

NC Community Data – Where to Find and How to Use It

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CAROLINA
POPULATION CENTER

CAROLINA
DEMOGRAPHY

About Carolina Demography: What we do



Data Acquisition

We know where to find relevant data and can translate complex information based on the questions you need to answer. (We can also help you determine what questions to answer.)



Custom Population Estimates and Projections

Using Stata, SAS and R, we can project populations or school enrollments that give insight into how your community will shift in the coming years.



Data Analysis and Interpretation

We can identify potential policy responses to demographic change and analyze the impact of current or proposed policies on specific populations.



Workshops, Trainings and Presentations

We convene and engage your stakeholders and decision-makers to facilitate understanding and dialogue and strengthen the capacity of your organization to communicate data-driven ideas.

About Carolina Demography: What we do

We help leaders throughout our state answer the question: **Where is North Carolina heading?**

Located within the Carolina Population Center at UNC-Chapel Hill, we use population-level data and other available research to provide context and perspective to people working to shape North Carolina's future.

Sources of demographic data

(click on images on slides to go to associated websites)

Census Bureau data portal

Explore Census Data

The Census Bureau is the leading source of quality data about the nation's people and economy.

 × SEARCH

[Advanced Search](#) [Help](#) [Feedback](#)

Contains:

- American Community Survey
- Census population estimates
- Economic Census
- Limited business data

Alternative to census.data.gov



- **Requires paid subscription – available to UNC faculty, staff and students**
- **Greater variety in data sources than data.census.gov**

Contains:

- American Community Survey
- Census population estimates
- Economic Census
- COVID-19 data
- Fair Market Rent data from HUD
- US Building Permits Survey
- County Business Patterns
- Workforce indicators
- Others

NC Social Determinants of Health by Region

North Carolina Social Determinants of Health by Regions



About

Region 1

Region 2

Region 3

Region 4

Region 5

Region 6

Region 7

Region 8

Region 9

Region 10

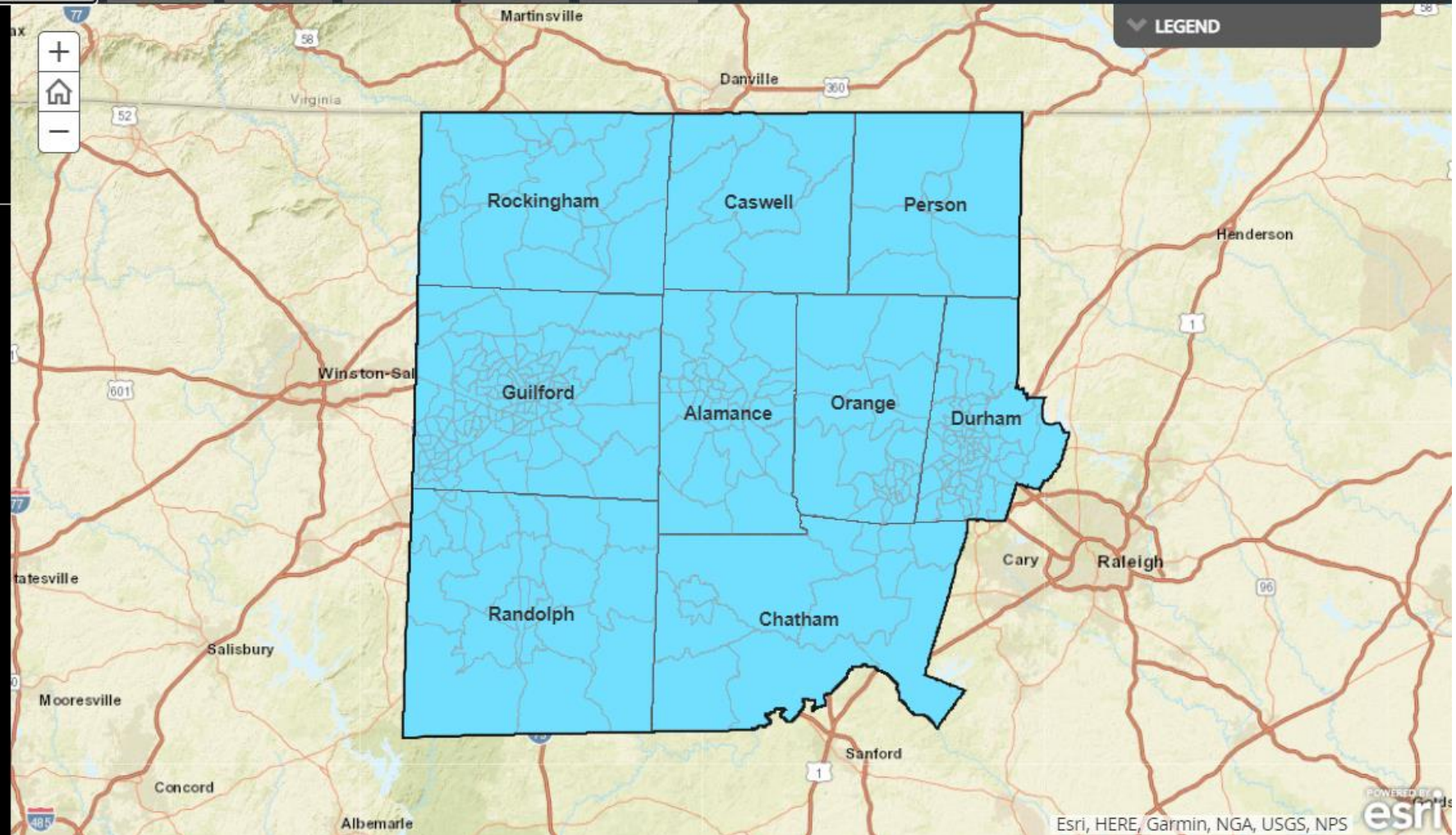
A story on health influences



NC Social Determinants of Health - Local Health Departments Region 5

This story map displays a set of indicators along with an overall index to help understand the geographic disparities in the social determinants of health. These data are tabulated at the U.S. Census Tract level and are from the *U.S. Census American Community Survey 2016 5-year estimates (2012-2016)*. The data on food access is from the USDA Food and Nutrition Service, (Update 2015 based on 2010 Census).

This story map is based on work first done at the University of North Carolina Gillings School of Public Health and the Carolinas HealthCare System.



Local data portal from NC OSBM



LINC (Log into North Carolina):

- Data from local agencies
- Census Bureau data

State demographer data:

- Population estimates
- Population projections
(**only place for state- and local-level population projections**)

Labor market data



NC DEPARTMENT
of COMMERCE
LABOR & ECONOMIC
ANALYSIS



NC LEAD/Bureau of Labor Statistics data:

- Local Area Unemployment Statistics (LAUS)
- Current Employment Statistics (CES)
- Quarterly Census of Employment and Wages (QCEW)
- Occupational Employment and Wages (OEWS)

Environmental data



Air Quality Research

RESEARCH, SCIENCE, DATA,
AIR



Coastal Management Research

RESEARCH, SCIENCE, DATA,
COAST



Geological Survey Research

ENERGY, MINERAL, LAND,
RESEARCH, SCIENCE, DATA



Environmental Assistance and Customer Service Research

RECYCLING, COMPOSTING,
RESEARCH, SCIENCE, DATA



Marine Fisheries Research

RESEARCH, SCIENCE, DATA,
FISHERY, OCEAN, ESTUARINE



Mitigation Research

RESEARCH, SCIENCE, DATA,
MITIGATION, RIVER, LAKE,
STREAM



Waste Management Research

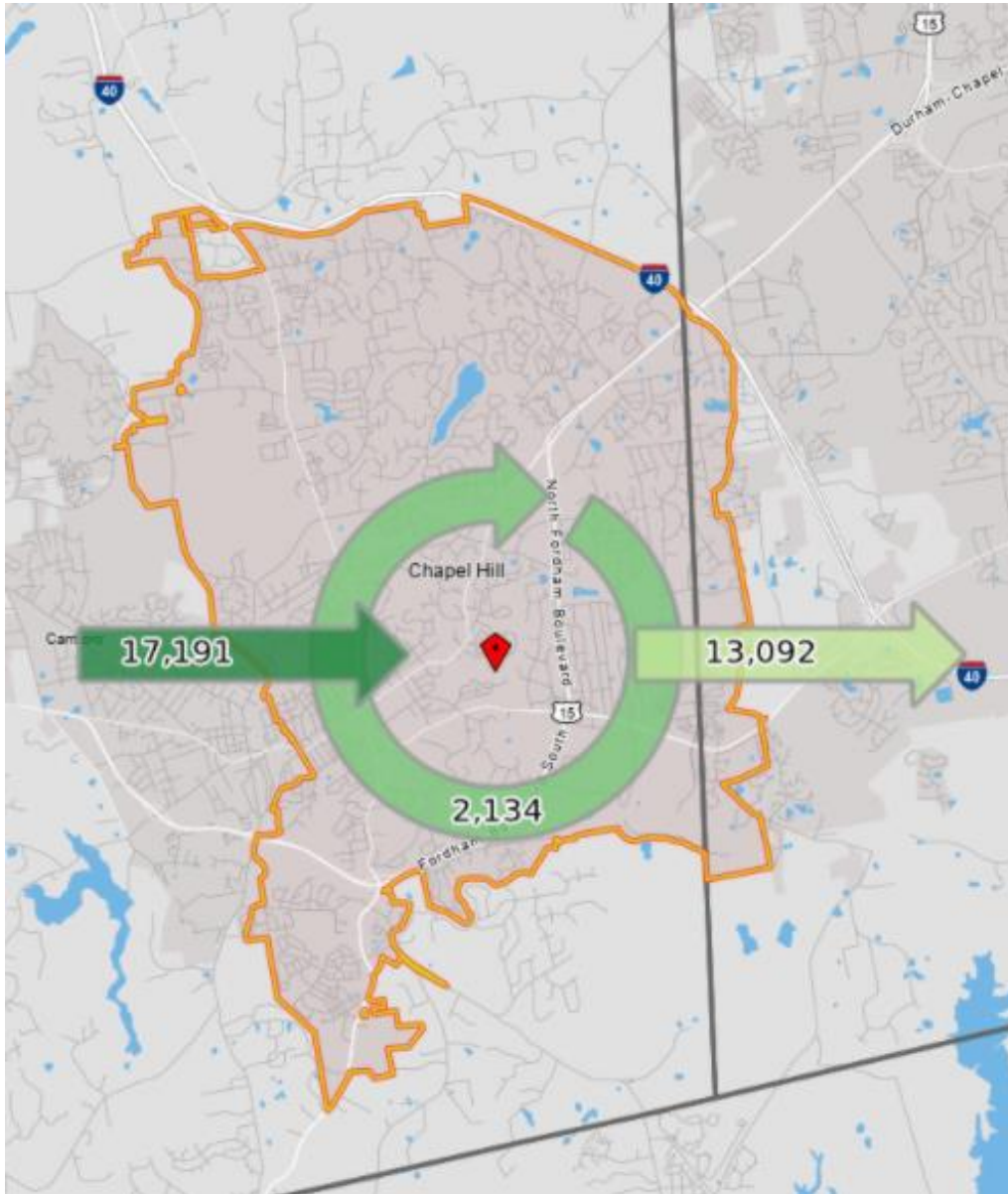
RESEARCH, WASTE, SCIENCE,
DATA



Water Resources Research

RESEARCH, SCIENCE, DATA,
RIVERS, LAKES,
GROUNDWATER

Commuting patterns (Census OnTheMap)



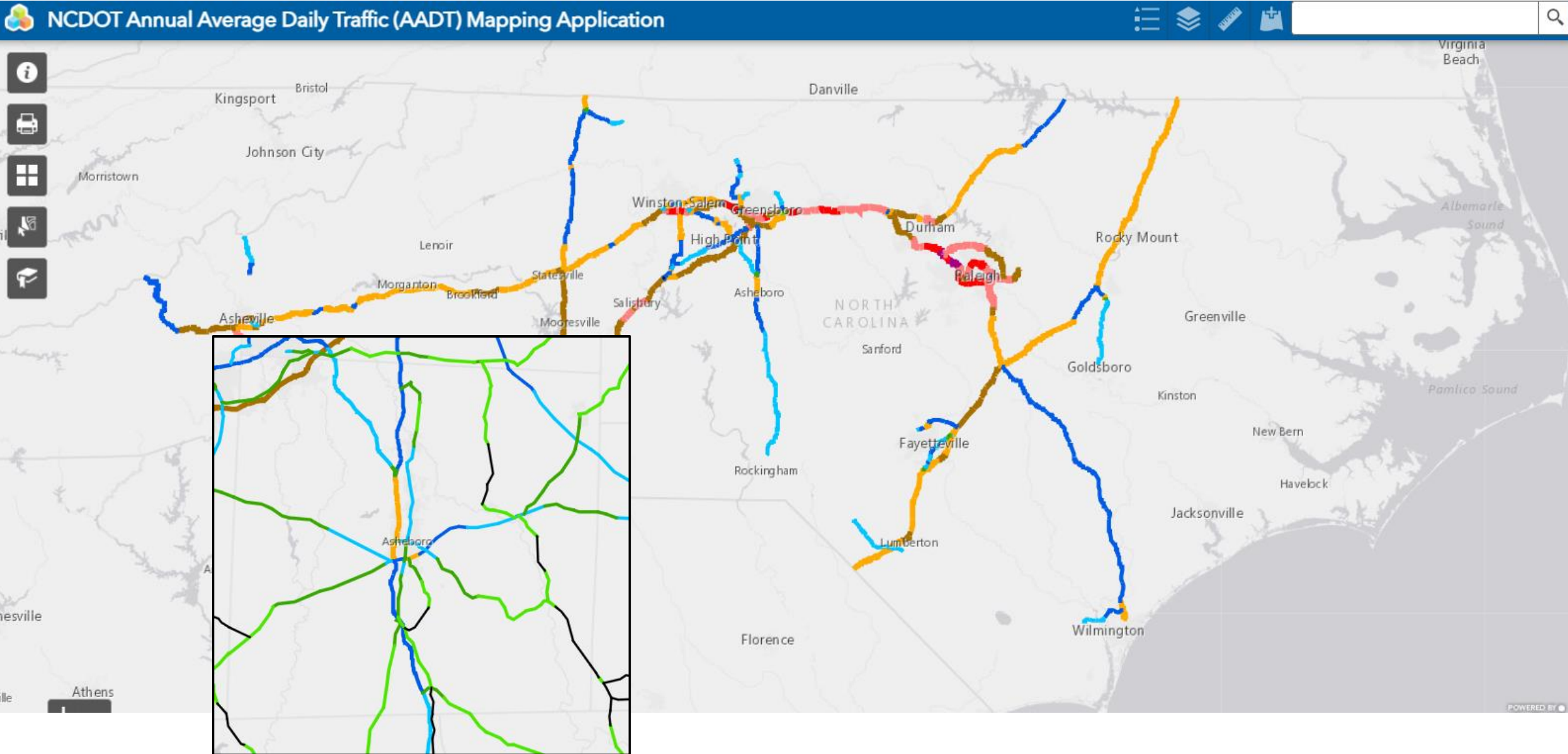
Commuting data from Census Bureau:

- Available in dataset form or interactively from OnTheMap

Contains:

- Worker inflow/outflow
- Job commuting patterns by income, age, and industry type
- Labor market data

Traffic volume



Transportation Safety



NCDOT Crash Data:

- [Vehicular \(data and GIS shapefiles\)](#)
- [Pedestrians](#)
- [Bicyclists](#)

Spatial data



Sign In



NC Dept. of Environmental Quality Online GIS

NC Dept. of Environmental Quality Online GIS

Explore North Carolina's Environment Through Spatial Data

Spatial data



Health data



North Carolina State Center
for Health Statistics



County Health Rankings from Robert Wood Johnson Foundation

- Health outcomes and factors rankings including:
 - Length of life
 - Quality of life
 - Physical environment
 - Clinical care
 - Health behaviors
 - Socioeconomic factors

NC State Center for Health Statistics:

- Vital statistics, such as births, deaths, pregnancy rates, mortality rates
- Behavioral Risk Factor Surveillance Survey (BRFSS)
- County-level indicators on cancer incidence rates, infant mortality, life expectancy, others

Education data



MyFutureNC and Carolina Demography county education profiles:

- Key transition points across K-12 and postsecondary education:
 - K-12 student population in traditional vs. charter schools
 - Households with broadband
 - Child poverty rate
 - Workforce development indicators
 - Labor market outcomes

North Carolina School Report Cards:

- Individual school rankings:
 - % students that are economically disadvantaged
 - Student enrollment sizes
 - Per pupil sources of funding

Ideas for identifying community indicators

Charlotte/Mecklenburg

Quality of Life Explorer



Explore community data portals of larger NC municipalities:

- Charlotte/Mecklenburg Quality of Life Explorer
- Durham Neighborhood Compass
- Chapel Hill Open Data

Typical indicators:

- Commuting patterns
- Residential recycling/solid waste
- Health indicators
- Transportation
- Schools and education data

COVID-19 Resources

- U.S. Census Bureau
 - COVID-19 Demographic & Economic Resources
 - Household Pulse Survey
 - Small Business Pulse Survey
- NC COVID-19
- NC DHHS COVID-19 North Carolina Dashboard
- UNC Gillings School of Global Public Health COVID-19 Dashboard
- NC Chamber COVID-19 Tracking

Work With Us

What questions do you have
about your community?

What data do you need to make
better decisions?



Email: demography@unc.edu



Twitter: [@ncdemography](https://twitter.com/ncdemography)



Web: ncdemography.org