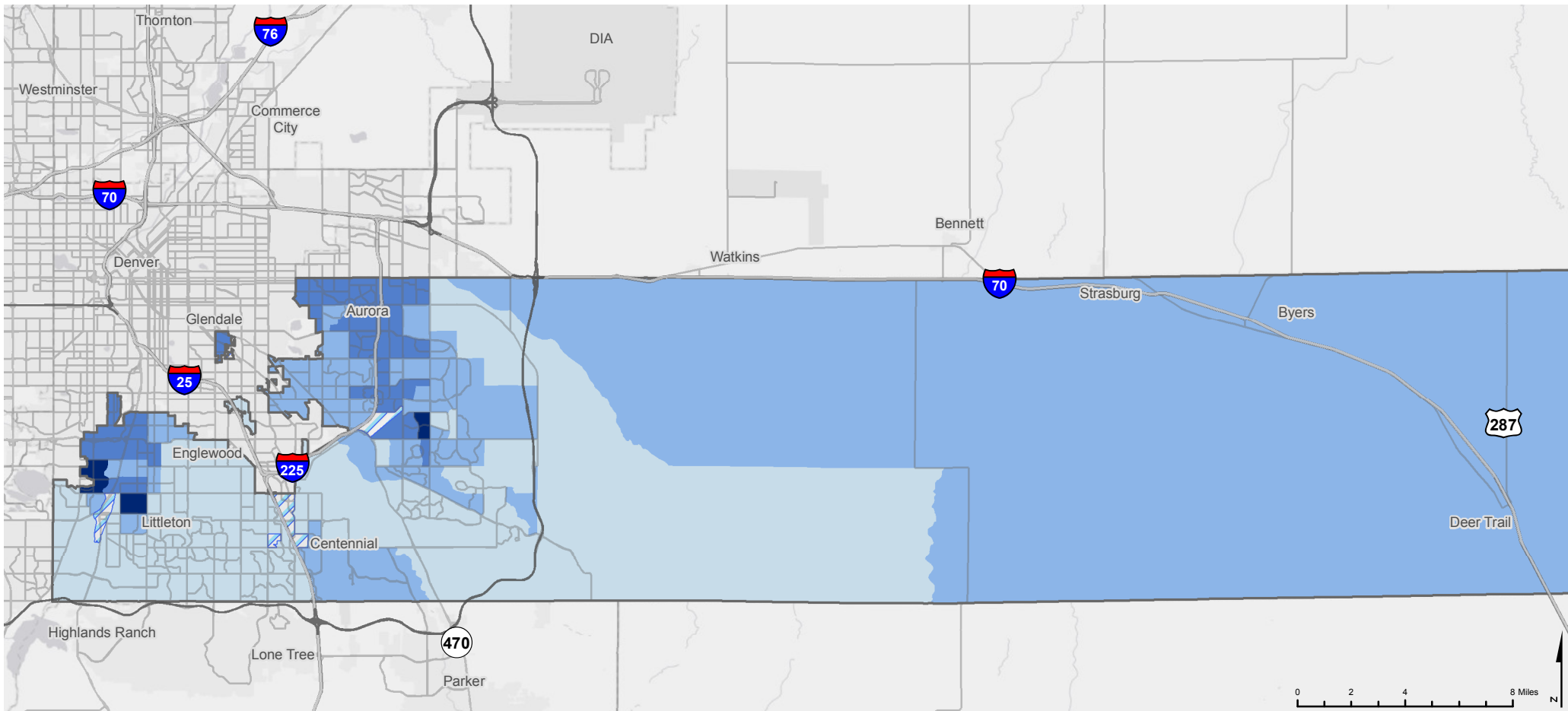


# Estimated Prevalence of Children and Youth with Obesity (2013-2015): Arapahoe County, Colorado



This map displays the percentage of children and youth 2-17 years of age with obesity, by census tract, based upon body mass index (BMI) measurements contributed to the Colorado BMI Monitoring System from multiple health care organizations. BMI was calculated from height and weight and plotted on the Centers for Disease Control and Prevention (CDC) male or female BMI-for-age growth chart to determine a percentile. Obesity was defined as a BMI at the 95th percentile or higher. The percentage with obesity was calculated for each census tract by dividing the number of children and youth with a BMI at the 95th percentile or higher by the total number of valid BMI measurements available in that census tract. These data are comprised of children and youth 2-17 years of age who reside in Arapahoe County. The total number of children and youth represented with valid BMI measurements is 61,224, or 41% of the total children and youth population of 150,508, as reported from the 5-year American Community Survey (2011-2015). Census tracts were designated as having insufficient data for display if: 1) the total population was fewer than 50 individuals; or 2) fewer than 50 valid BMI measurements were available; or 3) coverage was less than 20% of the population 2-17 years of age. Missing race/ethnicity data were imputed using hot decking based on census tract, gender and age classes. A direct adjustment was applied based on gender, race/ethnicity and age to prevalence estimates. Raking, an iterative method of marginal weight adjustment, was used in each census tract to create sample weights used in direct adjustment estimates.

**Arapahoe County Average 12%**

2% - < 10%	Insufficient Data
10% - < 15%	County Boundary
15% - < 20%	Freeways
20% - 21%	Major Roads

**Range: 2% - 21%**

To request additional maps and/or aggregated data tables, please contact  
COBMIMonitoringProject@gmail.com

BMI Data Contributors: Children's Hospital Colorado, Denver Health, High Plains Community Health Center, Kaiser Permanente Colorado, Metro Community Provider Network, and Salud Family Health Centers