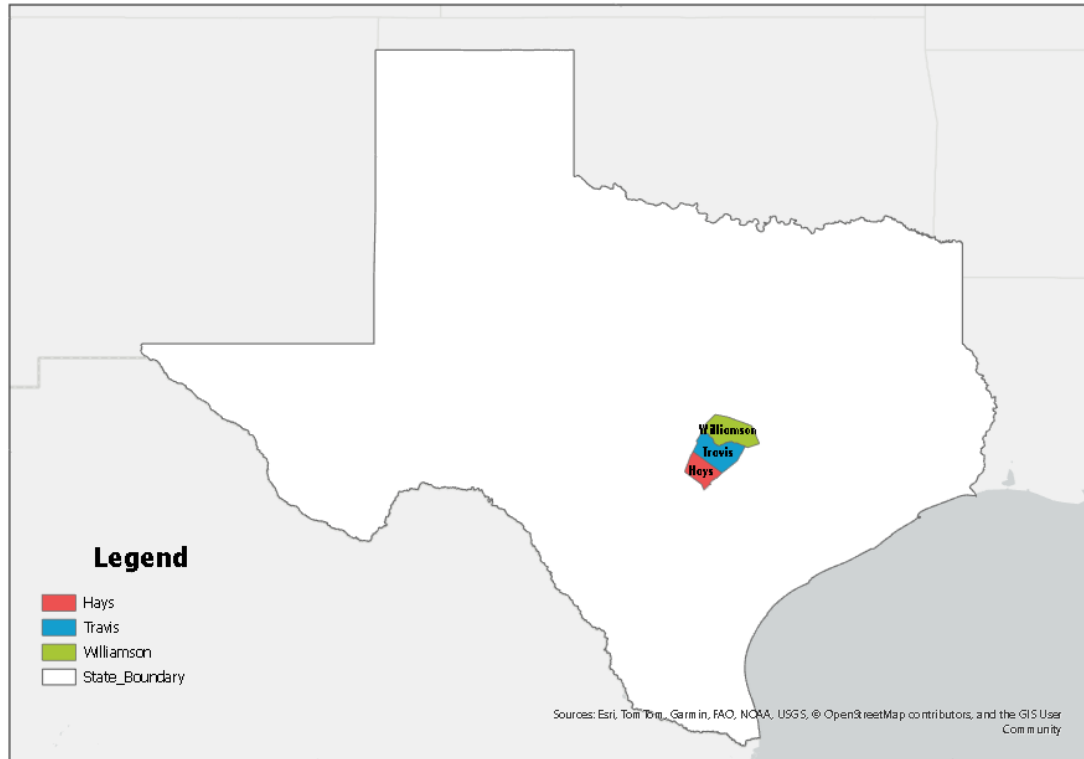# Austin Study
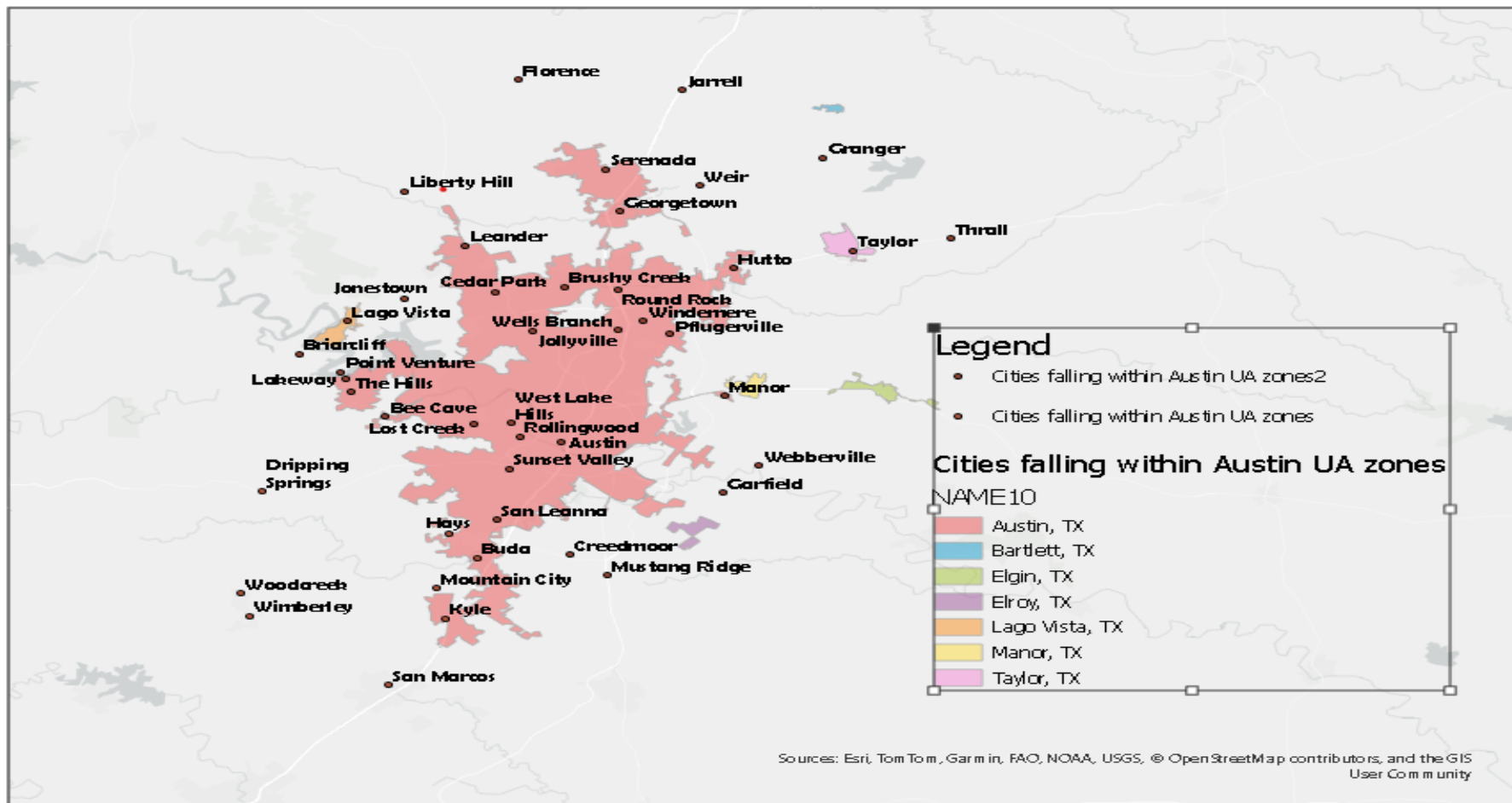
Jessica McPhaul

Austin Counties

Legend

- Hays
- Travis
- Williamson
- State_Boundary

Williamson
Travis
Hays

Sources: Esri, Tom Tom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

Legend
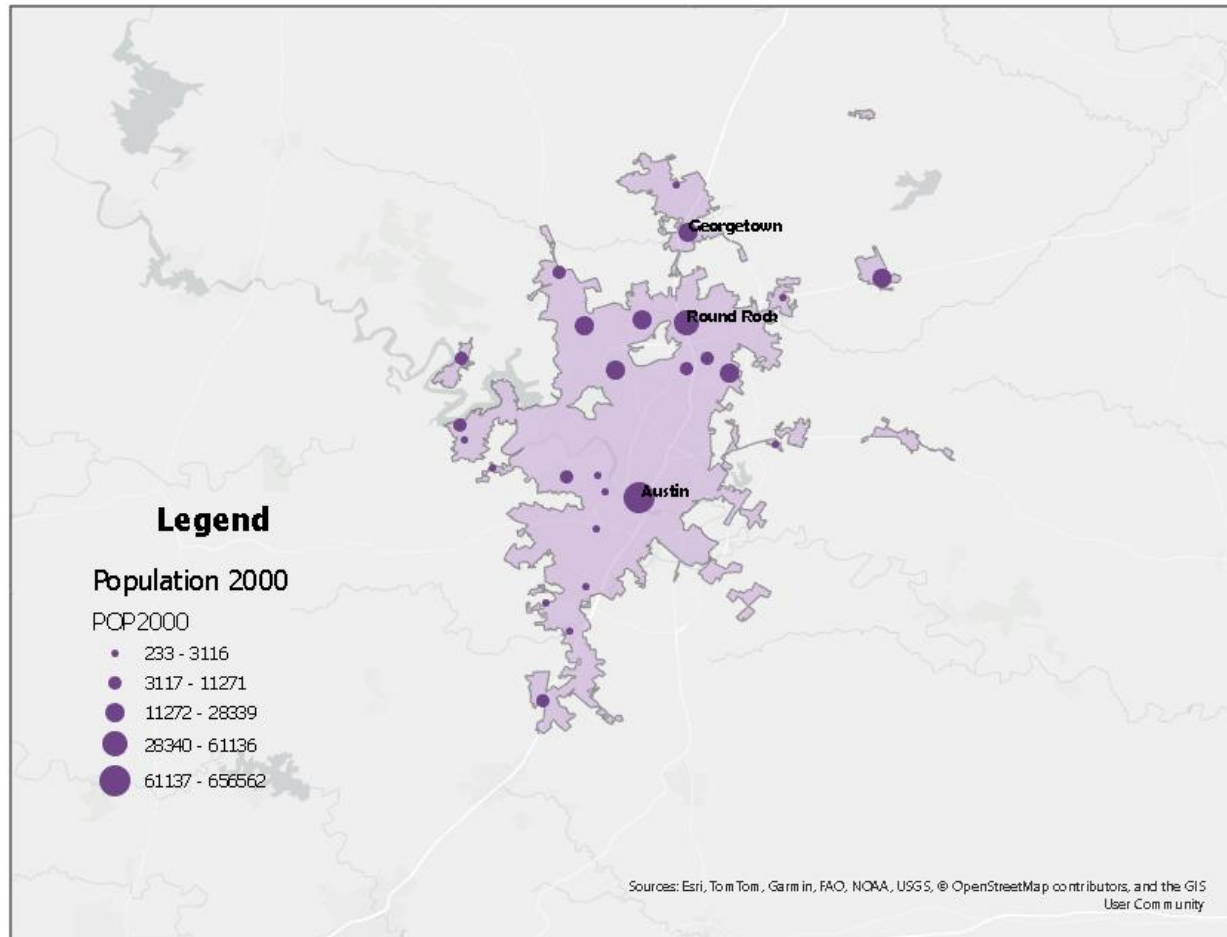- Cities falling within Austin UA zones2
- Cities falling within Austin UA zones

Cities falling within Austin UA zones
NAME10
- Austin, TX
- Bartlett, TX
- Elgin, TX
- Elroy, TX
- Lago Vista, TX
- Manor, TX
- Taylor, TX

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

Most Populous

Georgetown

Round Rock

Austin

Legend

Population 2000

POP2000

· 233 - 3116

· 3117 - 11271

● 11272 - 28339

● 28340 - 61136

● 61137 - 656562

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS
User Community
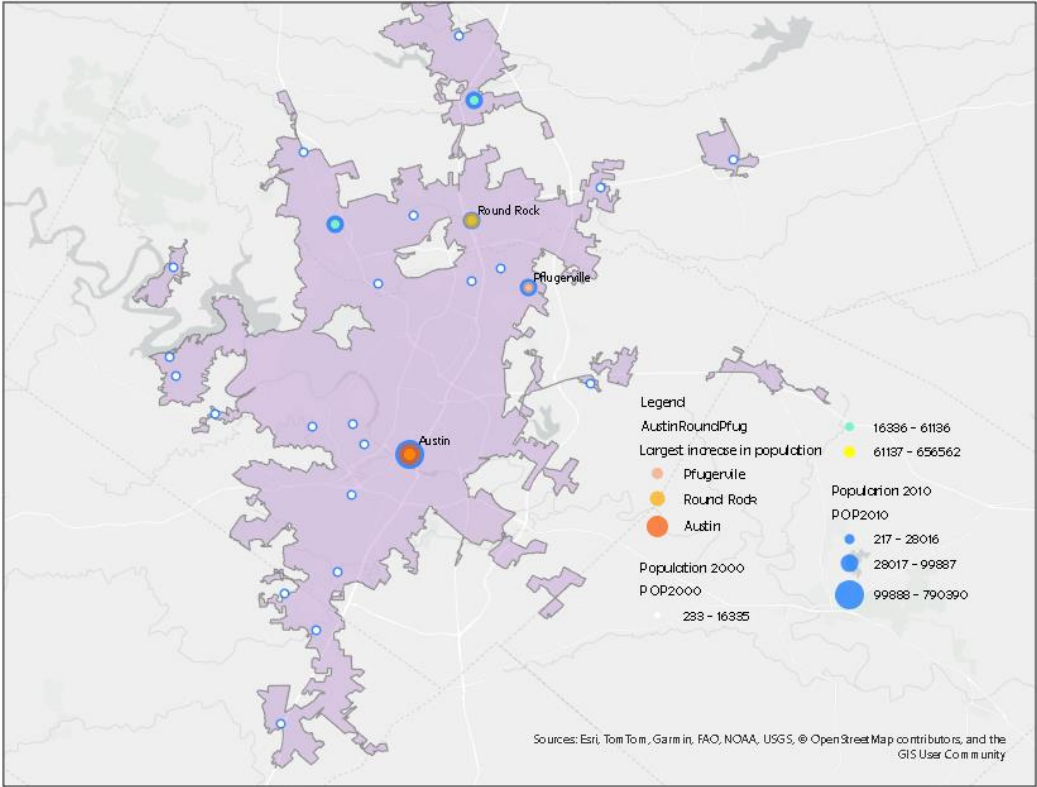
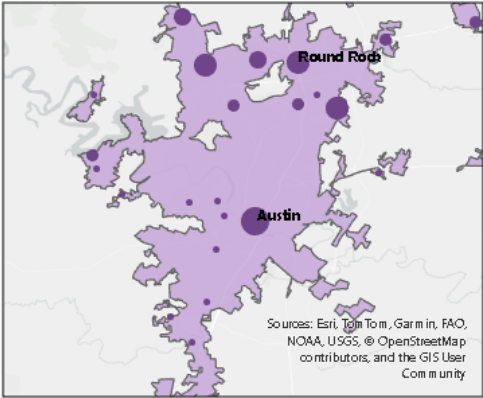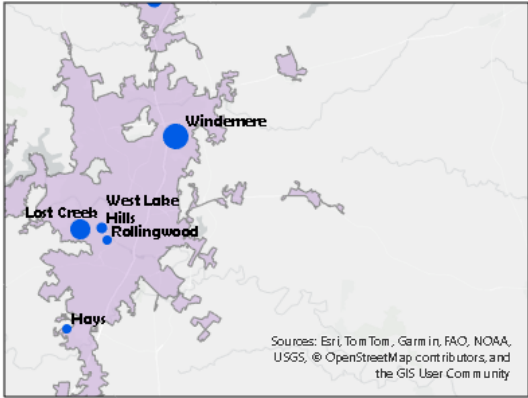# Biggest Increase in Population

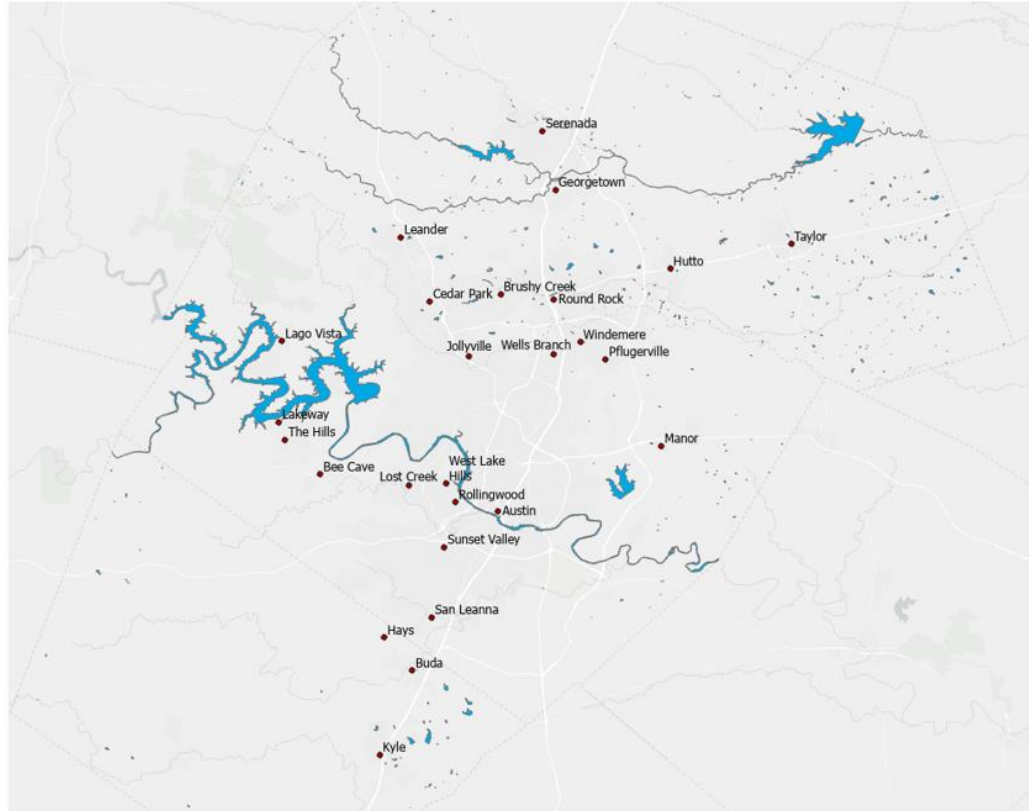# Largest Decrease in Population

Legend

most popular

Population 2000

POP2010

- · 217 - 7295
- · 7296 - 16151
- · 16152 - 28016
- · 28017 - 99887
- · 99888 - 790390

Legend

Decrease in population

Pop_change

- · -52 - 9
- · -205 - -53
- · -219 - -206
- · -5830 - -220
- · -5831

Waterways

Buffer of 2 miles. Austin, Round Rock and Pflugerville are largest cities. Round Rock is within Buffer. Pflugervile is out of buffer. Water Proximity & Population: Mixed correlation observed. Areas outside buffer zone (Windemere, Serenada, Lost Creek) show population decline.

- Centralized Growth: Strong growth within buffer zone (Austin) and at the edge (Round Rock).
- Outlier: Pflugerville (outside buffer) contradicts water proximity theory.
- Conclusion: Water proximity isn't the sole driver of population change; other factors at play.
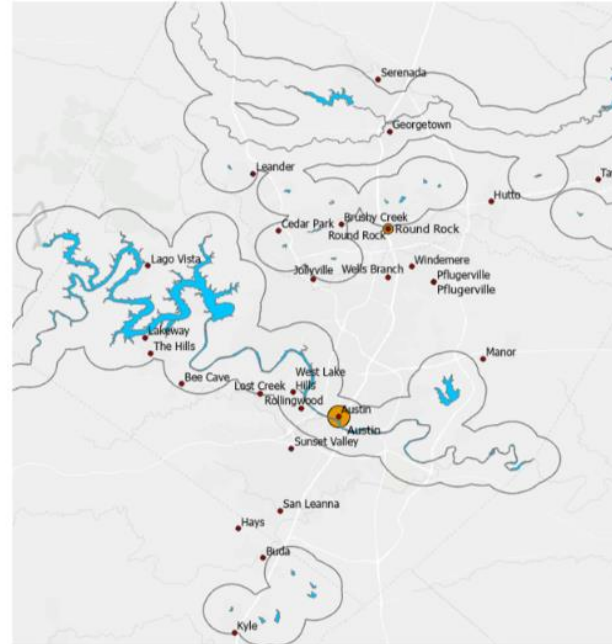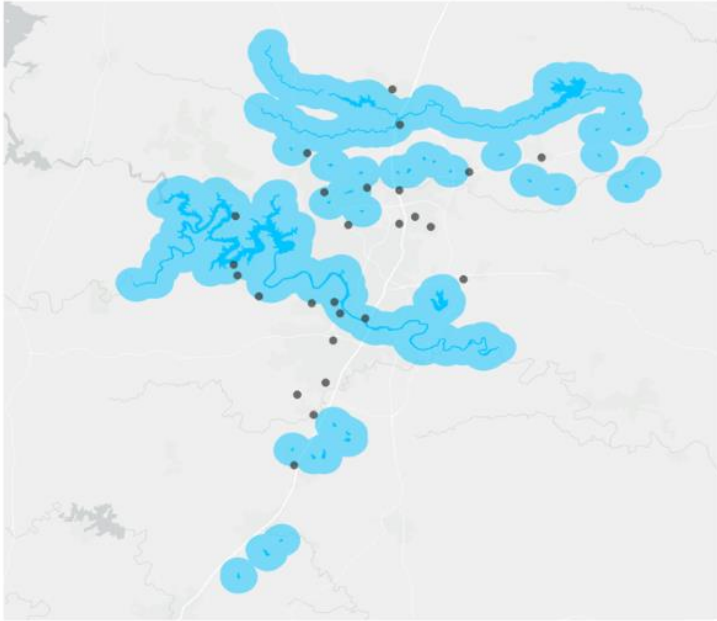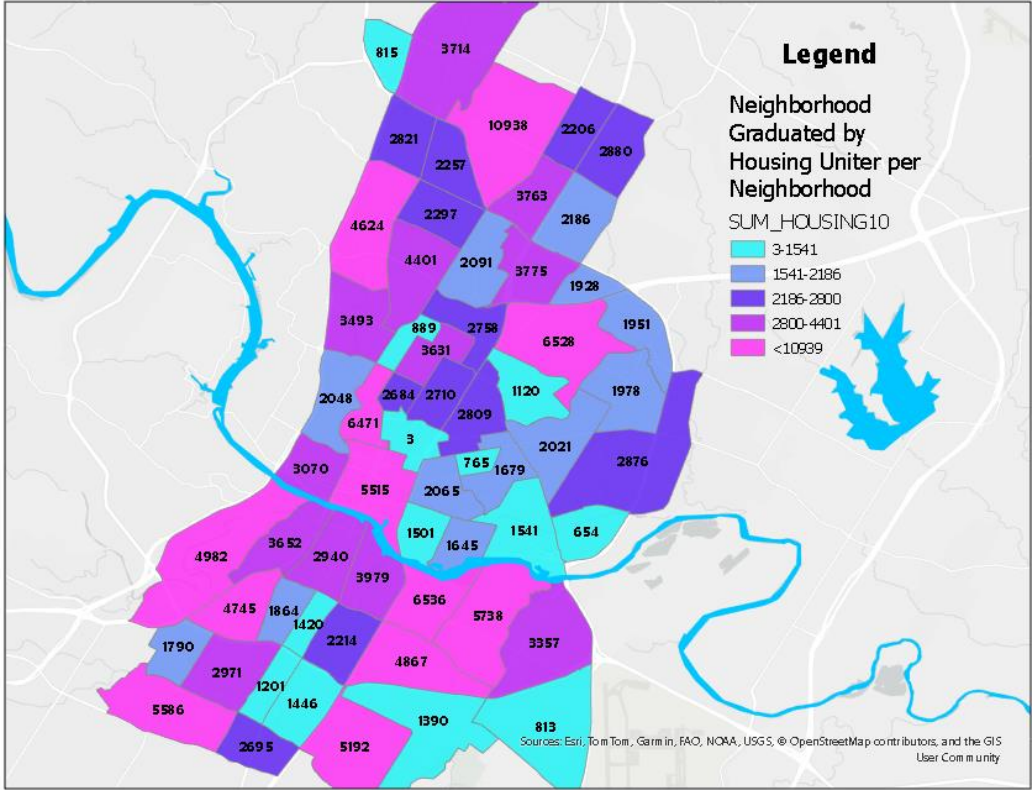
Austin with labeled neighborhoods
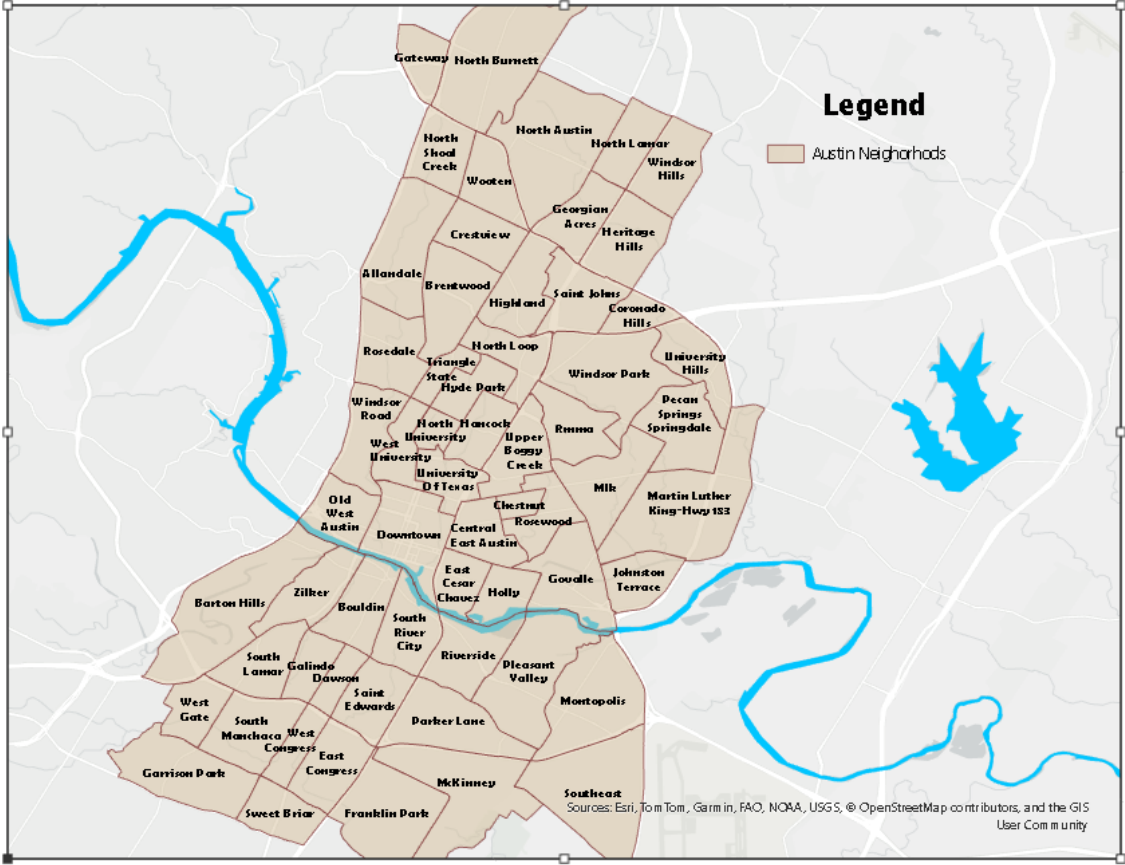
Neighborhoods by 2010 Population. SE of river is very populous. Near campus, near water and near downtown are are densely populated.
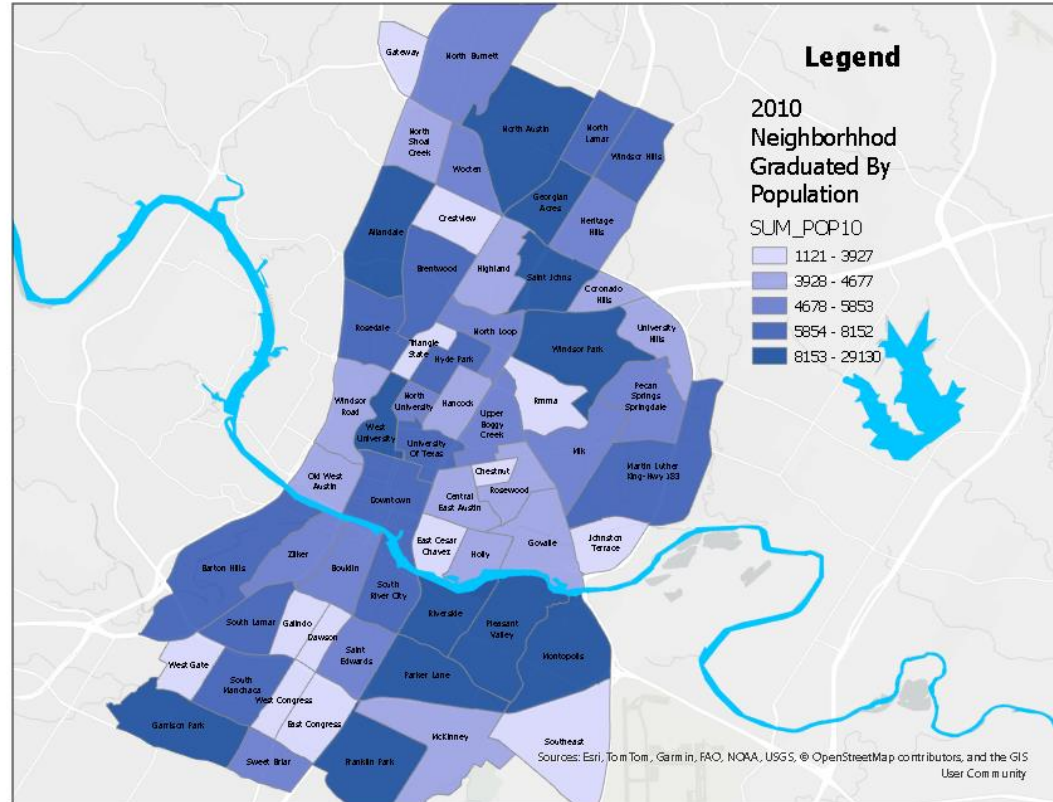
Neighborhoods Graduated by Housing Units Per Neighborhood

Location of UT is centralized with the city of Austin. This shows the concentration of population and housing close to campus.

Legend

Univ. Texas

Housing/Pop

SUM_HOUSING10 /
SUM_POP10

	0.0004140 - 0.3944
	0.3945 - 0.4379
	0.4380 - 0.5080
	0.5081 - 0.5813
	0.5814 - 0.7427

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community