

Redistricting Principles

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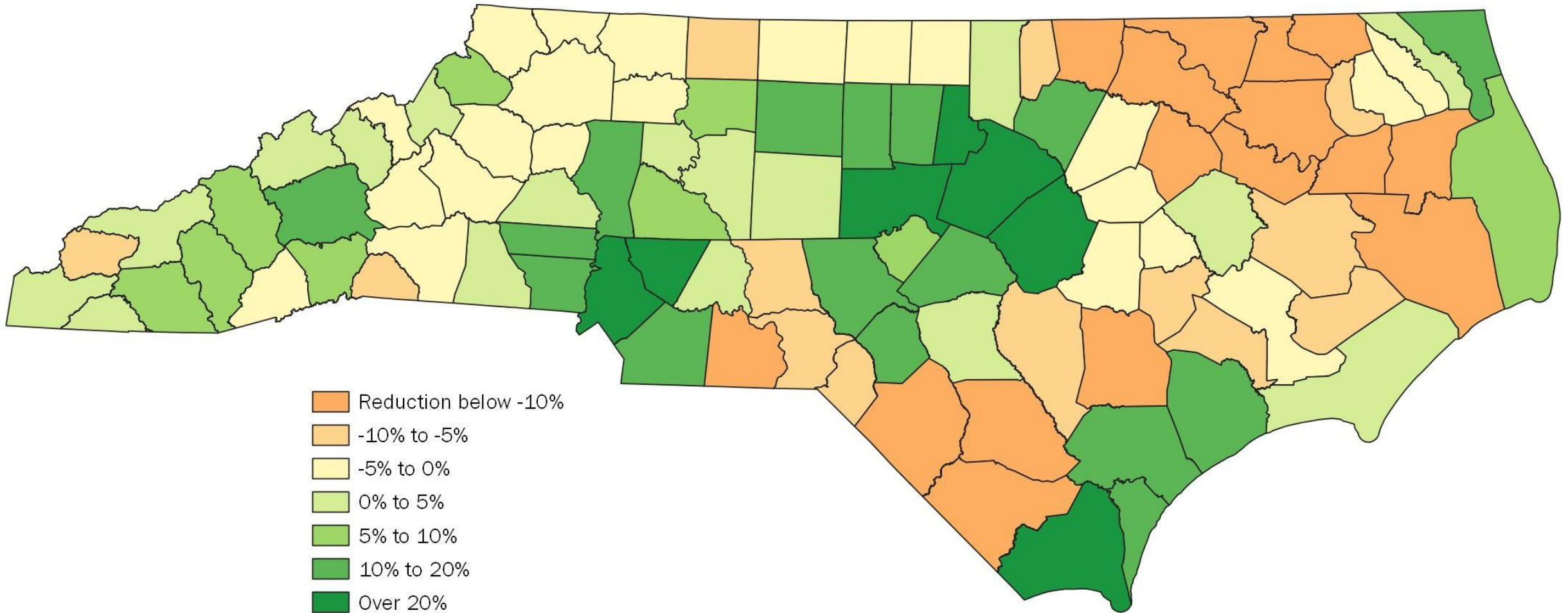
Blake Esselstyn
Mapfigure Consulting

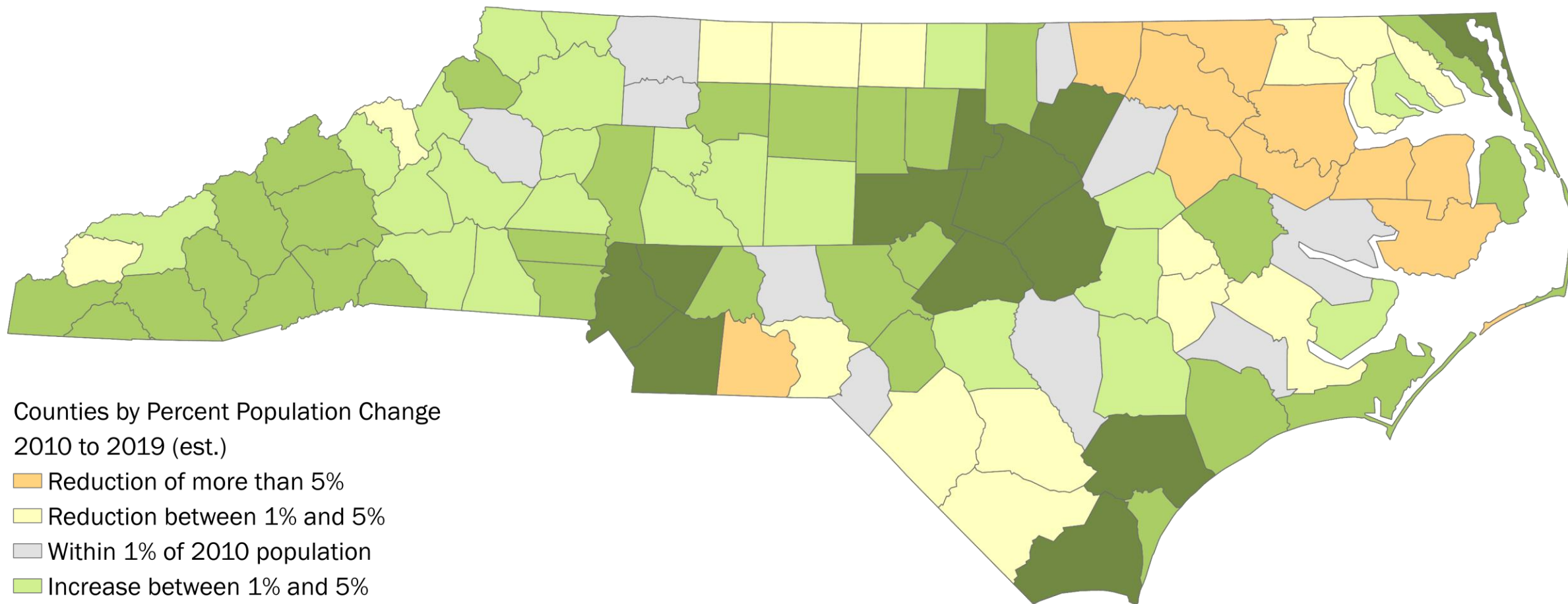
WAKE COUNTY PUBLIC SCHOOL SYSTEM
December 7, 2021

Foundational & Required Principles

Population Equality

Change in NC County Population from 2010 to 2020





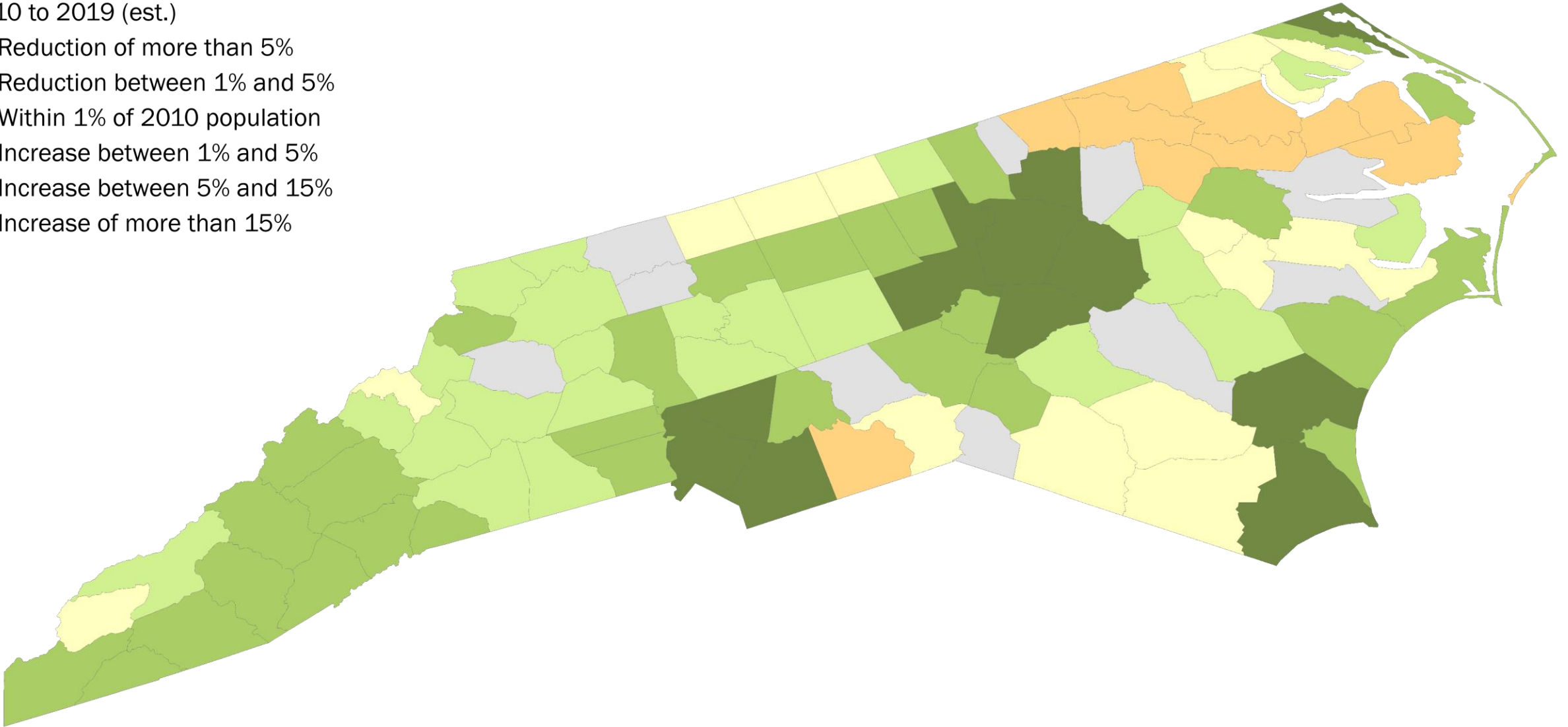
Counties by Percent Population Change
2010 to 2019 (est.)

- Reduction of more than 5%
- Reduction between 1% and 5%
- Within 1% of 2010 population
- Increase between 1% and 5%
- Increase between 5% and 15%
- Increase of more than 15%

Source: 2010 US Census and NC OSBM 2019 County Estimates

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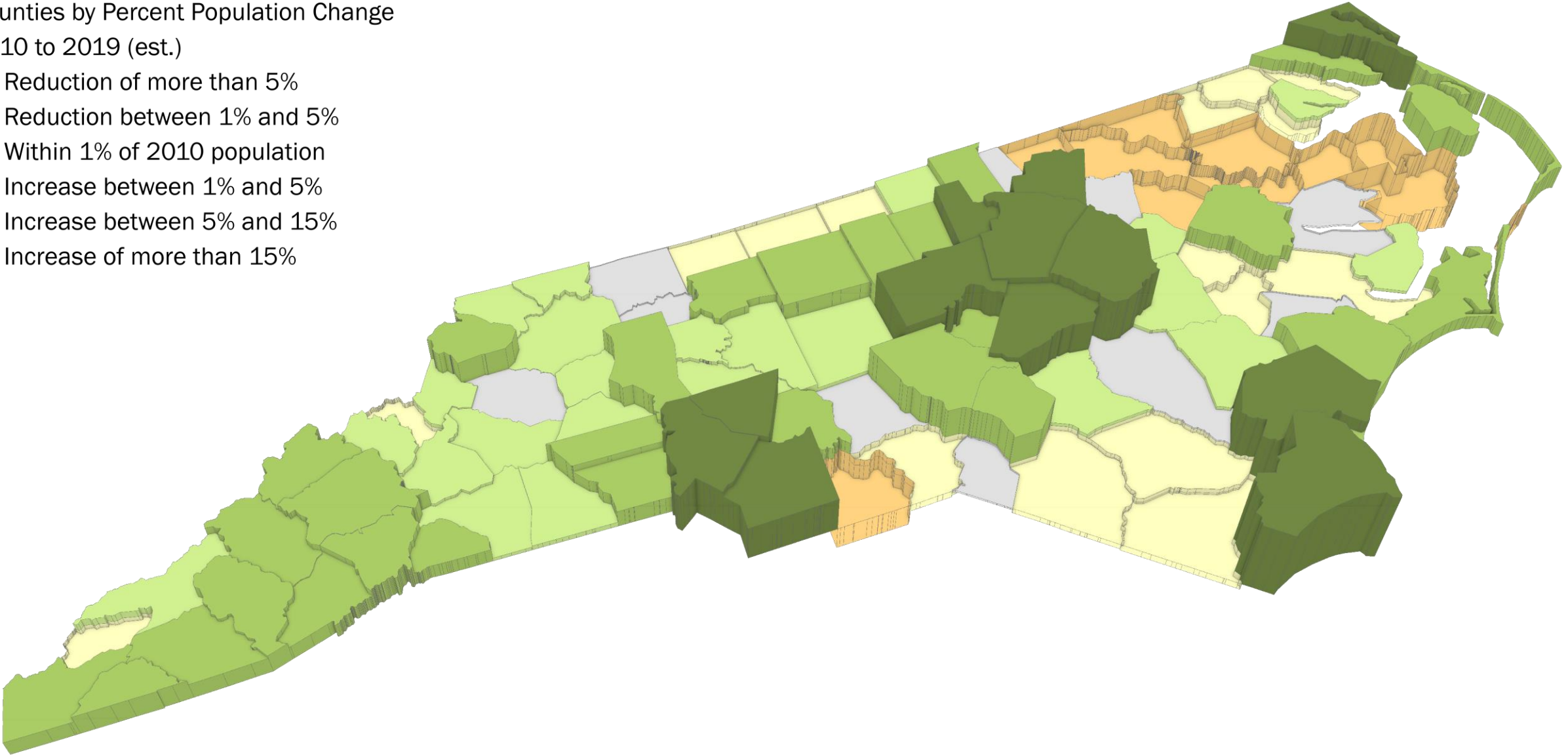


Source: 2010 US Census and NC OSBM 2019 County Estimates

(Here, height reflects *percent* population change.)

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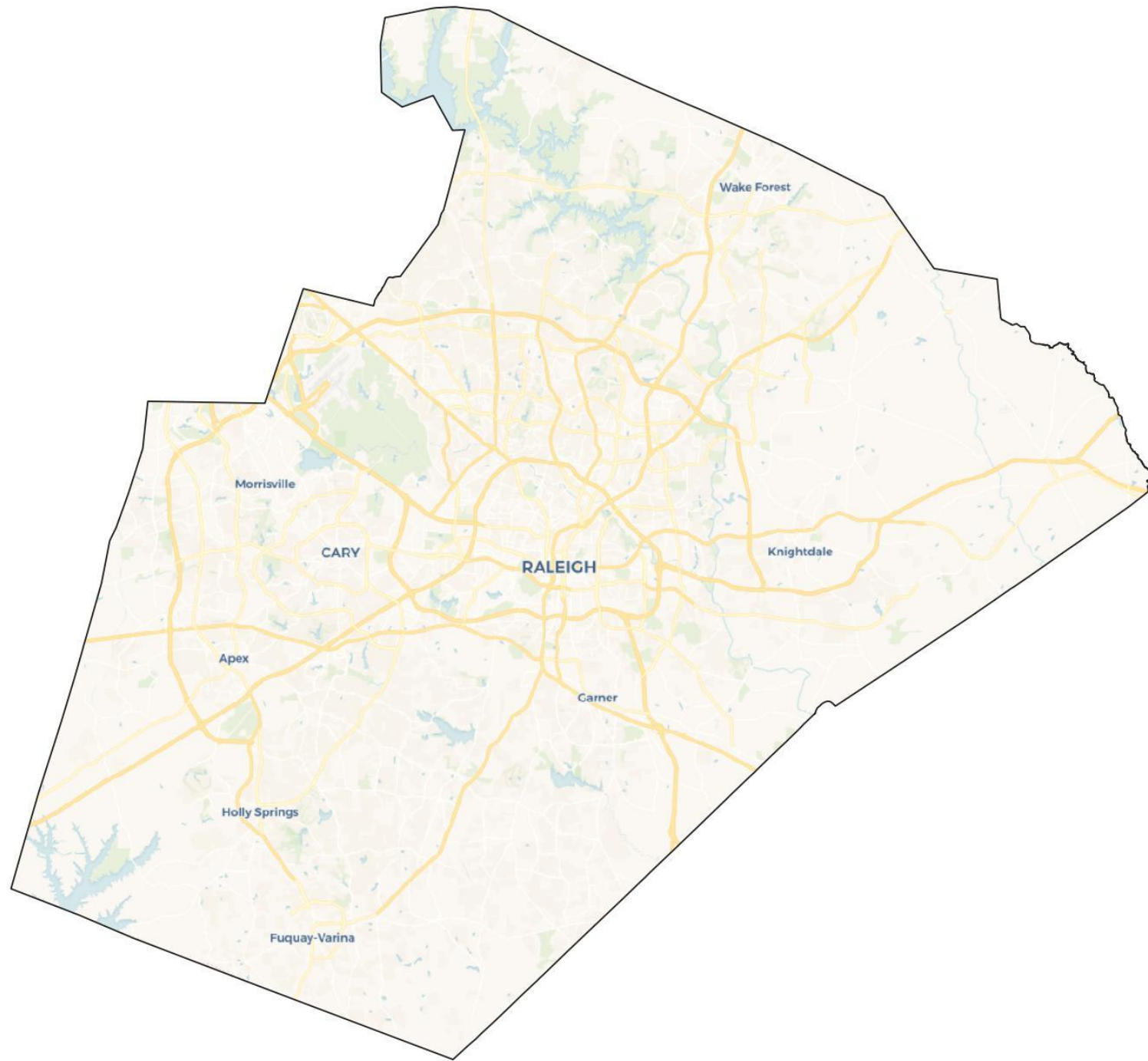
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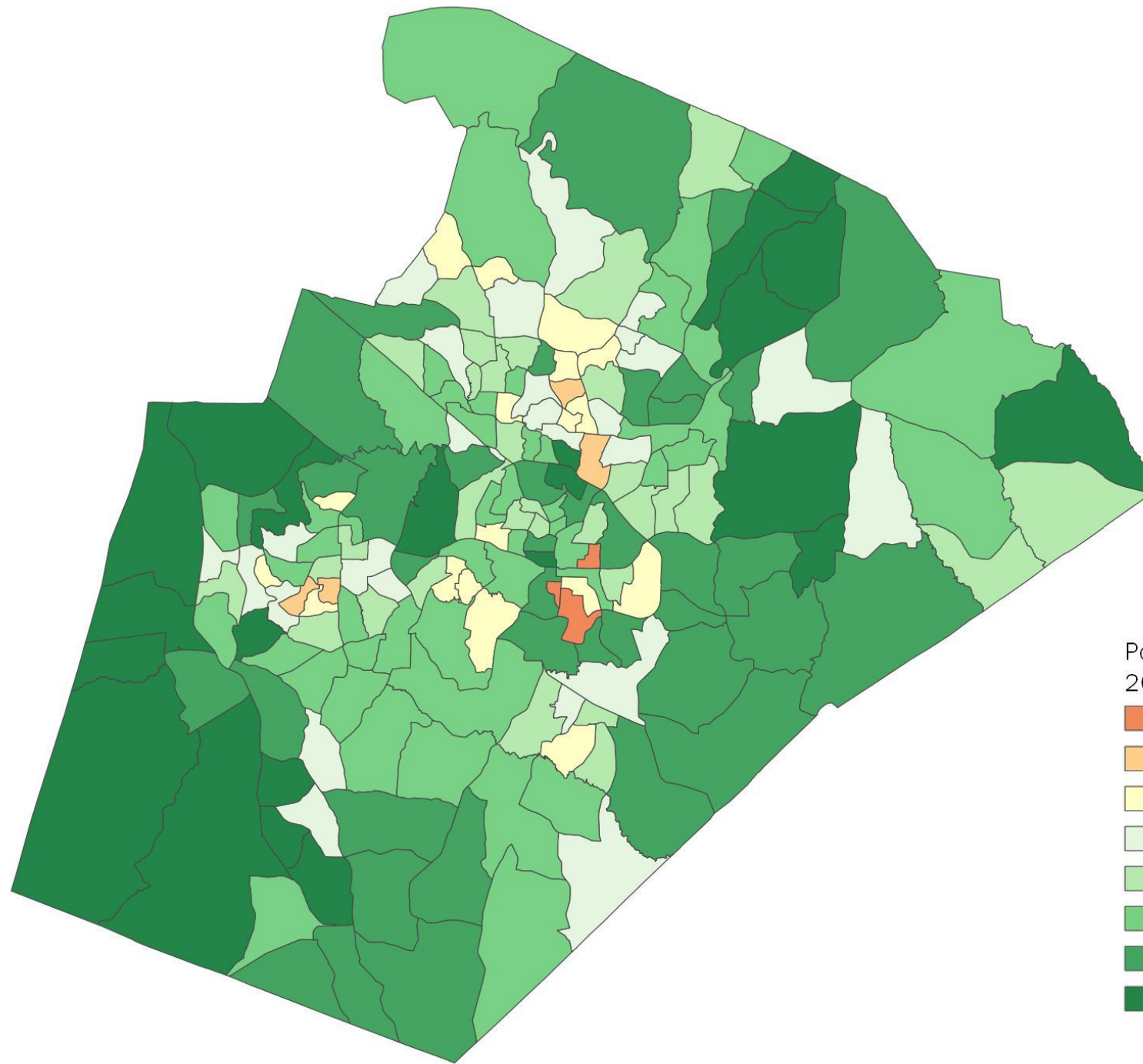
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(Here, height reflects *numeric*
population change.)

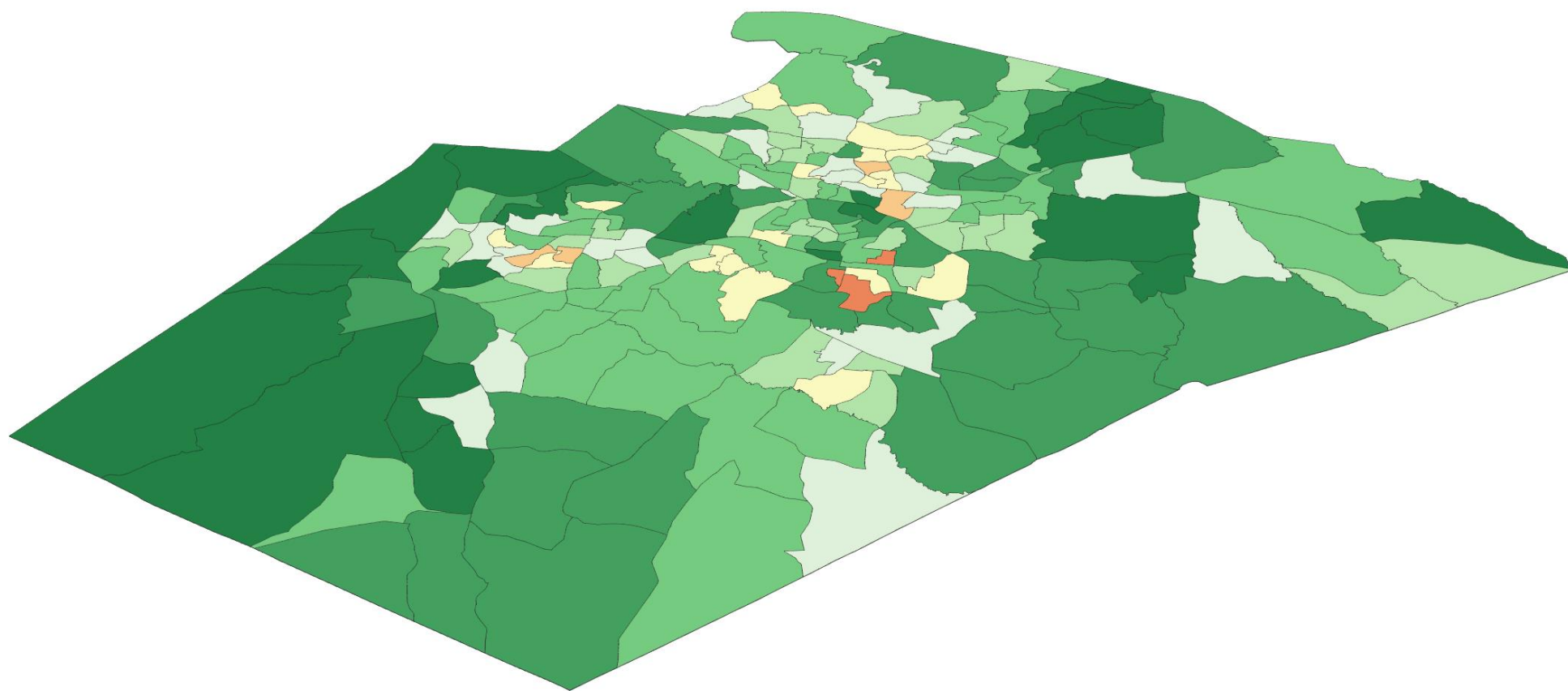


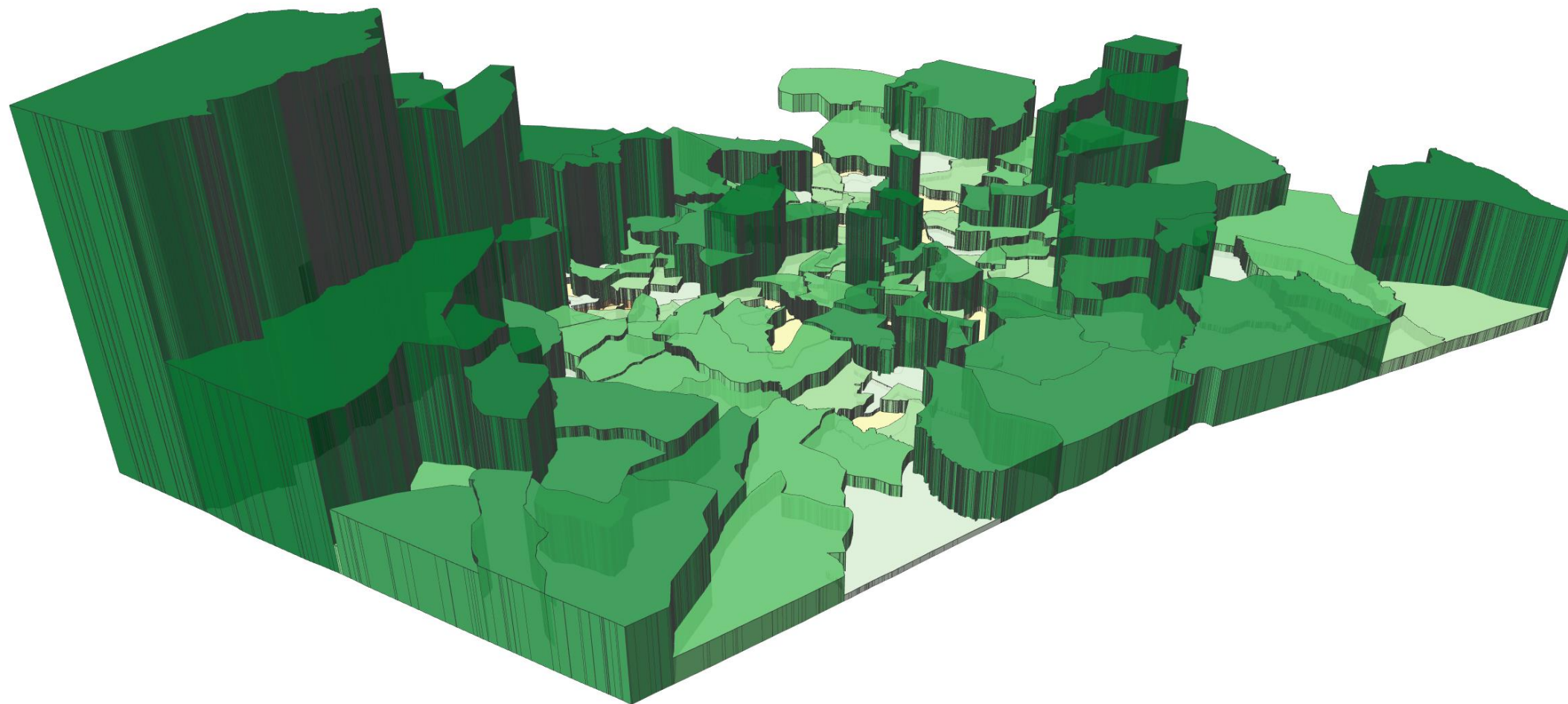


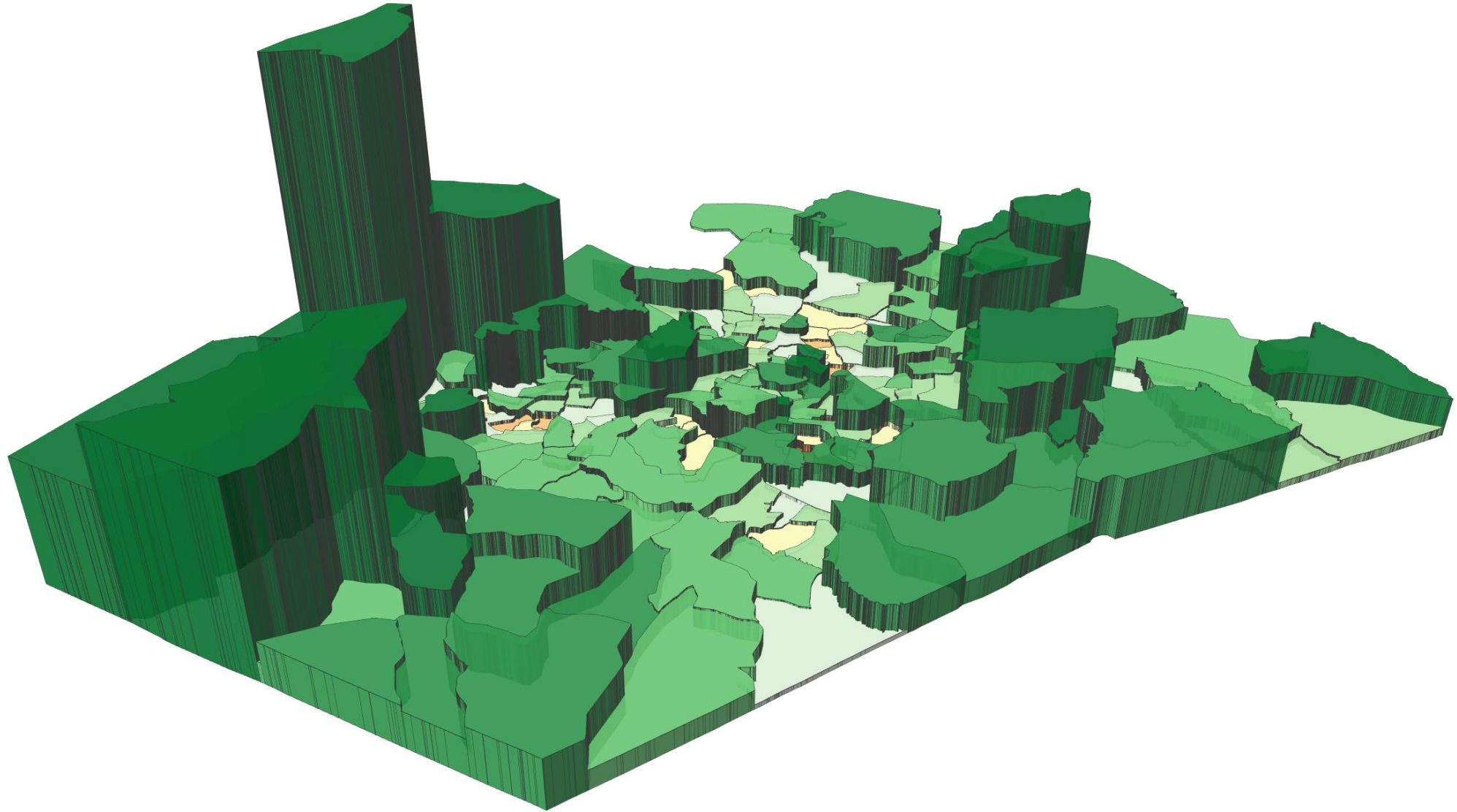


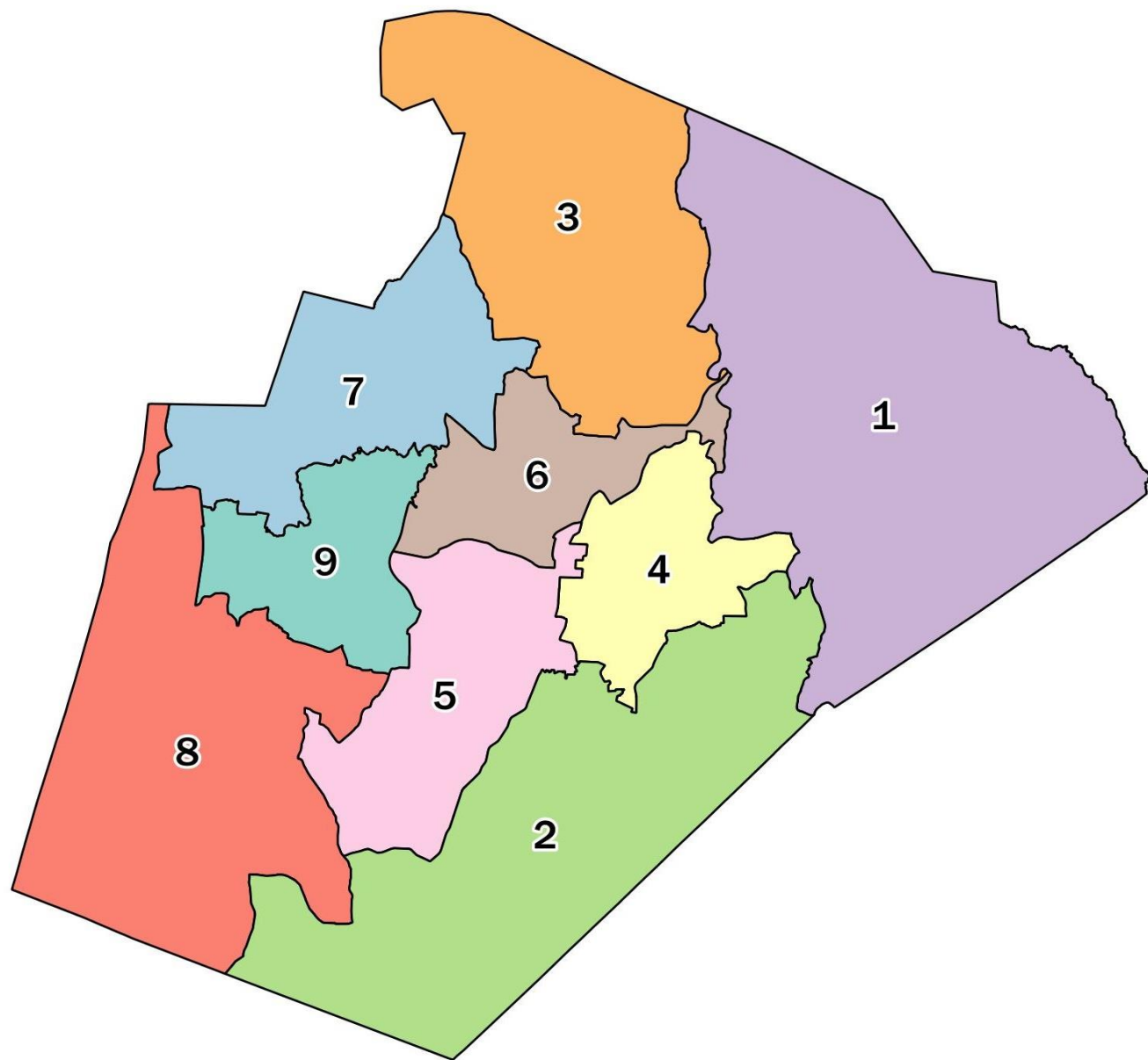
Population change from
2010 to 2020 (2010 VTDs)

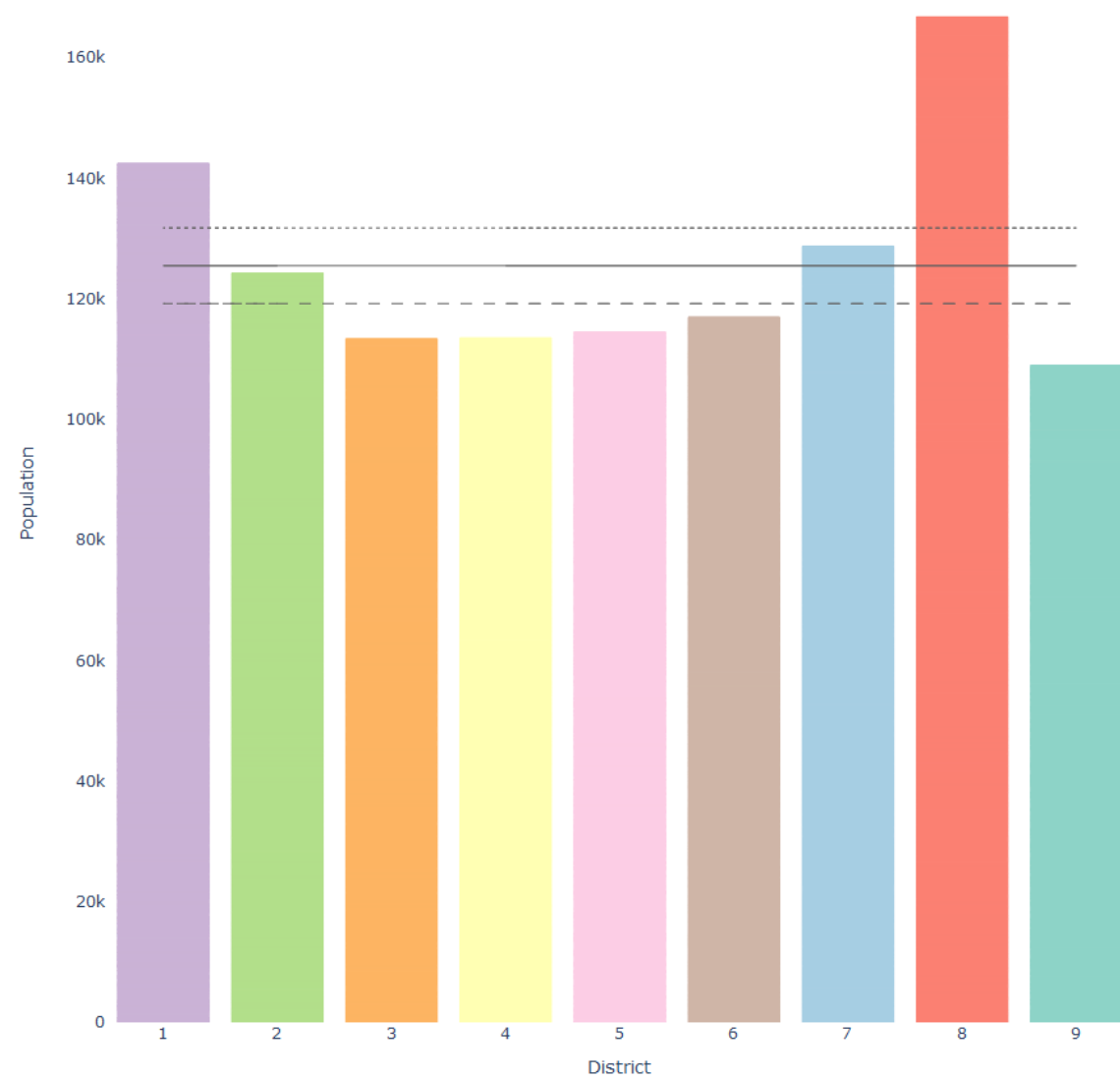
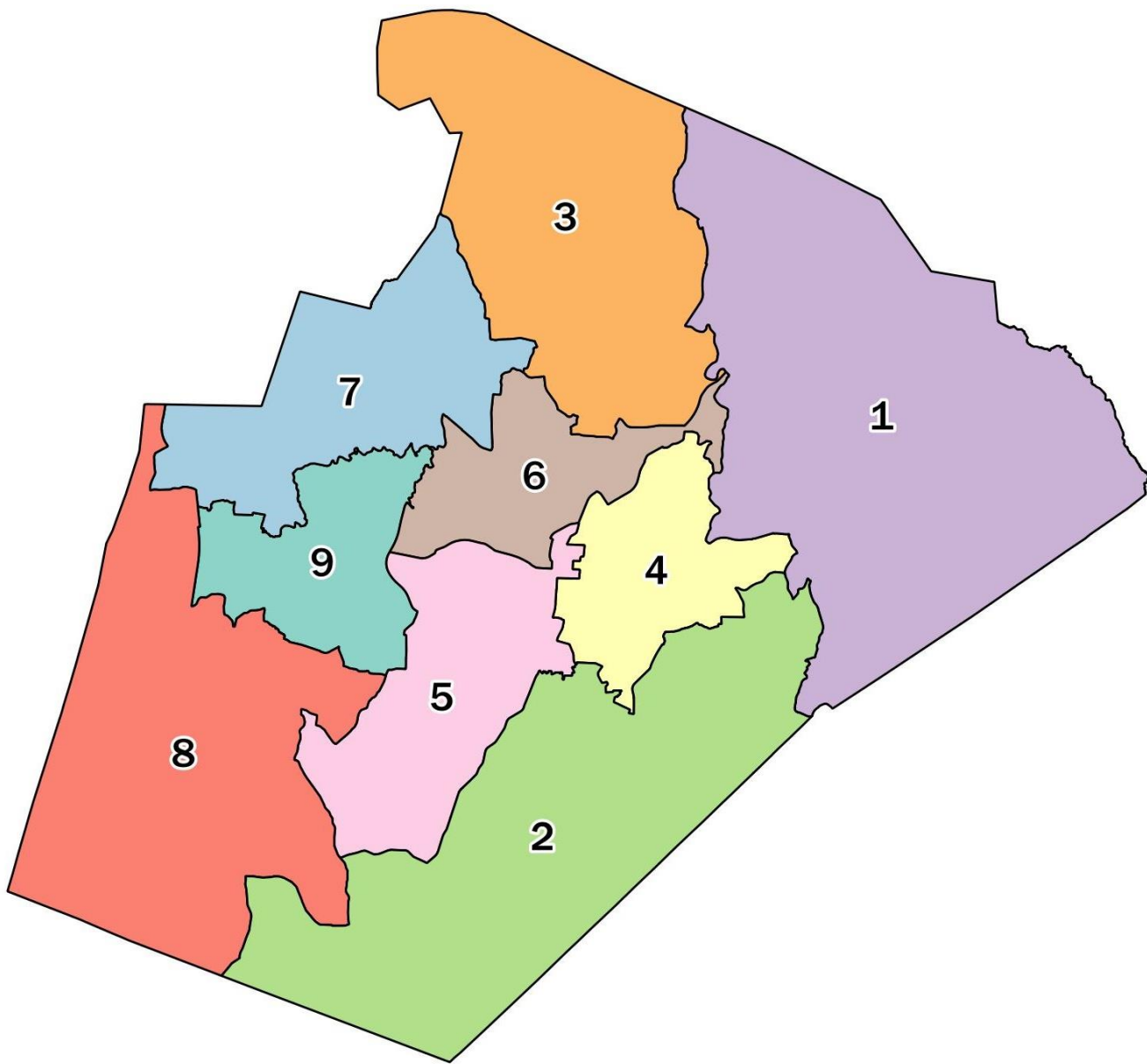
- Reduction below -10%
- 10% to -5%
- 5% to 0%
- 0% to 5%
- 5% to 10%
- 10% to 20%
- 20% to 50%
- Increase over 50%

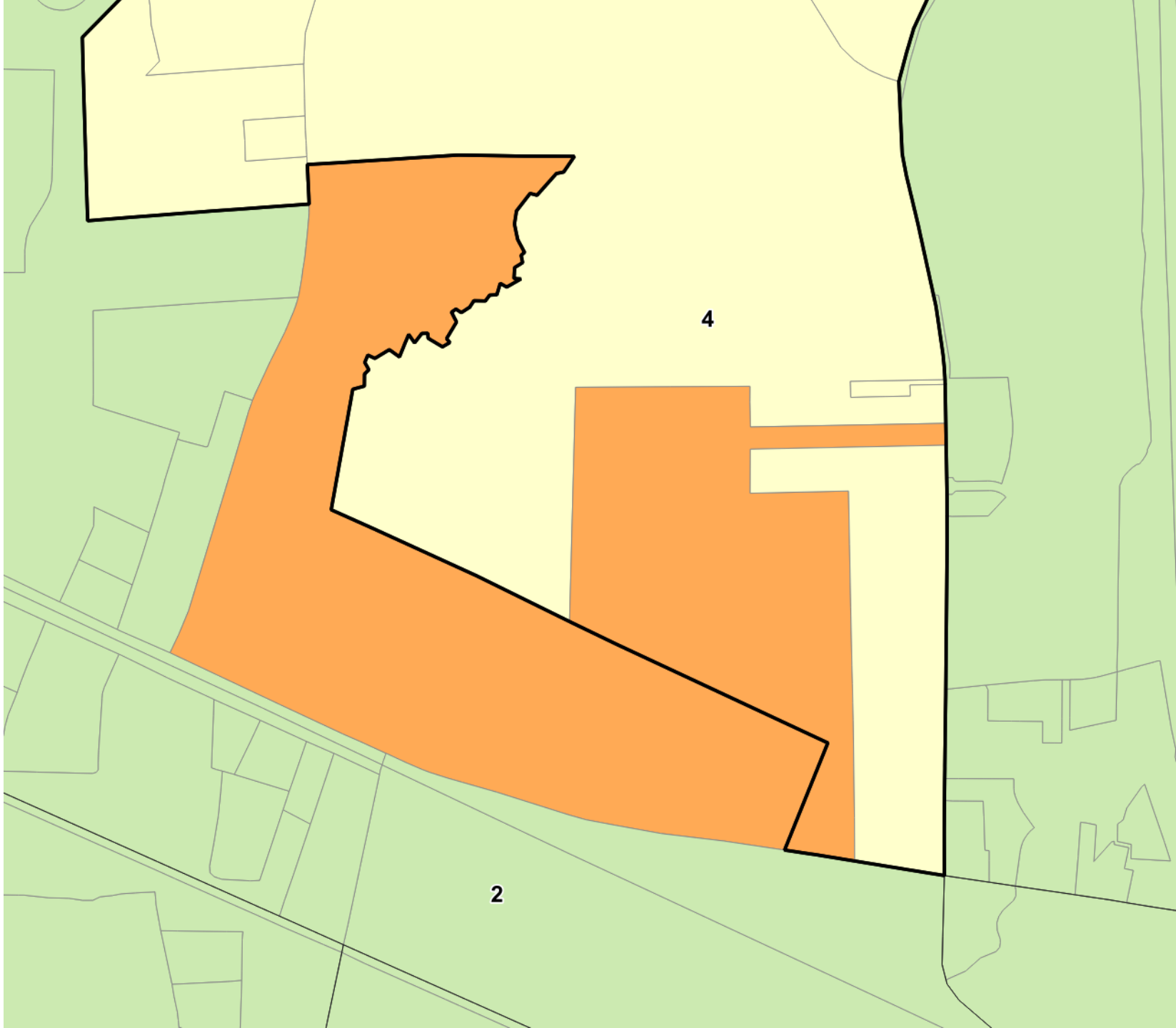












Other Foundational Principles

- Contiguity
- Compliance with the Federal Voting Rights Act
- (Partisan election data will *not* be considered.)

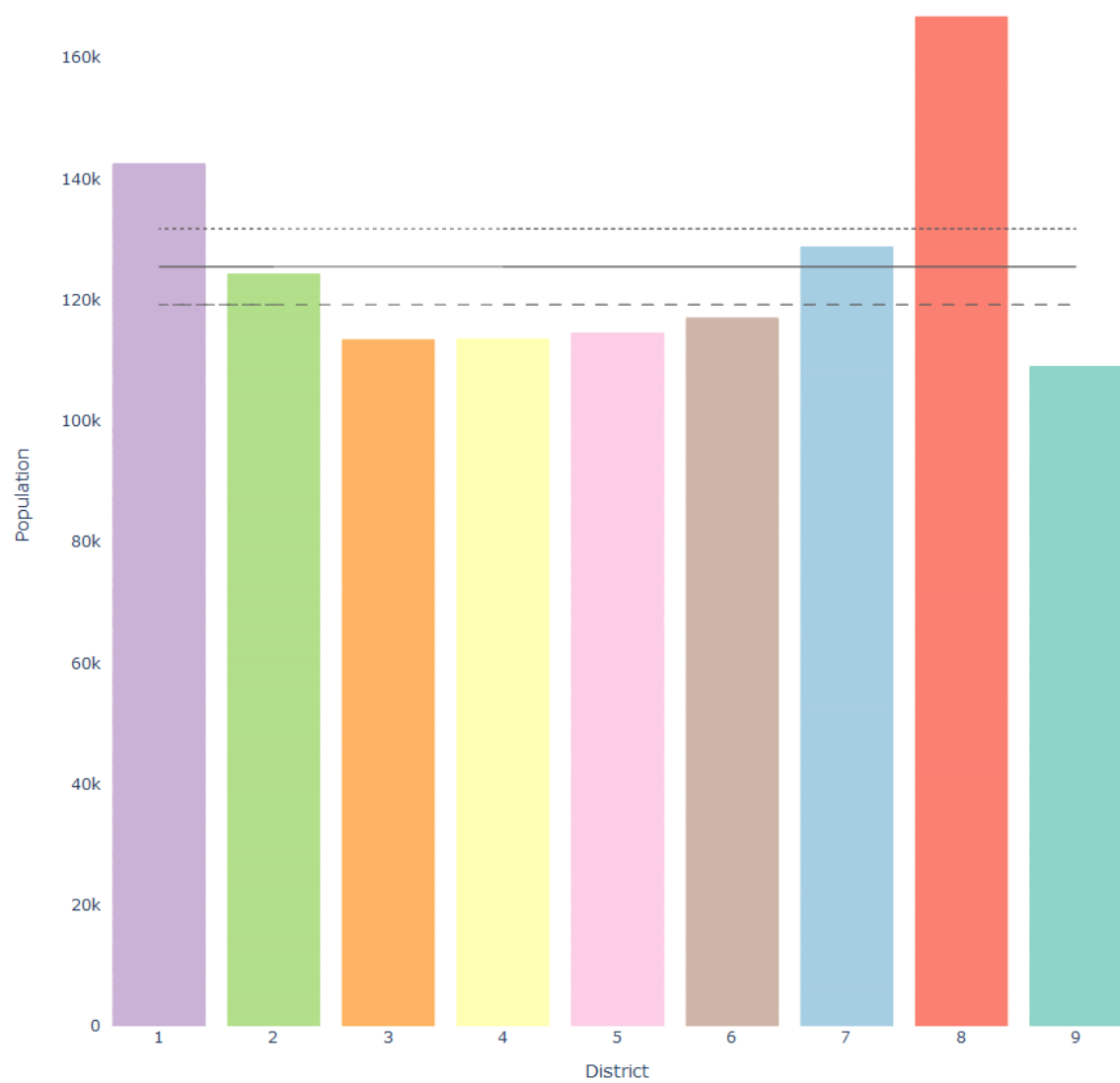
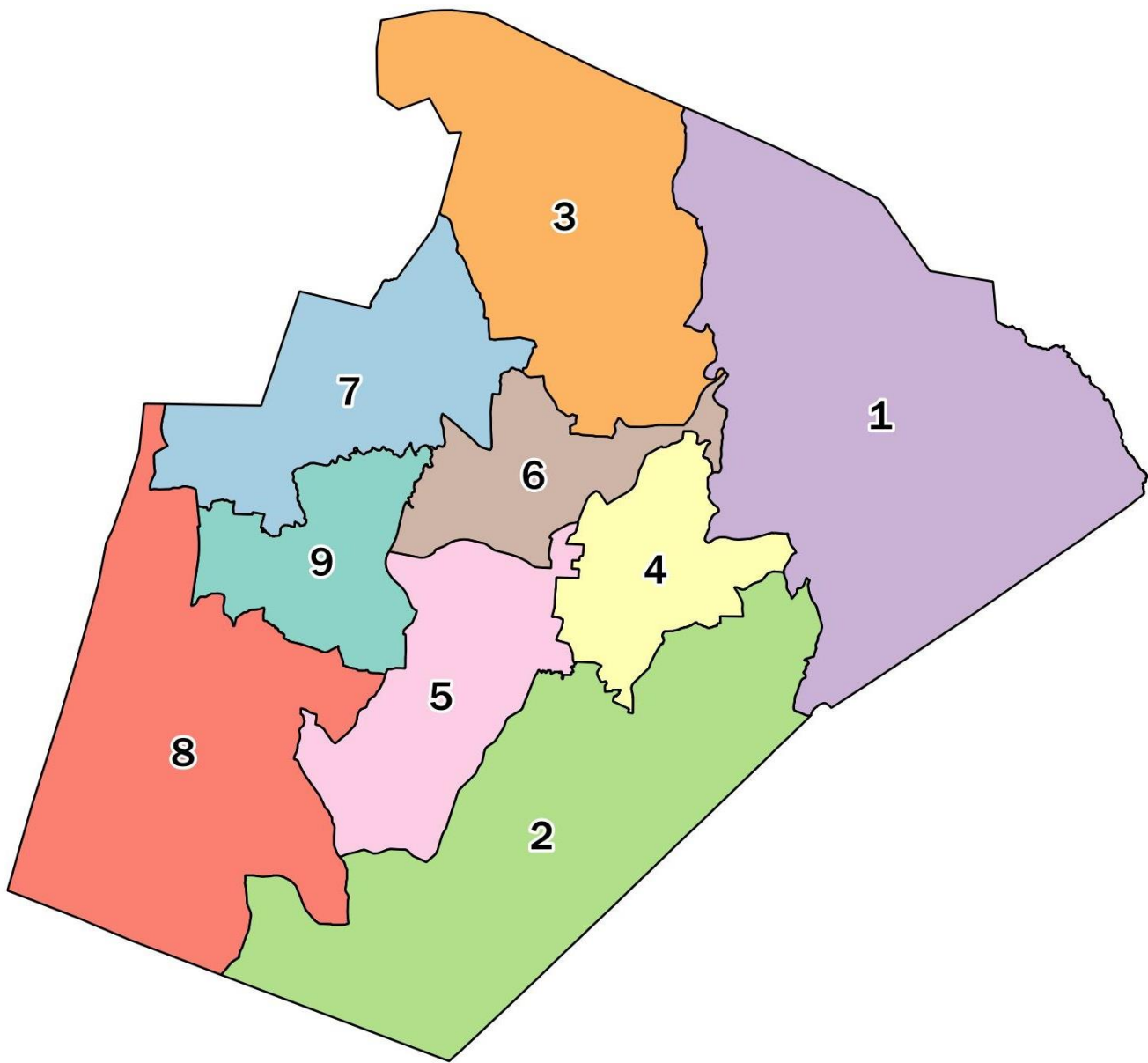
Discretionary Principles



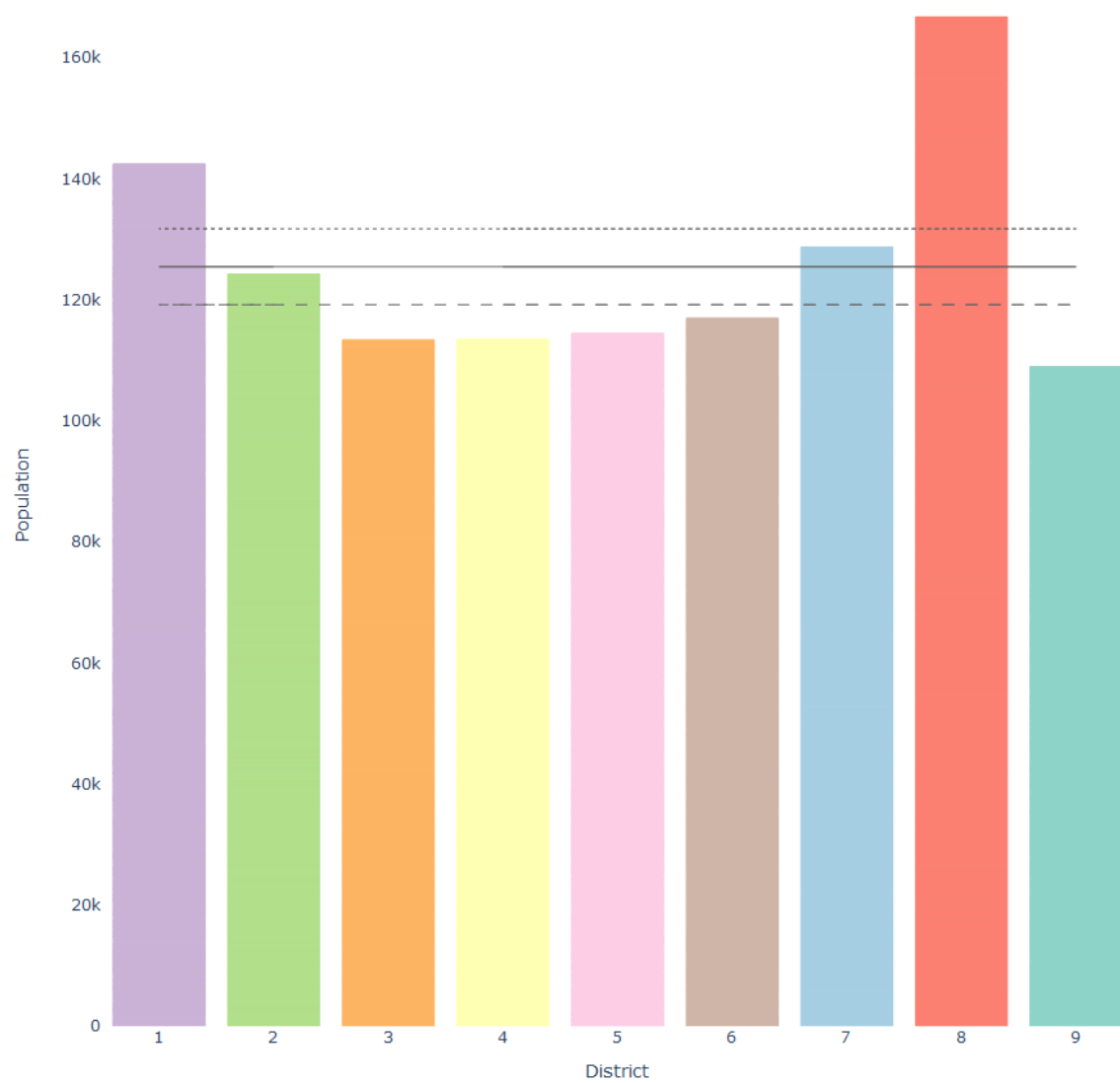
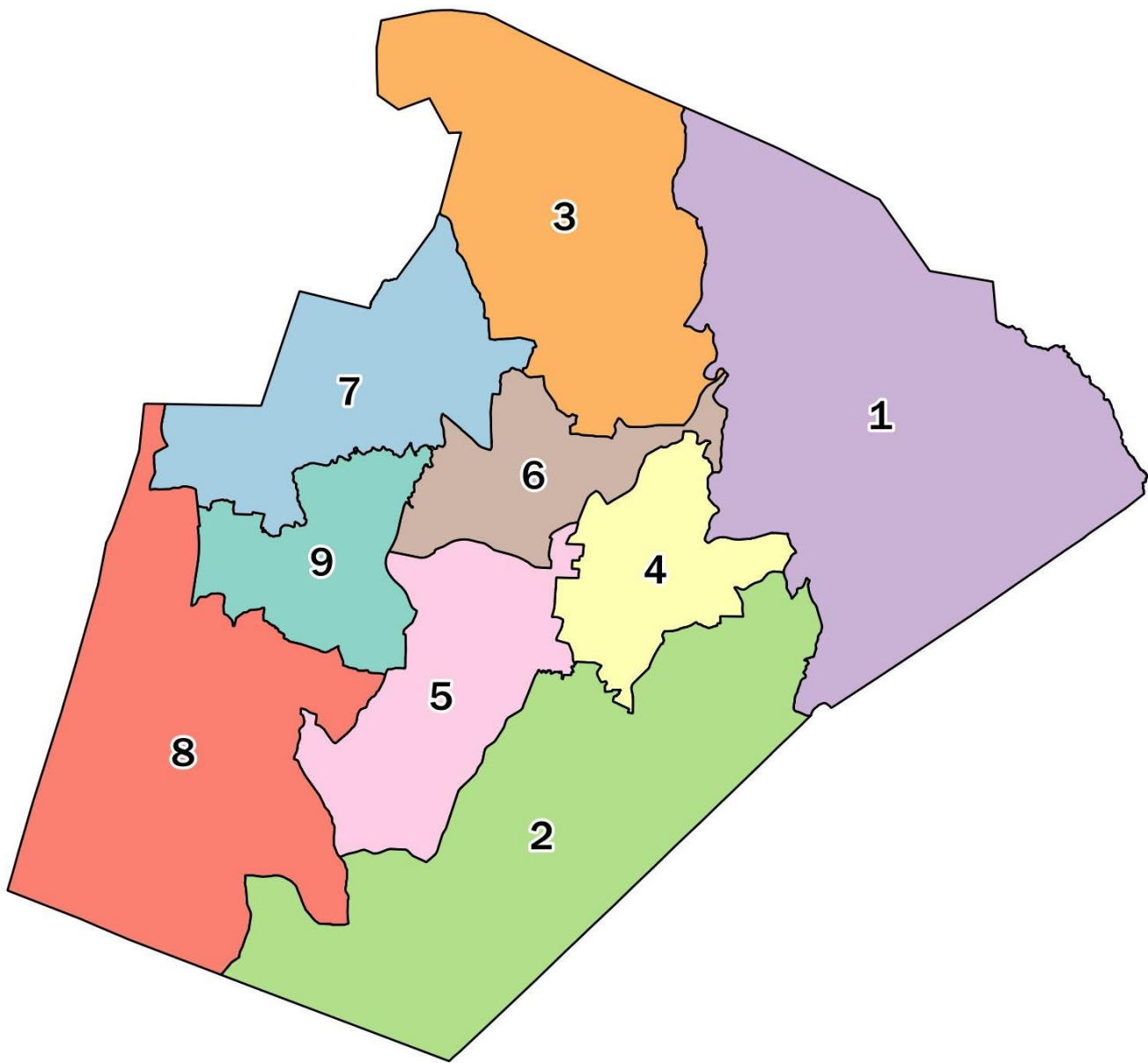
Discretionary Principles

1. Preservation of the cores of existing districts (minimizing change)
2. Consideration of the home addresses/precincts of incumbents
3. Using precincts as building blocks and keeping them intact
4. Consideration of municipalities
5. Compactness
6. Following major physical features as boundaries when possible (e.g., major roads, railroad tracks, waterbodies)
7. Preserving communities of interest (can be neighborhoods, or other areas with shared demographic, cultural, historic, or economic characteristics).
8. Taking into account post-census development and population growth when balancing populations of districts (all still must be within $\pm 5\%$ of ideal)
9. Consideration of other administrative areas (if this is chosen, should specify which: e.g., ZIP codes, watersheds, Sheriff zones, voluntary agricultural districts)
10. Consideration of the locations of schools

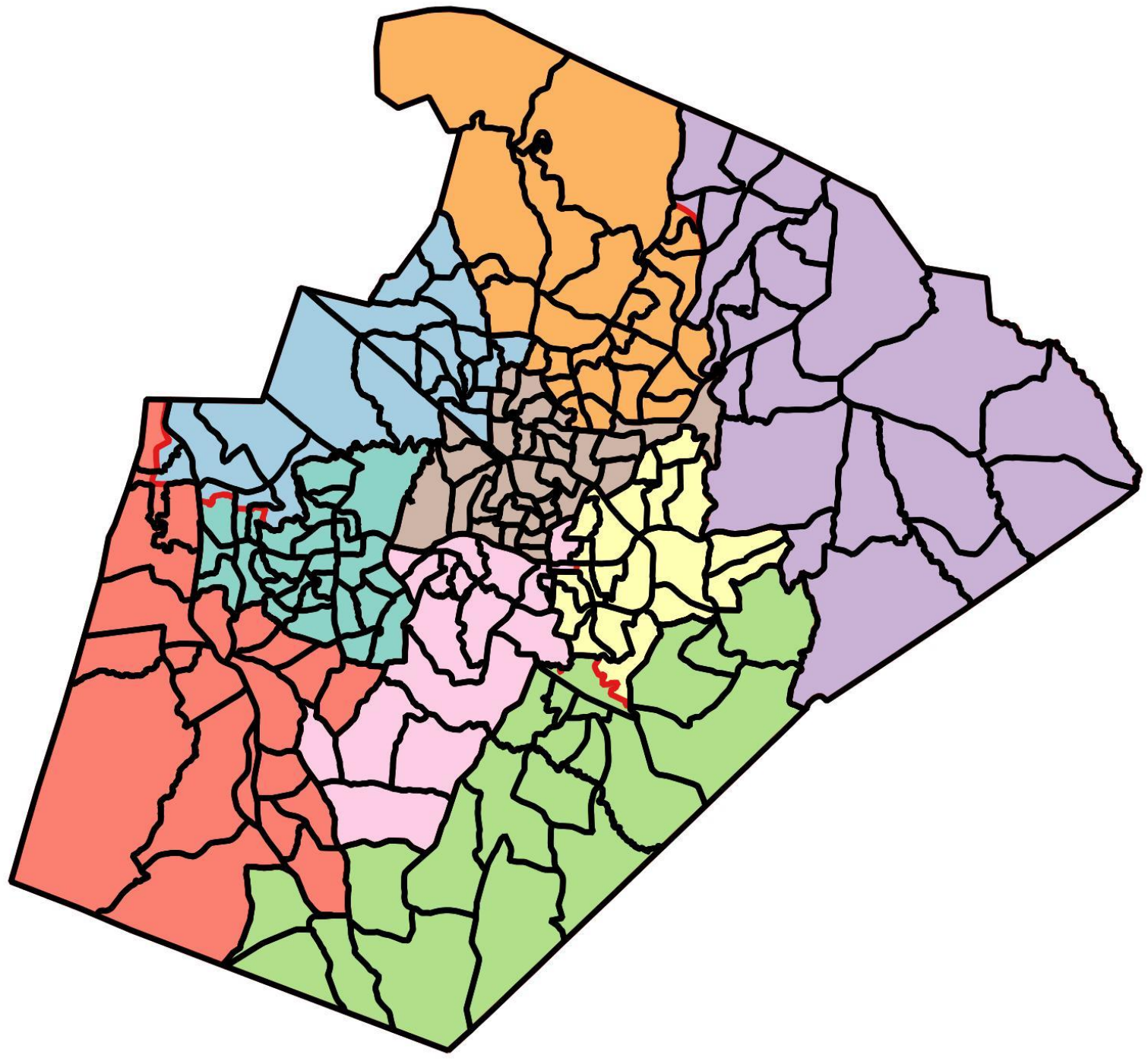
1. Preservation Of District Cores



2. Considering Incumbent Residences

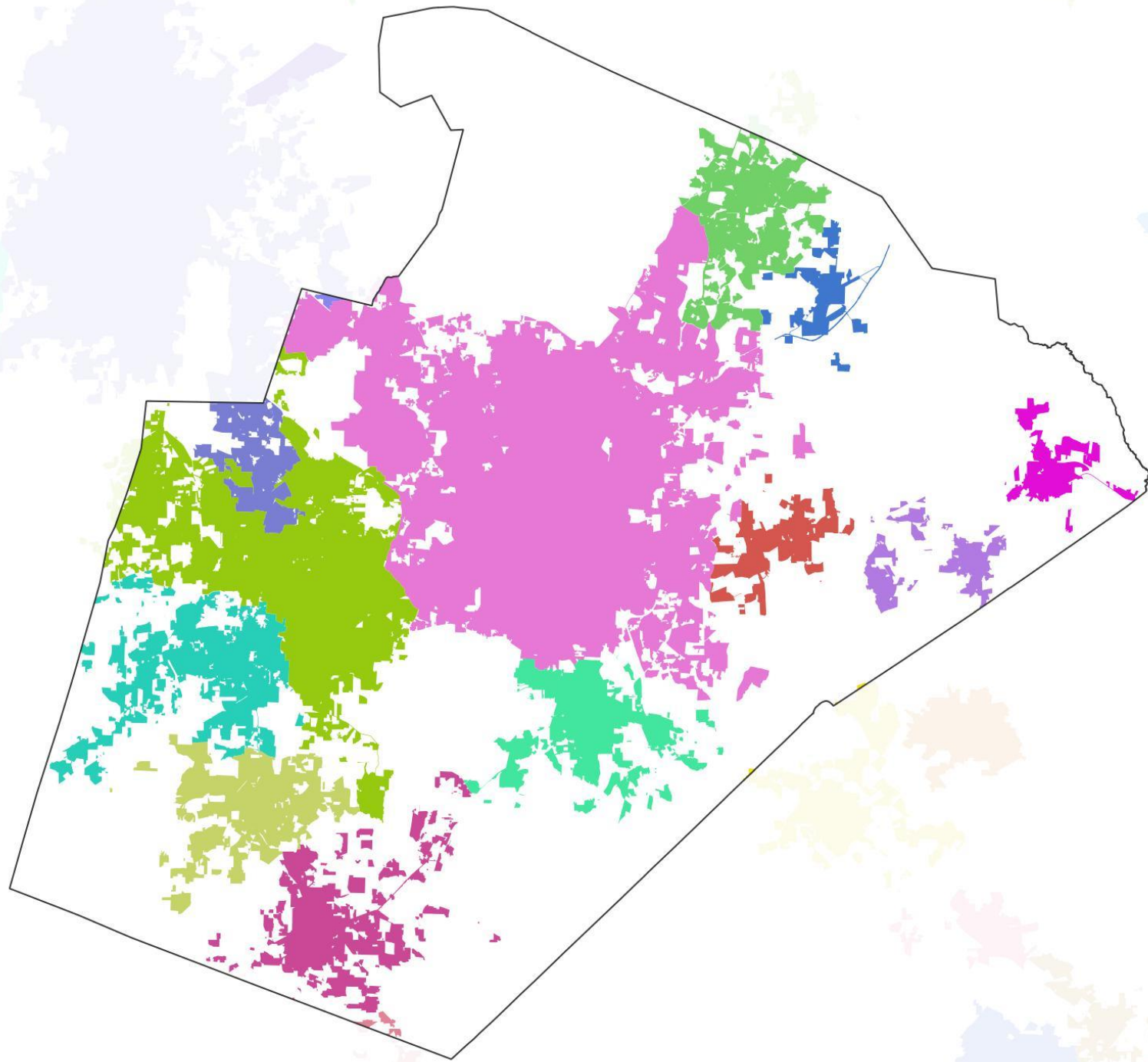


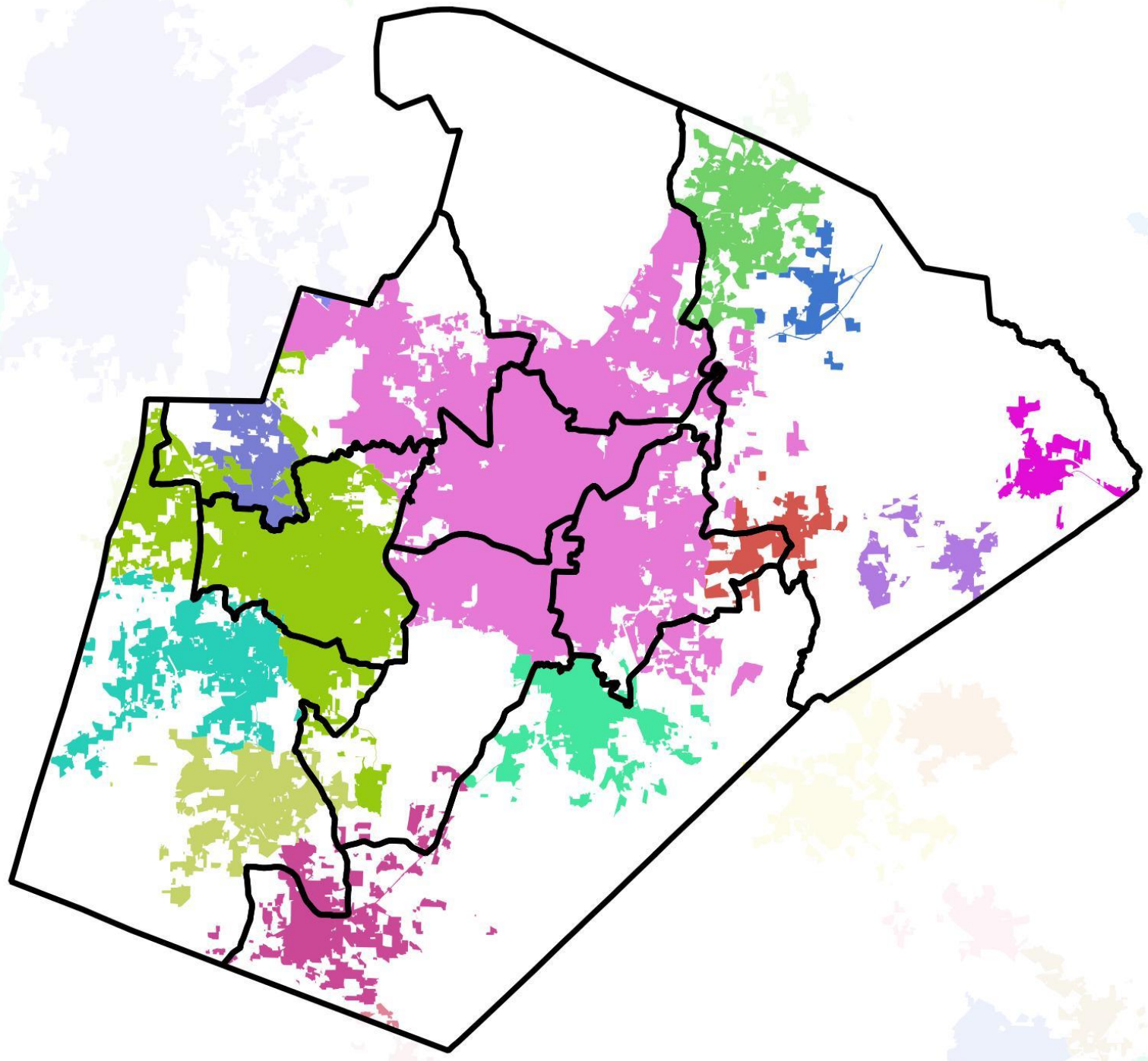
3. Using Precincts as Building Blocks

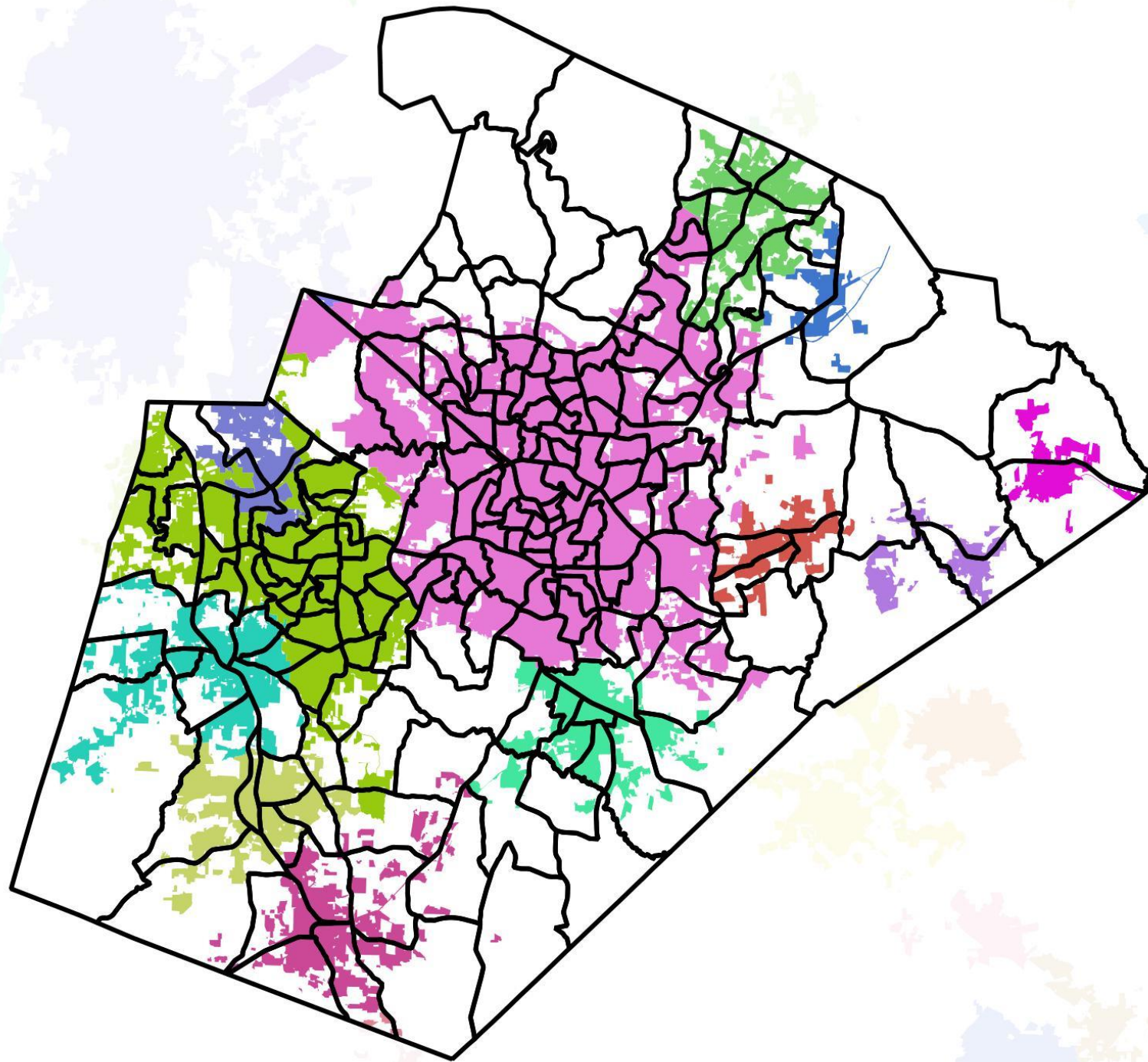


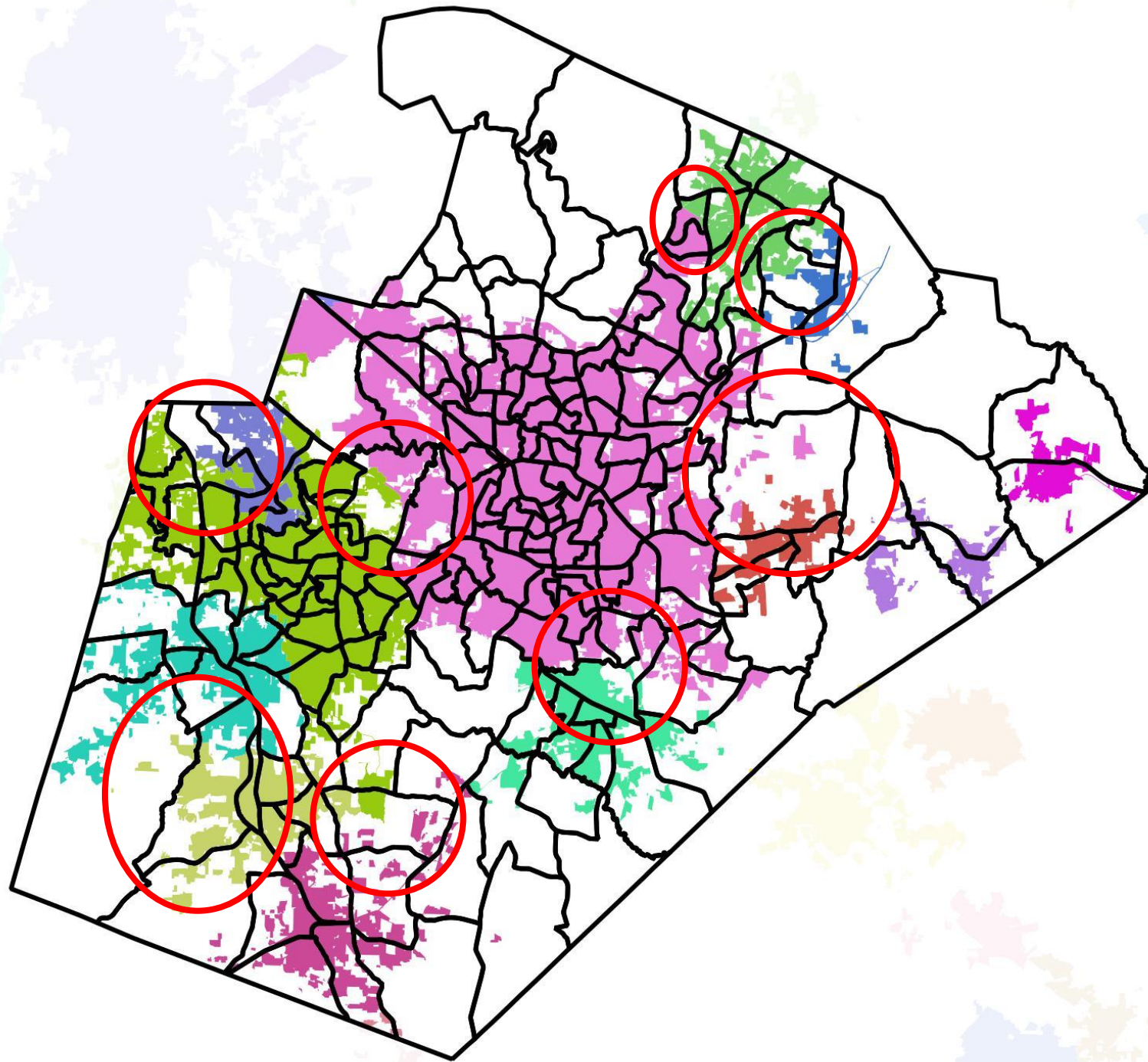
4. Consideration of Municipalities

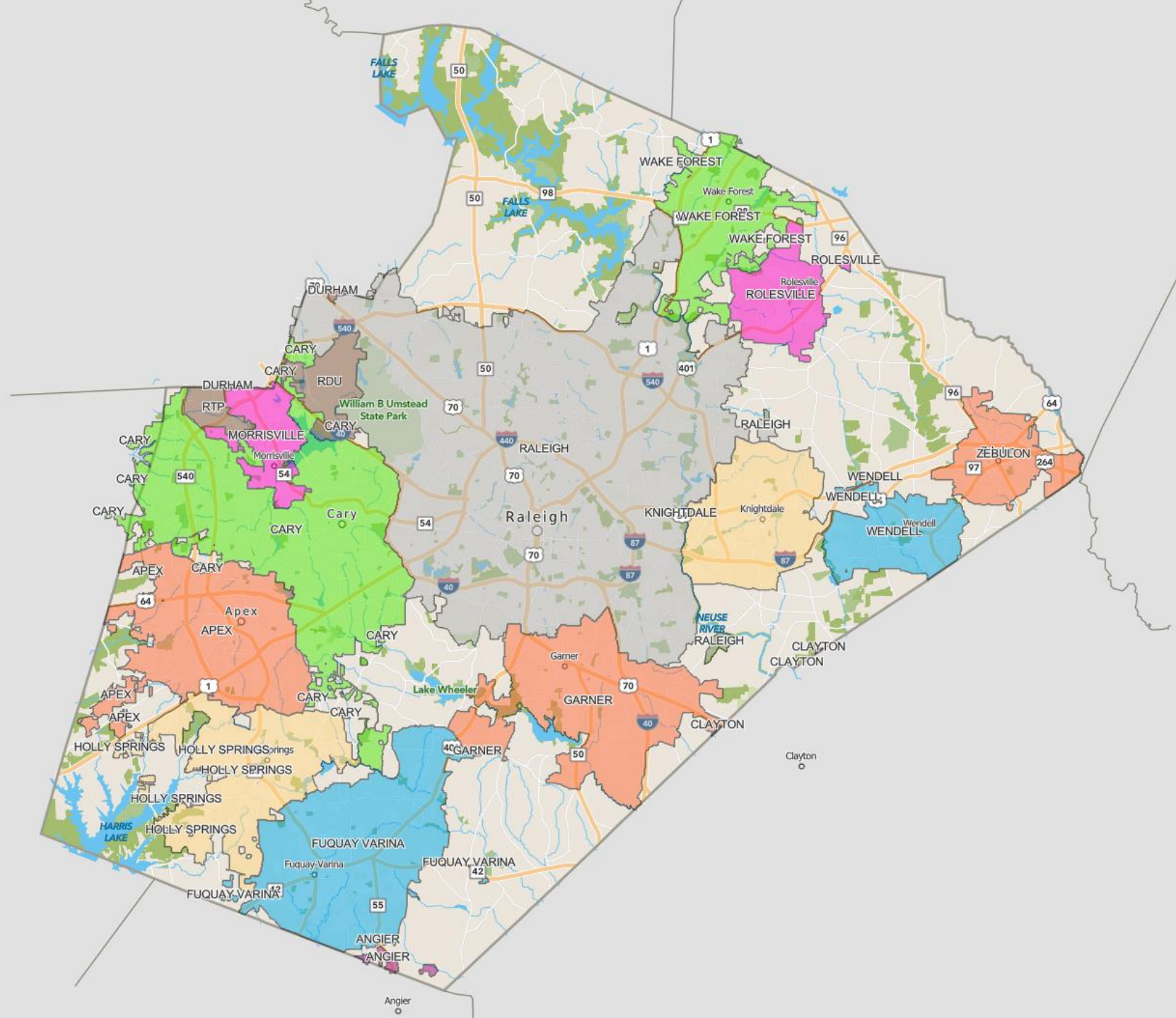

























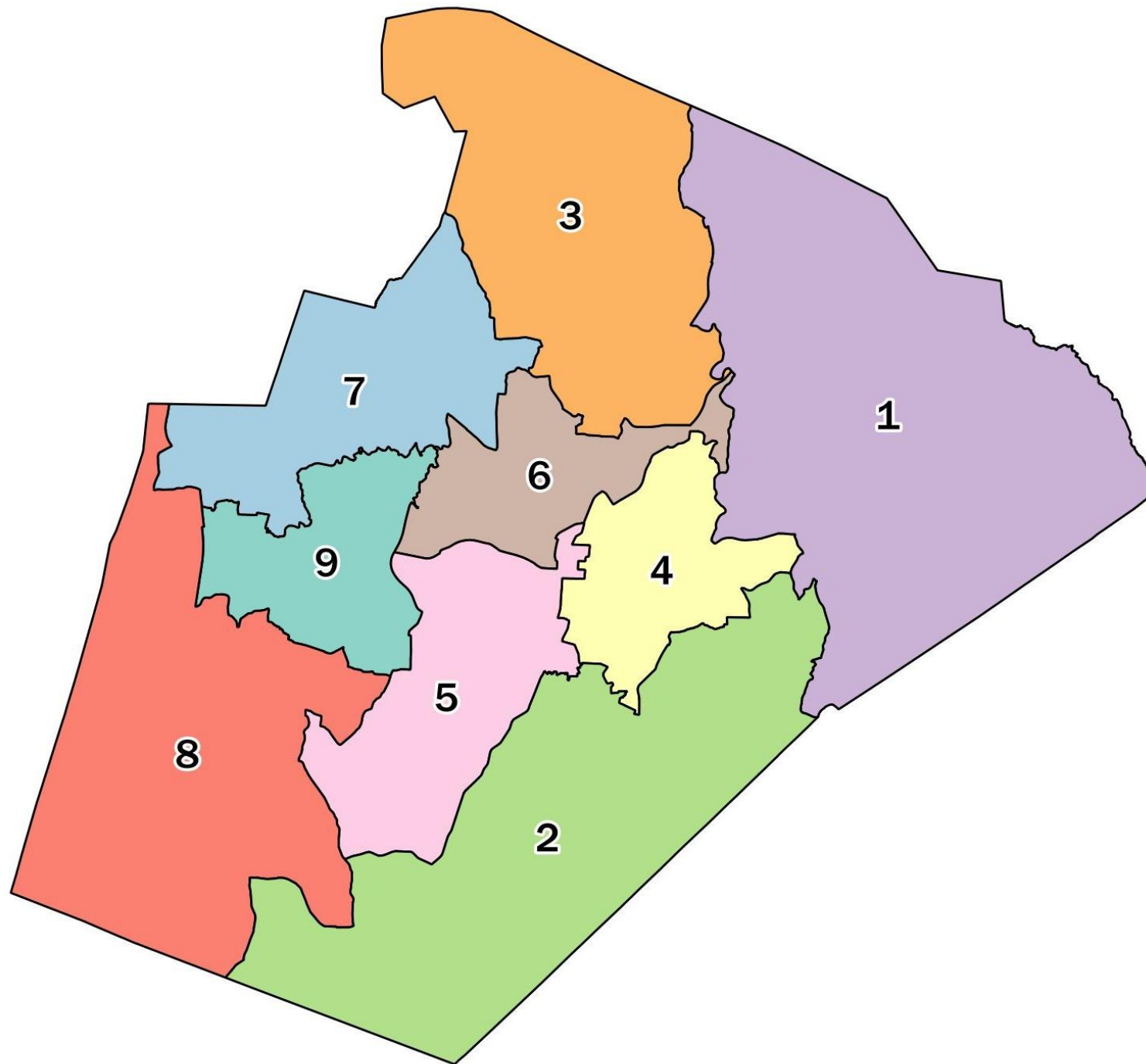


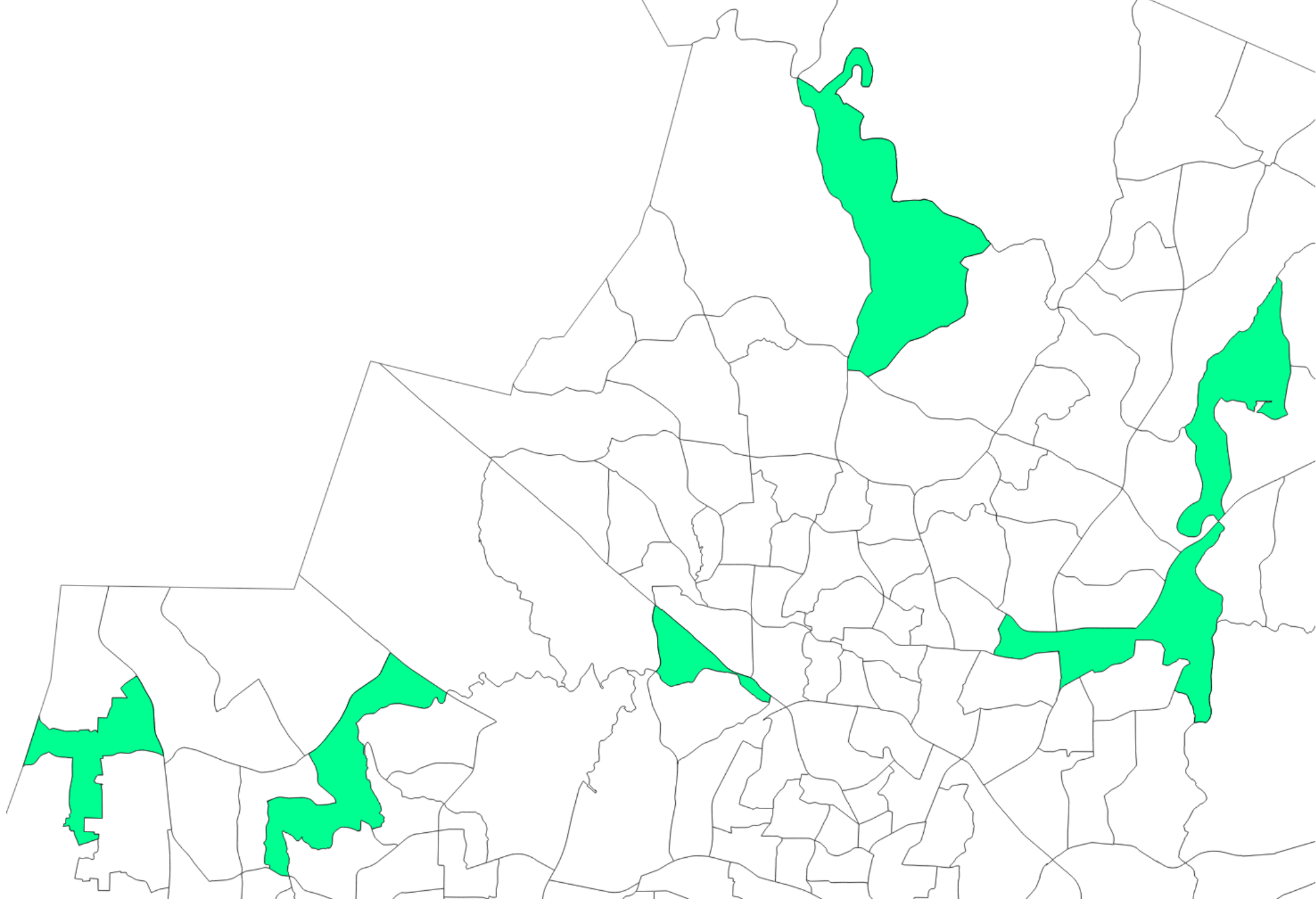


JURISDICTION

-  ANGIER
-  APEX
-  CARY
-  CLAYTON
-  DURHAM
-  FUQUAY VARINA
-  GARNER
-  HOLLY SPRINGS
-  KNIGHTDALE
-  MORRISVILLE
-  RALEIGH
-  RDU
-  ROLESVILLE
-  RTP
-  WAKE FOREST
-  WENDELL
-  ZEBULON

5. Compactness





Remaining Principles

6. Following major physical features as boundaries when possible (e.g., major roads, railroad tracks, waterbodies)
7. Preserving communities of interest (can be neighborhoods, or other areas with shared demographic, cultural, historic, or economic characteristics).
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9. Consideration of other administrative areas (if this is chosen, should specify which: e.g., ZIP codes, watersheds, Sheriff zones, voluntary agricultural districts)
10. Consideration of the locations of schools?

All Discretionary Principles

1. Preservation of the cores of existing districts (minimizing change)
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Timeline — Bookends

- ▶ September 21 meeting: introductory discussion
- ▶ Today's date: December 7, 2021 (considering guidelines)
- ▶ Candidate filing period begins: July 1, 2022
- ▶ Boards of Elections need time to process before deadline
- ▶ Plan should be adopted by May or early June

Timeline — Possible Road Map

- ▶ One possible road map for process timing:
 - ▶ Presentation of draft plans at a January meeting
 - ▶ Could be work session or evening meeting
 - ▶ Discussion at a subsequent work session (identify preferred plan?)
 - ▶ Public hearing at a March meeting
 - ▶ Adoption following public hearing
 - ▶ Could be immediately following or at a subsequent meeting
 - ▶ (The above road map includes extra time at the end to allow for possible additional steps)



Questions, Discussion, Consensus?