26% 24.1% 28.4% Minnehaha 29% 26.4% 31.0% Pennington 28% 25.8% 31.0% Lincoln 28% 24.2% 31.8% Brown 32% 28.7% 36.1% Brown 32% 28.7% 29.3% Codington 30% 26.3% 33.8%		Unable to Work	48%	43.4%	51.7%	
Marital Status Divorced/Separated Widowed 33% 30.8% 35.8% Widowed Never Married 25% 24.3% 29.3% Home Ownership Status Own Home 31% 30.1% 32.1% Rent Home 29% 27.4% 31.3% Children Status Children in Household (Ages 18-44) 28% 26.3% 30.2% No Children in Household (Ages 18-44) 25% 22.8% 27.3% Landline 31% 29.9% 32.5% Cell Phone 30% 28.6% 31.0% Pregnancy Status Pregnant (Ages 18-44) - - - Not Pregnant (Ages 18-44) 26% 24.1% 28.4% Minnehaha 29% 26.4% 31.0% Pennington 28% 25.8% 31.0% Lincoln 28% 24.2% 31.8% Brown 32% 28.7% 36.1% Brown 32% 28.7% 29.3% Codington 30% 26.3% 33.8%	Marital Status	Married/Unmarried Couple	32%	30.9%	33.2%	
Never Married 27% 24.3% 29.3% 29.3% Never Married 25% 23.2% 27.1%			33%	30.8%	35.8%	
Home Ownership Status Own Home Rent Home 31% 29% 27.4% 32.1% Children Status Children in Household (Ages 18-44) 28% 26.3% 30.2% Phone Status Landline Cell Phone 31% 29.9% 32.5% Cell Phone 30% 28.6% 31.0% Pregnancy Status Pregnant (Ages 18-44) - - - Not Pregnant (Ages 18-44) 26% 24.1% 28.4% Not Pregnant (Ages 18-44) 26% 26.4% 31.0% Pennington 28% 25.8% 31.0% Enound 28% 24.2% 31.8% Brown 32% 28.7% 36.1% Brookings 25% 21.3% 29.3% Codington 30% 26.3% 33.8% Meade 28% 23.9% 31.6%			27%	24.3%	29.3%	
Status Rent Home 29% 27.4% 31.3% Children Status Children in Household (Ages 18-44) 28% 26.3% 30.2% Phone Status Cell Phone 31% 29.9% 32.5% Cell Phone 30% 28.6% 31.0% Pregnant (Ages 18-44) - - - Not Pregnant (Ages 18-44) 26% 24.1% 28.4% Minnehaha 29% 26.4% 31.0% Pennington 28% 25.8% 31.0% Lincoln 28% 24.2% 31.8% Brown 32% 28.7% 36.1% Brookings 25% 21.3% 29.3% Codington 30% 26.3% 33.8% Meade 28% 23.9% 31.6%		Never Married	25%	23.2%	27.1%	
Status Rent Home 29% 27.4% 31.3% Children Status Children in Household (Ages 18-44) 28% 26.3% 30.2% Phone Status Cell Phone 31% 29.9% 32.5% Cell Phone 30% 28.6% 31.0% Pregnant (Ages 18-44) - - - Not Pregnant (Ages 18-44) 26% 24.1% 28.4% Minnehaha 29% 26.4% 31.0% Pennington 28% 25.8% 31.0% Lincoln 28% 24.2% 31.8% Brown 32% 28.7% 36.1% Brookings 25% 21.3% 29.3% Codington 30% 26.3% 33.8% Meade 28% 23.9% 31.6%	-	Own Home	31%	30.1%	32.1%	
Children Status Children in Household (Ages 18-44) 28% 26.3% 30.2% Phone Status Landline 31% 29.9% 32.5% Cell Phone 30% 28.6% 31.0% Pregnant (Ages 18-44) - - - Not Pregnant (Ages 18-44) 26% 24.1% 28.4% Minnehaha 29% 26.4% 31.0% Pennington 28% 25.8% 31.0% Lincoln 28% 24.2% 31.8% Brown 32% 28.7% 36.1% Brookings 25% 21.3% 29.3% Codington 30% 26.3% 33.8% Meade 28% 23.9% 31.6%						
No Children in Household (Ages 18-44) 25% 22.8% 27.3%	Children Status	Children in Household (Ages 18-44)	28%			
Phone Status Landline 31% 29.9% 32.5% Cell Phone 30% 28.6% 31.0% Pregnant (Ages 18-44) - - - Not Pregnant (Ages 18-44) 26% 24.1% 28.4% Minnehaha 29% 26.4% 31.0% Pennington 28% 25.8% 31.0% Lincoln 28% 24.2% 31.8% Brown 32% 28.7% 36.1% Brookings 25% 21.3% 29.3% Codington 30% 26.3% 33.8% Meade 28% 23.9% 31.6%		No Children in Household (Ages 18-44)				
Phone Status Cell Phone 30% 28.6% 31.0% Pregnant (Ages 18-44) - - - - Not Pregnant (Ages 18-44) 26% 24.1% 28.4% Minnehaha 29% 26.4% 31.0% Pennington 28% 25.8% 31.0% Lincoln 28% 24.2% 31.8% Brown 32% 28.7% 36.1% Brookings 25% 21.3% 29.3% Codington 30% 26.3% 33.8% Meade 28% 23.9% 31.6%	DI 04 :	` • • • • • • • • • • • • • • • • • • •				
Pregnancy Status Pregnant (Ages 18-44) -	Phone Status					
Mot Pregnant (Ages 18-44) 26% 24.1% 28.4% Minnehaha 29% 26.4% 31.0% Pennington 28% 25.8% 31.0% Lincoln 28% 24.2% 31.8% Brown 32% 28.7% 36.1% Brookings 25% 21.3% 29.3% Codington 30% 26.3% 33.8% Meade 28% 23.9% 31.6%						
Minnehaha 29% 26.4% 31.0% Pennington 28% 25.8% 31.0% Lincoln 28% 24.2% 31.8% Brown 32% 28.7% 36.1% Brookings 25% 21.3% 29.3% Codington 30% 26.3% 33.8% Meade 28% 23.9% 31.6%	Pregnancy Status		26%	24.1%	28.4%	
Pennington 28% 25.8% 31.0% Lincoln 28% 24.2% 31.8% Brown 32% 28.7% 36.1% Brookings 25% 21.3% 29.3% Codington 30% 26.3% 33.8% Meade 28% 23.9% 31.6%		0 \ 0 ,				
County Lincoln 28% 24.2% 31.8% Brown 32% 28.7% 36.1% Brookings 25% 21.3% 29.3% Codington 30% 26.3% 33.8% Meade 28% 23.9% 31.6%	County					
Brown 32% 28.7% 36.1% Brookings 25% 21.3% 29.3% Codington 30% 26.3% 33.8% Meade 28% 23.9% 31.6%						
Brookings 25% 21.3% 29.3% Codington 30% 26.3% 33.8% Meade 28% 23.9% 31.6%						
Codington 30% 26.3% 33.8% Meade 28% 23.9% 31.6%						
Meade 28% 23.9% 31.6%		Ŭ				
1 AWIEDCE		Lawrence	25%	22.2%	27.8%	

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

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2013-2017

Demographics

Gender Males exhibit a significantly higher prevalence obesity than females.

Age The prevalence of obesity increases as age increases with a peak in the 50s

> including a significant increase as the 30s are reached. After that, the prevalence of obesity decreases as age increases with significant decreases

as the 70s and 80s are reached.

Race American Indians demonstrate a significantly higher prevalence of obesity

than whites.

There seems to be no Hispanic difference regarding the prevalence of **Ethnicity**

obesity.

Household

Income

There seems to be no household income difference regarding the prevalence

of obesity.

Education There seems to be no education level difference regarding the prevalence of

obesity.

Employment Those who are unable to work demonstrate a very high prevalence of obesity,

while those who are a student show a very low prevalence.

Marital Those who are married or divorced exhibit a very high prevalence of obesity, Status

while those who are widowed or have never been married show a very low

prevalence.

Home Ownership The prevalence of obesity does not seem to change based on home

ownership.

Children Status

The prevalence of the adults being obese does not seem to change based on

the presence of children in the household.

Phone Status The prevalence of obesity does not seem to change based on phone status.

County Brown county demonstrates a very high prevalence of obesity, while

Lawrence county shows a very low prevalence.

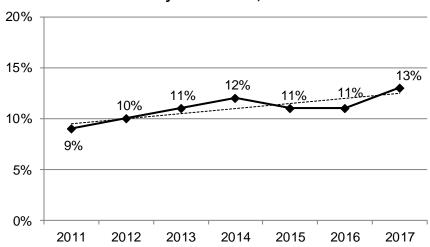
OBESITY, CLASSES II-III

Definition: Obesity, Classes II-III is defined as having a Body Mass Index (BMI) of 35.0 or greater. Body Mass Index (BMI) is calculated by taking a person's body weight in pounds divided by height in inches, divided by height in inches (again) times 703. The mathematical equation for BMI is: weight (lb)/height (in) 2x 703.

Prevalence of Obesity, Classes II-III

- South Dakota 13%
- o There is no nationwide median for obese classes II-III

Figure 3
Percentage of South Dakotans Who Are Class II-III Obese Based on Body Mass Index, 2011-2017



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2011-2017

Table 6 South Dakotans Who Are Class II-III Obese, 2013-2017					
			95% Confidence Interval		
		2013-2017	Low	High	
Gender	Male	11%	10.5%	12.2%	
Gender	Female	12%	11.3%	13.0%	
	18-29	8%	7.1%	10.0%	
	30-39	13%	11.0%	14.3%	
	40-49	14%	12.6%	16.4%	
Age	50-59	15%	13.1%	16.2%	
	60-69	13%	11.9%	14.6%	
	70-79	9%	8.1%	10.9%	
	80+	5%	3.9%	7.1%	
D	White	11%	10.8%	12.1%	
Race	American Indian	17%	14.2%	19.4%	
Ethalalta	Hispanic	13%	8.8%	20.2%	
Ethnicity	Non-Hispanic	12%	11.1%	12.3%	
	Less than \$35,000	14%	13.1%	15.6%	
Household Income	\$35,000-\$74,999	12%	10.9%	13.1%	
	\$75,000+	10%	9.0%	11.3%	
	Less than High School, G.E.D.	13%	10.2%	15.3%	
	High School, G.E.D.	12%	10.7%	12.9%	
Education	Some Post-High School	12%	11.2%	13.4%	
	College Graduate	11%	9.6%	11.5%	
	Employed for Wages	12%	11.6%	13.4%	
	Self-employed	11%	8.9%	12.5%	
	Unemployed	13%	10.2%	16.5%	
Employment Status	Homemaker	10%	7.3%	12.4%	
	Student	5%	2.9%	7.8%	
	Retired	9%	8.4%	10.5%	
	Unable to Work	24%	20.8%	27.6%	
Marital Status	Married/Unmarried Couple	11%	10.6%	12.2%	
	Divorced/Separated	14%	12.5%	16.1%	
	Widowed	12%	9.9%	13.8%	
	Never Married	11%	10.1%	12.8%	
Home Ownership Status	Own Home	11%	10.5%	11.9%	
	Rent Home	13%	12.0%	14.8%	
Children Status	Children in Household (Ages 18-44)	12%	10.3%	13.1%	
	No Children in Household (Ages 18-44)	10%	8.7%	11.5%	
	Landline	13%	11.8%	13.8%	
Phone Status	Cell Phone	11%	10.3%	11.9%	
	Pregnant (Ages 18-44)	-	10.070	11.570	
Pregnancy Status	Not Pregnant (Ages 18-44)	12%	10.4%	13.4%	
	· · · · · · · · · · · · · · · · · · ·				
County	Minnehaha	10%	8.9%	11.9%	
	Pennington	11%	9.5%	13.5%	
	Lincoln	12%	9.1%	15.0%	
	Brown	14%	11.6%	17.1%	
	Brookings	9%	6.6%	12.1%	
	Codington	12%	9.3% 8.3%	14.6% 14.0%	
	Meade	11%			
	Lawrence	7%	5.8%	8.6%	

Note: *Results based on small sample sizes have been suppressed.
Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2013-2017

Demographics

Gender There seems to be no gender difference regarding being very obese.

Age The prevalence of being very obese increases as age increases with a peak

in the 50s including a significant increase as the 30s are reached. After that, the prevalence of being obese decreases as age increases with significant

decreases as the 70s and 80s are reached.

Race American Indians demonstrate a significantly higher prevalence of being very

obese than whites.

Ethnicity There seems to be no Hispanic difference regarding the prevalence of being

very obese.

Household

Income

Status

Status

Ownership

The prevalence of being very obese decreases as household income

increases.

Education The prevalence of being very obese decreases as education levels increase.

Those who are unable to work demonstrate a very high prevalence of being very obese, while those who are a homemaker or a student show a very low

prevalence.

Marital Those who are divorced exhibit a very high prevalence of being very obese,

while those who are married show a very low prevalence.

Home Those who rent their home show a significantly higher prevalence of being

very obese than those who own their home.

Children The prevalence of the adults being very obese does not seem to change

based on the presence of children in the household.

Phone Status The prevalence of being very obese does not seem to change based on

phone status.

County Minnehaha, Pennington, Lincoln, Brown, and Codington counties demonstrate

a very high prevalence of being very obese, while Lawrence county shows a

very low prevalence.