

# Childhood BMI Classification

## Whittaker and Willis, MI

### 2016

N=428; 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	2%	57%	20%	20%
Male	3%	63%	15%	19%
<b>Age group</b>				
2 to 4 yrs n=74	4%	74%	12%	10%
5 to 7 yrs	5%	60%	17%	18%
8 to 10 yrs n=69	3%	61%	16%	20%
11 to 13 yrs	0%	64%	17%	19%
14 to 17 yrs	2%	50%	22%	26%
<b>Race</b>				
White or Caucasian (non-Hispanic)	4%	58%	18%	21%
Black or African American (non-Hispanic)	***	***	***	***
Asian (non-Hispanic)	***	***	***	***
Other	***	***	***	***
Hispanic (all races)	***	***	***	***
<b>Health Insurance</b>				
Commercial	3%	61%	18%	19%
Medicaid	1%	60%	17%	22%
<b>Whittaker and Willis Overall</b>	<b>3%</b>	<b>60%</b>	<b>17%</b>	<b>20%</b>

Whittaker and Willis zip codes: 48190 and 48191.

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

**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 ( $BMI = kg/m^2 = lb*703/in^2$ ); 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.