

Childhood BMI Classification

Ann Arbor, MI

2017

N=16,886; children aged 2-17 years (2017).

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	5%	75%	12%	8%
Male	5%	74%	12%	9%
Age group				
2 to 4 yrs	7%	77%	10%	6%
5 to 7 yrs	6%	78%	10%	7%
8 to 10 yrs	4%	74%	13%	9%
11 to 13 yrs	4%	72%	13%	10%
14 to 17 yrs	3%	73%	14%	11%
Race				
White or Caucasian (non-Hispanic)	4%	76%	12%	7%
Black or African American (non-Hispanic)	3%	63%	15%	19%
Asian (non-Hispanic)	8%	78%	9%	5%
Other	5%	74%	11%	10%
Hispanic (all races)	3%	69%	13%	15%
Health Insurance				
Private	5%	77%	12%	7%
Medicaid	3%	62%	15%	20%
Ann Arbor Overall	5%	75%	12%	9%

Ann Arbor zip codes: 48103, 48104, 48105, 48106, 48107, 48108, 48109, and 48113.

Data Source: Washtenaw Child BMI Dataset (2017) - St. Joseph Mercy Health System and Michigan Medicine contributed electronic health records of Washtenaw County children who had their height and weight measured in 2017. Washtenaw County Health Department 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 using CDC growth curves.