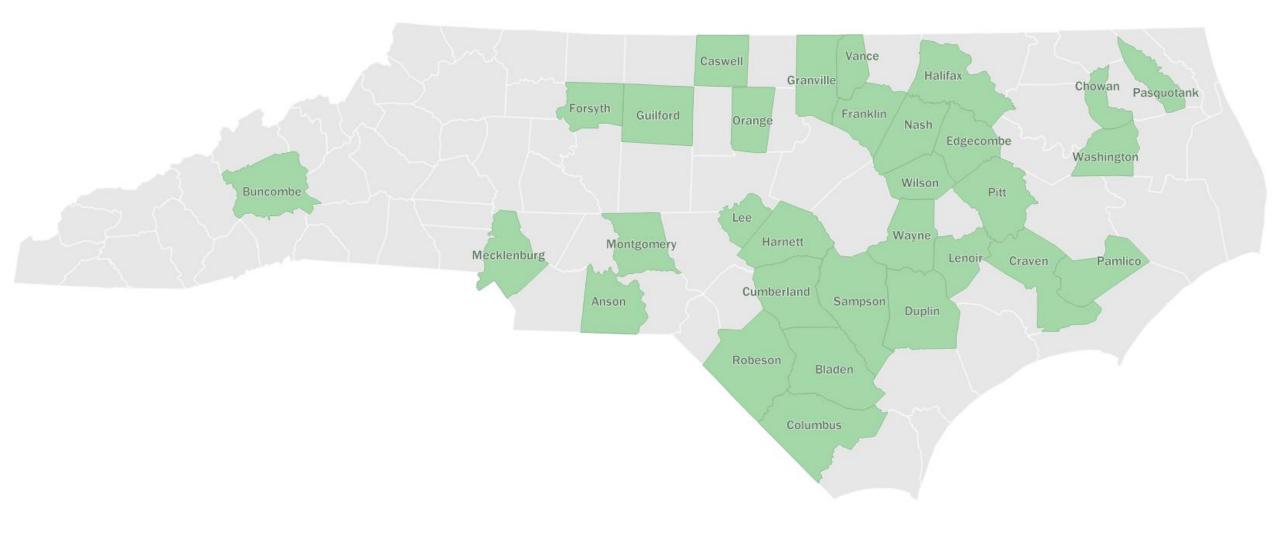
Changing Demographics, Drawing Districts, and County Impacts

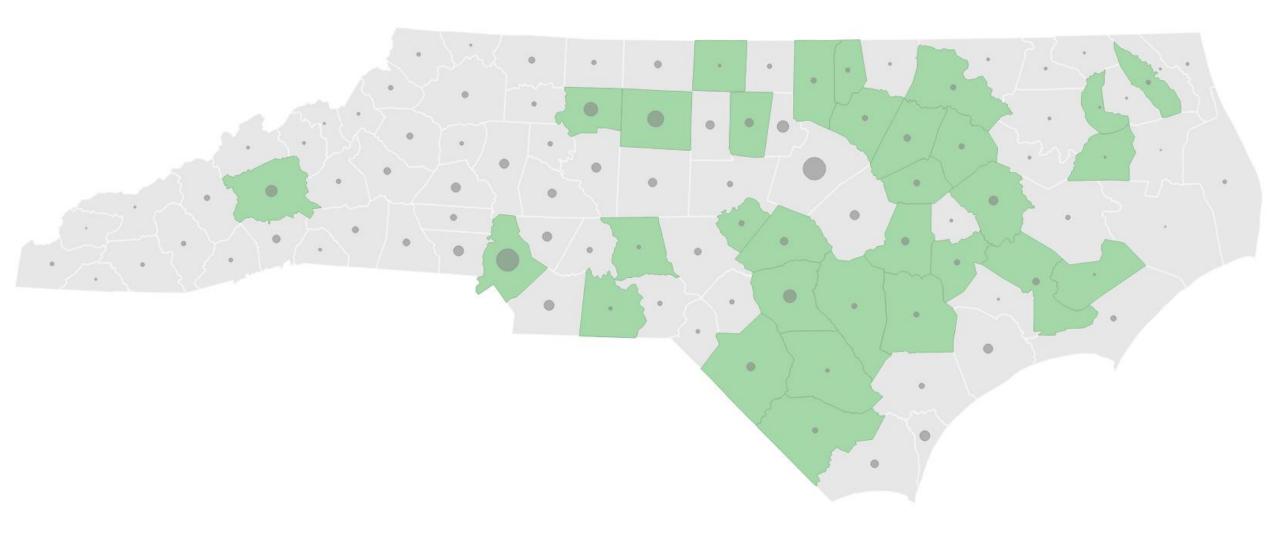
North Carolina Association of County Commissioners 113th Annual Conference Deborah Stagner, Blake Esselstyn

August 6, 2020

Redistricting consultant: demography + geography + ...



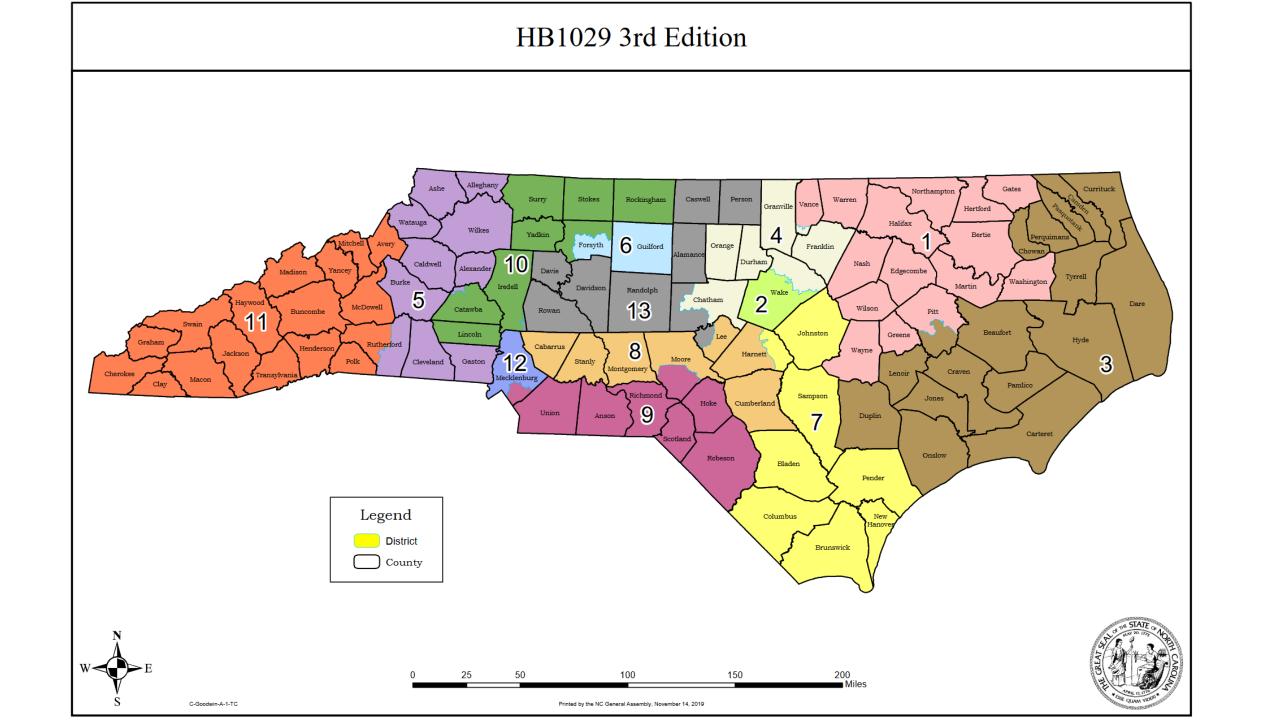


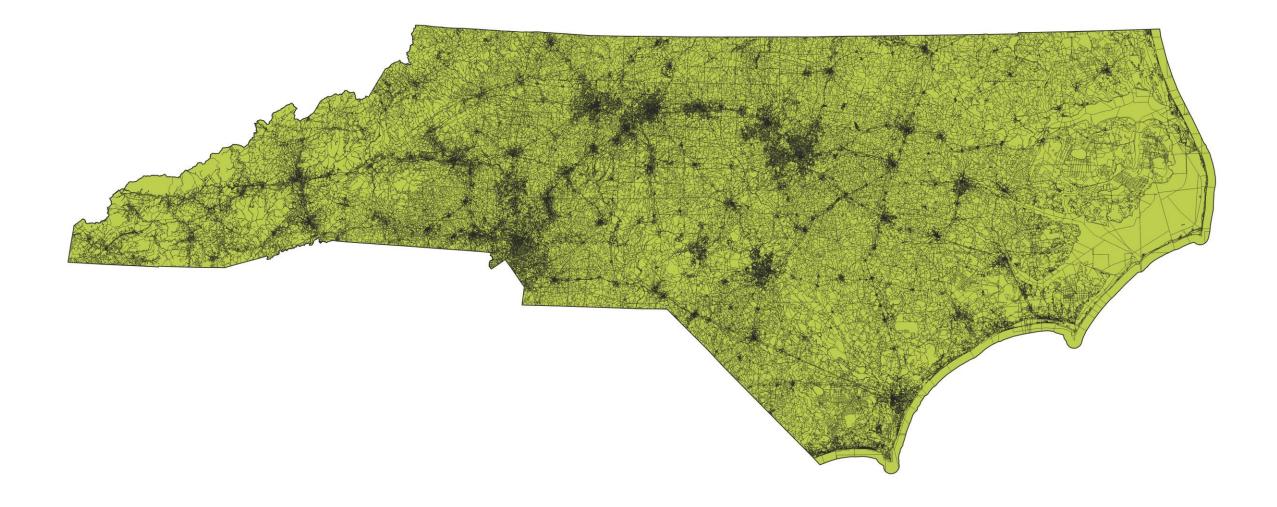


The only constant is ...

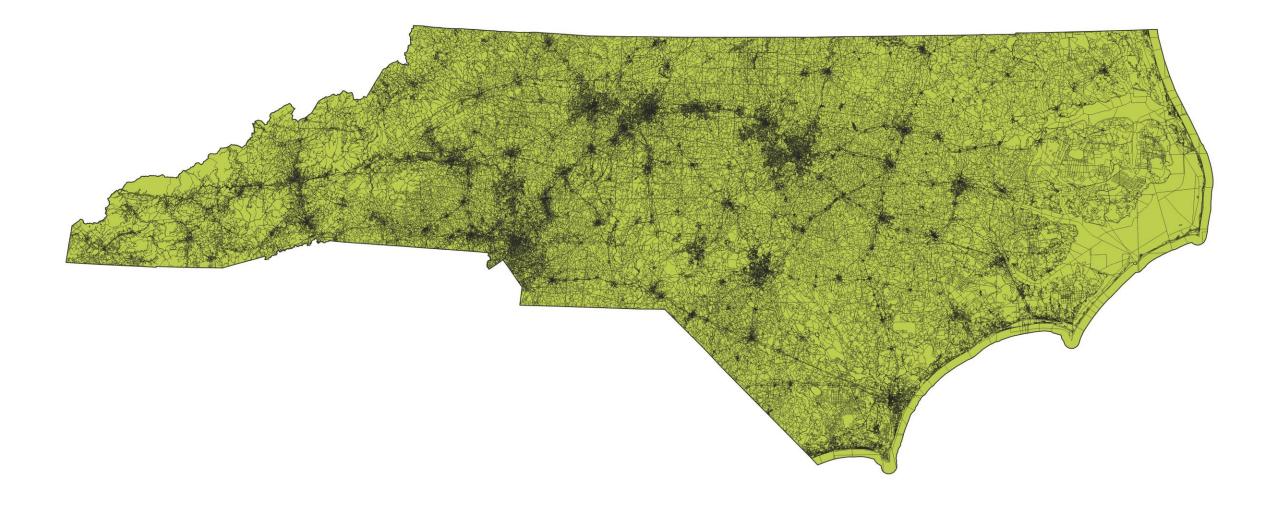
The only constant is ... change.

Changing Population



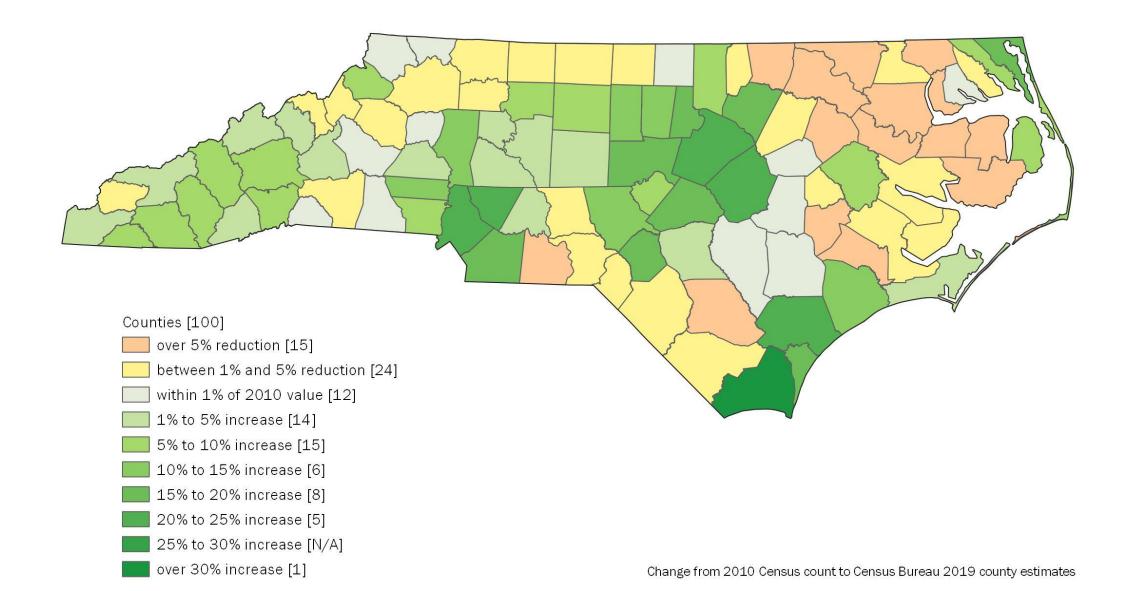






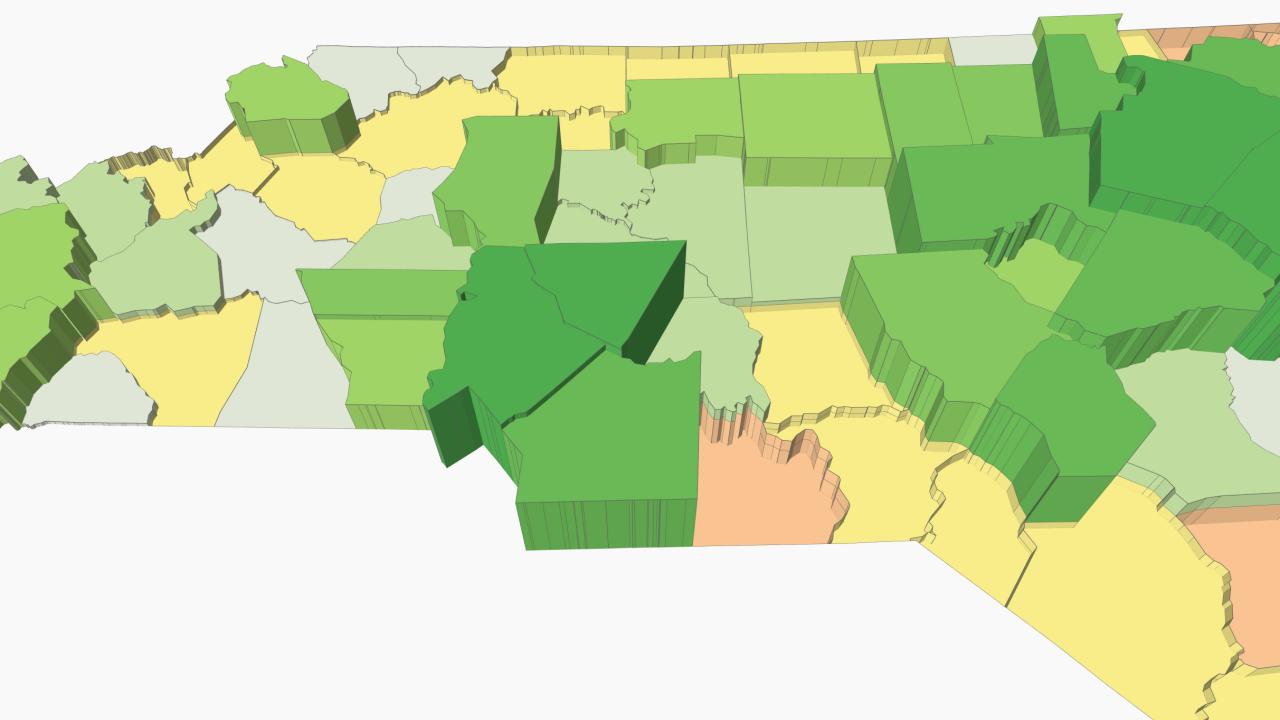
Estimates (Census, ACS, NC OSBM)

County Population Change as Percentage 2010-2019

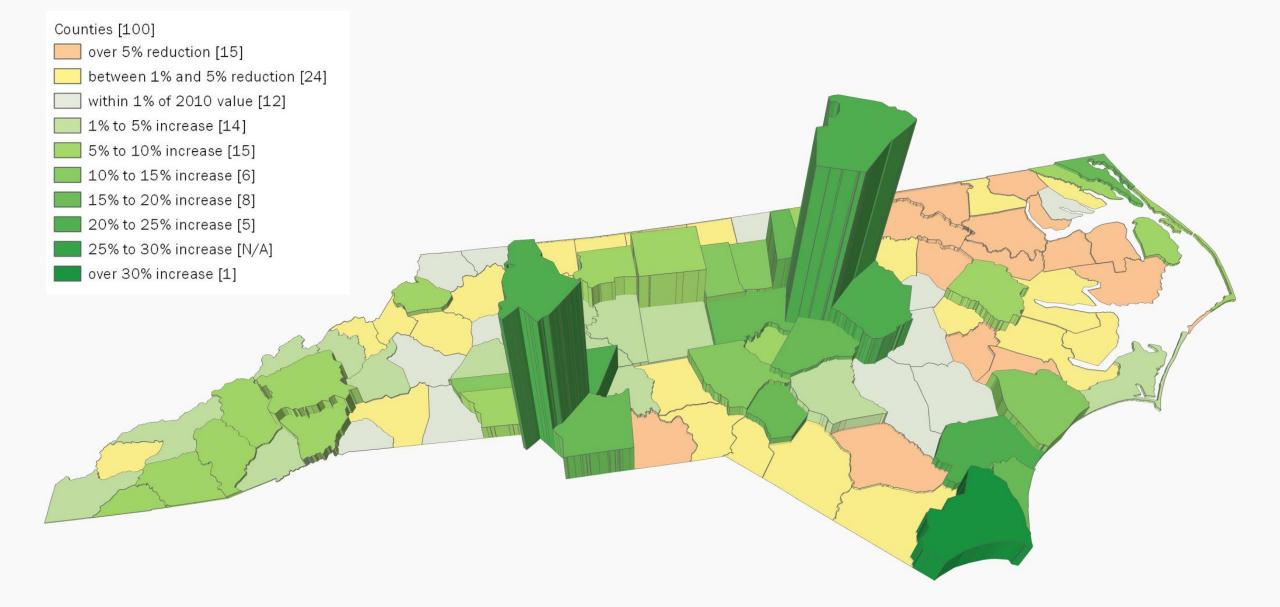


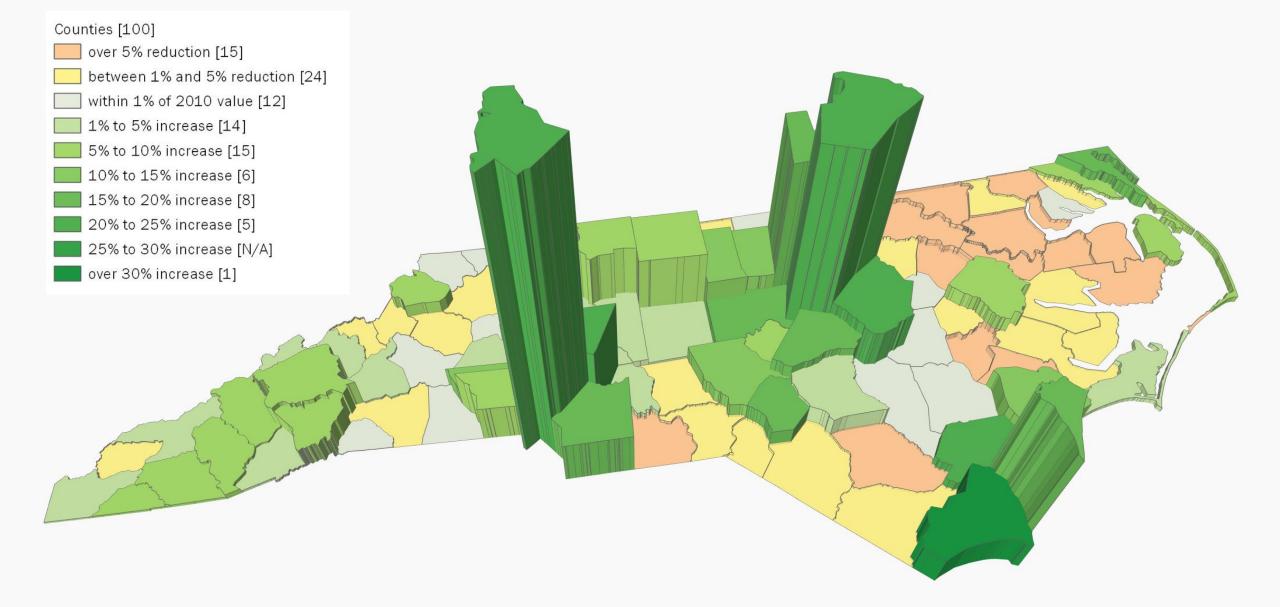


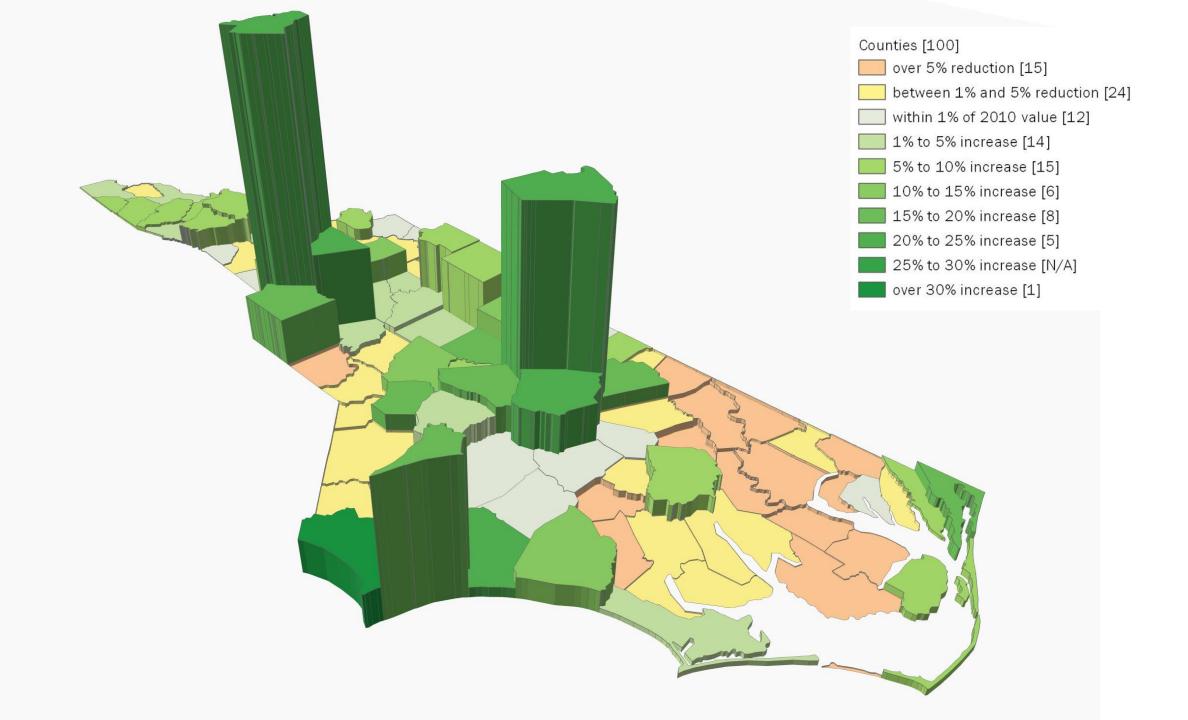


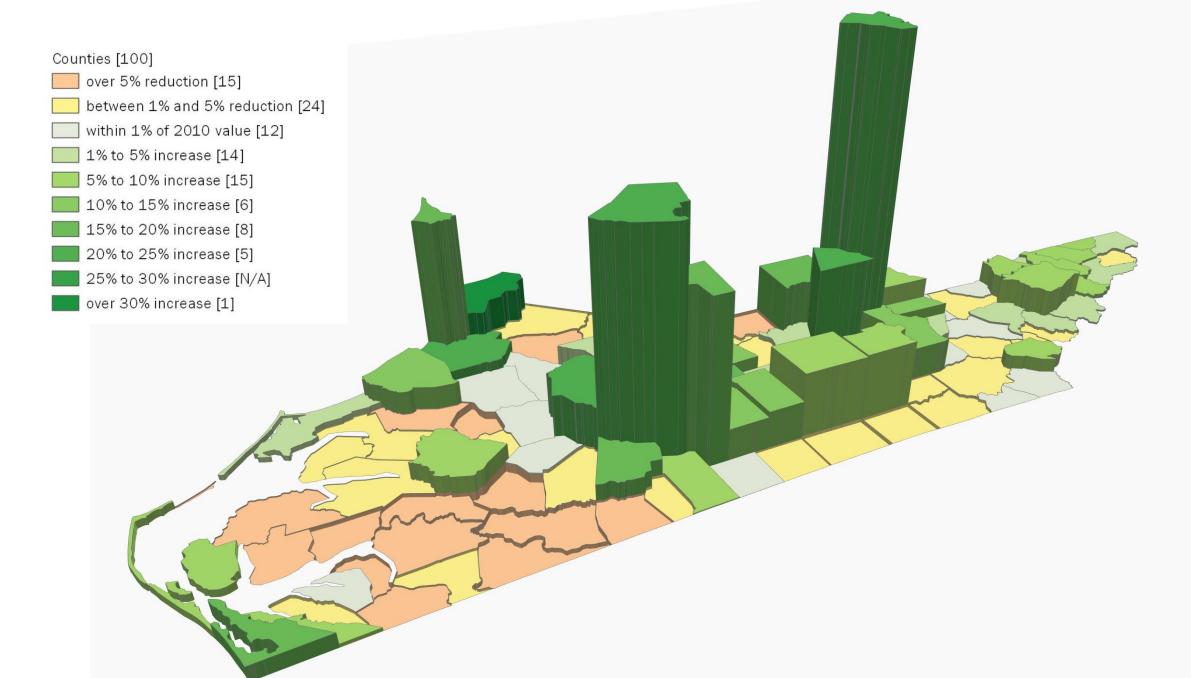


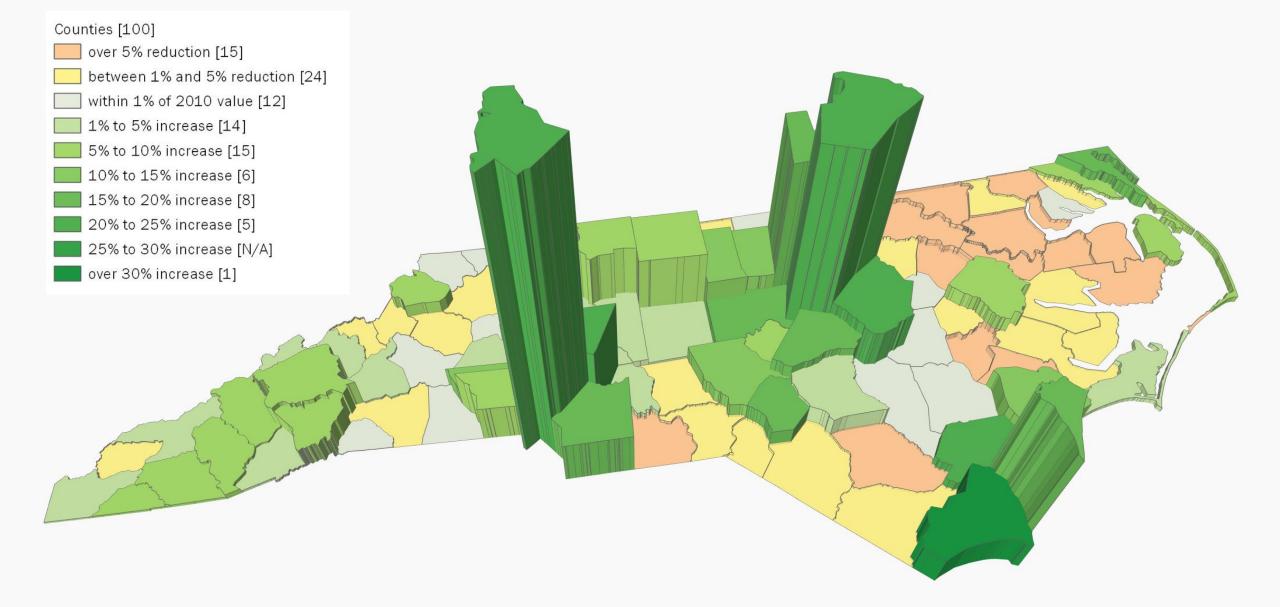


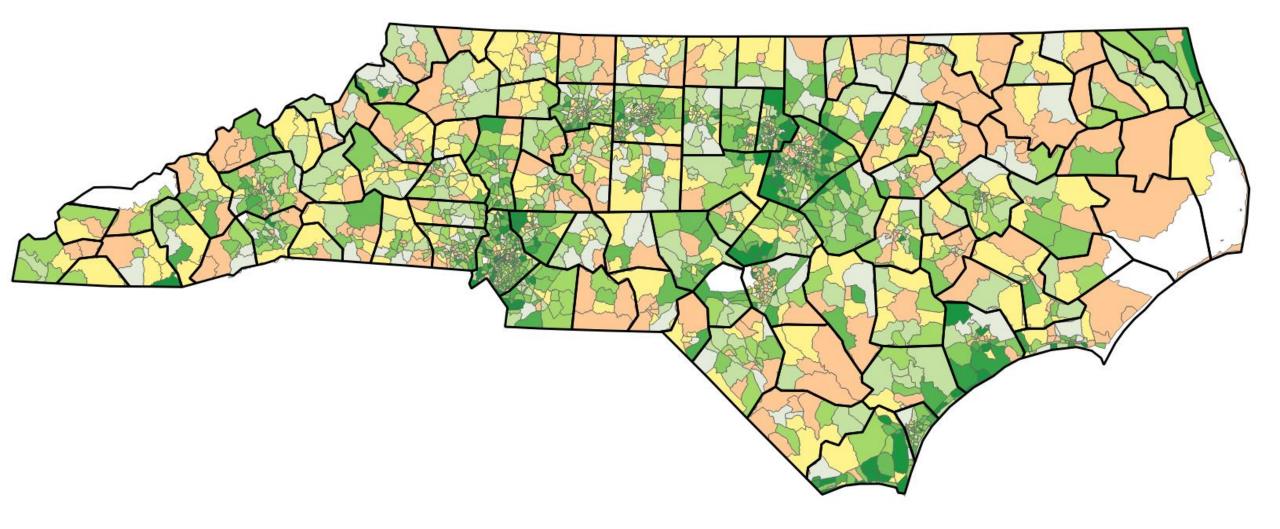


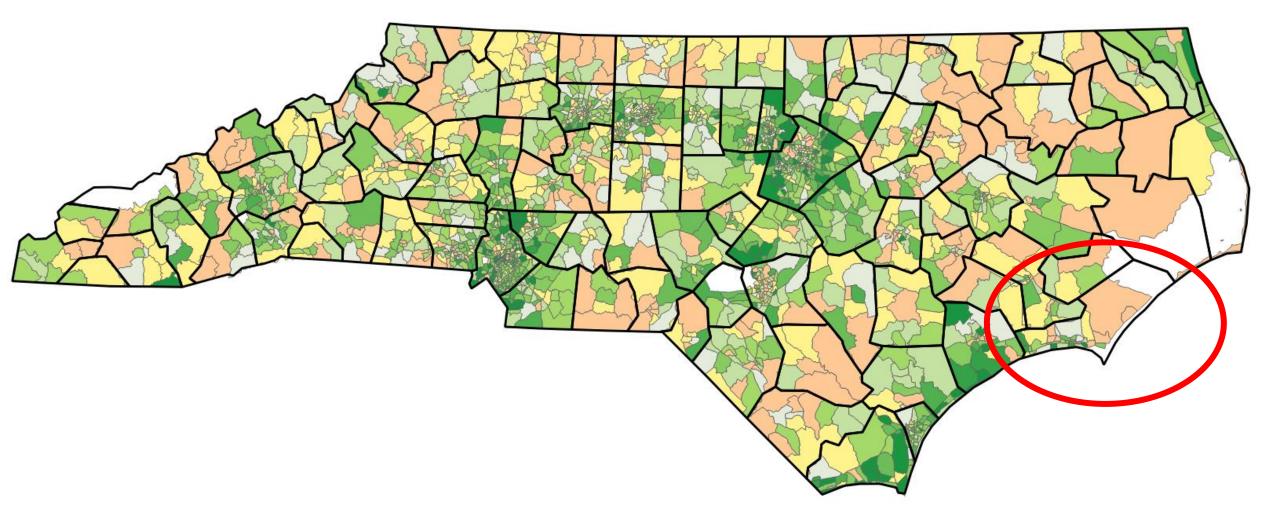


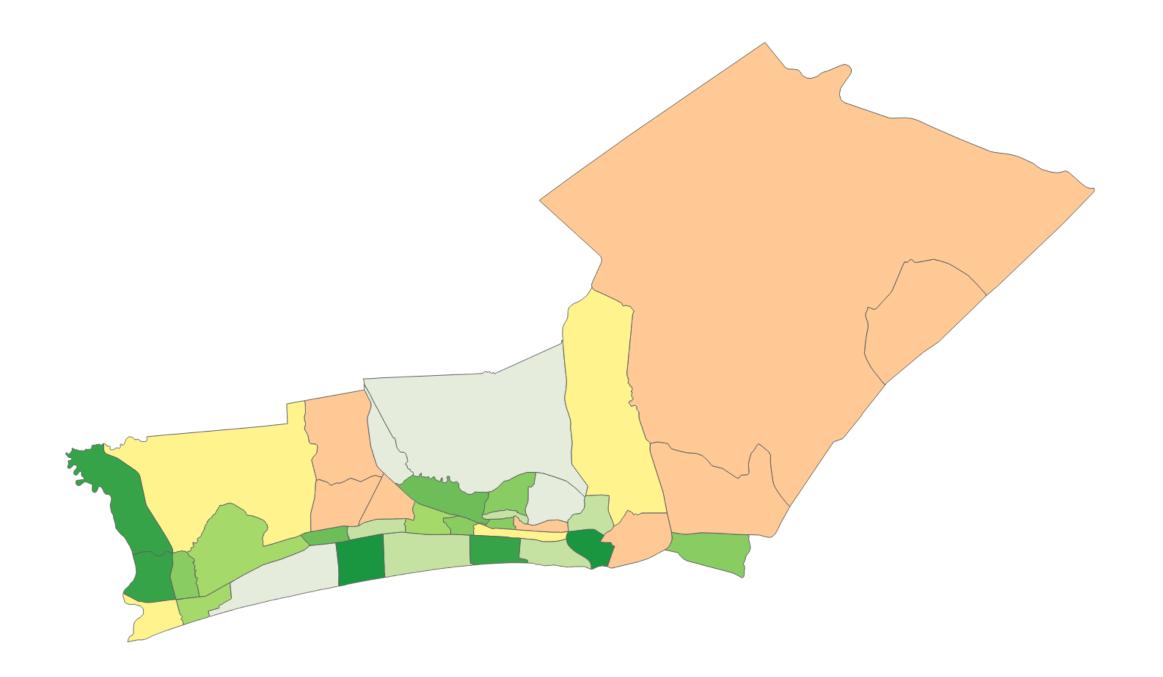


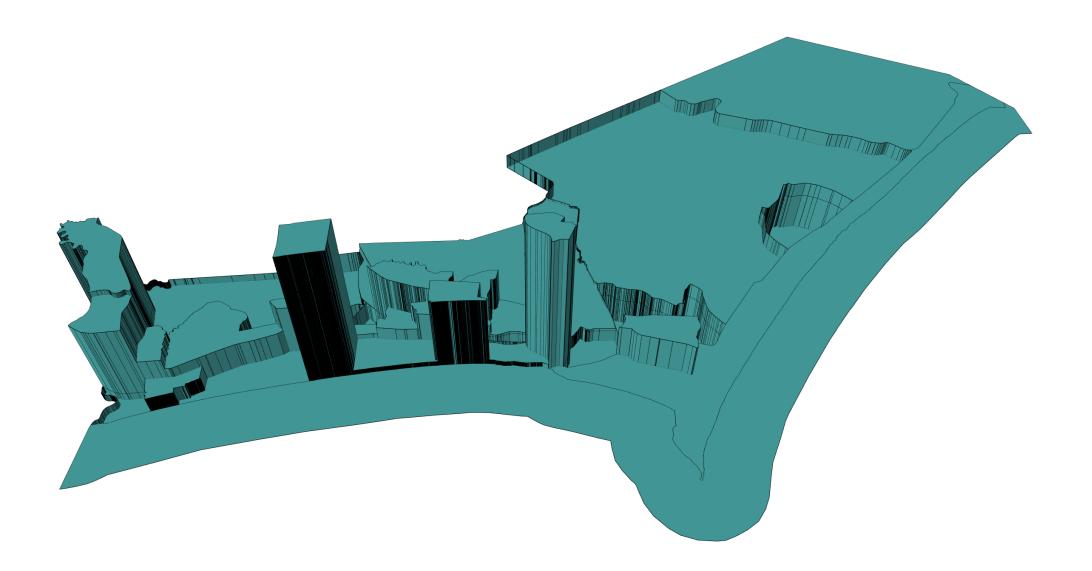


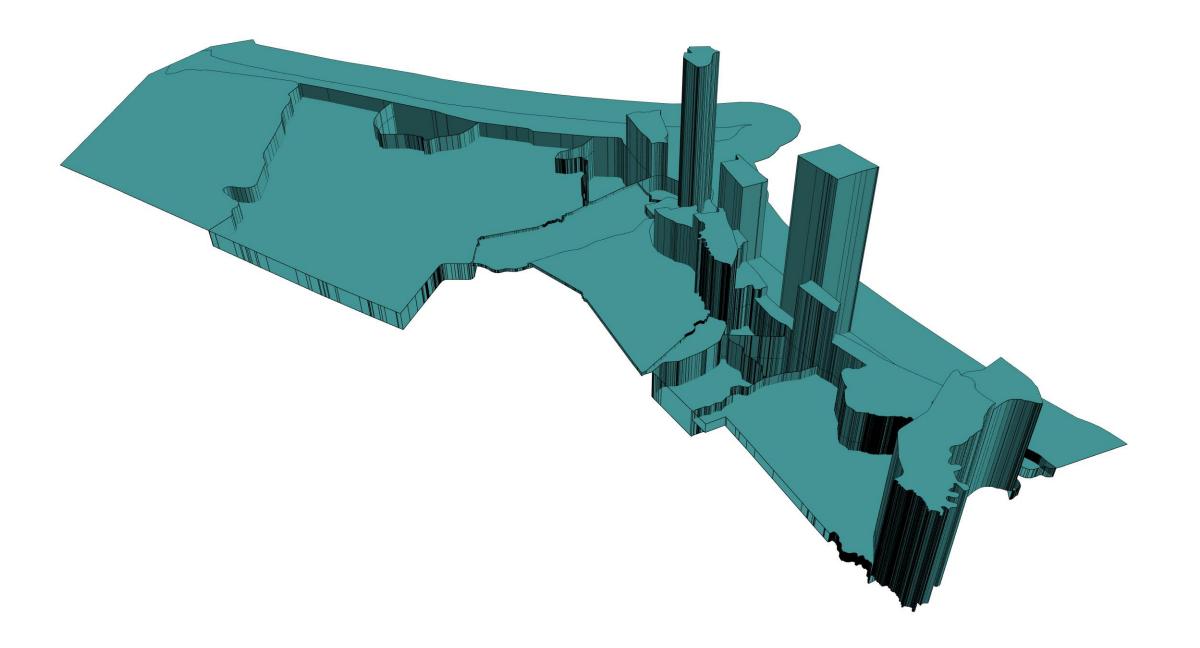




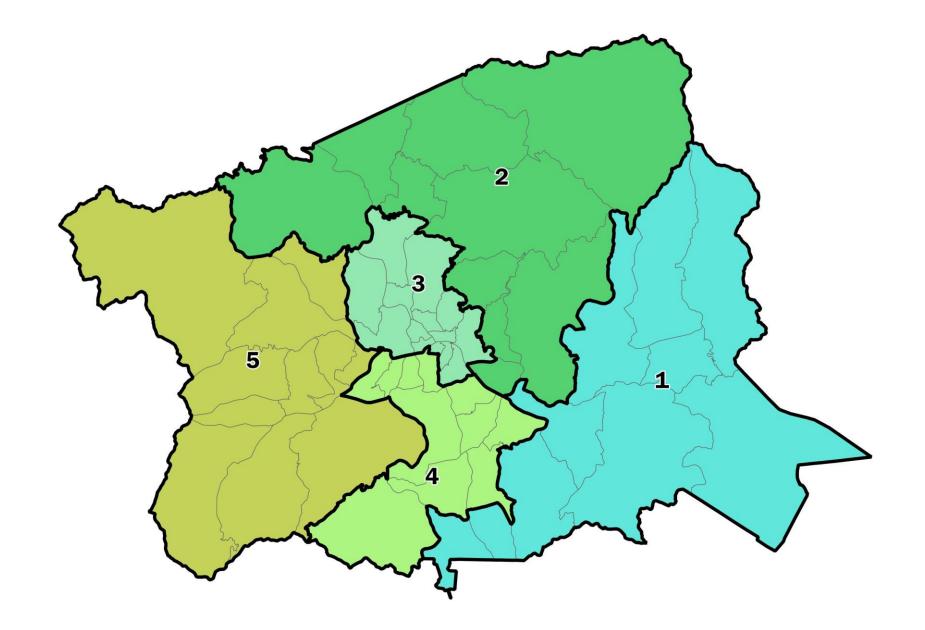


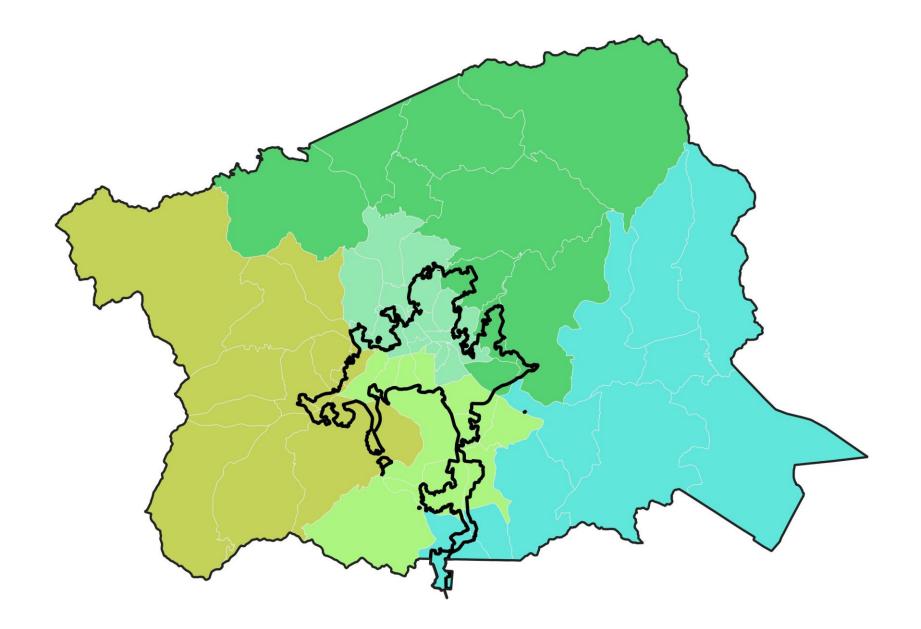


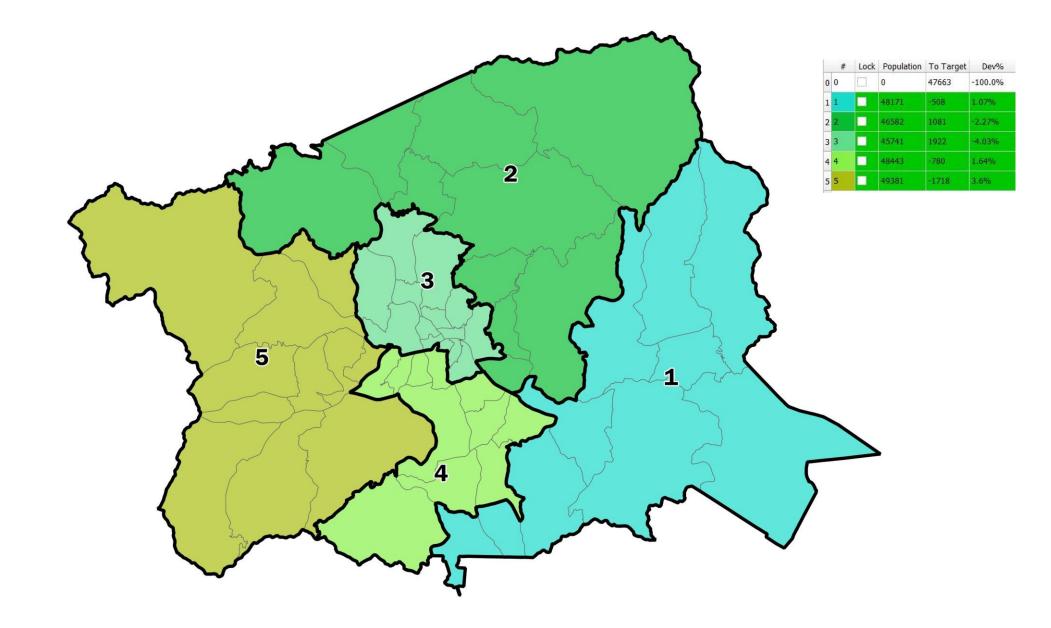


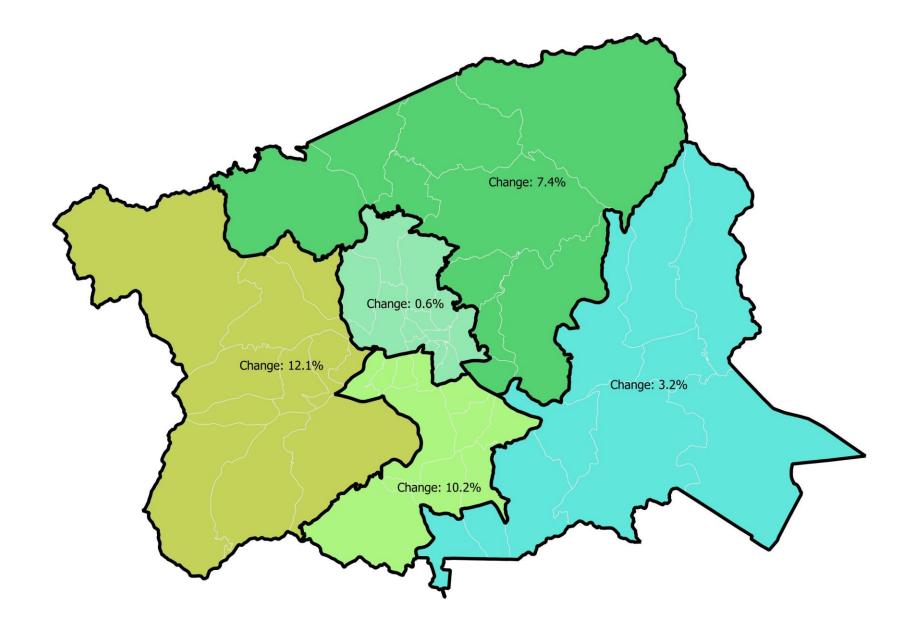


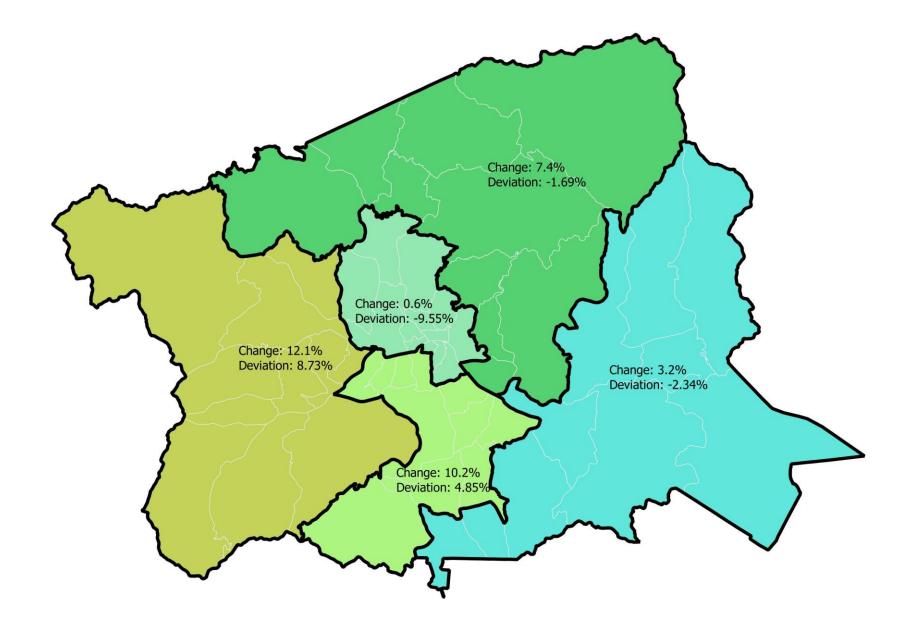


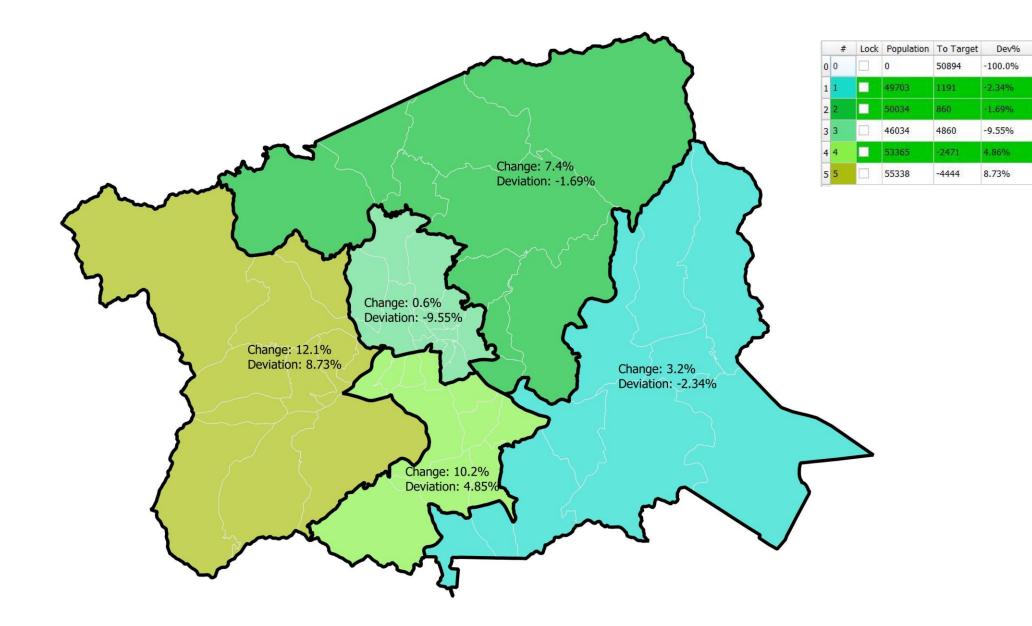










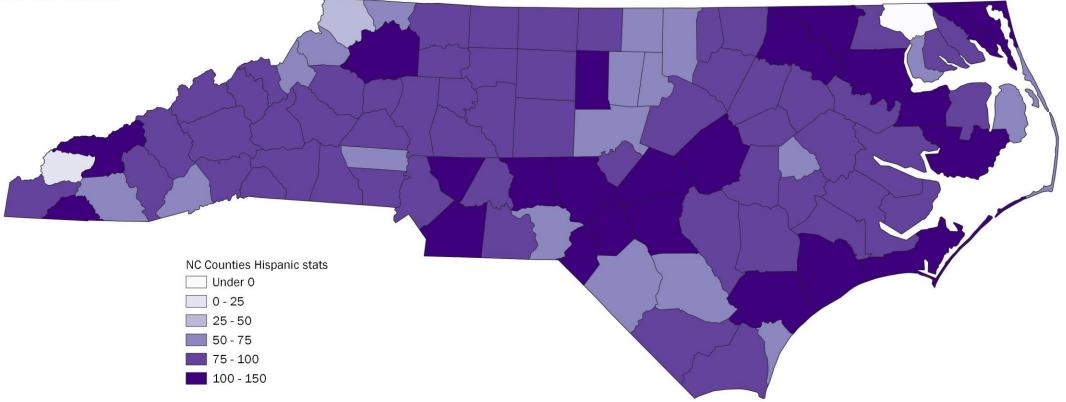


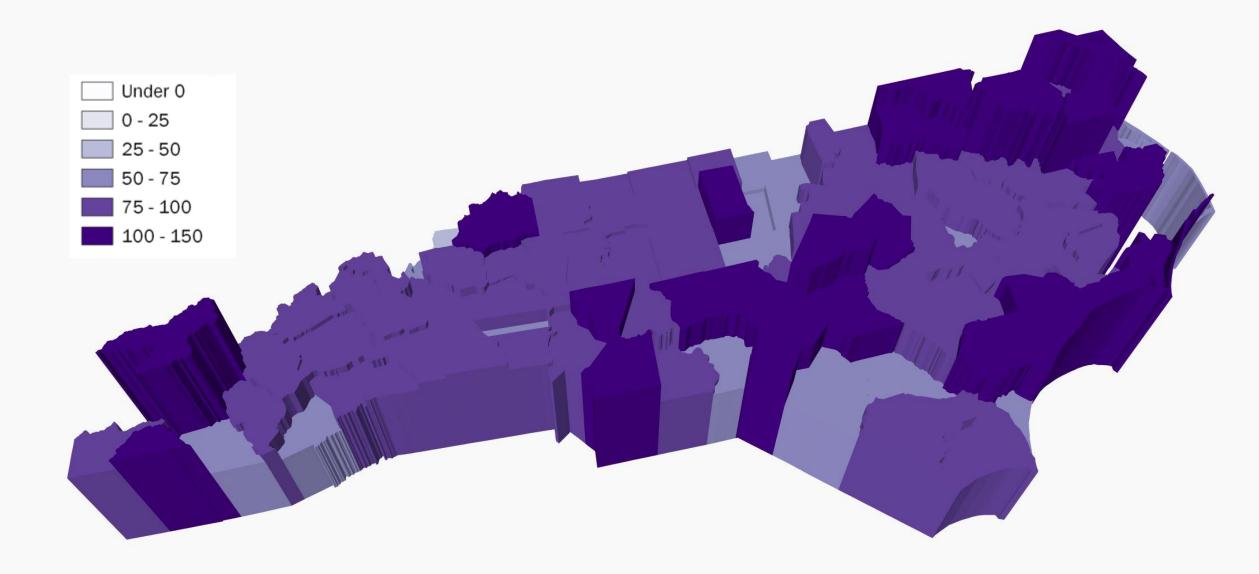
Race and ethnicity

Race and ethnicity

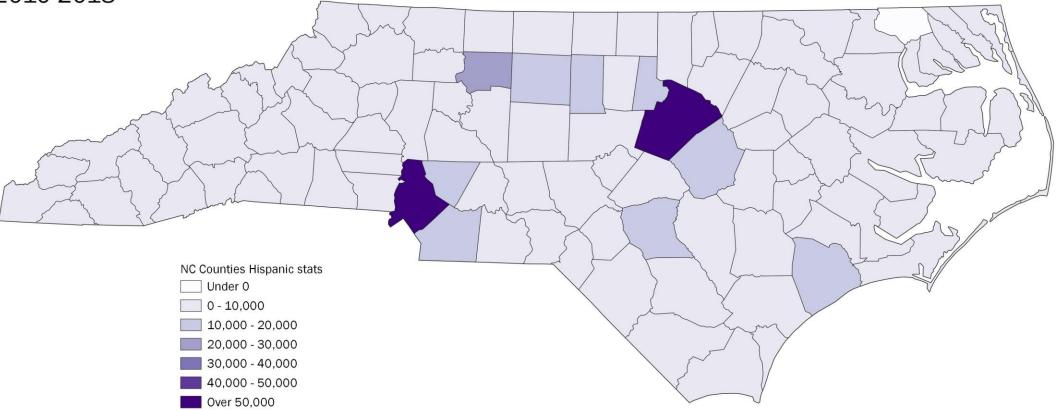
(More specific to counties)

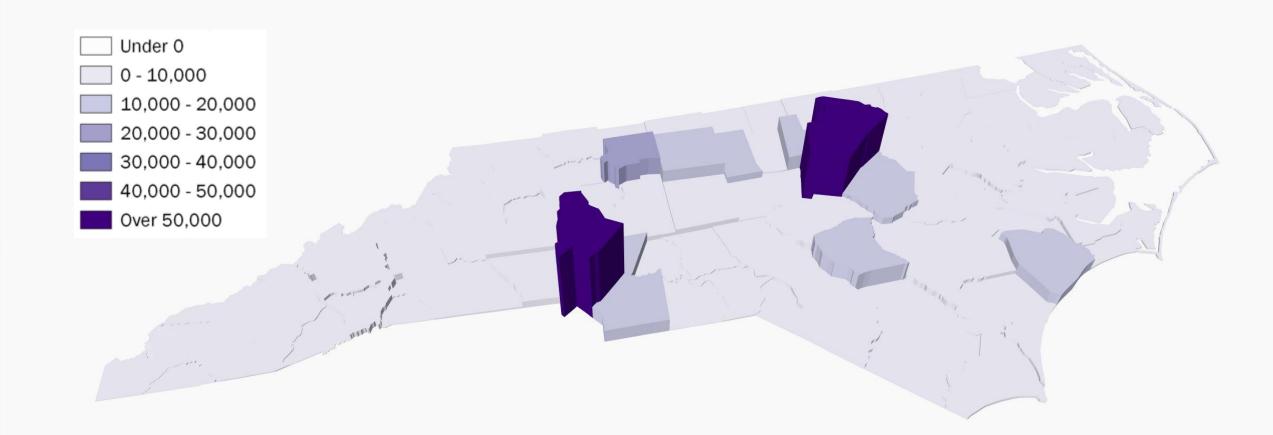
Hispanic or Latinx Population Percent Change 2010-2018

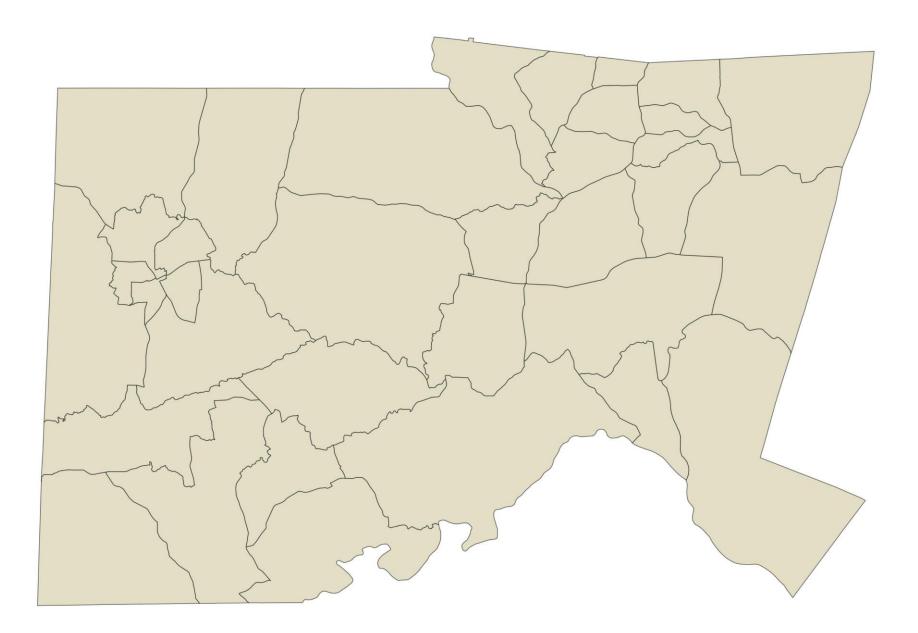


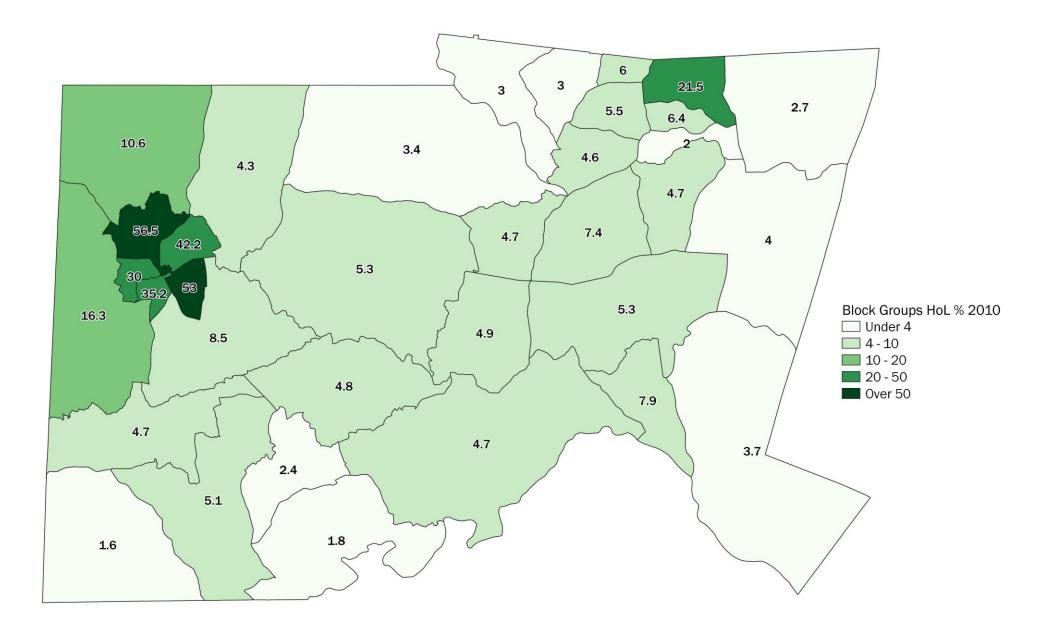


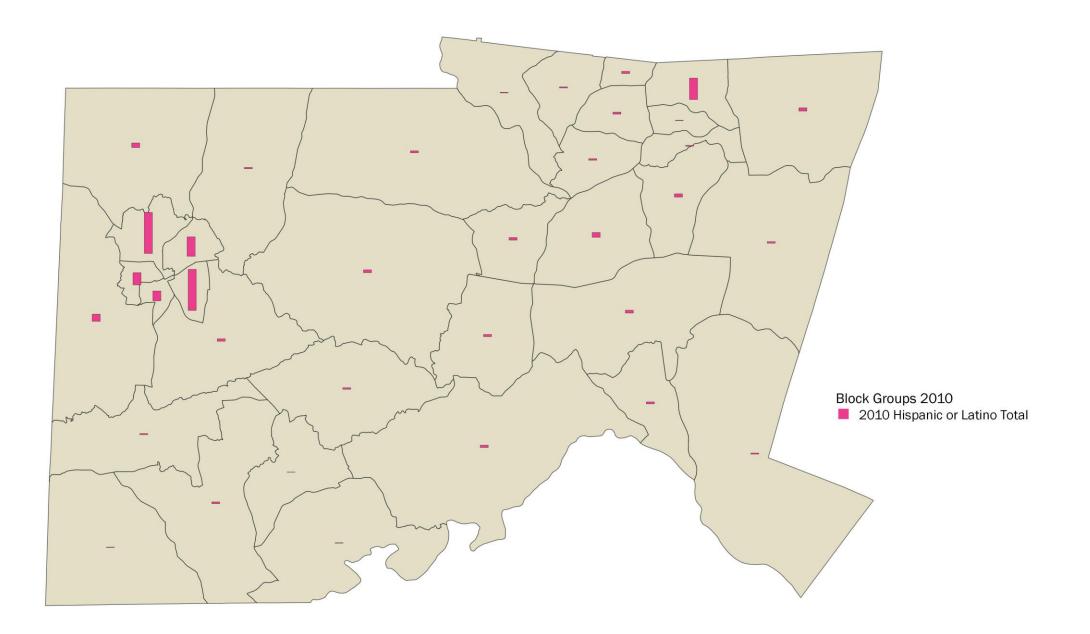
Hispanic or Latinx Population Change 2010-2018

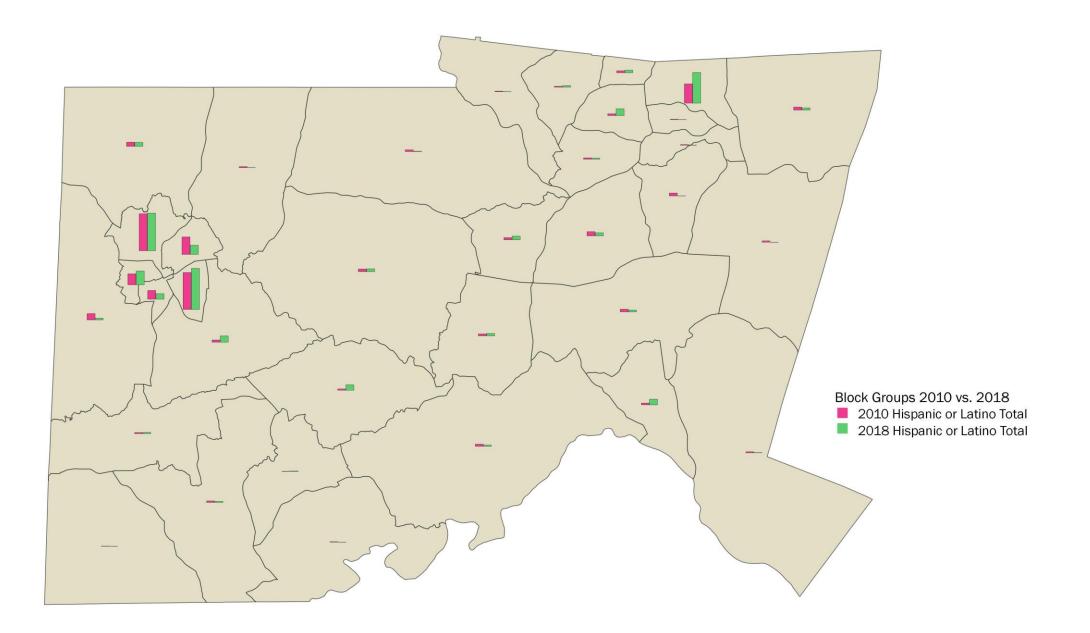












Changes in Geography

Other Boundaries to Consider

(Mostly) Static

- County Boundaries
- Rivers & Other Waterbodies
- Major Roads
- Zip Codes
- Etc.

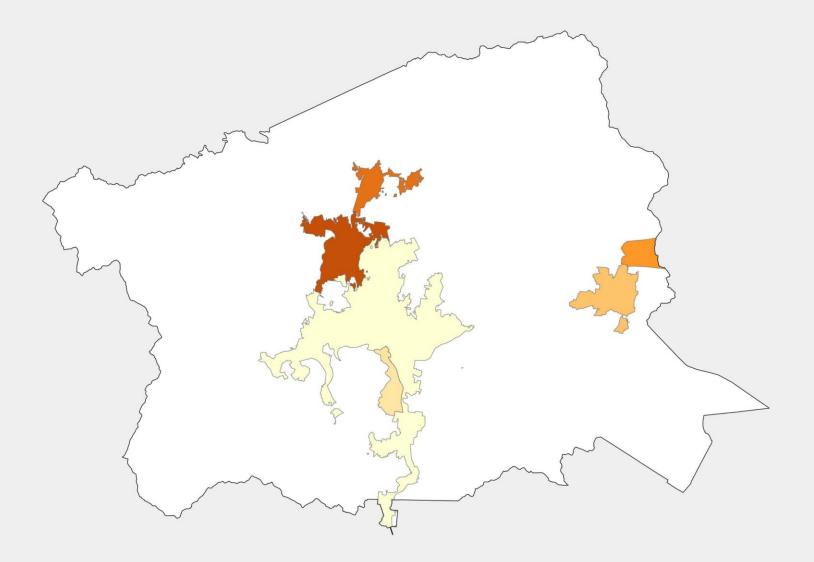
More Dynamic

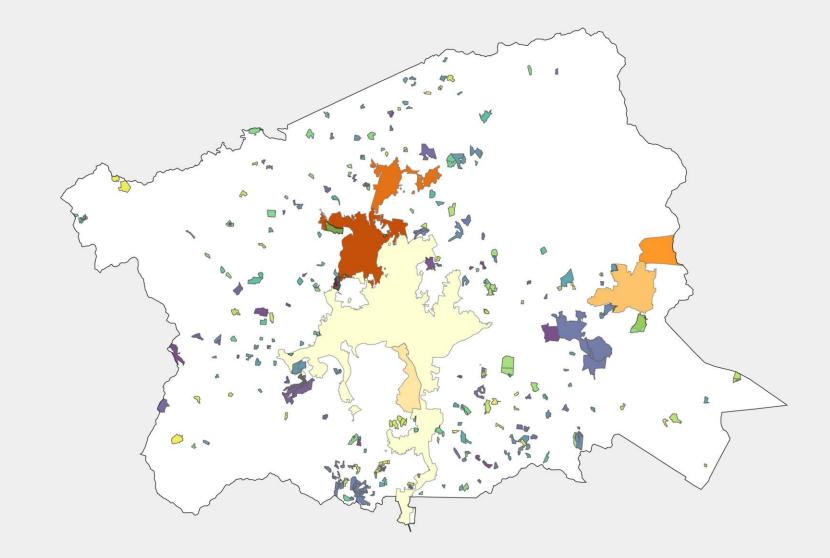
- Municipalities
- Election Precincts
- Neighborhoods
- Service Delivery Areas
- Communities of Interest
- Etc.

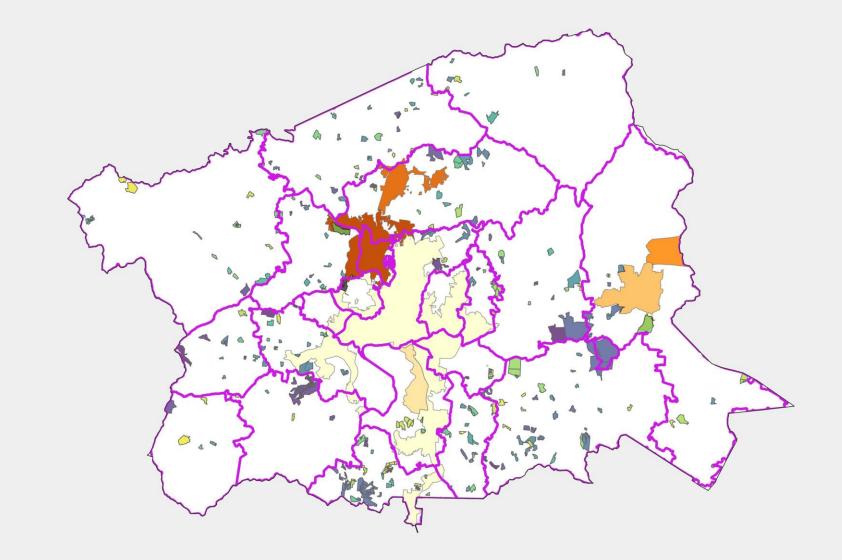


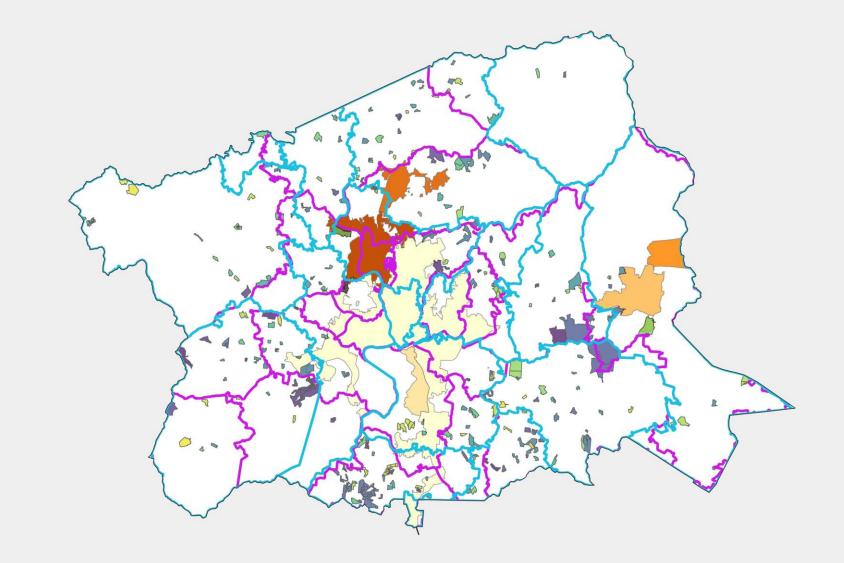


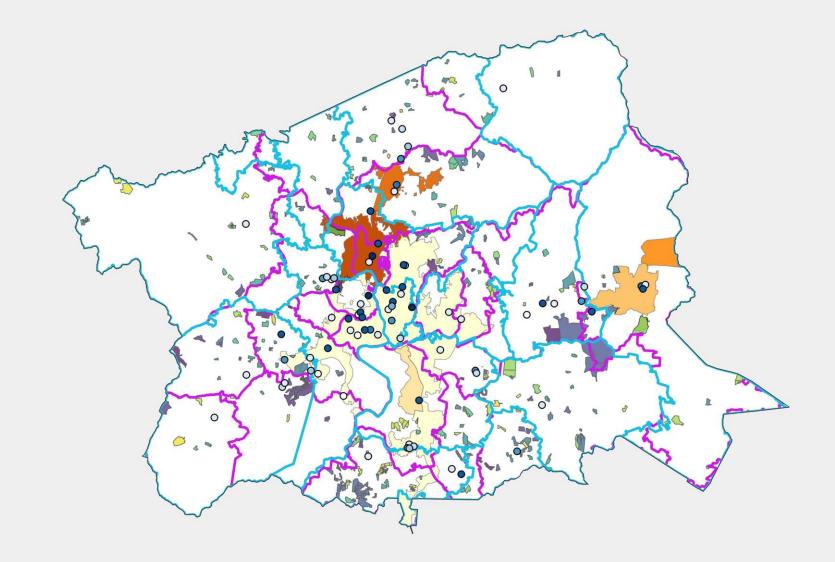








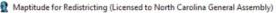


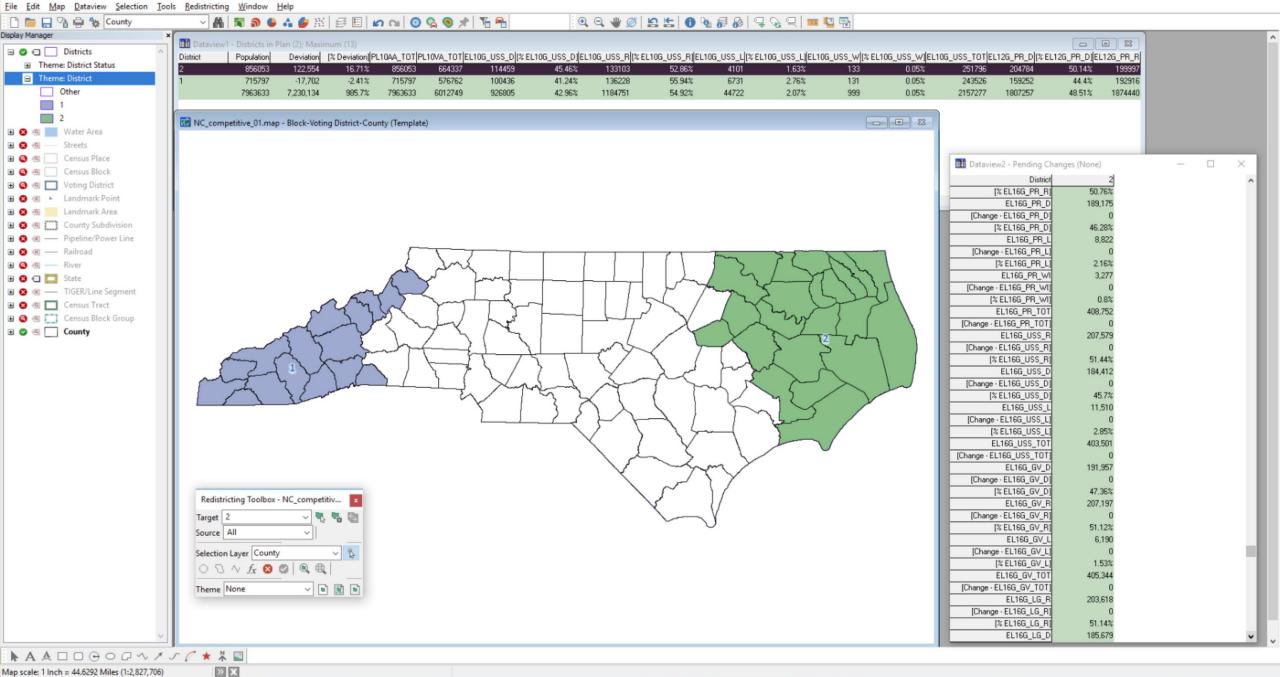


Changes in Redistricting Tools

Redistricting Software

Desktop Plan-Making	Browser-Based Plan-Making	Utilities, Etc.
Caliper/Maptitude	Esri Redistricting (Online Solution)	Princeton U. Group
GityGate GIS/autoBound	DistrictBuilder (Azavea)	Duke U. Group
ZillionInfo/iRedistrict	DRA 2020 (Dave's Redistricting App)	Tufts/MIT Group
Esri ArcGIS Business Analyst	Districtr (MGGG)	PlanScore.org
QGIS + Redistricting Plugin	Maptitude Online Redistricting	Harvard U. (Data)
Auto-Redistrict	(Proprietary State Tools)	U. of Florida (Data)
ArcBridge DISTRICTSolv		
(Proprietary State Tools)		





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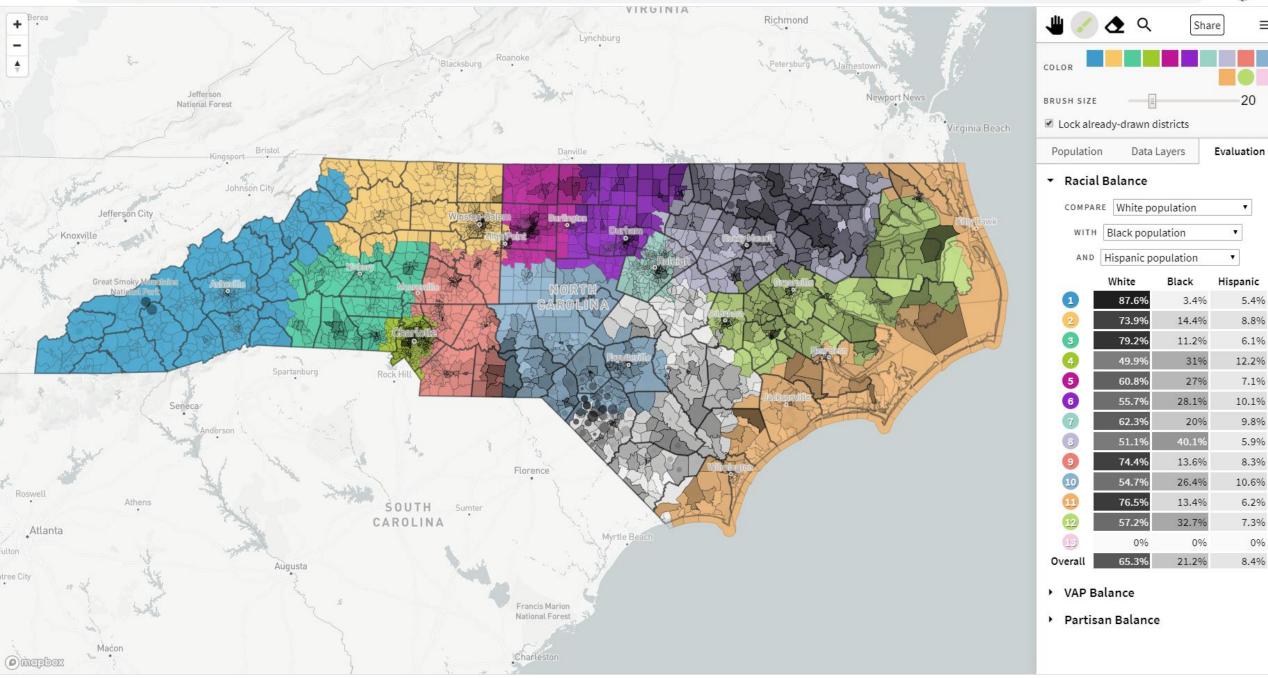
6.2%

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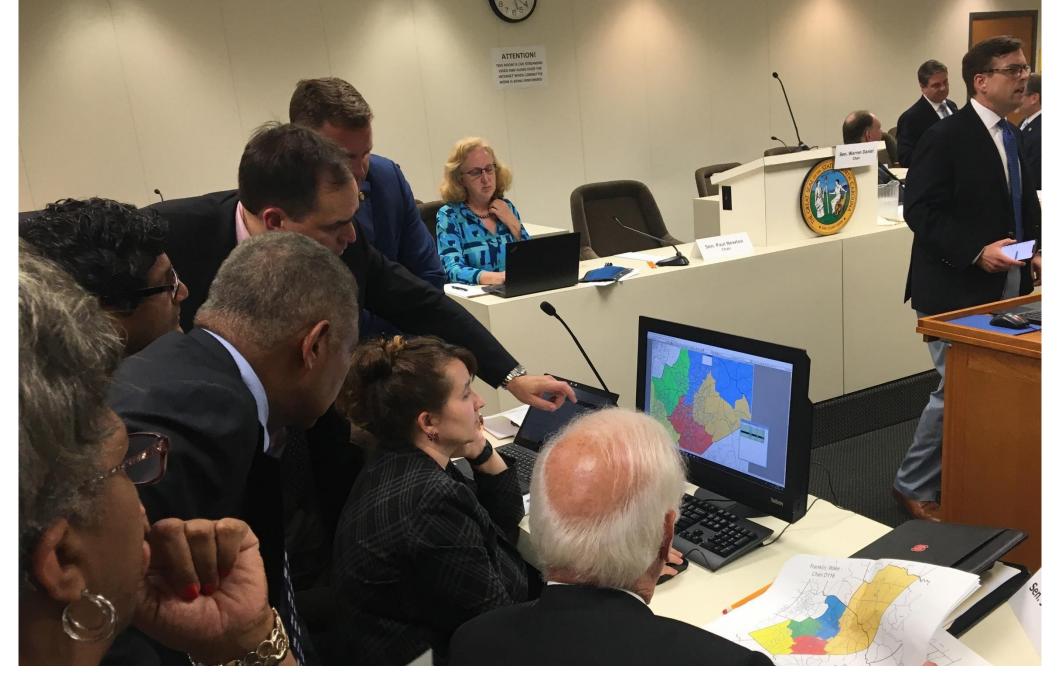
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Changes in Public Involvement





https://www.npr.org/2019/09/16/760177030/a-surprise-vote-thrown-phone-and-partisan-mistrust-roil-n-c-as-maps-are-redrawn (Miles Parks)

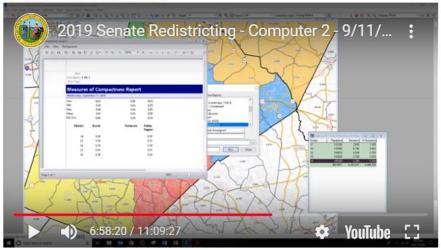
HOUSE SENATE AUDIO - CALENDARS - COMMITTEES - BILLS & LAWS - DIVISIONS - REDISTRICTING ABOUT -

Senate Redistricting and Elections Committee

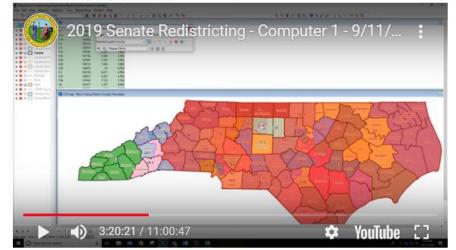
Legislative Office Building Room 544



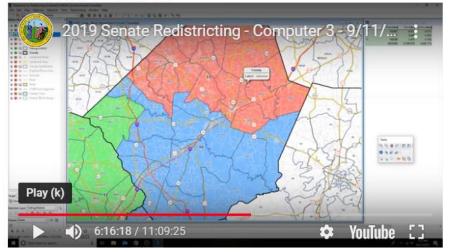
Redistricting Computer #2



Redistricting Computer #1



Redistricting Computer #3



Q SEARCH

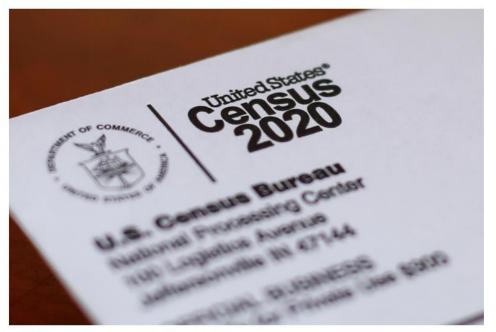
Changes to the Census

POLITICO

2020 ELECTIONS

Census Bureau will finish count earlier than expected, deliver data to Trump

The bureau's director says it "continues its work on meeting the requirements" of the president's request to exclude undocumented immigrants.



A 2020 census letter is shown. | Paul Sancya/AP Photo

By **STEVEN SHEPARD** 08/03/2020 11:14 PM EDT



The Census Bureau said late on Monday that it would finish collecting data for the decennial count next month and work to deliver population tallies to President Donald Trump that meet his constitutionally questionable order to Like many aspects of public- and private-sector organizations, the coronavirus outbreak has roiled the Census Bureau's operations. In April, the bureau asked Congress to delay the requirement to submit apportionment data until the end of April 2021. But since then — as Trump's poll numbers have faltered — the administration has pushed to meet its original deadlines.

At a hearing last week before the Democratic-controlled House Oversight and Government Reform Committee, Dillingham repeatedly declined to say whether the bureau stood by its original request for an extension.

The House has already approved a provision extending the deadline. But the Republican coronavirus relief proposal in the Senate, on which the chamber has not acted, did not include an extension.

https://www.politico.com/news/2020/08/03/census-bureau-data-trump-391146

Providing accurate data

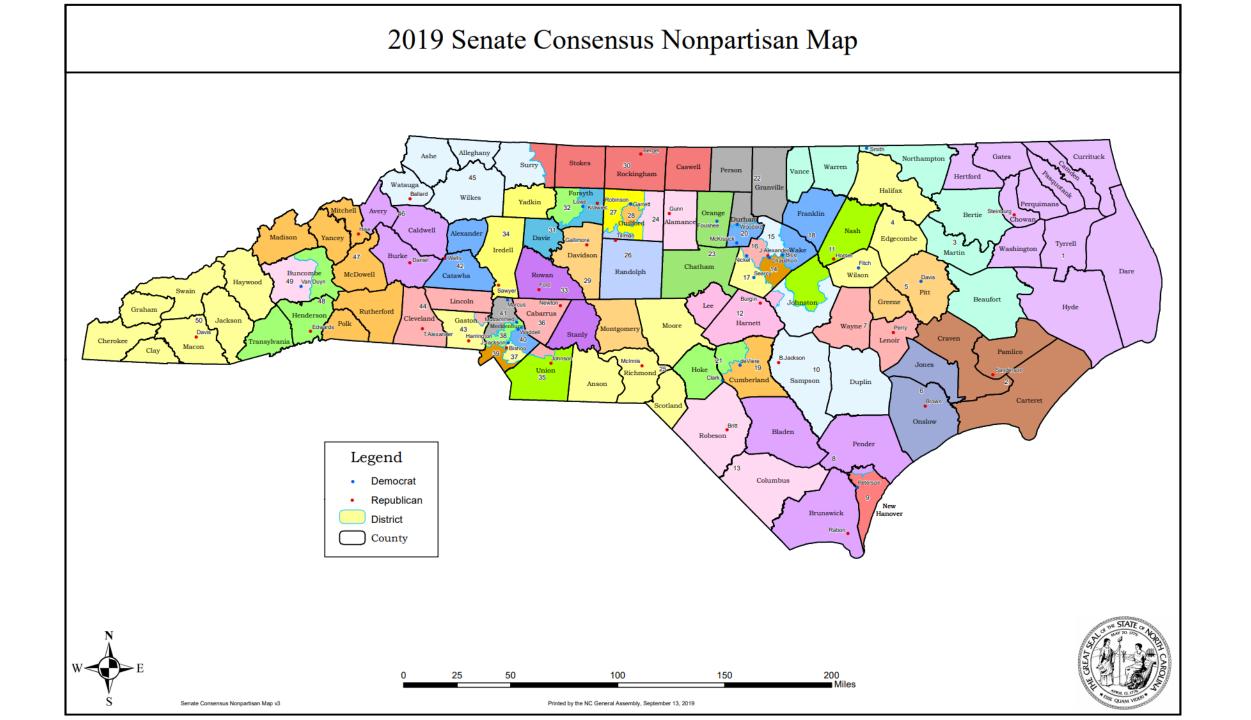


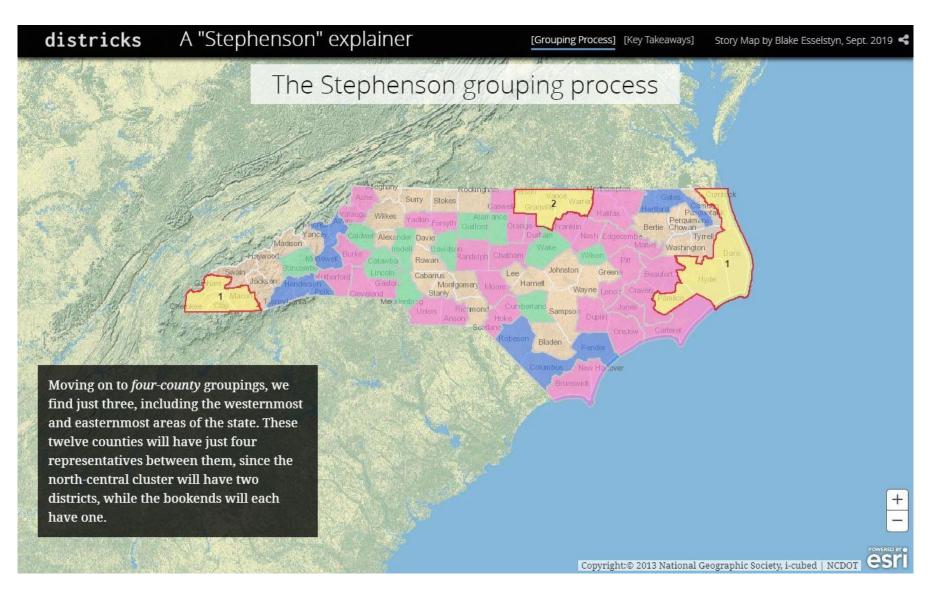
Data	Quality Bnae	K e g
D a d a	Qualitg Vrkk	Jzcfkdy
Data	Qaality Dncb	P r h v B l n
Dzte	Qvality Dncb	Prtnavy
Dfha	Quapyti Tgta	Рріјасу
Tgta	Qucjity Dfha	Pnjvico
Dncb	Qhulitn Dzhe	Njivaci
Ntue	Quevdto Dzte	Privecy
Vrkk	Zuhnvry Dada	Privacg
Bnaq	Denorbe Data	Privacy

Safeguarding individual privacy

County-grouping at the state level

(If time allows)







Questions?

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 919-821-4711
 dstagner@tharringtonsmith.com
- Blake Esselstyn
 828-338-8528
 blake@mapfigure.com

 For more info about LRS: www.ncredistrict.org/lrs