

# Childhood BMI Classification Manchester, MI 2013

N=420; children aged 2-17 years (2013).

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	2.9%	71.8%	14.4%	11.0%
Male	6.2%	67.3%	12.8%	13.7%
<b>Age group</b>				
2 to 4 yrs	8.5%	71.8%	9.9%	9.9%
5 to 7 yrs	2.5%	80.2%	11.1%	6.2%
8 to 10 yrs	2.7%	73.0%	12.2%	12.2%
11 to 13 yrs	3.5%	60.5%	15.1%	20.9%
14 to 17 yrs	5.6%	64.8%	17.6%	12.0%
<b>Race</b>				
White or Caucasian (non-Hispanic)	4.5%	70.1%	13.5%	11.9%
Black or African American (non-Hispanic)	***	***	***	***
Asian (non-Hispanic)	***	***	***	***
Other	***	***	***	***
Hispanic (all races)	***	***	***	***
<b>Health Insurance</b>				
Commercial	5.1%	69.3%	13.1%	12.5%
Medicaid	1.6%	73.0%	15.9%	9.5%
<b>Manchester Overall</b>	<b>4.5%</b>	<b>69.5%</b>	<b>13.6%</b>	<b>12.4%</b>

Manchester zip code: 48158.

\*\*\*Due to the small number of children for this group in Manchester, overweight rates cannot be calculated.

**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