**Mass Housing Partnership - Deliverable 2**

March 24, 2020

1. Refine the preliminary analysis of the data performed in PD1

   Since deliverable 1, we were able to refine the analysis of the data by removing duplicated parcels and LOC_ID before merging the parcel and address data using spatial join. We found that some address data were on the boundaries and we may not be able to assign these addresses to the parcel data because the state-wide parcel data given to us does not include addresses on the boundaries.

2. Answer another key question

   We developed a process to merge the state-wide parcel data and state-wide addresses data and calculate the residential density for each city. This is the process Tom wanted us to develop, so he can update the residential density when new data is available. We also were able to start generating a foundation for a map in which a user can interact with each parcel and view the residential density.

3. Next Steps

   We also need to apply this process to each city in order to generate our final dataset to use for the map. We need to discuss with Tom on how to deal with boundary data and generate a map he wants to see for the final result.