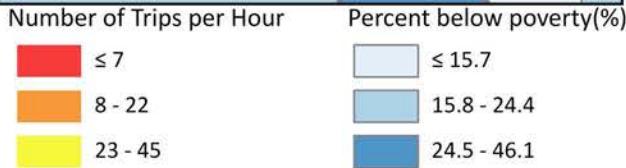
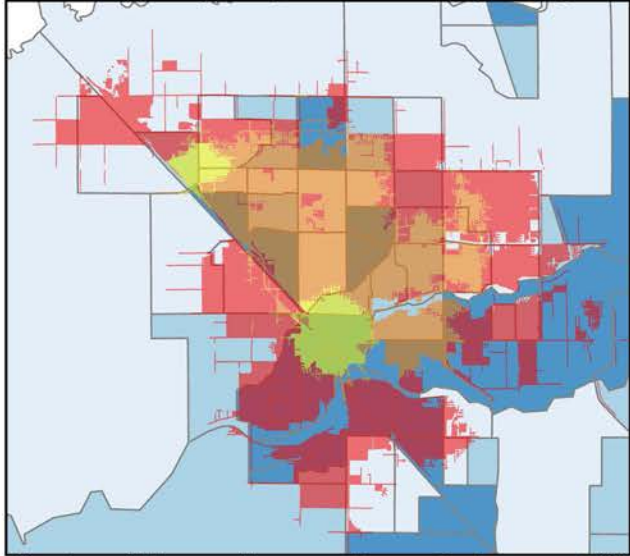
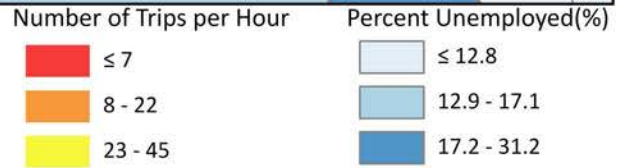
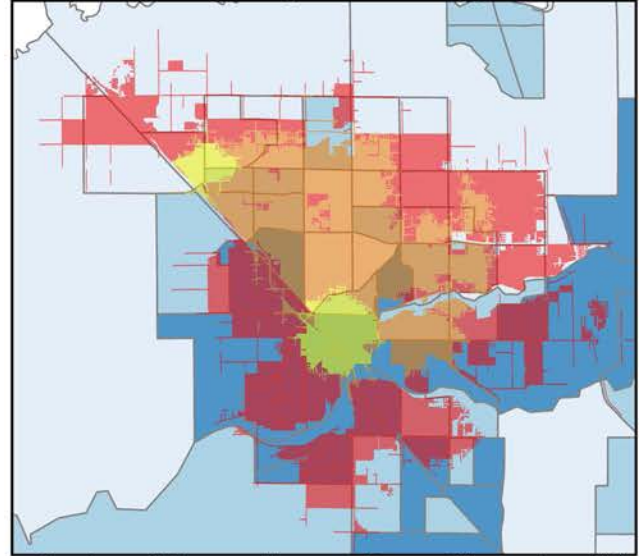


Exploring the Spatial Variation in Bus Arrivals in Modesto, California and the Relationship to Select Socio-demographic Variables

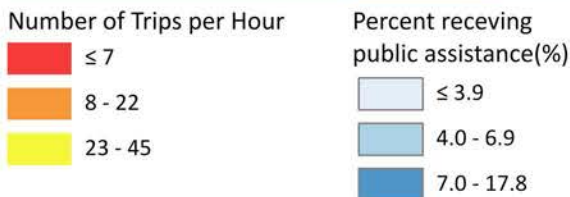
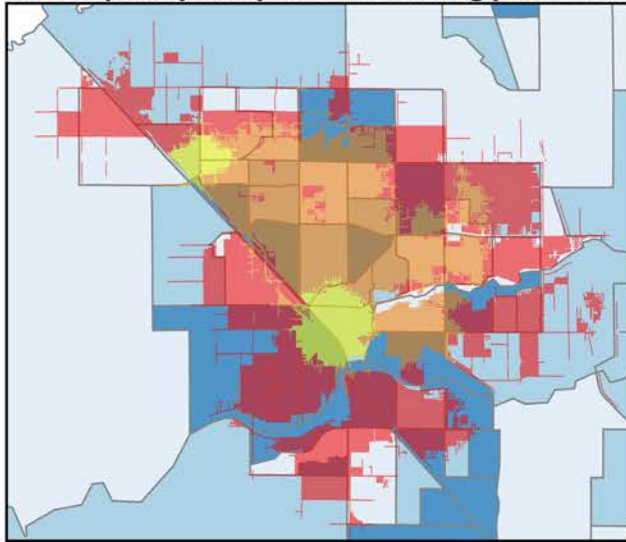
Bus frequency and percent below poverty



Bus Frequency and percent unemployed



Bus frequency and percent receiving public assistance



Bus frequency and percent working from home



This map measures access to public transportation by using both proximity and bus frequency to develop a full picture of access to public transportation in Modesto, California. The frequency of bus arrivals is overlaid on maps of select socio-demographic variables in order to visualize relationships that may exist between the two data sets. The areas in red have fewer bus arrivals, and thus, the wait is longer between each arrival.

Method: The average number of bus arrivals per hour was calculated for a 1 mile radius around each MAX Transit bus stop in Modesto from 5am to 8pm on Monday.

