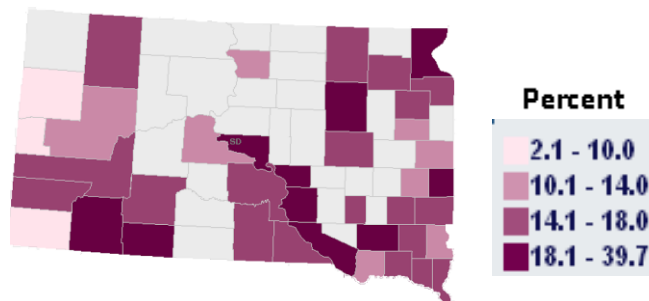


South Dakota State Factsheet ⁱ

Prevalence of obesity among low income children ages 2-4, 2006-2008, percent by county ⁱⁱ

Key Points

- South Dakota ranked 9th for protective factors against childhood obesity and 13th for healthy neighborhood environments. ⁱⁱⁱ
- Obesity among low-income, preschool-aged children rose from 9 percent in 1988 to 16 percent in 2008.
- Among adults, the prevalence of obesity increased to 30 in 16 of 66 counties by 2007.
- 37 percent of adults in South Dakota are overweight and 30 percent are obese.
- South Dakota will spend over 1 billion dollars annually by 2018 on health care costs attributable to obesity.



Sources: Pediatric Nutrition Surveillance System data mapped in the Food Environment Atlas

There are many interacting determinants of childhood obesity. Physical activity and media time are important contributors which may have greater impact on certain groups such as young children

POSITIVE BEHAVIORS BY RACE, INCOME, INSURANCE		SD (%)	Nation (%)	Best state(%)
% of children ages 6-17 who are physically active at least 4 days a week				
overall		66.8	64.3	72.8 VT
by race/ ethnicity	White non-Hispanic	67.4	69	74.7 NC
by household income	0-99% FPL	59.7	53.8	78.6 MN
	400% +	70.4	70.9	77.6 AL
by insurance status	None	62.4	54.5	81.1 HI
	Public	67.5	60	74.3 AK
	Private	67.5	67.6	75.2 VT
% of children ages 6-17 with 2 hours or less or no daily screen time				
overall		82.1	78.1	87.7 VT
by race/ ethnicity	White non-Hispanic	83.7	82.9	96.9 DC
	Hispanic	66.6	75.2	93.3 UT
by household income	0-99% FPL	75.9	68.8	82.4 UT
	400% +	88.7	86	92.5 WA
by insurance status	None	84.6	72.4	89.3 UT
	Public	73.4	70.1	86.1 WY
	Private	84	82.4	90.3 VT

i. The first factsheet can be found at: <http://www.nichq.org/pdf/South%20Dakota.pdf>. It contains other data, including the obesity prevalence for all children

ii. Obesity defined as Body Mass Index (BMI) at or above the 95% percentile.

iii. For rankings, 1st is best and 50th is worst. Rankings are based on cumulative percents from 2007 National Survey of Children's Health. Protective factors = % reporting positive social skills + % always engaging in school + % in families which eat meals together every day. Neighborhood environment = % living in supportive neighborhoods + % in neighborhoods with no detracting elements (litter, graffiti, etc.) + % living in neighborhoods with parks, recreation centers and sidewalks

Parent physical activity is a strong predictor of the activity of their children

% OF PARENTS PHYSICALLY ACTIVE, 4 or more days/ week	SD (%)	Nation (%)	Best state(%)	
Mother	35.8	32.9	42.9	VT
Father	46.1	44.9	57.6	HI

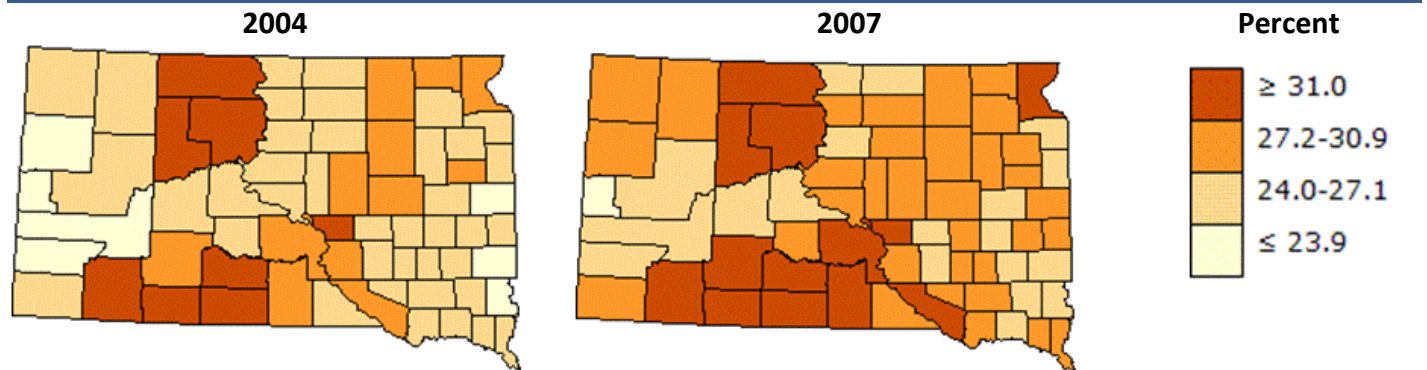
The community in which a child lives influences their daily access to healthy food and physical activity

LIVING IN HEALTHY NEIGHBORHOOD ENVIRONMENTS		SD (%)	Nation (%)	Best state(%)	
% of children living in supportive neighborhoods					
overall		88.2	83.2	92.9	UT
by race/ ethnicity	White non-Hispanic	92.2	88.8	94.7	UT
	Hispanic	77.2	76.1	90.6	VT
by household income	0-99% FPL	67.4	70.7	89.2	UT
	400% +	96.1	91.1	98	UT
% of children living in neighborhoods with NO graffiti, dilapidated housing or litter					
overall		72.4	71.4	78	MA
by race/ ethnicity	White non-Hispanic	78.7	75.6	81.9	CT
	Hispanic	75.8	66.5	86.8	AL
by household income	0-99% FPL	46.6	57.4	72.9	CO
	400% +	86.4	83.2	90.5	FL
% of children living in neighborhoods with parks, recreation centers, and sidewalks					
overall		67.7	65.1	87.4	UT
by race/ ethnicity	White non-Hispanic	68.9	62.6	95.2	DC
	Hispanic	82.1	62.7	82.1	SD
by household income	0-99% FPL	61.8	57.6	88.2	MA
	400% +	74.2	73.4	92.4	DC

Other factors in the social environment may also protect against obesity

PROTECTIVE FACTORS	SD (%)	Nation (%)	Best state(%)	
Positive social skills	94.3	93.6	97.1	MN
Usually or always engages in school	83.8	80.5	86	MA
Involved in at-least one after-school activity	86.3	80.7	90.5	MN
Family eats meals together every day	45.2	45.8	54.2	ID

AGE-ADJUSTED ESTIMATES OF THE PERCENT OF ADULTS WHO ARE OBESE IN SOUTH DAKOTA



Data from Centers for Disease Control and Prevention: National Diabetes Surveillance System. Available online at: <http://www.cdc.gov/diabetes/statistics/index.htm>.

COST OF ADULT OBESITY IN SOUTH DAKOTA, MILLIONS OF DOLLARS				
2000 (actual)	2008 (projected)	2013 (projected)	2018 (projected)	
195	220	398	1,008	

Source: 2000 data are from Finkelstein, et al: "State-level estimates of annual medical expenditures attributable to obesity". 2008 - 2018 projected estimates are from Thorpe: "The Future Costs of Obesity: National and State Estimates of the Impact of Obesity on Direct Health Care Expenses"