

Childhood BMI Classification

Washtenaw County, MI

2014

N=35,574; children aged 2-17 years (2014).

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	4%	71%	14%	11%
Male	4%	69%	14%	13%
Age group				
2 to 4 yrs	7%	74%	12%	8%
5 to 7 yrs	4%	73%	13%	10%
8 to 10 yrs	4%	69%	14%	13%
11 to 13 yrs	4%	67%	16%	14%
14 to 17 yrs	3%	67%	16%	14%
Race				
White or Caucasian (non-Hispanic)	4%	73%	14%	10%
Black or African American (non-Hispanic)	3%	60%	16%	20%
Asian (non-Hispanic)	7%	76%	11%	6%
Other	4%	67%	14%	15%
Hispanic (all races)	3%	64%	16%	18%
Health Insurance				
Commercial	4%	73%	13%	10%
Medicaid	3%	60%	17%	20%
Washtenaw Overall	4%	70%	14%	12%

Data Source: Washtenaw Child BMI Dataset (2014) - 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 2014. 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 using CDC growth curves.