

Childhood BMI Classification

Ann Arbor, MI

2013

N=7,577; children aged 2-17 years (2013).

Demographic Group	% underweight (<5 th percentile)	% healthy weight (5 th -85 th percentile)	% overweight (85 th -95 th percentile)	% obese (>95 th percentile)
Sex				
Female	3.9%	75.7%	12.8%	7.5%
Male	4.2%	73.8%	12.1%	9.9%
Age group				
2 to 4 yrs	7.7%	77.2%	8.8%	6.2%
5 to 7 yrs	3.9%	76.8%	12.9%	6.5%
8 to 10 yrs	3.4%	76.0%	12.1%	8.4%
11 to 13 yrs	2.9%	72.2%	14.2%	10.7%
14 to 17 yrs	2.3%	71.5%	14.4%	11.8%
Race				
White or Caucasian (non-Hispanic)	3.8%	76.7%	12.5%	7.0%
Black or African American (non-Hispanic)	1.4%	63.9%	15.5%	19.1%
Asian (non-Hispanic)	4.9%	78.0%	11.6%	5.5%
Other	3.6%	70.2%	14.2%	12.0%
Hispanic (all races)	2.1%	67.6%	19.7%	10.6%
Health Insurance				
Commercial	4.3%	76.6%	12.0%	7.1%
Medicaid	2.9%	64.6%	15.2%	17.3%
Ann Arbor Overall	4.1%	74.7%	12.5%	8.7%

Ann Arbor zip codes: 48103, 48104, 48105, 48106, 48107, 48108, and 48113.

Data Source: Washtenaw Child BMI Dataset (2013) - St. Joseph Mercy Health System and the University of Michigan Health System contributed electronic health records of Washtenaw County children who had their height and weight measured in 2013. Washtenaw County Public Health created the **Washtenaw Child BMI Dataset** and performed the analysis for this report.

Body Mass Index (BMI) - a measure of body fat based on height and weight. BMI is calculated the same way for children as it is for adults ($BMI = kg/m^2 = lb \cdot 703 / in^2$); however, the criteria used to interpret the meaning of the number for children is different, taking both age and gender into account and assigning a percentile.