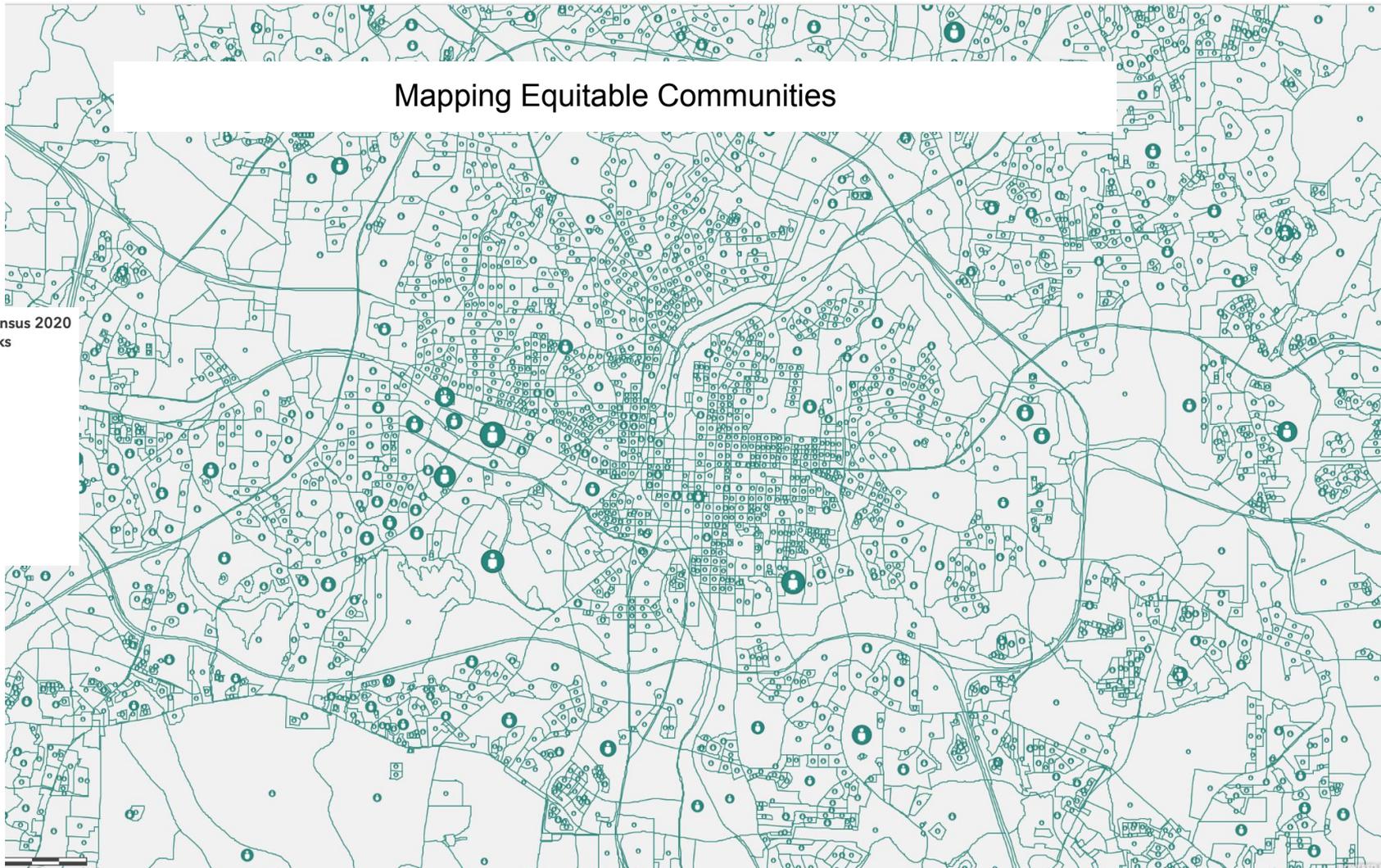
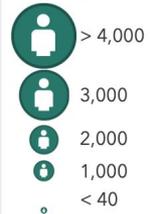


Mapping Equitable Communities

North Carolina Census 2020
Redistricting Blocks

Total Population



An aerial photograph of a city grid, showing streets, buildings, and parking lots. A white rectangular box is overlaid on the center of the image, containing a quote in black text.

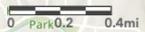
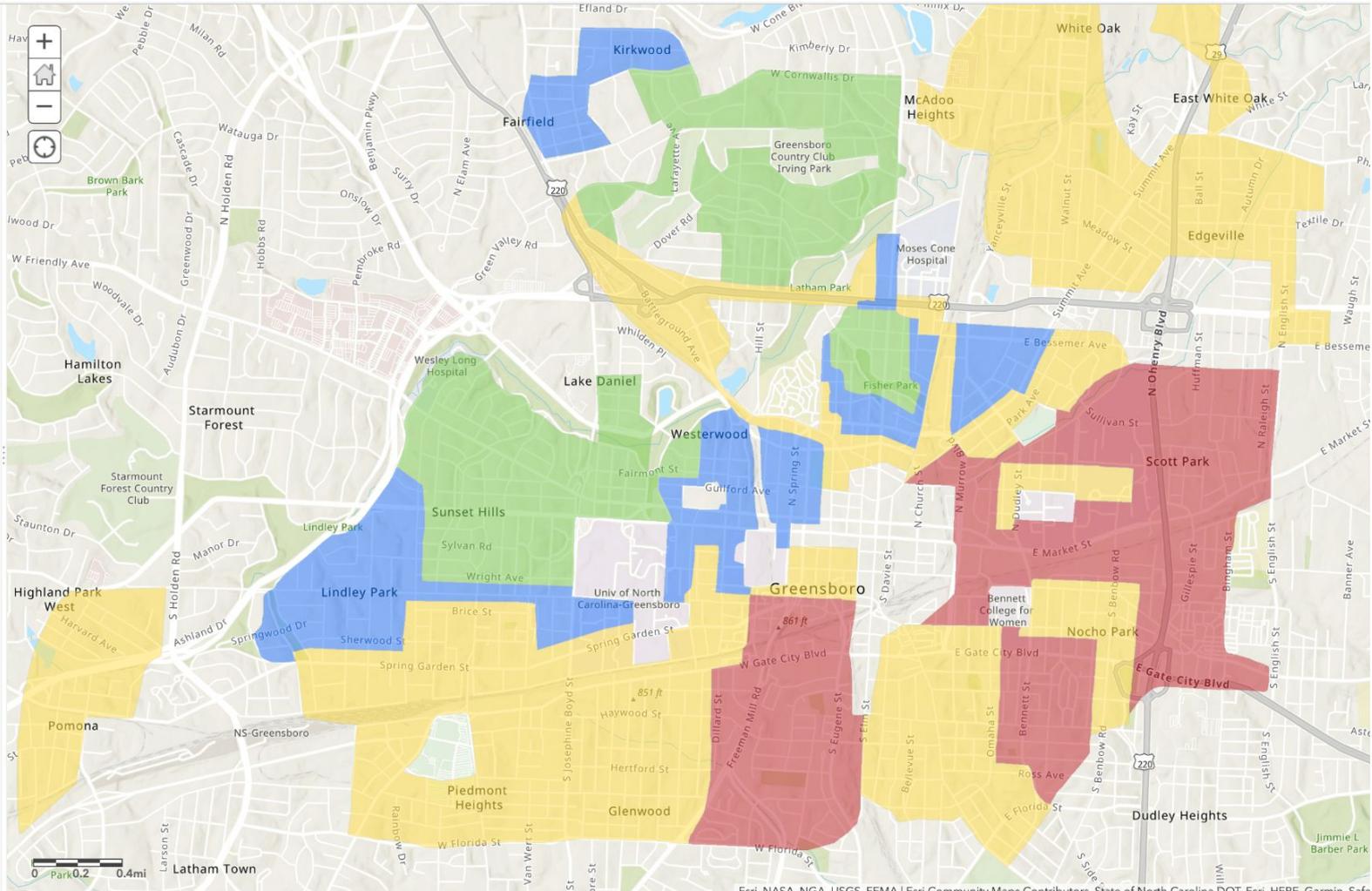
"The history of occurrences at different times, which is true history, is nothing other than a consecutive geography, and thus it is a great limitation on history if one does not know where something happened, or what it was like".--Immanuel Kant-Physical geography (1802)



Legend

Home Owners' Loan Corporation (HOLC) Neighborhood Redlining Grade

- A (Best)
- B (Still Desirable)
- C (Declining)
- D (Hazardous)



"Racial" Provisions of FHA Underwriting Manual, 1936

- 228. Deed restrictions are apt to prove more effective than a zoning ordinance in providing protection from adverse influences. Where the same deed restrictions apply over a broad area and where these restrictions relate to types of structures, use to which improvements may be put, and **racial occupancy**, a favorable condition is apt to exist. Where adjacent lots or blocks possess altogether different restrictions, especially for type and use of structures and **racial occupancy**, the effect of such restrictions is minimized and adequate protection cannot be considered to be present. . . . It must be realized that deed restrictions, to be effective, must be enforced. In this respect they are like zoning ordinances. Where there is the possibility of voiding the deed restrictions through inadequate enforcement of their provisions, the restrictions themselves offer little or no protection against adverse influences."
- 229. The geographical position of a location may afford in certain instances reliable protection against adverse influences. If the location lies in the middle of an area well developed with a uniform type of residential properties, and if the location is away from main arteries which would logically be used for business purposes, probability of a change in type, use, or occupancy of properties at this location is remote. The Valuator should consider carefully the immunity or lack of immunity offered to the location because of its geographical position within the city. Natural or artificially established barriers will prove effective in protecting a neighborhood and the locations within it from adverse influences. **Usually the protection against adverse influences afforded by these means include prevention of the infiltration of business and industrial uses, lower-class occupancy, and inharmonious racial groups.**
- 233. The Valuator should investigate areas surrounding the location to determine whether or not incompatible **racial** and social groups are present, to the end that an intelligent prediction may be made regarding the possibility or probability of the location being invaded by such groups. If a neighborhood is to retain stability it is necessary that properties shall continue to be occupied by the same social and **racial** classes. A change in social or **racial** occupancy generally leads to instability and a reduction in values. The protection offered against adverse changes should be found adequate before a high rating is given to this feature. Once the character of a neighborhood has been established it is usually impossible to induce a higher social class than those already in the neighborhood to purchase and occupy properties in its various locations.
- The social class of the parents of children at the school will in many instances have a vital bearing. Thus, although physical surrounds of a neighborhood area may be favorable and conducive to enjoyable, pleasant living in its locations, if the children of people living in such an area are compelled to attend school where the majority or a goodly number of the pupils represent a far lower level of society or an **incompatible racial element**, the neighborhood under consideration will prove far less stable and desirable than than if this condition did not exist. In such an instance it might well be that for the payment of a fee children of this area could attend another school with pupils of their same social class. The question for the Valuator to determine is the effect created by the necessity for making this payment upon the occupants of the location. Under any conditions the rating could not be favorable as if the desirable school were available without additional cost. In many instances where a school has earned a prestige through the class of pupils attending, it will be found that such prestige will be a vital element in maintaining the desirability of the entire area comprising the school district."

Special Considerations in Rating Undeveloped Subdivisions and Partially Developed Residential Areas

- 284 (3). Recorded deed restrictions should strengthen and supplement zoning ordinances and to be really effective should include the provisions listed below. The restrictions should be recorded with the deed and should run for a period of at least twenty years. Recommended restrictions include the following:
 - (a) Allocation of definite areas for specific uses such as single or double-family houses, apartments, and business structures.
 - (b) The placement of buildings so that they will have adequate light and air with assurance of a space of at least ten feet between buildings.
 - (c) Prohibition of the resubdivision of lots.
 - (d) Prohibition of the erection of more than one dwelling per lot.
 - (e) Control of the design of all buildings through requiring their approval by a qualified committee and by appropriate cost limitations.
 - (f) Prohibition of nuisances or undesirable buildings such as stables, pig pens, temporary dwellings, and high fences.
 - (g) **Prohibition of the occupancy of properties except by the race for which they were intended.**
 - (h) Appropriate provisions for enforcement.
- 289 (1). Adequacy of Civic, Social, and Commercial Centers.-- These elements of comfortable living usually follow rather than precede development. Those centers serving the city or section in which the development is situated should be readily available to its occupants. **Schools should be appropriate to the needs of the new community and they should not be attended in large numbers by inharmonious racial groups.** Employment centers, preferably diversified in nature, should be at a convenient distance.

Bold highlighting added by creator of this WWW page.

Source: Federal Housing Administration, *Underwriting Manual: Underwriting and Valuation Procedure Under Title II of the National Housing Act With Revisions to April 1, 1936* (Washington, D.C.), Part II, Section 2, Rating of Location.[\[1\]](#)

[1] In *Forbidden Neighbors* (New York: Harper & Brothers, 1955),162, Charles Abrams cites an FHA Underwriting Manual dated November 1, 1936. Thus, it appears as if more than one manual was issued in that year.

This WWW page was created by Wendy Plotkin (wendy.plotkin@asu.edu) in 1998 and updated on 1 September 2003.



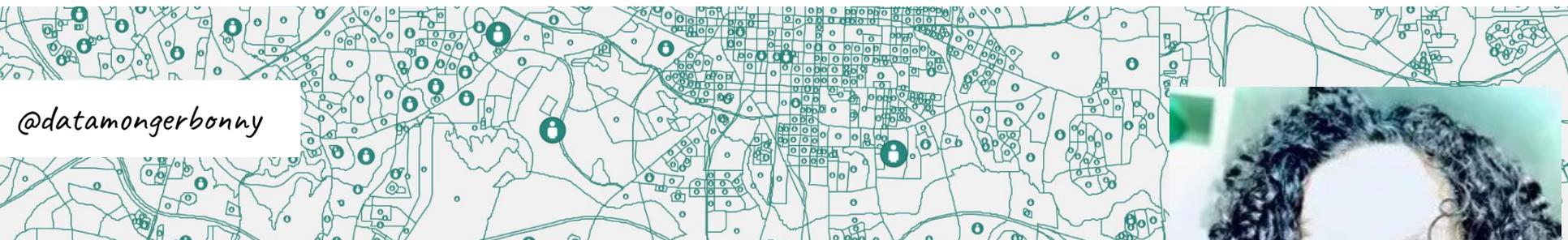
*Bonny's book **Python for Geospatial Data Analysis : Theory, Tools, and Practice for Location Intelligence** is in early-release from O'Reilly Media*



Bonny McClain is a spatial analyst at Data & Donuts, where she applies advanced data analytics, including data engineering and geo-enrichment, to poverty, race, and gender discussions.

SciPy 2022 Diversity Chair

*Closing keynote HIMSS NC **Location Intelligence: How Does our Infrastructure Influence Change in Our Built Healthcare Environment***



@datamongerbonny

Bonny is a member of the National Press Club, Urban and Regional Information Systems Association (URISA), 500 Women Scientists, Association of Health Care Journalists, and Investigational Reporters and Editors allowing access to a wide variety of health policy and health economic discussions.



About Content Legend

Legend

HOLC Redlining Polygons

- C
- B
- D
- A
- E

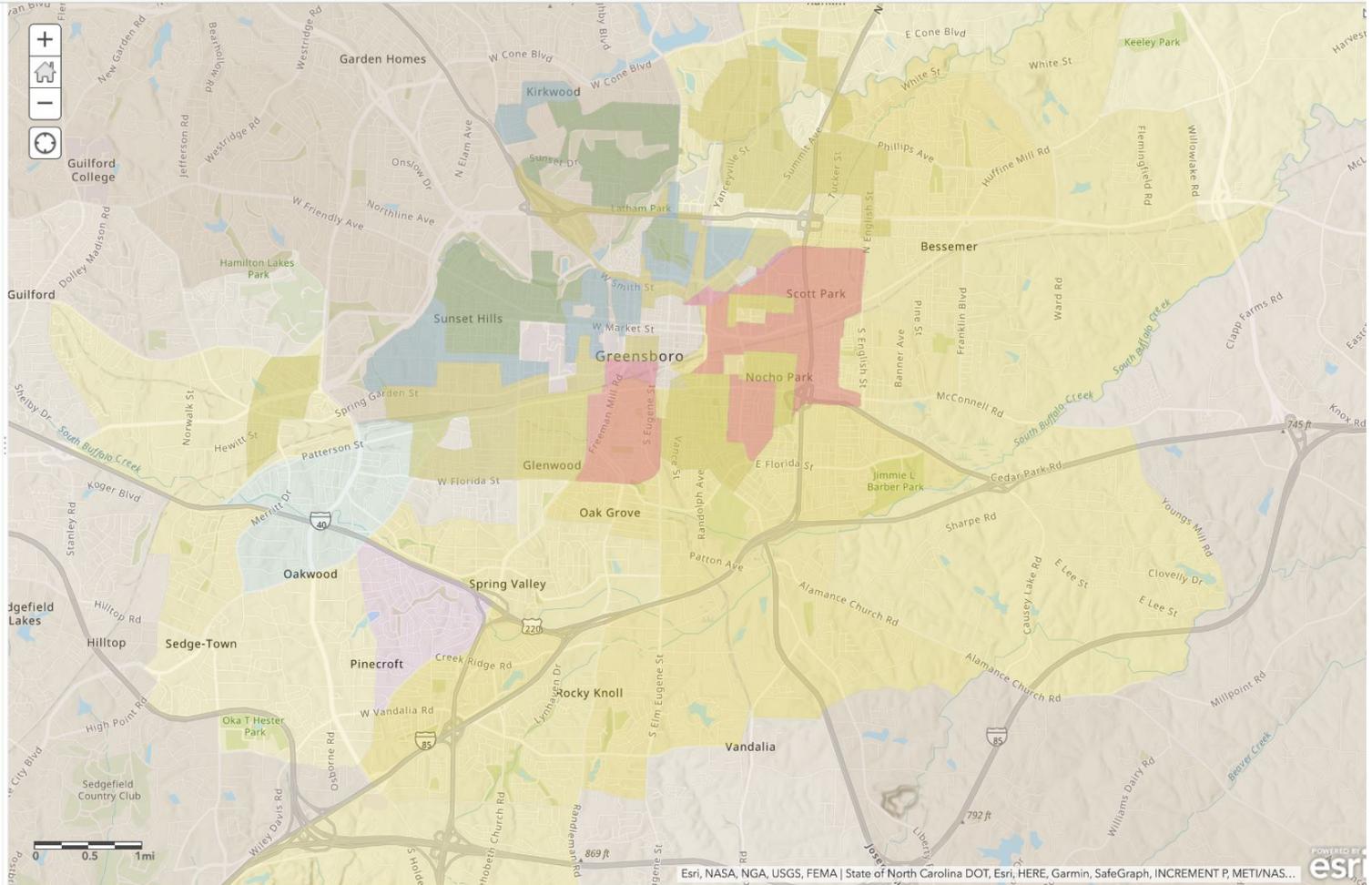
ACS Race and Hispanic Origin Variables - Boundaries - Tract

Predominant category

- Non-Hispanic White Population
- Hispanic or Latino Population
- Black or African American Population
- Asian Population
- American Indian and Alaska Native Population
- Two or More Races Population
- Native Hawaiian and Other Pacific Islander Population
- Some Other Race Population

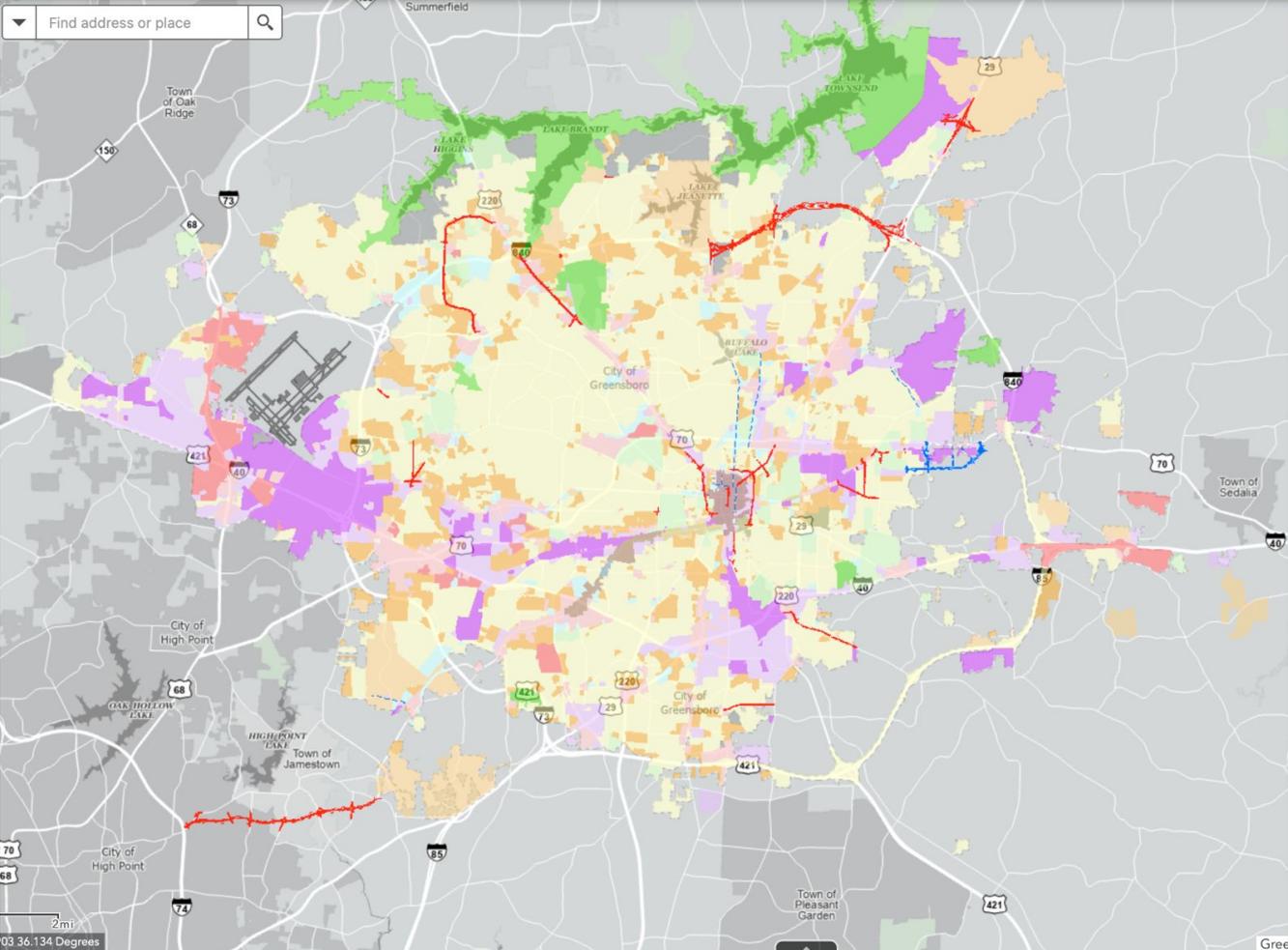
Strength of predominance

- > 97
- < 13





Find address or place



Legend

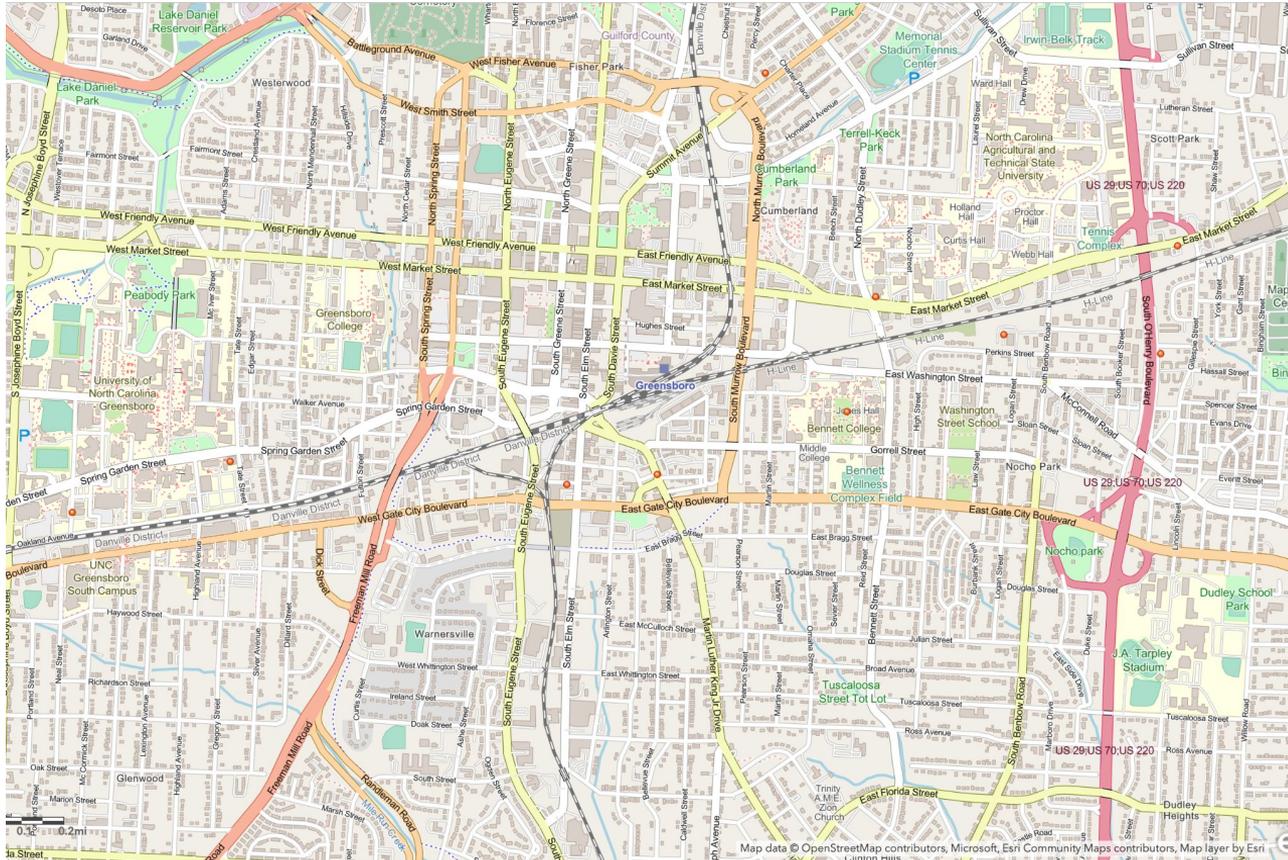
Map Layers

- Transportation Layers
 - Transportation Projects (Construction Design)
 - Transportation Projects (Preliminary Design)

Zoning Layers

- Greensboro Zoning Districts
 - Agricultural
 - Parkland and Natural Resource Area
 - Public and Institutional
 - Commercial
 - Central Business
 - Business Park
 - Office
 - Light Industrial
 - Heavy Industrial
 - Mixed Use
 - Auto-Oriented
 - Neighborhood Support
 - University Mixed Use
 - Single-family Residential
 - Multi-family Residential
 - Planned Unit Development
 - Traditional Neighborhood
 - Guilford County

Looking at a Relationship of Water Quality, NPH Areas, and Hazardous Waste Sites in North Carolina - Hazardous_Waste_Sites



GEOSPATIAL MATURITY ASSESSMENT 2021

North Carolina Report Card

Overall Grade: A-

| COORDINATION | GRADE: A |
|--------------|----------|
|--------------|----------|

| STATE-LED THEMES | GRADE |
|------------------|-------|
|------------------|-------|

| | |
|-----------------------|----|
| Address | A |
| Cadastre | A |
| Elevation | A- |
| Orthoimagery Leaf-Off | A |
| Transportation | A |

| FEDERAL-LED THEMES | GRADE |
|--------------------|-------|
|--------------------|-------|

| | |
|----------------------|----|
| Geodetic Control | A- |
| Government Units | A |
| Hydrography | C |
| Orthoimagery Leaf-On | B |

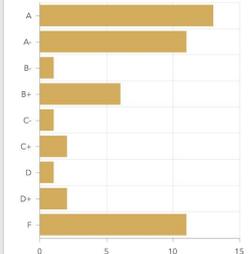
METRICS:

A - Superior C - Average F - Failure
 B - Above average D - Below average N/A - Not Applicable

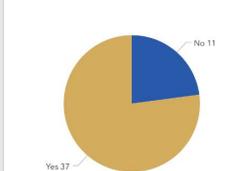
The National States Geographic Information Council Geospatial Maturity Assessment provides NSGIC members and other partners with a summary of geospatial initiatives, capabilities, and issues within and across state governments. The NSGIC GMA now produce report cards for each state on central data themes and coordination topics. The assessment is performed every two years.



Addresses Grades



Does your state have a program for developing or maintaining an authoritative statewide address database?



Address Program Update Frequency

Zoom to Pan 1 of 2

Addresses Theme Responses (North Carolina)

What percent of local address-authorities contribute to your state's address point database?: 90_100

How frequently is this data updated?: quarterly

What is the quality of the state-level data?: state_standard_qa

How widely available is your address point database?: download,contribute_nad,publicly

Is your address point data used to support the following?: support_911

Identify the characteristics of your address point database: addr_steward,addr_funding,addr_local_govt,addr_attributes

Erii, FAO, NOAA Powered by Erii



Introduction Percent Contribution Data Quality Data Use Characteristics

Legend

USA Supermarket Access

Supermarkets included in analysis

S T = Supermarket, included

People in Poverty with Low Access

- 1 - 4 people
- 5 - 10
- 11 - 50
- 51 - 100
- 101 - 1468

People in Poverty with High Access

- 1 - 4 people
- 5 - 10
- 11 - 50
- 51 - 100
- 101 - 6991

Supermarkets within 1 Mile Walk

- 11 or more supermarkets
- 3 to 10 supermarkets
- 2 supermarkets
- 1 supermarket
- No supermarkets with 1 mile walk

Supermarkets within 10 Minute Drive

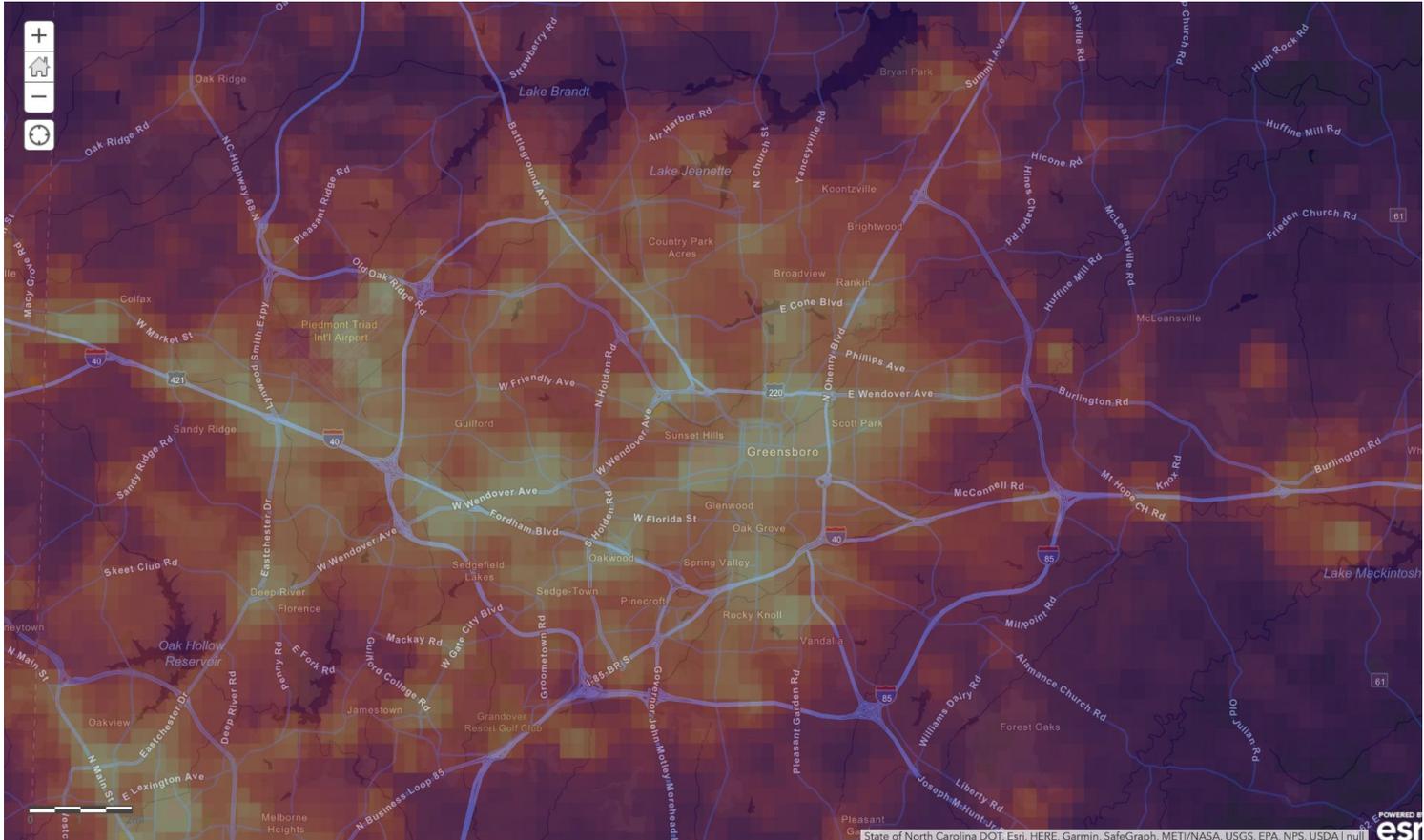
- 2 or more supermarkets
- 1 supermarket
- No supermarkets with 1 mile walk



Impervious surfaces...



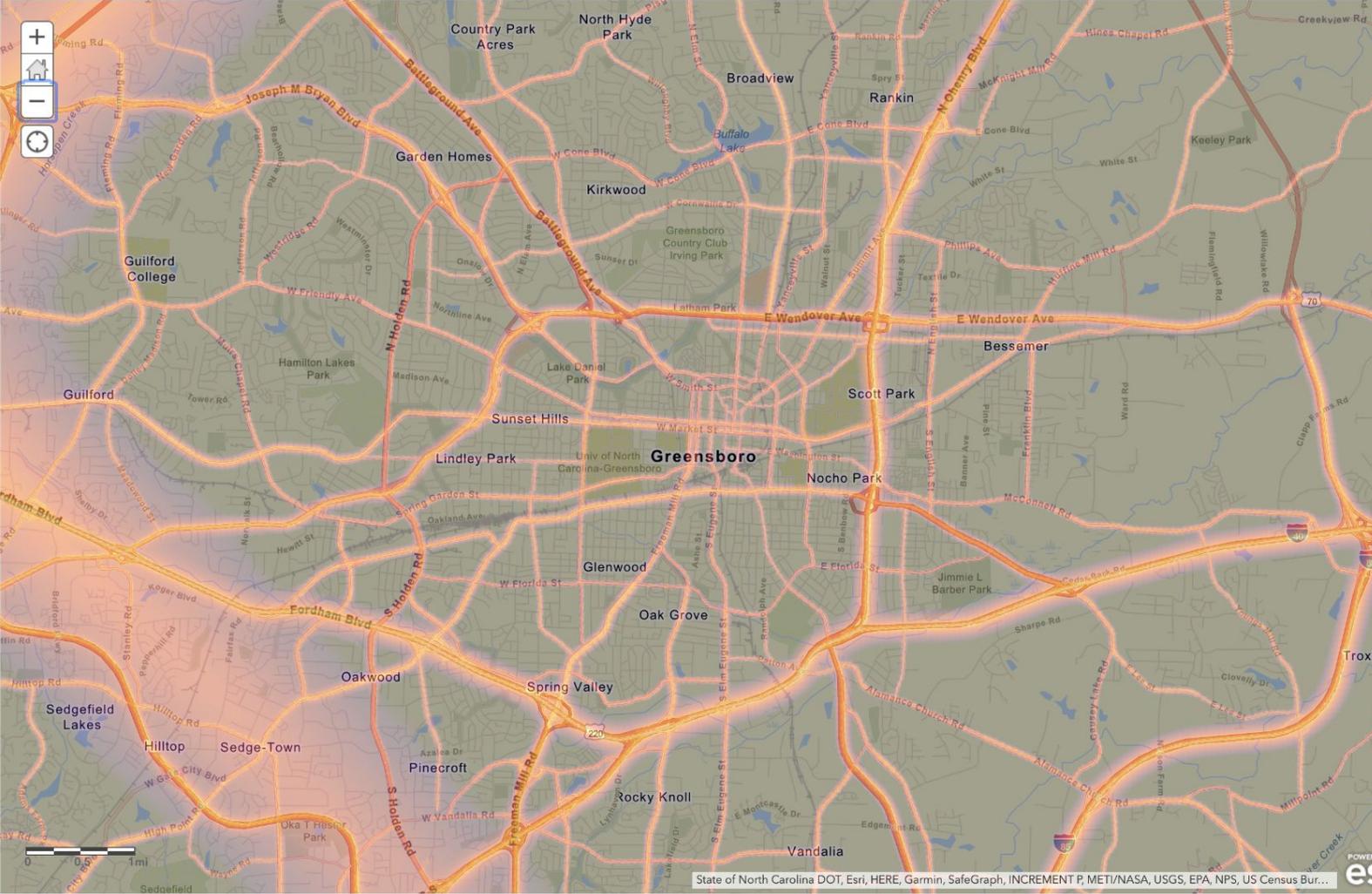
Light pollution





Contents

- USA Transportation Noise - Road and Aviation 2018
- Land Cover Vulnerability Change 2050 - Country
- USA NLCD Tree Canopy Cover
- Esri 2020 Land Cover
- Streets

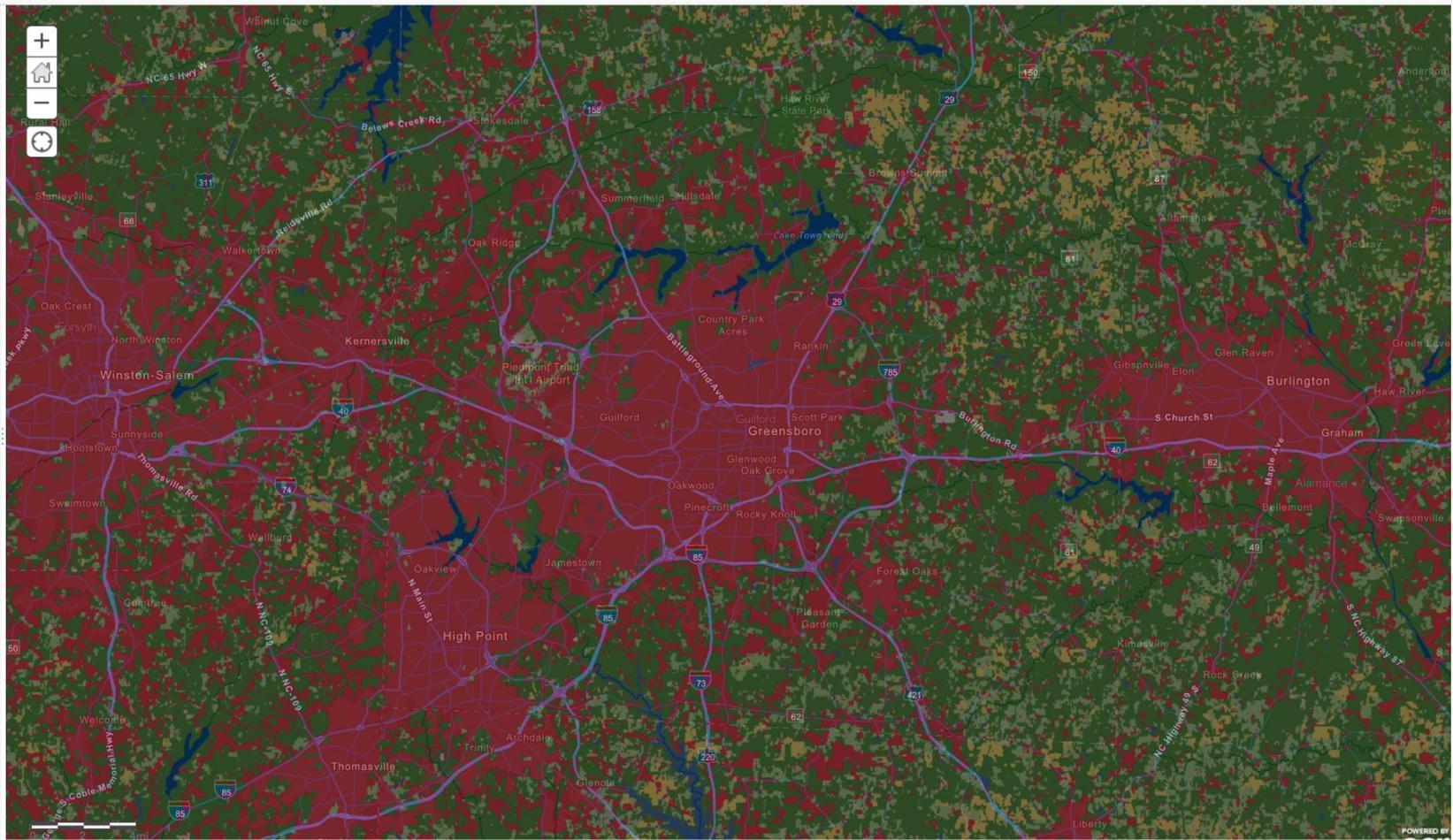


Legend

Esri 2020 Land Cover

- No Data
- Water
- Trees
- Grass
- Flooded Vegetation
- Crops
- Scrub/Shrub
- Built Area
- Bare Ground
- Snow/Ice
- Clouds

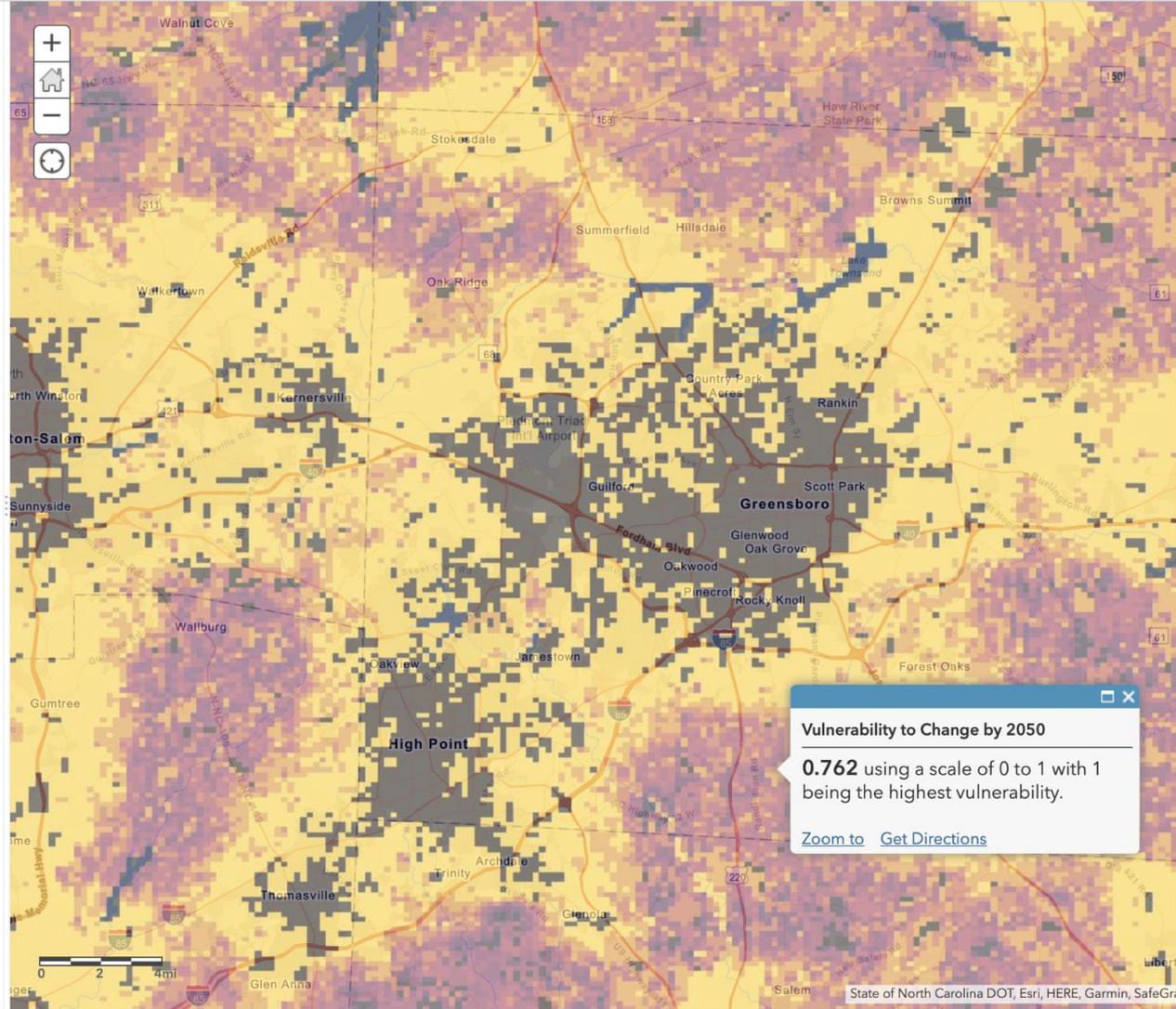
[Text Center](#)
[Contact Esri](#)





Legend

Land Cover Vulnerability Change 2050 - Country



Vulnerability to Change by 2050

0.762 using a scale of 0 to 1 with 1 being the highest vulnerability.

[Zoom to](#) [Get Directions](#)

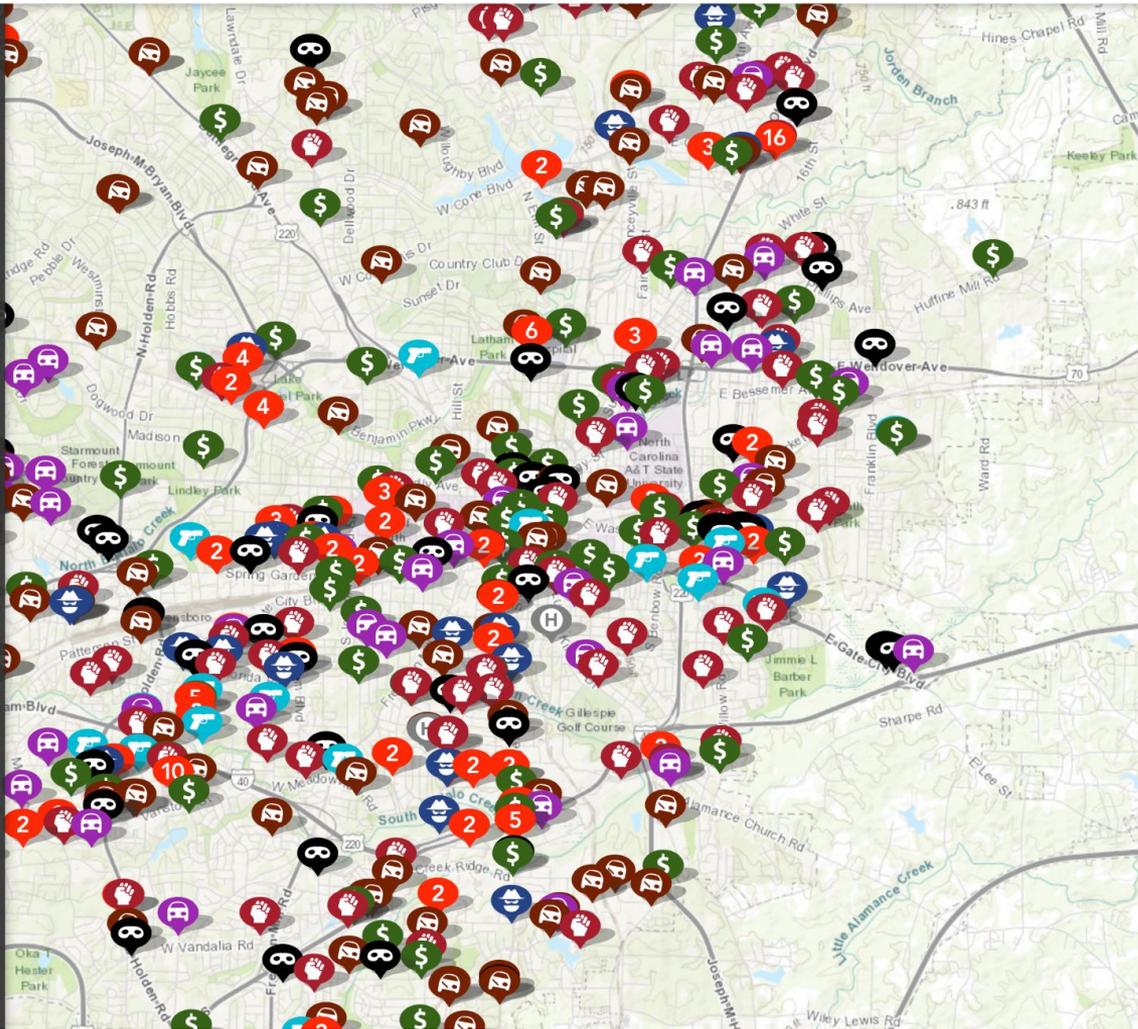
x Close

Display Options

What type(s) of records would you like to see?

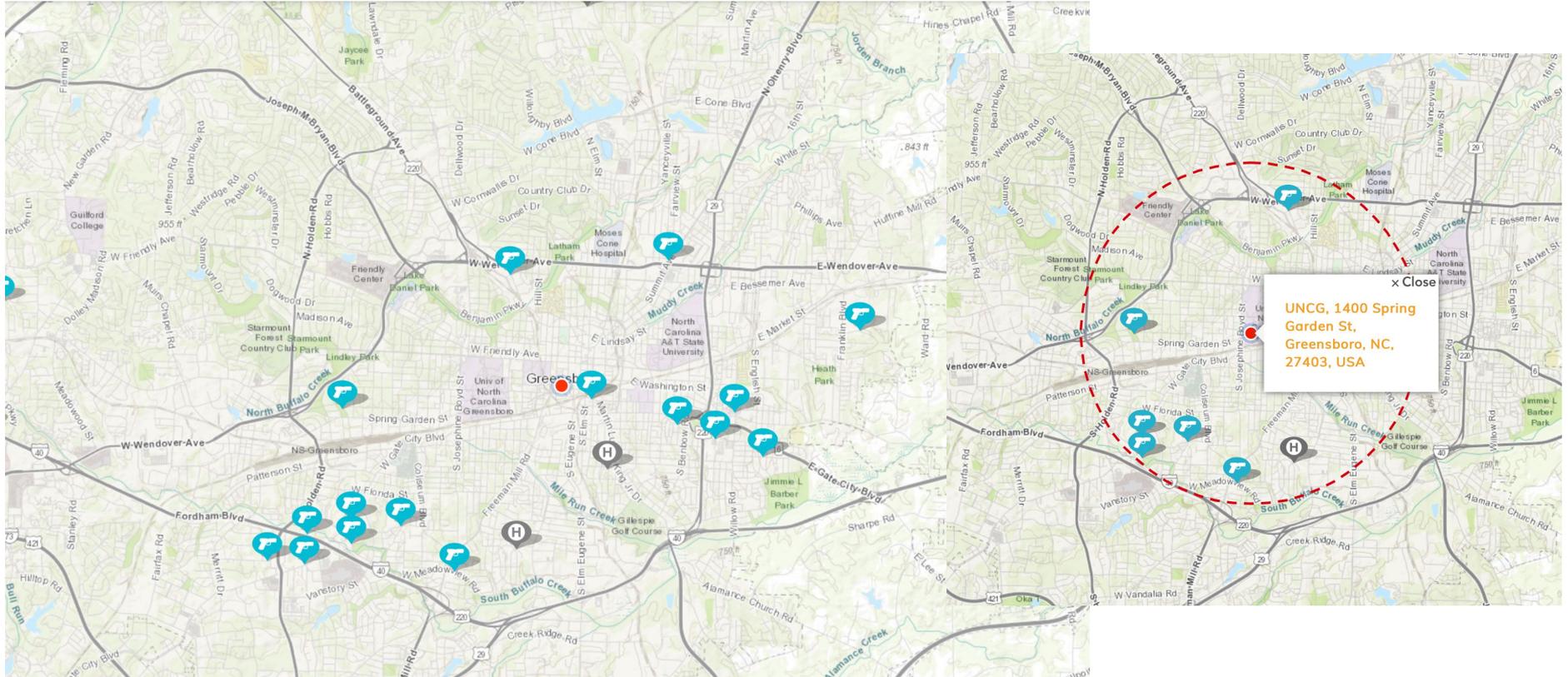
Select All | Deselect All

- Arson
- Assault
- Burglary
- Disturbing the Peace
- Drugs / Alcohol Violations
- DUI
- Fraud
- Homicide
- Motor Vehicle Theft
- Robbery
- Sex Crimes
- Theft / Larceny
- Vandalism
- Vehicle Break-In / Theft
- Weapons
- Sex Offender NA*
- Sexual Predator NA*



* Data not provided by agency within map extent

CRIMEMAPPING—last 4 weeks



INCARCERATION RATES

COMPARING NORTH CAROLINA
AND FOUNDING NATO COUNTRIES

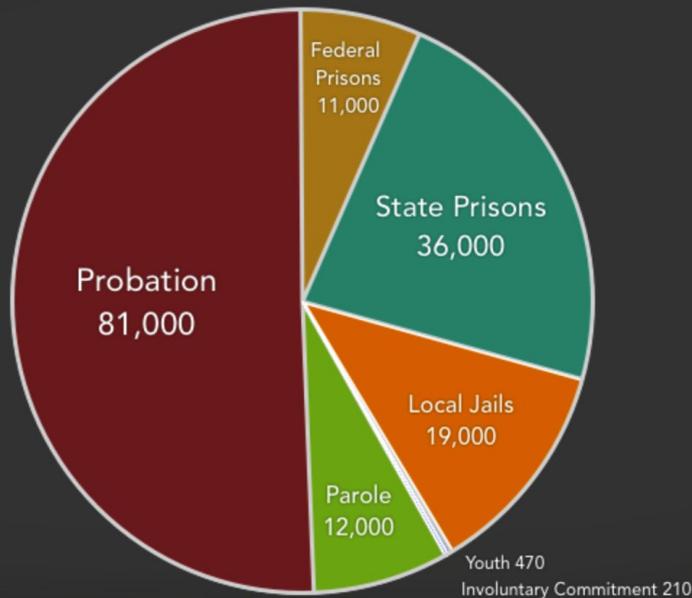


Incarceration rates per 100,000 population

North Carolina's criminal justice system is more than just its prisons and jails

How many people are in North Carolina's criminal justice system?

160,000 North Carolina are behind bars or under criminal justice supervision.



[About](#)
[Content](#)
[Legend](#)

Legend

HOLC Redlining Polygons

- C
- B
- D
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- E

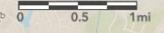
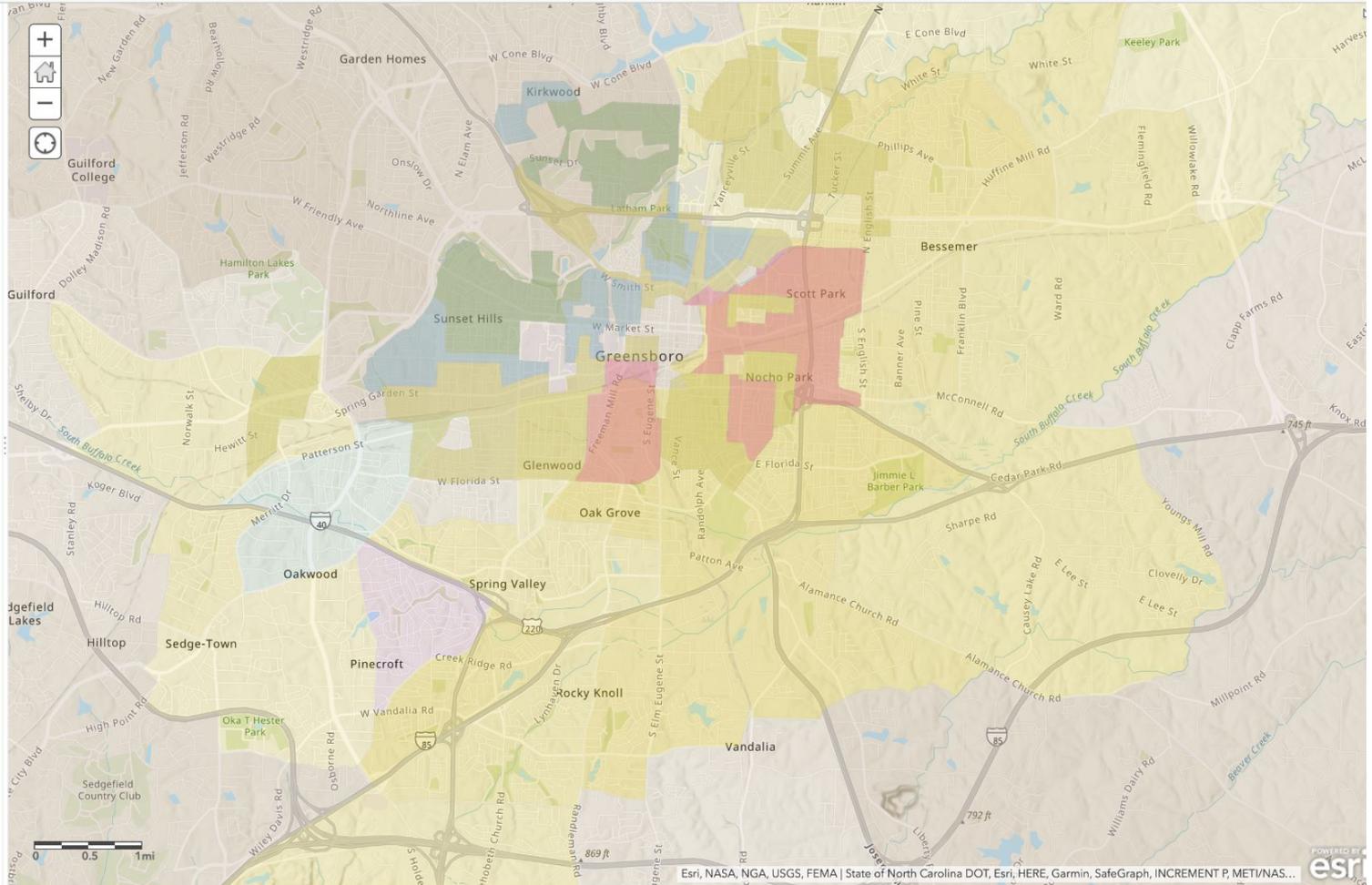
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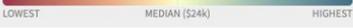


Greensboro, North Carolina, United States

Select a tract to see figures

CHILDREN'S OUTCOMES IN ADULTHOOD

HOUSEHOLD INCOME AT AGE 35



INCARCERATION RATE

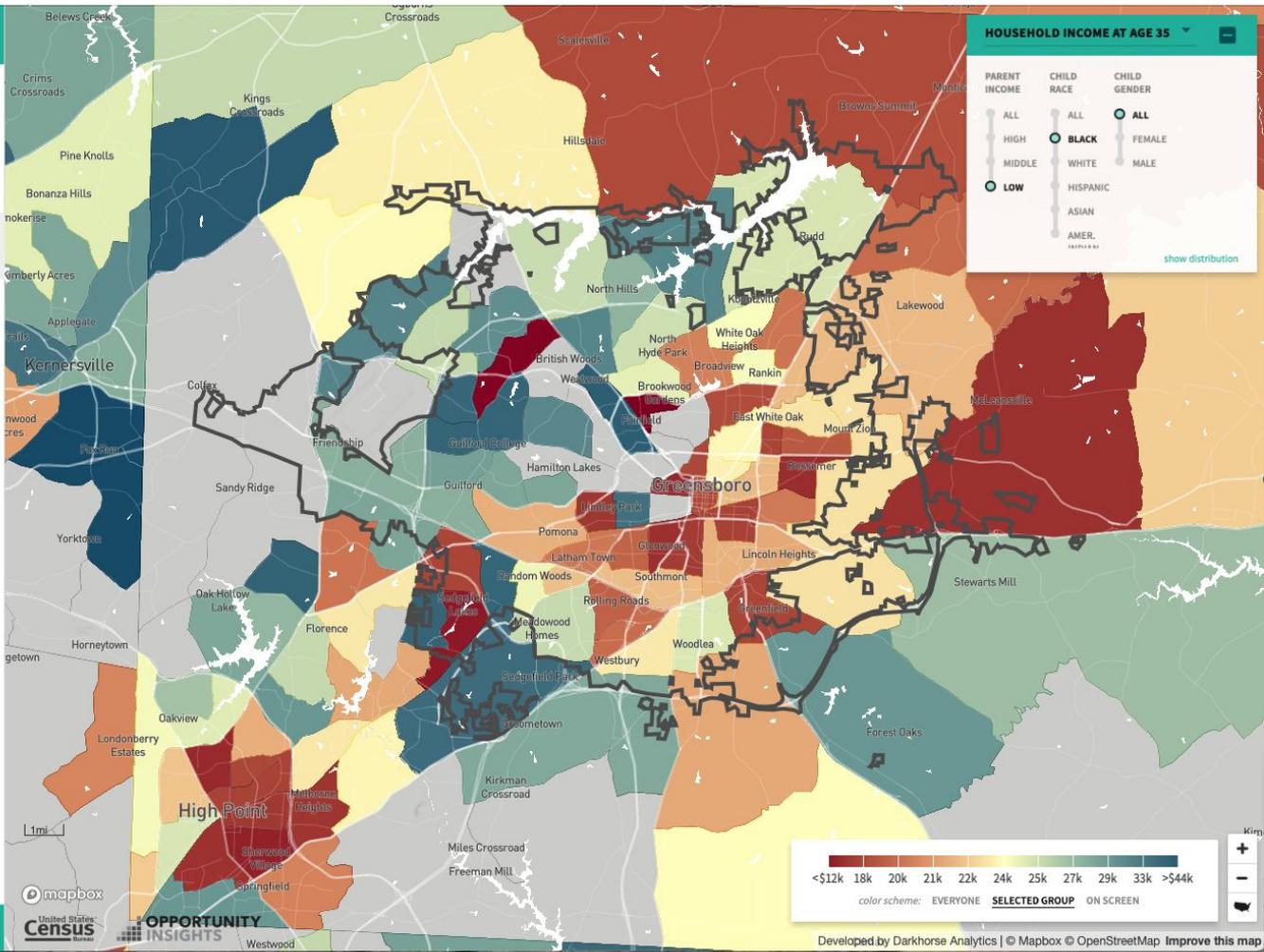
show more outcomes

NEIGHBORHOOD CHARACTERISTICS

MEDIAN RENT 2012-16

JOB GROWTH RATE FROM 2004 TO 2013

show more characteristics



HOUSEHOLD INCOME AT AGE 35

Filter controls for PARENT INCOME, CHILD RACE, and CHILD GENDER. Includes radio buttons for ALL, BLACK, WHITE, HISPANIC, ASIAN, AMER., FEMALE, and MALE.



EXPLORE STORIES, DOWNLOAD AS IMAGE, DOWNLOAD THE DATA, OVERLAY YOUR DATA

GUIDE, METHODS, FAQ, social media icons



search for address or place...

Tract 37081011200, Greensboro, NC

CHILDREN'S OUTCOMES IN ADULTHOOD

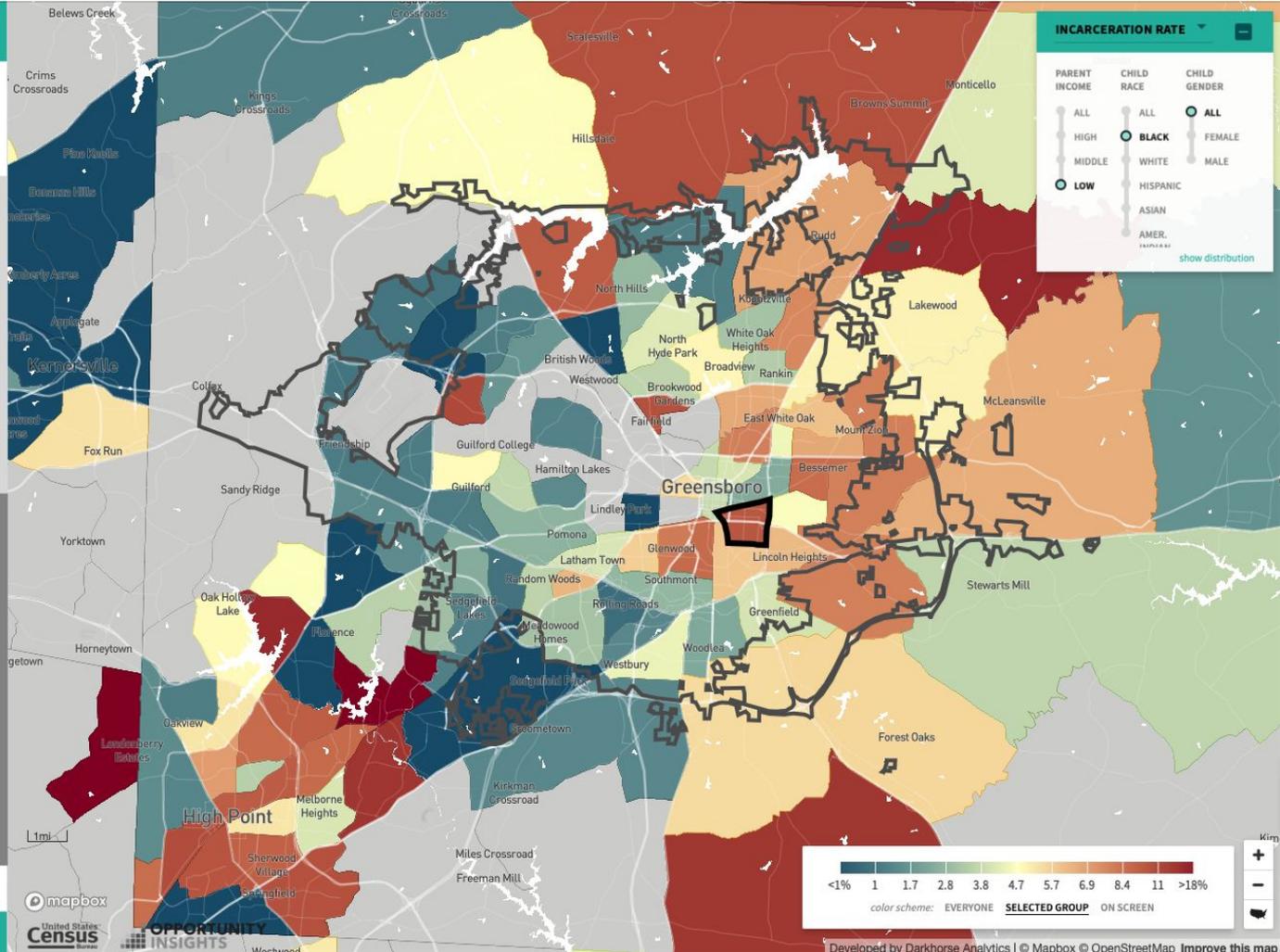


- INDIVIDUAL INCOME FOR U.S. NATIVES: N/A
INDIVIDUAL INCOME FOR IMMIGRANTS: N/A
NUMBER OF CHILDREN: 942

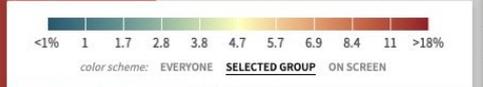
NEIGHBORHOOD CHARACTERISTICS

- MEDIAN RENT 2012-16: \$687
JOB GROWTH RATE FROM 2004 TO 2013: -9.6%
MEDIAN HHOLD. INCOME OF RESIDENTS IN 2012-16: \$32k
MEDIAN HHOLD. INCOME OF RESIDENTS IN 1990: \$30k
POVERTY RATE IN 2012-16: 41%
FRACTION COLLEGE GRADUATES IN 2012-16: N/A
FRACTION NON-WHITE IN 2010: 92%
FOREIGN-BORN SHARE IN 2012-16: 2.5%
FRACTION SINGLE PARENTS IN 2012-16: 81%
POPULATION DENSITY IN 2010: 5.3k/mi^2
DENSITY OF JOBS IN 2013: 638/mi^2
FRACTION WITH SHORT WORK COMMUTES IN 2012-16: 42%

EXPLORE STORIES, DOWNLOAD AS IMAGE, DOWNLOAD THE DATA, OVERLAY YOUR DATA



INCARCERATION RATE legend with filters for PARENT INCOME, CHILD RACE, CHILD GENDER.



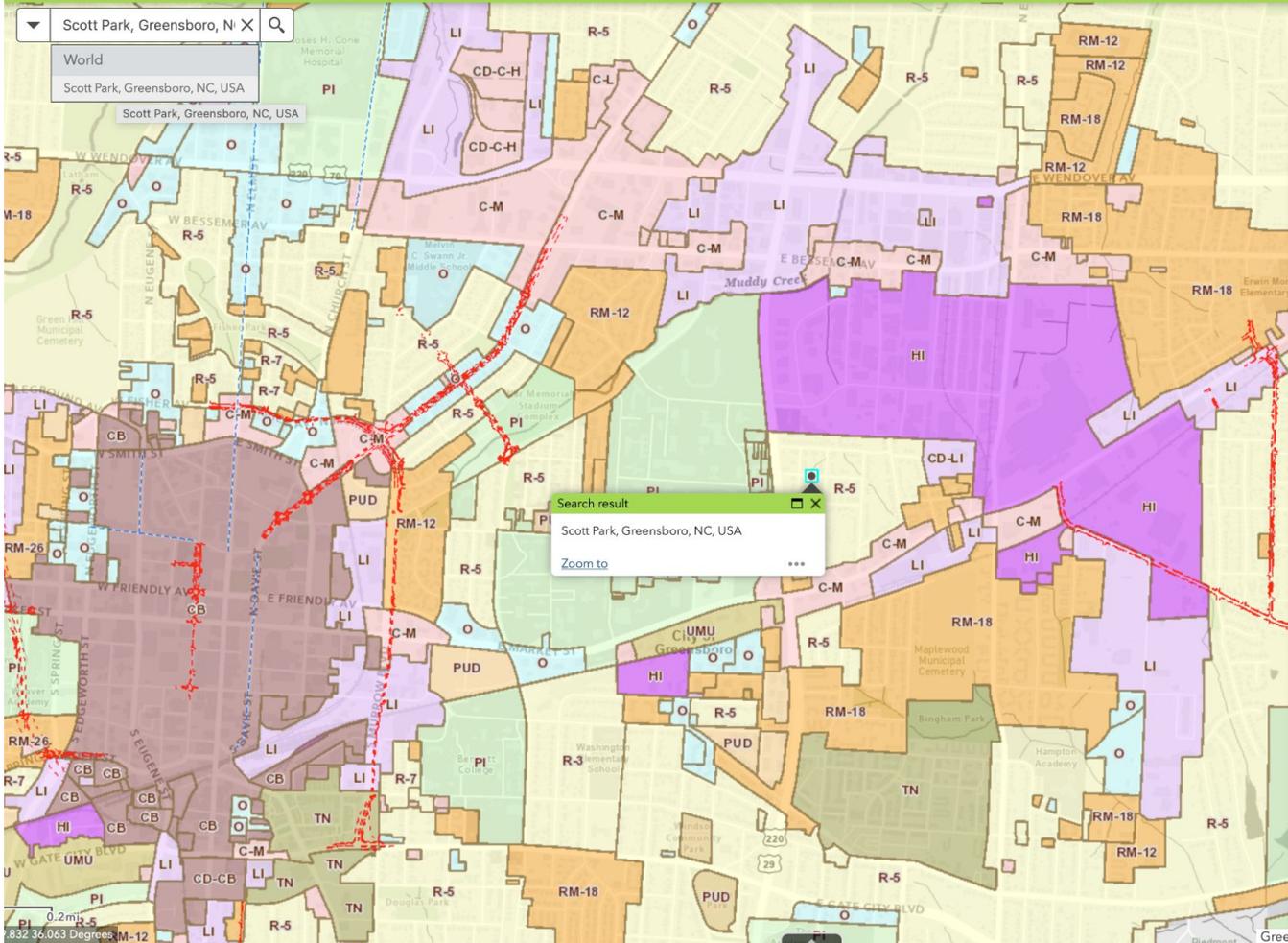


▼ Scott Park, Greensboro, N X Q

World

Scott Park, Greensboro, NC, USA

Scott Park, Greensboro, NC, USA



Legend

Map Layers

- Transportation Layers
- Transportation Projects (Construction Design)
 - Transportation Projects (Preliminary Design)

Zoning Layers

- Zoning Districts Outline
- Zoning Districts Outline
- Greensboro Zoning Districts
- Agricultural
 - Parkland and Natural Resource Area
 - Public and Institutional
 - Commercial
 - Central Business
 - Business Park
 - Office
 - Light Industrial
 - Heavy Industrial
 - Mixed Use
 - Auto-Oriented
 - Neighborhood Support
 - University Mixed Use
 - Single-family Residential
 - Multi-family Residential
 - Planned Unit Development
 - Traditional Neighborhood
 - Guilford County

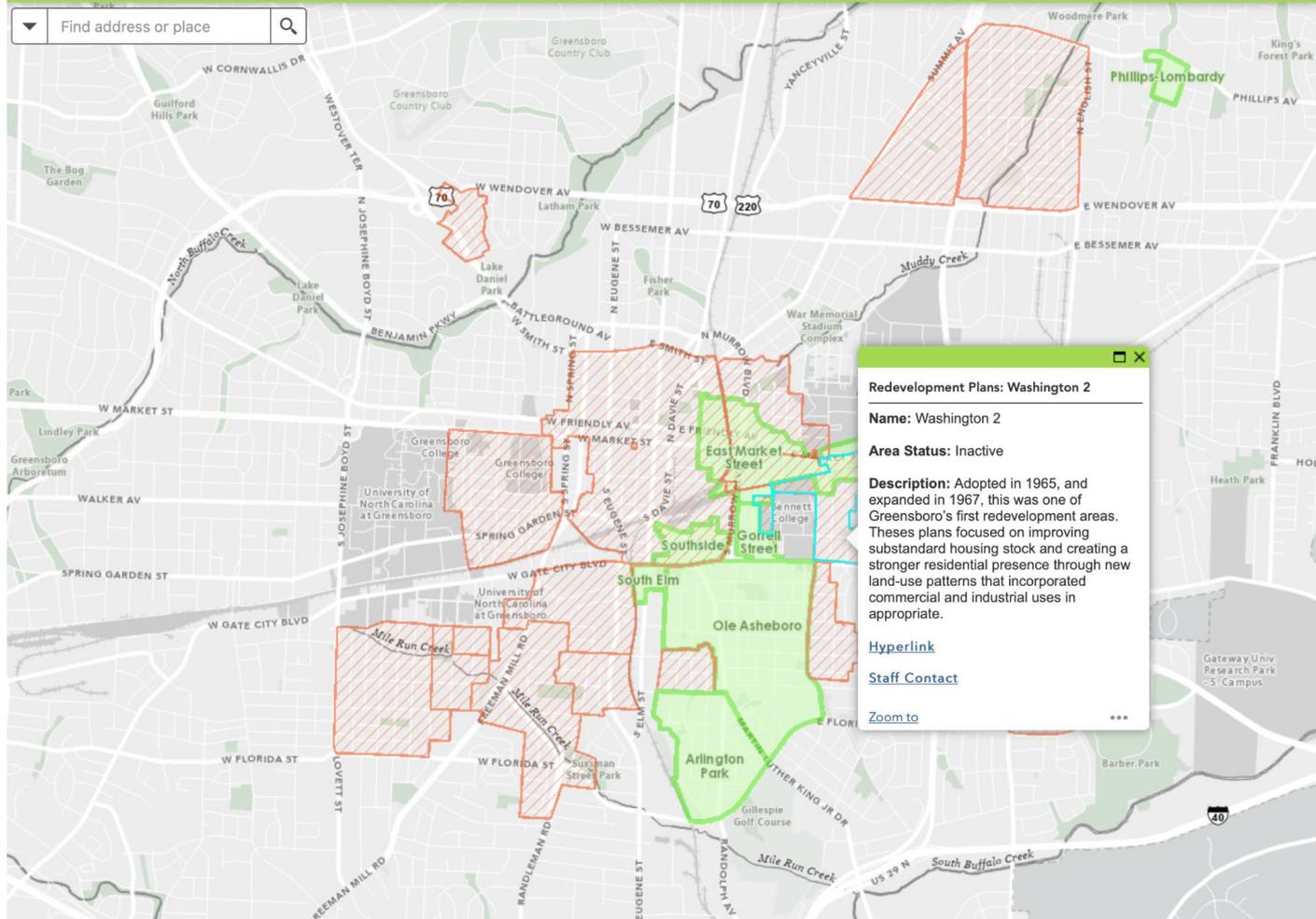
Search result

Scott Park, Greensboro, NC, USA

Zoom to

Greensboro Redevelopment Areas

Other Maps and Apps

Redevelopment Plans: Washington 2

Name: Washington 2

Area Status: Inactive

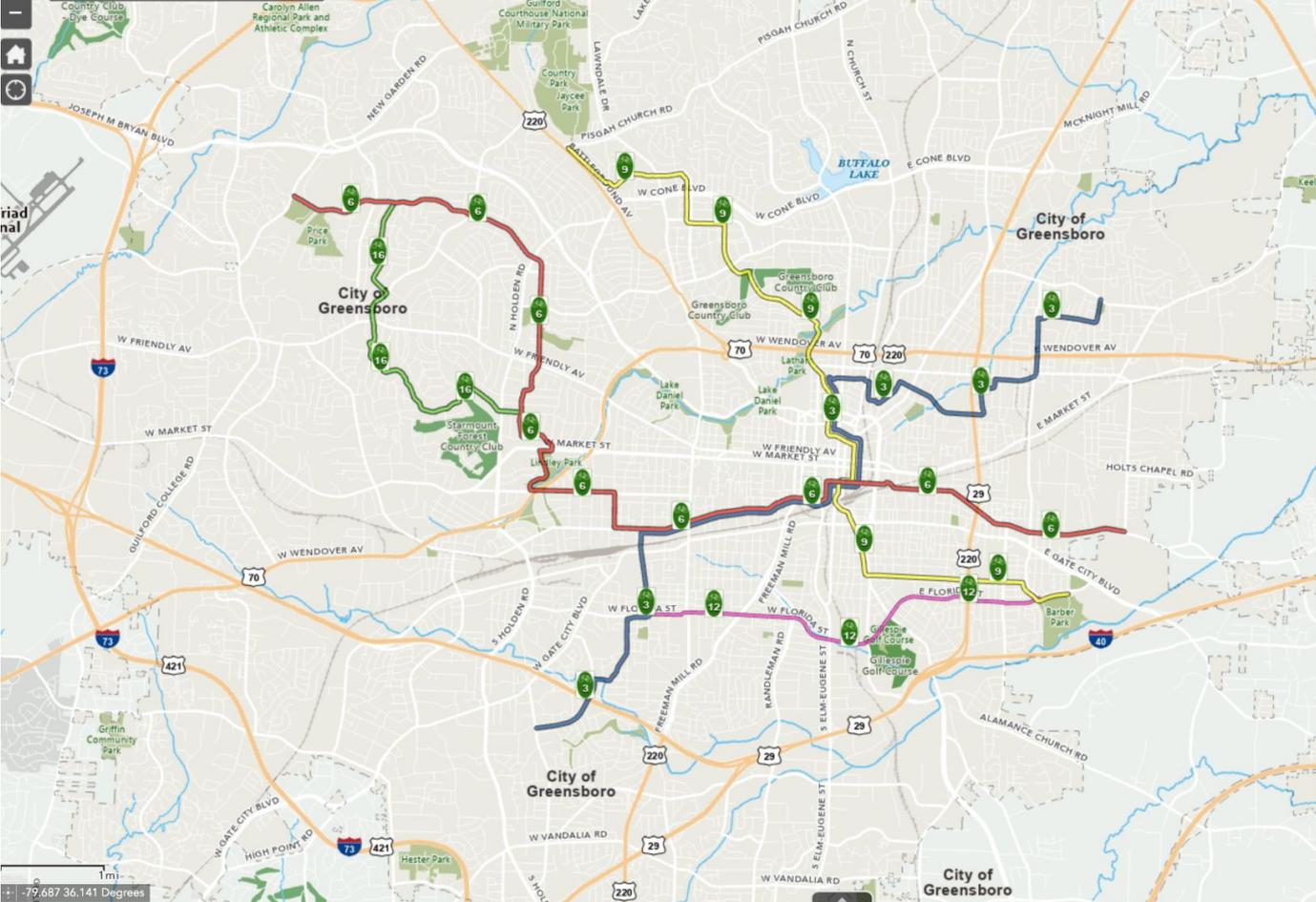
Description: Adopted in 1965, and expanded in 1967, this was one of Greensboro's first redevelopment areas. These plans focused on improving substandard housing stock and creating a stronger residential presence through new land-use patterns that incorporated commercial and industrial uses in appropriate.

[Hyperlink](#)

[Staff Contact](#)

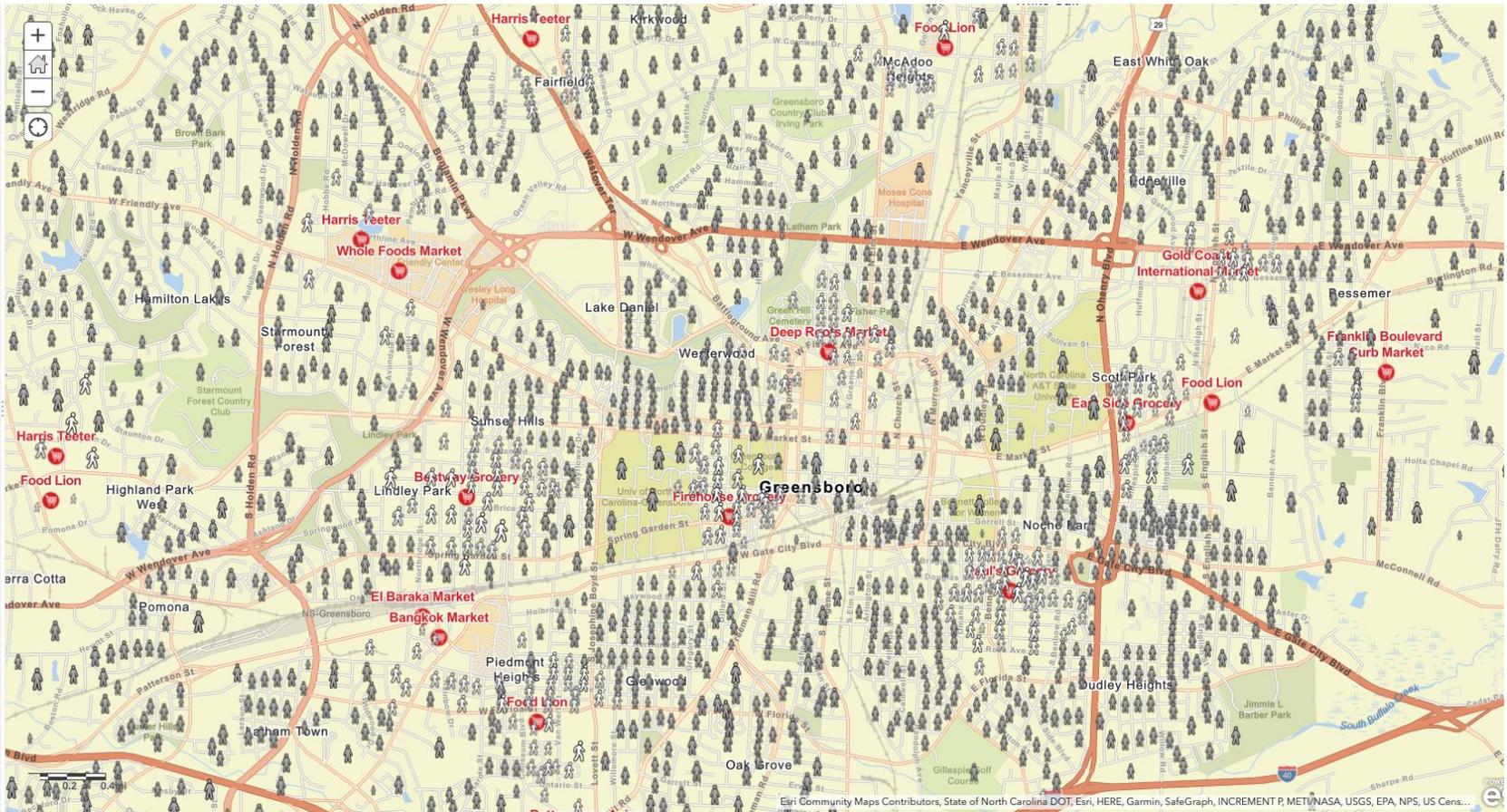
[Zoom to](#)

Find address or place



Legend

- ### Signed Bicycle Routes
- GDOT Bike Routes
- Route Number 12 - Florida Connector
 - Route Number 16 - Hamilton Lakes Connector
 - Route Number 3 - Four Seasons to Peeler
 - Route Number 6 - Jefferson Village to A&T Farm
 - Route Number 9 - Lewis to Barber



Legend

Populated Census Blocks

Walkable (Y/N)
 N
 Y

Population
 > 50
 40
 30
 15
 < 5

Trust Center
 Report Abuse
 Contact Esri
 Contact Us

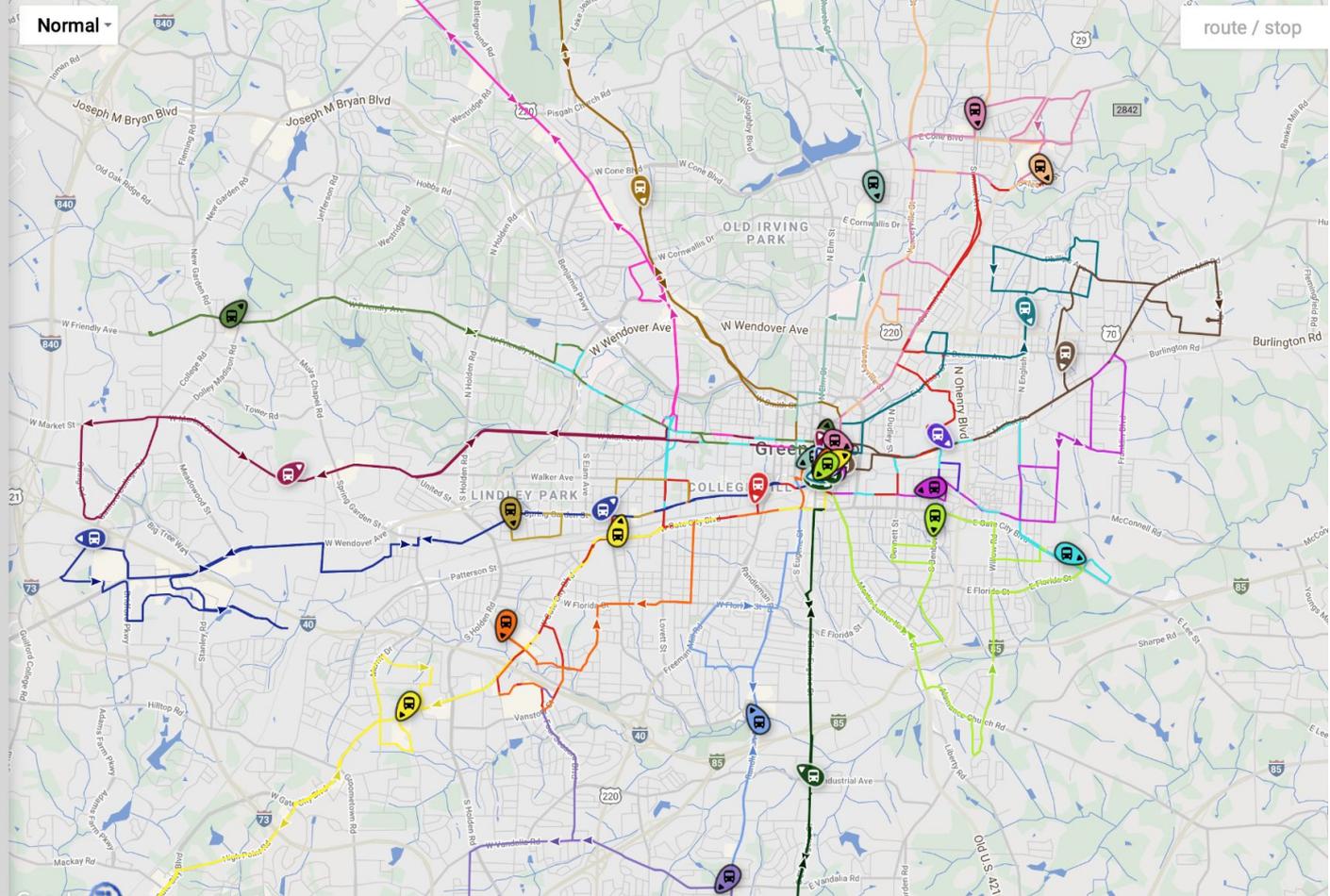
Route Display all none

Routes

- 1 Spring Garden/W Wendover
- 2 Four Seasons
- 3 N Elm/Church
- 4 MLK Jr/Benbow/Willow
- 5 Gorrell Street
- 6 Summit Avenue
- 7 Friendly Avenue
- 8 Battleground Avenue
- 9 West Market Street
- 10 East Market St.
- 11 Gate City Blvd
- 12 S. Elm-Eugene
- 12-A South Town Connector
- 13 Randleman
- 14 Bessemer Ave./Phillips Ave.
- 15 Yanceyville St./Brightwood School Rd.
- 17 Lawndale Drive
- 71 HEAT East - West
- 72 HEAT City
- 73 HEAT UNCG
- 75 HEAT NC A&T

Service Alerts

- ! UMO App Update/Touchpass App ...



Normal

route / stop

William Edward Burghardt DuBois (WEB DeBois) in *The Philadelphia Negro: A Social Study*—1899

In Philadelphia, as elsewhere in the United States, the existence of certain peculiar social problems affecting the Negro people are plainly manifest...The student of these questions must first ask, What is the real condition of this group of human beings?... Further the student must clearly recognize that a complete study must not confine itself to the group, but must specially notice the environment; the physical environment of city, sections and houses, the far mightier social environment--the surrounding world of custom, wish, whim, and thought which develops this group and powerfully influences its social development.

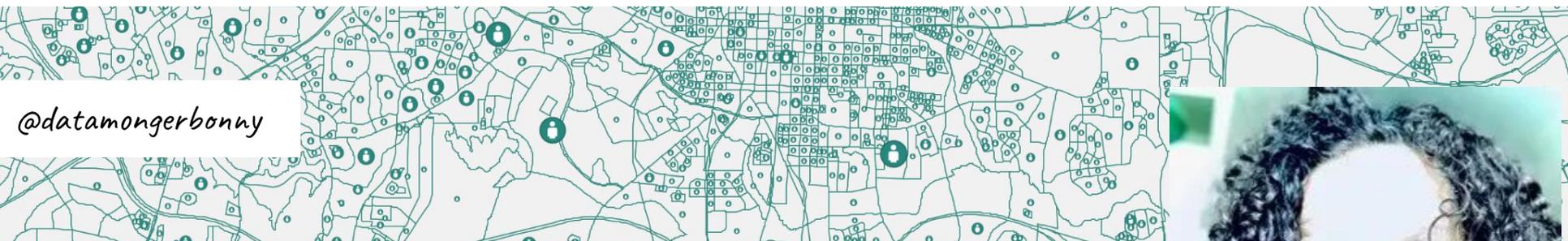
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