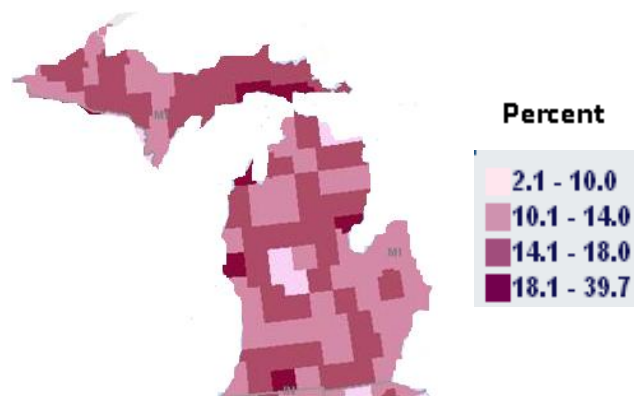


Michigan State Factsheet ⁱ

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

Key Points

- Michigan ranked 34th for protective factors against childhood obesity and 14th for healthy neighborhood environments. ⁱⁱⁱ
- Obesity among low-income, preschool-aged children rose from 10 percent in 1998 to 14 percent in 2008.
- Among adults, the prevalence of obesity increased to 30% in 23 of 83 counties by 2007.
- 35 percent of adults in Michigan are overweight and 30 percent are obese.
- Michigan will spend over 12.4 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 a greater impact on certain groups such as young children

POSITIVE BEHAVIORS BY RACE, INCOME, INSURANCE		MI (%)	Nation (%)	Best state(%)
% of children ages 6-17 who are physically active at least 4 days a week				
overall		65.6	64.3	72.8 VT
by race/ ethnicity	White non-Hispanic	67.6	69	74.7 NC
	Black non-Hispanic	62.5	61.6	73.1 NV
	Hispanic	56.6	51.8	72.2 MT
by household income	0-99% FPL	61.5	53.8	78.6 MN
	400% +	69.2	70.9	77.6 AL
by insurance status	None	70.5	54.5	81.1 HI
	Public	67.2	60	74.3 AK
	Private	64.8	67.6	75.2 VT
% of children ages 6-17 with 2 hours or less or no daily screen time				
overall		74.9	78.1	87.7 VT
by race/ ethnicity	White non-Hispanic	79.3	82.9	96.9 DC
	Black non-Hispanic	65.2	61.6	70.3 NC
	Hispanic	49.5	75.2	93.3 UT
by household income	0-99% FPL	61.6	68.8	82.4 UT
	400% +	84.1	86	92.5 WA
by insurance status	None	69.4	72.4	89.3 UT
	Public	63.4	70.1	86.1 WY
	Private	80.2	82.4	90.3 VT

i. The first factsheet can be found at: <http://www.nichq.org/pdf/Michigan.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	MI (%)	Nation (%)	Best state(%)	
Mother	31.9	32.9	42.9	VT
Father	41.4	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

% of children living in supportive neighborhoods		MI (%)	Nation (%)	Best state(%)	
overall		85.5	83.2	92.9	UT
by race/ ethnicity	White non-Hispanic	90.4	88.8	94.7	UT
	Black non-Hispanic	66	71	85.9	AK
	Hispanic	78	76.1	90.6	VT
by household income	0-99% FPL	67.4	70.7	89.2	UT
	400% +	93.1	91.1	98	UT

% of children living in neighborhoods with NO graffiti, dilapidated housing or litter

overall		MI (%)	Nation (%)	Best state(%)	
overall		72.7	71.4	78	MA
by race/ ethnicity	White non-Hispanic	78.6	75.6	81.9	CT
	Black non-Hispanic	51.4	63	78.3	MA
	Hispanic	72.3	66.5	86.8	AL
by household income	0-99% FPL	49.4	57.4	72.9	CO
	400% +	85.4	83.2	90.5	FL

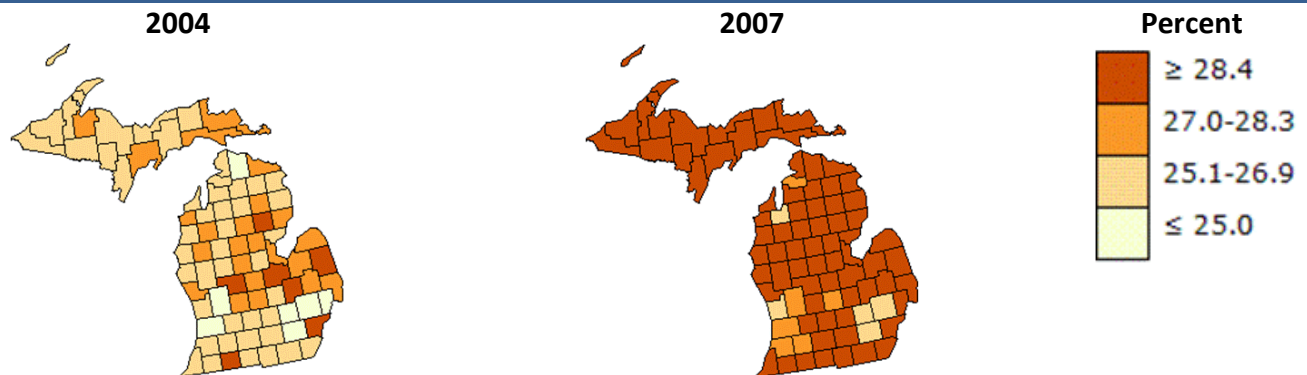
% of children living in neighborhoods with parks, recreation centers, and sidewalks

overall		MI (%)	Nation (%)	Best state(%)	
overall		69.8	65.1	87.4	UT
by race/ ethnicity	White non-Hispanic	66.6	62.6	95.2	DC
	Black non-Hispanic	86.6	72.4	95.8	RI
	Hispanic	59.8	62.7	82.1	SD
by household income	0-99% FPL	69.1	57.6	88.2	MA
	400% +	70.3	73.4	92.4	DC

Other factors in the social environment may also protect against obesity

PROTECTIVE FACTORS	MI (%)	Nation (%)	Best state(%)	
Positive social skills	91.9	93.6	97.1	MN
Usually or always engages in school	79.1	80.5	86	MA
Involved in at-least one after-school activity	83.9	80.7	90.5	MN
Family eats meals together every day	45	45.8	54.2	ID

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



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 MICHIGAN, MILLIONS OF DOLLARS			
2000 (actual)	2008 (projected)	2013 (projected)	2018 (projected)
2,931	3,186	5,327	12,490

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"