

# Childhood BMI Classification

## Washtenaw County, MI

### 2016

N=34,001; children aged 2-17 years (2016).

Demographic Group	% underweight (<5 <sup>th</sup> percentile)	% healthy weight (5 <sup>th</sup> -85 <sup>th</sup> percentile)	% overweight (85 <sup>th</sup> -95 <sup>th</sup> percentile)	% obese (>95 <sup>th</sup> percentile)
<b>Sex</b>				
Female	4%	71%	14%	11%
Male	4%	71%	13%	12%
<b>Age group</b>				
2 to 4 yrs	6%	75%	12%	7%
5 to 7 yrs	4%	76%	11%	9%
8 to 10 yrs	4%	70%	14%	13%
11 to 13 yrs	4%	67%	16%	14%
14 to 17 yrs	2%	68%	15%	14%
<b>Race</b>				
White or Caucasian (non-Hispanic)	4%	73%	13%	10%
Black or African American (non-Hispanic)	3%	61%	17%	19%
Asian (non-Hispanic)	7%	76%	10%	6%
Other	5%	68%	13%	13%
Hispanic (all races)	2%	64%	17%	16%
<b>Health Insurance</b>				
Commercial	4%	73%	13%	9%
Medicaid	4%	62%	16%	19%
Washtenaw Overall	4%	71%	14%	11%

**Data Source: Washtenaw Child BMI Dataset (2016) - 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 2016. 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.