



SOUTHEAST SUPPLY ENHANCEMENT PROJECT

Draft Community Profile

North Carolina Department of Environmental Quality
July 28, 2025

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In conducting this analysis, the Community Engagement Program pursues DEQ's mission to "Provide science-based environmental stewardship for the health and prosperity of all North Carolinians."



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Executive Summary

Objective

The primary goal of this Community Profile is to encourage comments and suggestions from the surrounding community, industry, and environmental groups throughout the comment period for all relevant permit applications for the Southeast Supply Enhancement Project. Using available data from sources including the US Census Bureau, Environmental Protection Agency (US EPA), and Centers for Disease Control (CDC), the report provides recommendations for appropriate enhanced public outreach and engagement to facilitate public input. Specifically, this report highlights census tracts in direct proximity to the Southeast Supply Enhancement Project pipeline and compressor stations and the potential for community concerns.

Key Findings

Based on this report's analysis and using North Carolina Department of Environmental Quality (NCDEQ) Potentially Underserved Block Groups (on the basis of race, ethnicity, and poverty) and standard guidelines established by the US EPA and in National Environmental Policy Act (NEPA) documentation, the potential community concerns for particular populations within an area of interest of the Southeast Supply Enhancement Project have been identified as follows:

Compressor Station 150

- **Race and Ethnicity:**

The following race/ethnic population categories:

- o Black or African American
- o Asian
- o Native Hawaiian or Other Pacific Islander
- o Some other race
- o Two or more races

- **Tribal Communities:**

- o Metrolina Native American Association

- **Age and Sex:**

- o Populations of individuals 65 years or older in
 - Iredell County Census Tract 614.07
 - Mecklenburg County Census Tract 62.16
- o Populations of individuals 5 years or younger in
 - Iredell County Census Tract 614.07.

- **Disability:** Populations living with a disability in Iredell County Census Tract 614.04.

- **Poverty:** Populations below the poverty level in Mecklenburg County Census Tract 64.03.

Compressor Station 155

- **Race and Ethnicity:**

The following race/ethnic population categories:

- o Black or African American
- o Hispanic or Latino
- o Asian

- o Two or more races
- **Tribal Communities:**
 - o Guilford Native American Association
- **Age and Sex:**
 - o Populations of individuals 65 years or older in
 - Davidson County Census Tract 612.02
 - o Populations of individuals 5 years or younger in
 - Davidson County Census Tracts 603.04 and 617.05.
- **Limited English Proficiency:** Spanish-speaking households with limited English proficiency in Davidson County Census Tract 612.02.
- **Disability:** Populations living with a disability in Davidson County Census Tracts 603.03 and 612.02.
- **Education:** Populations of individuals at least 18 years and older whose highest educational attainment is less than a high school graduate (or equivalent) in Davidson County Census Tracts 603.03, 603.04, 612.02, and 617.05.
- **Poverty:** “Low income” populations in the project area.

Eden Loop

- **Race and Ethnicity:**
 - o Total people of color populations in Rockingham County Census Tract 402.
 - o The following race/ethnic population categories:
 - Black or African American
 - Hispanic or Latino
 - Asian
 - Native Hawaiian or Other Pacific Islander
 - Two or more races
 - Some other race
- **Tribal Communities:**
 - o Guilford Native American Association
- **Age and Sex:**
 - o Populations of individuals 65 years or older in:
 - Rockingham County Census Tracts 401.01 and 411
 - o Populations of individuals 5 years or younger in:
 - Rockingham County Census Tract 402
- **Limited English Proficiency:** Spanish-speaking households with limited English proficiency in:
 - o Census Tract 402
- **Disability:** Populations living with a disability in Rockingham County Census Tracts 401.01, 402, and 411.
- **Education:** Populations of individuals at least 18 years and older whose highest educational attainment is less than a high school graduate (or equivalent) in Rockingham County and Census Tracts 401.01, 402, and 411.
- **Poverty:** Populations experiencing poverty below 200% of the poverty level and/or below the poverty level in Rockingham County Census Tracts 402 and 411.

- **Cumulative Impacts:** Rockingham County Census Tract 402 has a “high” potential for cumulative impacts.

Salem Loop

- **Race and Ethnicity:**
 - Total people of color populations in Forsyth County Census Tract 32.02.
 - The following race/ethnic population categories:
 - Black or African American
 - Hispanic or Latino
 - American Indian or Alaska Native
 - Asian
 - Native Hawaiian or other Pacific Islander
 - Some other race
 - Two or more races
- **Tribal Communities:**
 - Guilford Native American Association
- **Age and Sex:**
 - Populations of individuals 65 years or older in:
 - Forsyth County Census Tracts 32.02, 33.12, 33.14, and 33.15
 - Davidson County Census Tracts 601.04, 602.01, and 602.03
 - Populations of individuals 5 years or younger in:
 - Forsyth County Census Tract 33.15
 - Davidson County Census Tracts 601.04 and 602.03
- **Limited English Proficiency:** Spanish-speaking households with limited English proficiency in Forsyth County Census Tracts 32.02 and 33.15.
- **Disability:** Populations living with a disability in Forsyth County Census Tract 32.02 and Davidson County Census Tracts 602.01 and 602.03.
- **Education:** Populations of individuals at least 18 years and older whose highest educational attainment is less than a high school graduate (or equivalent) in
 - Guilford County Census Tracts 159.02 and 162.01
 - Forsyth County Census Tracts 32.02, 33.12, 33.15, and 34.02
 - Davidson County Census Tract 602.03
- **Poverty:** Populations experiencing poverty below 200% of the poverty level and/or below the poverty level in Forsyth County Census Tracts 32.02 and 34.02.

Recommendations

Based on the sociodemographic indicator analysis, the Community Engagement Program recommends the following outreach and engagement activities during the public participation period for the Southeast Supply Enhancement Project permit applications:

Compressor Station 150

- Develop public notices and one-page fact sheets with public comment and public hearing information.

- Consult with community leaders about other outreach recommendations including known organizations or leaders serving local American Indian communities.
- Mail or email public notices and one-page fact sheets to local sensitive receptors and representatives of Iredell County and the Town of Mooresville.
- Evaluate options to distribute one-page fact sheets in high-traffic community areas.
- Arrange a voicemail line to receive public comments.

Compressor Station 155

- Develop public notices and one-page fact sheets with public comment and public hearing information in English and Spanish.
- Consult with community leaders about other outreach recommendations including known organizations or leaders serving local American Indian communities.
- Mail or email public notices and one-page fact sheets in English and Spanish to local sensitive receptors and representatives of Davidson County.
- Evaluate options to distribute one-page fact sheets in English and Spanish in high-traffic community areas.
- Arrange an English and Spanish voicemail line to receive public comments.

Eden Loop

- Develop public notices and one-page fact sheets with public comment and public hearing information in English and Spanish.
- Consult with community leaders about other outreach recommendations including known organizations or leaders serving local American Indian communities.
- Mail or email public notices and one-page fact sheets in English and Spanish to local sensitive receptors and representatives of Rockingham County and the municipality of Eden.
- Evaluate options to distribute one-page fact sheets in English and Spanish in high-traffic community areas.
- Arrange an English and Spanish voicemail line to receive public comments.

Salem Loop

- Develop public notices and one-page fact sheets with public comment and public hearing information in English and Spanish.
- Consult with community leaders about other outreach recommendations including known organizations or leaders serving local American Indian communities.
- Mail or email public notices and one-page fact sheets in English and Spanish to local sensitive receptors and representatives of Guilford, Forsyth, and Davidson Counties and the municipalities of Oak Ridge, Kernersville, Wallburg, and Midway.
- Evaluate options to distribute one-page fact sheets in English and Spanish in high-traffic community areas.
- Arrange an English and Spanish voicemail line to receive public comments.

1. Introduction

The North Carolina Department of Environmental Quality (NCDEQ) and its Community Engagement Program maintains an ongoing interest in integrating protections for human health, vulnerable communities, the environment, and civil rights into its programs.

The Community Engagement Program at NCDEQ works to ensure the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation, and enforcement of environmental laws, regulations, programs, and policies.

The US EPA defines overburdened communities as a minority, low-income, tribal or indigenous populations, or communities in the United States that potentially experience disproportionate environmental harms and risks.¹ Disproportionality can result in greater vulnerability to environmental hazards, lack of opportunity for public participation, or other factors. Increased vulnerability may be attributable to an accumulation of negative environmental, health, economic, or social conditions within these populations or places.

The primary goal of this Community Profile is to encourage comments and suggestions from the surrounding community, industry, and environmental groups throughout the public participation period for the Southeast Supply Enhancement Project. Using available data from sources including the US Census Bureau, US EPA, and CDC, the report provides recommendations for appropriate enhanced public outreach and engagement to facilitate public input. Specifically, this report highlights demographic and health data for census tracts within the project area of the Southeast Supply Enhancement Project and the potential for community concerns.

2. Evaluation Approach

NCDEQ assesses the current permit conditions and the demographics of the communities in the area surrounding the facility. Accordingly, this Draft Community Profile includes:

- Permit information and facility history overview
- 2025 County economic well-being as determined by the NC Department of Commerce
- Sociodemographic analysis of census tracts within the project area and potential concerns based on a comparison of local area demographics to both county and statewide census data
- Presence or absence of state or federally recognized Tribes or Urban Indian Associations
- County health assessment from the County Health Rankings and Roadmaps and potential cumulative impacts
- Local sensitive receptors
- Conclusions and outreach recommendations

2.1 Sociodemographic Indicators

The Community Engagement Program examined the following sociodemographic indicators:

- Race and Ethnicity

¹ 2020 Glossary. Environmental Protection Agency (US EPA). <https://www.epa.gov/caa-permitting/what-definition-overburdened-community-relevant-epa-actions-and-promising-practices>.

- Age and Sex
- Disability
- Limited English Proficiency (LEP)
- Educational Attainment
- Poverty and Low-income

The sociodemographic indicators examined are in alignment with NCDEQ’s policy that no person shall, on the grounds of race, color, Tribal affiliation, national origin, sex, age, or disability be excluded from participation in, be denied the benefits of or be subjected to discrimination under Title VI of the Civil Rights Act of 1964, the Civil Rights Restoration Action of 1987, the Rehabilitation Act of 1973, and all other pertinent nondiscrimination laws and regulations.

Demographics for the state of North Carolina and its counties are compared to the census tracts on a local geographic scale using data available through the U.S. Census Bureau. Demographic data is assessed at a census tract level for all tracts within the following project areas defined for this report (see 4.1 for project area details):

- Air Quality Compressor Stations Permitting Areas
- Water Resources 401 Permitting Areas

See Appendix A for descriptions of all U.S. Census source data used in this report.

Race and Ethnicity

To analyze potential concerns based on race and ethnicity, the Community Engagement Program examined populations in the following U.S. Census-defined race (not Hispanic and Latino) and ethnicity categories:

- White
- Black or African American
- Hispanic or Latino (of any race)
- American Indian or Alaska Native
- Asian
- Native Hawaiian and Other Pacific Islander
- Some Other Race
- Two or More Races

Age and Sex

To analyze potential concerns based on age and sex, the Community Engagement Program examined populations of two different age categories for both males and females. The populations of greater than or equal to (\leq) 5 years old and greater than or equal to (\geq) 65 years old were examined because the Centers for Disease Control and Prevention (CDC) considers children and older adults to be vulnerable populations.²

² *Sensitive Populations and Chemical Exposure*. Centers for Disease Control and Prevention (CDC) and Agency for Toxic Substances Disease Registry (ATSDR). Archived September 27, 2024.
<https://web.archive.org/web/20240927202933/https://www.atsdr.cdc.gov/emes/public/docs/Sensitive%20Populations%20FS.pdf>

Disability

To analyze potential concerns based on disability status, the total civilian non-institutionalized population with a disability was examined.

To analyze potential concerns regarding accessibility to public information and public hearings concerning public health or environmental impacts of programs, policies, and activities the types of difficulties experienced by the total population with a disability was also examined.

Limited English Proficiency

Eleven language categories with limited English proficiency (LEP; speak English less than “very well”) ³ were analyzed. These LEP language categories are within the top LEP language categories in the state and are as follows (ordered by number of LEP speakers present in NC):

- Spanish
- Other Indo-European Languages
- Other Asian and Pacific Island Languages
- Chinese (including Mandarin and Cantonese)
- Vietnamese
- Arabic
- Russian, Polish or other Slavic Languages
- French (including Cajun)
- Korean
- Tagalog (including Filipino)
- German or other West Germanic languages

To analyze potential concerns regarding accessibility to public information concerning public health or environmental impacts of programs, policies, and activities, these identified populations with LEP were examined.

Educational Attainment

To analyze potential concerns based on socioeconomic status, populations with the highest level of level of educational attainment being a high school graduate or equivalent or lower were examined for adults of 25 years or older. Populations where the highest level of educational attainment being high school graduate or lower were also examined for populations between 18 and 24 years old.

Poverty and Low-income

To analyze potential concerns based on income levels, populations below the poverty level and 'low income' populations were examined. Poverty status is determined by annual income relative to the number of individuals and dependents living in a household. The poverty level for 2023 was defined as having a household income less than \$15,480 for a household with one individual or having a household income of less than \$31,200 for a household with four individuals.⁴ The U.S. Census Bureau considers a household to be all individuals that occupy a housing unit as their usual place of residence.⁵ Analyzed

³ Table B16001 2021: ACS 5-Year Estimates. U.S. Census Bureau.

<https://data.census.gov/table/ACSDT1Y2022.B16001?t=Language+Spoken+at+Home&g=040XX00US37>

⁴ <https://www.census.gov/library/publications/2024/demo/p60-283.html>

⁵ Household Definition. (n.d.). In *US Census Bureau Glossary*. <https://www.census.gov/glossary/?term=Household>.

poverty data from the U.S. Census Bureau considered total populations in poverty as a count of individuals, which had already been determined on a household level according to these guidelines.

The US EPA assesses income and poverty conditions using the threshold of “low income.” Low income is defined as a household income below twice the federal poverty level.⁶ The low-income level for 2023 was defined as having a household income less than \$30,960 for a household with one individual or having a household income of less than \$62,400 for a household with four individuals. The US Census Bureau labels this value as “below 200% of the poverty level.”

3. Permitting Information

3.1 Facility Details

The Southeast Supply Enhancement Project intends to alter or construct pipeline infrastructure, including transmission pathways and compressor stations, that may require additional environmental permitting. **Table 1** describes the types of permit applications submitted to NCDEQ related to the Southeast Supply Enhancement Project’s projected workplan.

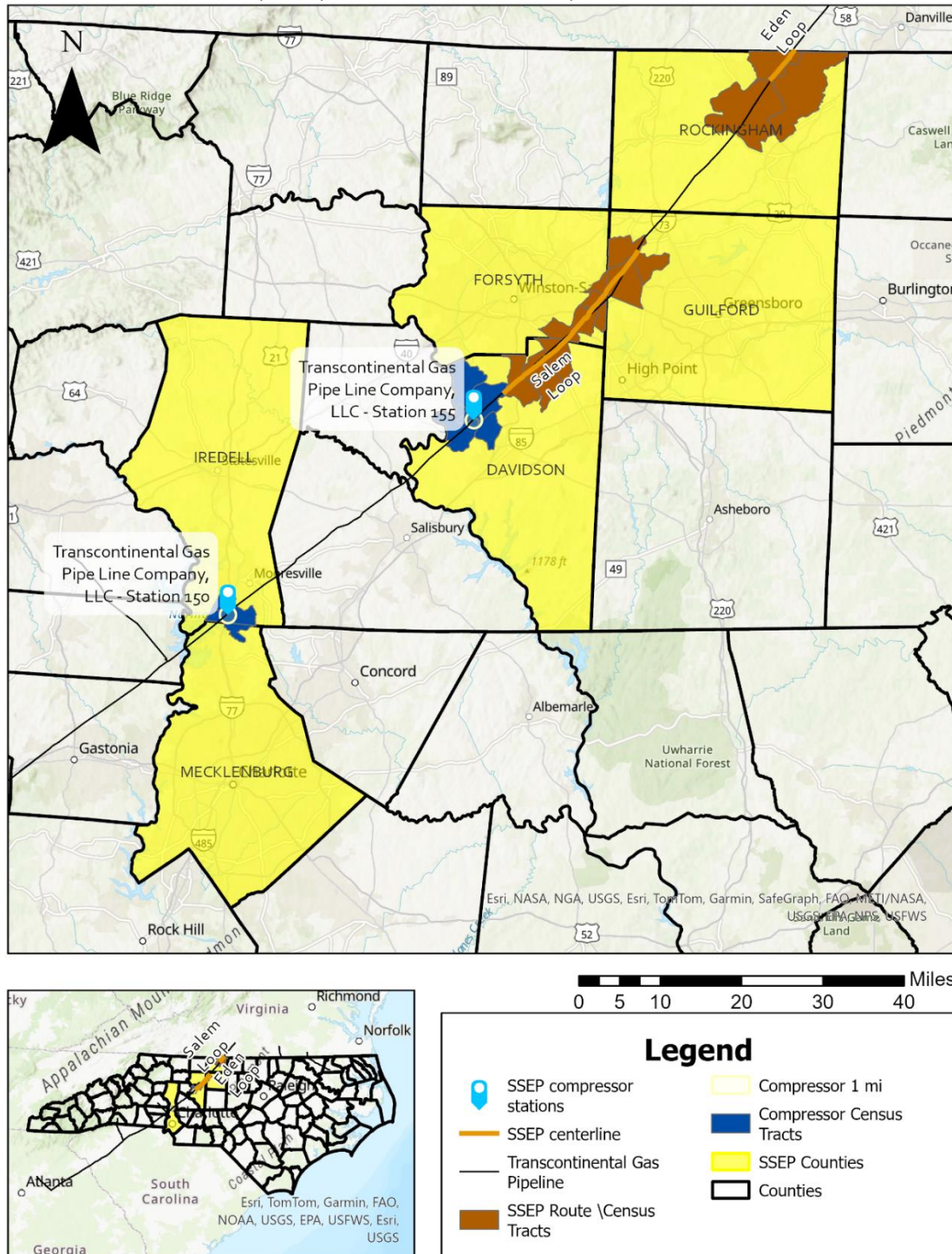
Table 1. Overview of environmental permits required by NCDEQ for Southeast Supply Enhancement Project

PERMITTING DIVISION	PERMIT TYPE	DESCRIPTION
Division of Air Quality	Title V Permit	The potential to emit over 100 ton/year of a single criteria air pollutant, 10 ton/year of a single hazardous air pollutant, or 25 ton/year combination of single hazardous air pollutant. Title V permits are administered by DAQ's Central Office Permitting Section.
Division of Water Resources	404 Water Quality Certification	Section 404 of the Clean Water Act (CWA) establishes a program to regulate the discharge of dredged or fill material into waters of the United States , including wetlands. Section 404 requires a permit before dredged or fill material may be discharged into waters of the United States, unless the activity is exempt from Section

⁶ U.S. Department of Energy. (2024). Weatherization assistance for low-income persons, 10 C.F.R. § 440.3. <https://www.ecfr.gov/current/title-10/chapter-II/subchapter-D/part-440/section-440.3>

		404 regulation (e.g., certain farming and forestry activities).
Division of Energy, Mineral, and Land Resources	NCG01 Construction Stormwater permit	Construction activities that disturb more than an acre of land are required to get an approved Erosion and Sedimentation Control Plan (E&SC) and coverage under the Construction General Stormwater Permit (NCG01)

Figure 1. Overview of Transcontinental Gas Pipeline structure across North Carolina with areas of effect for Eden Loop, Salem Loop, Compressor Station 150, and Compressor Station 155



3.2 Air Quality Permit Details

Compressor Station 150

(Facility ID: 4900225)

On April 21, 2025, Transcontinental Gas Pipe Line Company, LLC (Transco) applied to modify Air Quality Permit No. 08044T20 for Compressor Station 150, at 236 Transco Road, Mooresville in Iredell County. The application proposes the construction of two new emission sources:

- One 125 million Btu-per-hour natural gas-fired combustion turbine
- One 2,500-horsepower four-stroke lean-burn natural gas-fired emergency generator

This application also includes two new insignificant activities, as defined in 15A NCAC 02Q .0503(8), associated with the combustion turbine:

- Component fugitive emissions
- Compressor blowdowns

These proposed units would be added to the following existing permitted sources:

- One 107.9 million Btu-per-hour natural gas-fired combustion turbine
- Two 199.5 million Btu-per-hour natural gas-fired combustion turbines
- Two 1,468-horsepower four-stroke lean-burn natural gas-fired emergency generators

Station 150 is classified as a Title V facility, even though its potential annual emissions of all criteria pollutants are below the 100 tons-per-year threshold, following the recent removal and replacement of legacy combustion engines. The facility is also classified as a minor stationary source under Prevention of Significant Deterioration (PSD) regulations, and an area source for hazardous air pollutant (HAP) permitting. This application is not expected to change these classifications.

Station 150 will be subject to several federal standards. The emergency engines are subject to National Emissions Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines (40 CFR Part 63, Subpart ZZZZ) and New Source Performance Standards (NSPS) for Stationary Spark Ignition Internal Combustion Engines (40 CFR Part 60, Subpart JJJJ). The new combustion turbine is subject to NSPS for Stationary Combustion Turbines (40 CFR Part 60, Subpart KKKK) and Crude Oil and Natural Gas Facilities for Which Construction, Modification, or Reconstruction Commenced After December 6, 2022 (40 CFR Part 60, Subpart OOOOb).

As part of the application, the facility submitted a toxics modeling demonstration for acrolein, benzene, and formaldehyde. Although the emergency generator is subject to NESHAP 40 CFR Part 63, Subpart ZZZZ, and therefore exempt from air toxics permitting, the facility has included the emissions of all exempt sources in its air dispersion model for compliance purposes. The demonstration showed no violations of the Acceptable Ambient Levels (AALs) for any of these three toxic air pollutants (TAPs). All other pollutants are expected to be emitted at rates below the applicable Toxics Permitting Emission Rates (TPERs).

The air quality permit application for this compressor station remains under review by DEQ's Division of Air Quality, and the information presented here is subject to change pending finalization of that review.

Compressor Station 155

(Facility ID: 2300900)

On April 21, 2025, Transcontinental Gas Pipe Line Company, LLC (Transco) applied to modify Air Quality Permit No. 10589R00 for Compressor Station 155, at 650 Becky Hill Road, Lexington in Davidson County. The application proposes the construction of six new emission sources:

- One 168.65 million Btu-per-hour and two 207.99 million Btu-per-hour natural gas-fired combustion turbines
- Three new 2,102-horsepower four-stroke lean-burn natural gas-fired emergency generators

This application also includes new insignificant activities, as defined in 15A NCAC 02Q .0503(8), associated with the three combustion turbines:

- Component fugitive emissions
- Compressor blowdowns

These proposed units would be added to the following existing permitted sources:

- One 200.58 million Btu-per-hour natural gas-fired combustion turbine
- One 2,102-horsepower four-stroke lean-burn natural gas-fired emergency generator

Station 155 currently operates as a minor source under a state air quality permit and the potential emissions from its permitted emission sources are less than 100 tons per year. Following the modification the facility will be classified as Title V. Pursuant to 15A NCAC 02Q .0504(c), the facility will be required to submit its first-time Title V permit application within 12 months of commencement of operations under the modification. The facility will also be classified as a minor stationary source under Prevention of Significant Deterioration (PSD) regulations, and an area source for hazardous air pollutant (HAP) permitting.

Station 155 will be subject to several federal standards. The emergency engines are subject to National Emissions Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines (40 CFR Part 63, Subpart ZZZZ) and New Source Performance Standards (NSPS) for Stationary Spark Ignition Internal Combustion Engines (40 CFR Part 60, Subpart JJJJ). The new combustion turbines are subject to NSPS for Stationary Combustion Turbines (40 CFR Part 60, Subpart KKKK), Crude Oil and Natural Gas Facilities for Which Construction, Modification, or Reconstruction Commenced After September 18, 2015 and On or Before December 6, 2022 (40 CFR 60, Subpart OOOOa), and Crude Oil and Natural Gas Facilities for Which Construction, Modification, or Reconstruction Commenced After December 6, 2022 (40 CFR 60, Subpart OOOOb).

As part of the application, the facility submitted a toxics modeling demonstration for acrolein, benzene, and formaldehyde. Although the emergency generators are subject to NESHAP 40 CFR Part 63, Subpart ZZZZ, and therefore exempt from air toxics permitting, the facility has included the emissions of all exempt sources in its air dispersion model for compliance purposes. The demonstration showed no violations of the Acceptable Ambient Levels (AALs) for any of these three toxic air pollutants (TAPs). All other pollutants are expected to be emitted at rates below the applicable Toxics Permitting Emissions Rates (TPERs).

The air quality permit application for this compressor station remains under review by DEQ's Division of Air Quality, and the information presented here is subject to change pending finalization of that review.

3.3 Water Resources Permit Details

Transcontinental Gas Pipe Line Company, LLC (Transco) has applied to the North Carolina Department of Environmental Quality Division of Water Resources for an Clean Water Act Section 401 Individual Water Quality Certification, a Jordan Lake Riparian Buffer Authorization, and a Randleman Lake Riparian Buffer Authorization in connection with the proposed construction of a pipeline known as the Southeast Supply Enhancement Project (SSEP): [Application](#).

The pipeline is a proposed expansion of Transco's existing gas transmission pipeline to remove capacity constraints between Virginia and Alabama. In North Carolina the project proposes construction of approximately 4.4 miles of 42-inch diameter pipeline in Rockingham County and approximately 24.1 miles of 42-inch diameter pipeline in Guilford, Forsyth, and Davidson Counties. The project also includes modifications to Compression Facilities and other controls within North Carolina which will not impact any jurisdictional waters or state regulated riparian buffers.

According to the application, the pipeline is proposed to provide additional natural gas to suppliers to meet demand.

Along the route of the pipeline in North Carolina, the proposed pipeline project would temporarily impact 8,100 linear feet of jurisdictional intermittent and perennial streams and 11.2 acres of 404 jurisdictional wetlands related to the construction.

Two large stream crossings and one open water crossing are proposed to be installed underneath surface waters using the horizontal directional drill or conventional bore methods. In addition, two smaller streams will be avoided because they are adjacent to horizontal directional drill or conventional bore crossings of roadways. These types of installations avoid impacts to the surface water.

In all locations, Transco is proposing that once construction is complete, the ground surface, streams, and wetlands would be restored as near as practical to their pre-construction condition.

Projects that require a Clean Water Act Section 404 permit from the U.S. Army Corps of Engineers must also receive a 401 Water Quality Certification from the State in order for the federal permit to be valid. For a project to be issued a Certification, it must meet the following criteria:

1. Minimizes adverse impacts to surface waters and wetlands based on consideration of existing topography, vegetation, fish and wildlife resources, and hydrological conditions
2. Does not result in the degradation of groundwaters or surface waters
3. Does not result in secondary or indirect impacts, that cause or will cause a violation of downstream water quality standards and
4. Provides for replacement of permanent impacts through mitigation

The Division received Transco's current application for Certification and Authorization on June 12, 2025. On July 28, 2025, the Division issued a public notice announcing two public hearings would be held on September 2, 2025 and September 4, 2025. The public comment period for written comments will

remain open until October 6. The Director of the Division will make a final decision on the application in accordance with the timelines established in Session Law 2023-137.

4. Geographic Area

4.1 Project Areas

The Southeast Supply Enhancement Project proposes modifications to existing natural gas pipeline infrastructure in Rockingham, Guilford, Forsyth, and Davidson Counties as well as modifications to existing natural gas compressor stations in Davidson and Iredell Counties. The scope of potential environmental impacts of the project depends on the type of permitted activities occurring at a location. To capture the range of activities occurring across the pipeline route, this report will define different project areas for the type of permit to be issued.

The Division of Air Quality is responsible for permitting air emissions from compressor stations associated with the Southeast Supply Enhancement Project. For each compressor station, the Air Quality Project Area will be defined as the one-mile radius from the compressor station. There are two compressor stations associated with the Southeast Supply Enhancement Project:

- Compressor Station 150 – located in Iredell County
- Compressor Station 155 – located in Davidson County

The Division of Water Resources is responsible for permitting at stream and wetland crossings along the pipeline route. Due to the frequency of stream and wetland crossings along the entire route of the pipeline, the length of the pipeline will be considered the Water Resources Project Area. The Water Resources Project Area is further divided into two noncontiguous project areas:

- The Eden Loop – located in Rockingham County
- The Salem Loop – located in Guilford, Forsyth, and Davidson Counties

Demographics for the project area and census tracts intersecting the project area were analyzed for this report:

- **Table 2** and **Figure 2** summarize the geographic area and census tracts within a one-mile radius of Compressor Station 150.
- **Table 3** and **Figure 3** summarize the geographic area and census tracts within a one-mile radius of Compressor Station 155.
- **Table 4** and **Figure 4** summarize the geographic area and census tracts that intersect with the Eden Loop.
- **Table 5** and **Figure 5** summarize the geographic area and census tracts that intersect with the Salem Loop.

Table 2. Geographic area summary of Compressor Station 150

GEOGRAPHIC AREA SUMMARY – COMPRESSOR STATION 150			
Facility Address	236 Transco Rd, Mooresville, NC 28117		
Geographic Coordinates	35.52544, -80.85909		
County	Iredell		
Census Tract with the facility	614.07		
Census Tracts within a one-mile radius of facility	County	Census Tract	
	Iredell	614.04	
	Mecklenburg	62.16	
		64.03	
Located in a Potentially Underserved Community	No		
Located within one mile of a Potentially Underserved Community	No		
2025 County Distress Rankings	County	Tier	Rank
	Iredell	3	88
	Mecklenburg	3	84
Presence of State- or Federally recognized Tribes or Urban Indian Organizations	Metrolina Native American Association		

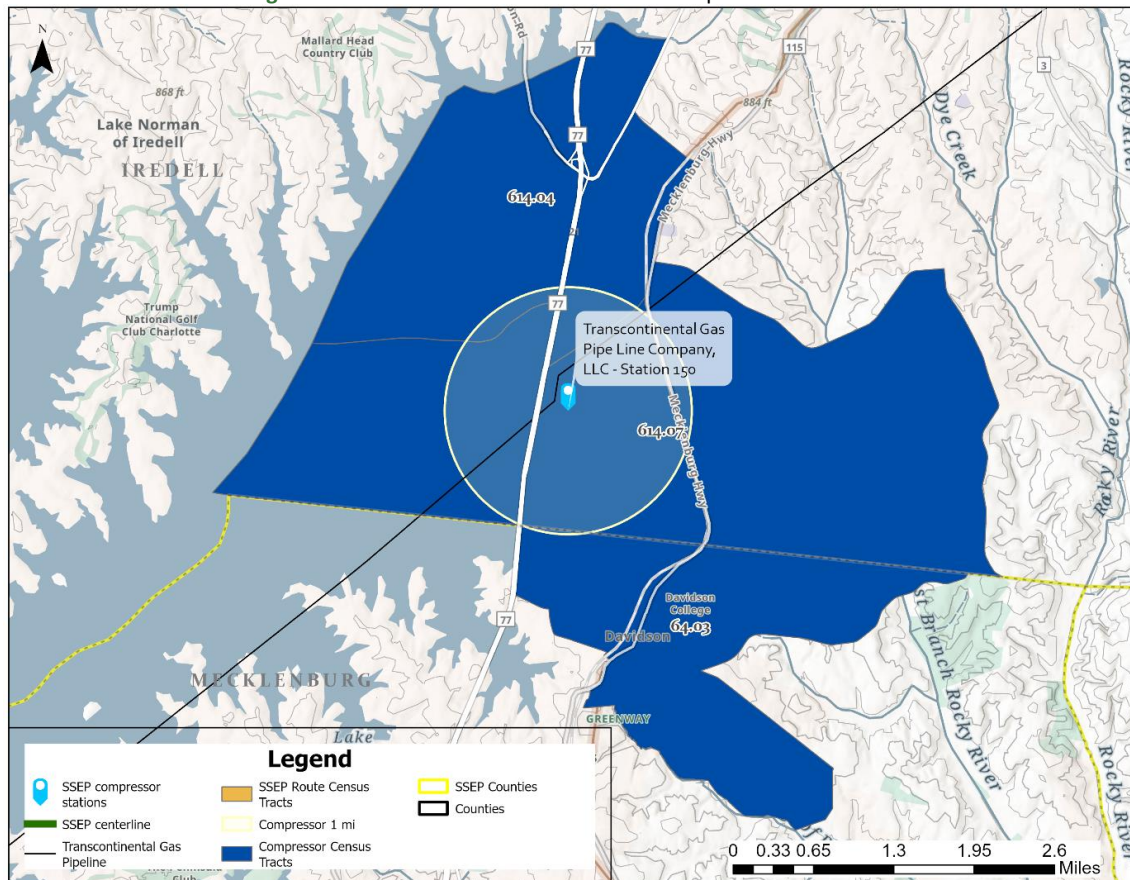
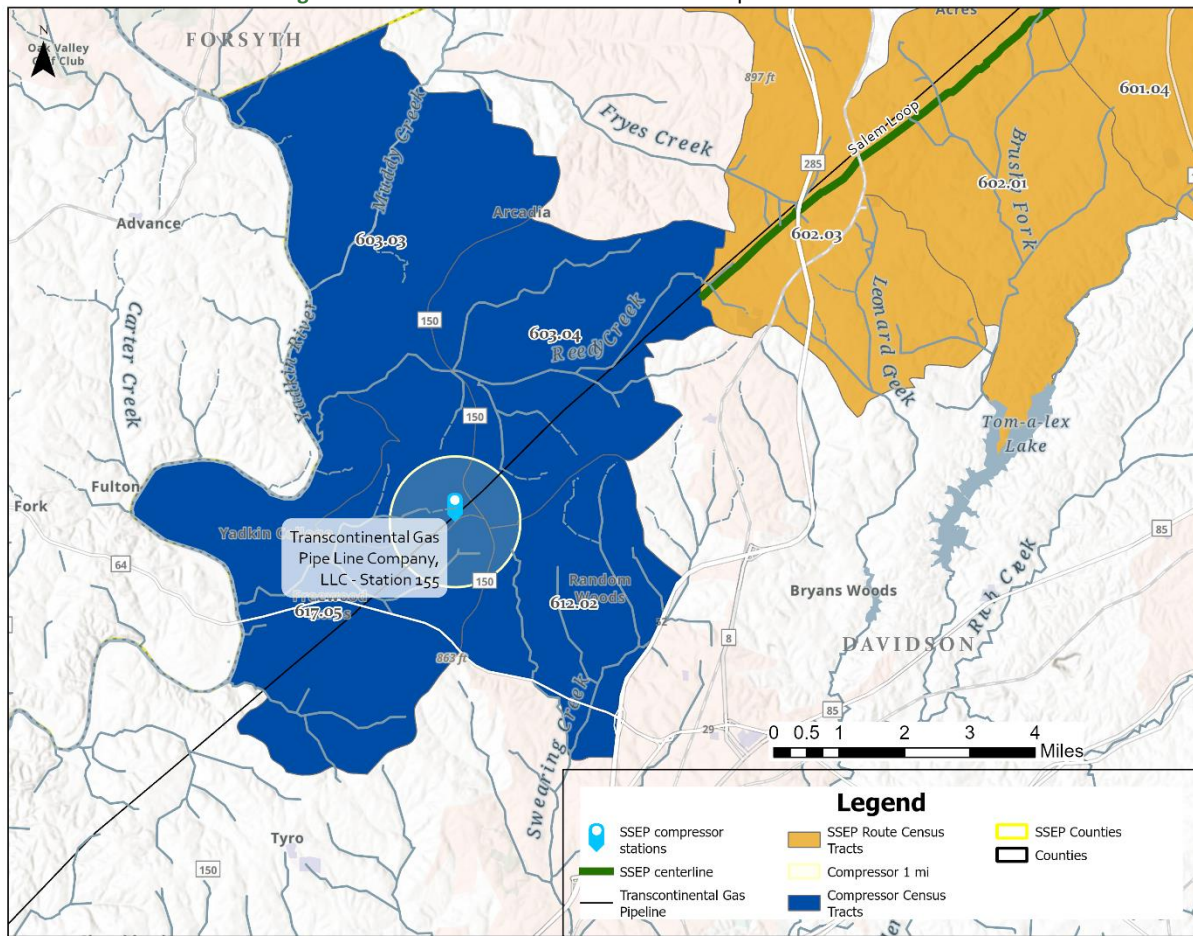
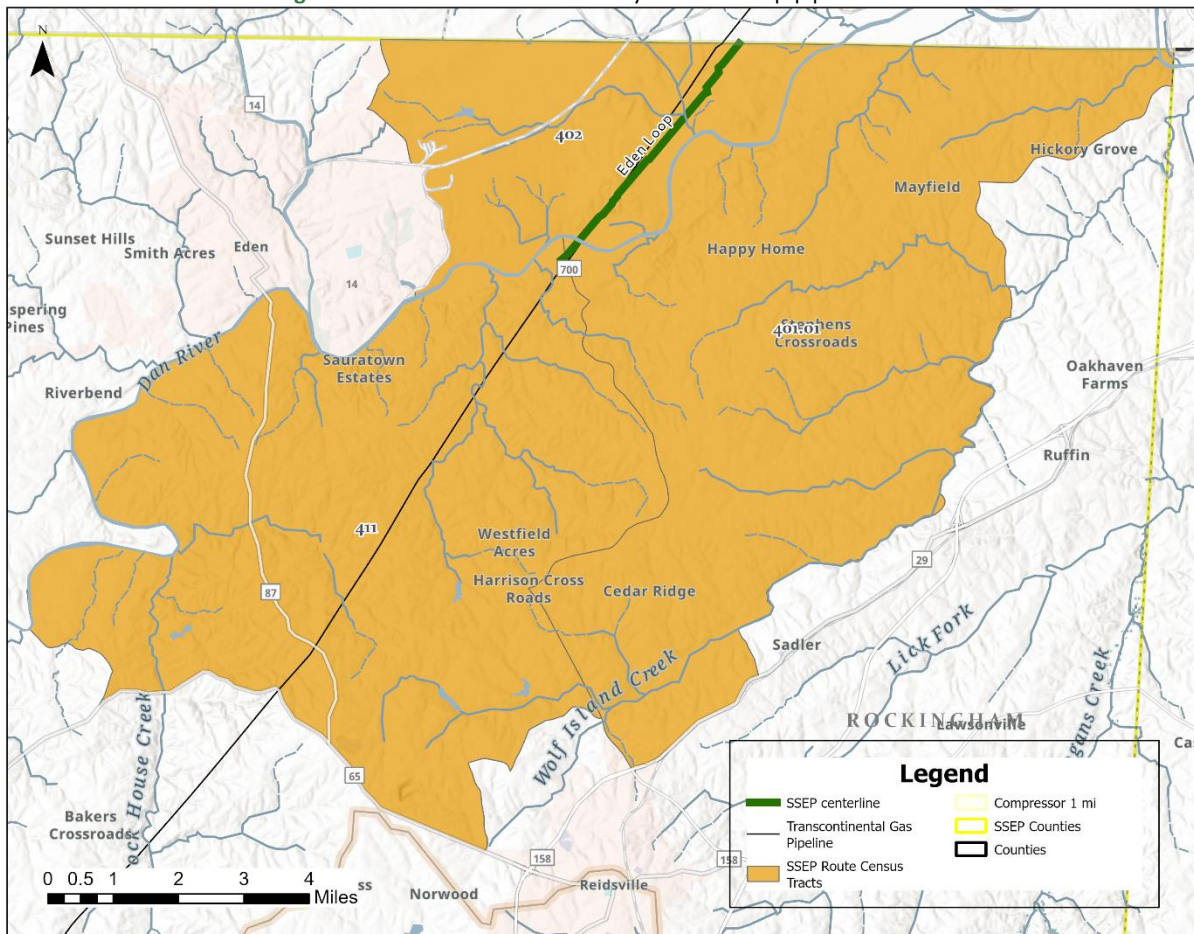
Figure 2. Census tracts within one mile of Compressor Station 150

Table 3. Geographic area summary of Compressor Station 155

GEOGRAPHIC AREA SUMMARY – COMPRESSOR STATION 155			
Facility Address	650 Becky Hill Road Lexington, NC 27295		
Geographic Coordinates	35.87903, -80.32971		
County	Davidson		
Census Tract with the facility	603.03		
Census Tracts within a one-mile radius of facility	County	Census Tract	
	Davidson	603.04	
		612.02	
		617.05	
Located in a Potentially Underserved Community	No		
Located within one mile of a Potentially Underserved Community	Yes		
2025 County Distress Rankings	County	Tier	Rank
	Davidson	2	66
Presence of State- or Federally recognized Tribes or Urban Indian Organizations	Guilford Native American Association		

Figure 3. Census tracts within one mile of Compressor Station 155**Table 4.** Geographic area summary of the Eden Loop pipeline route

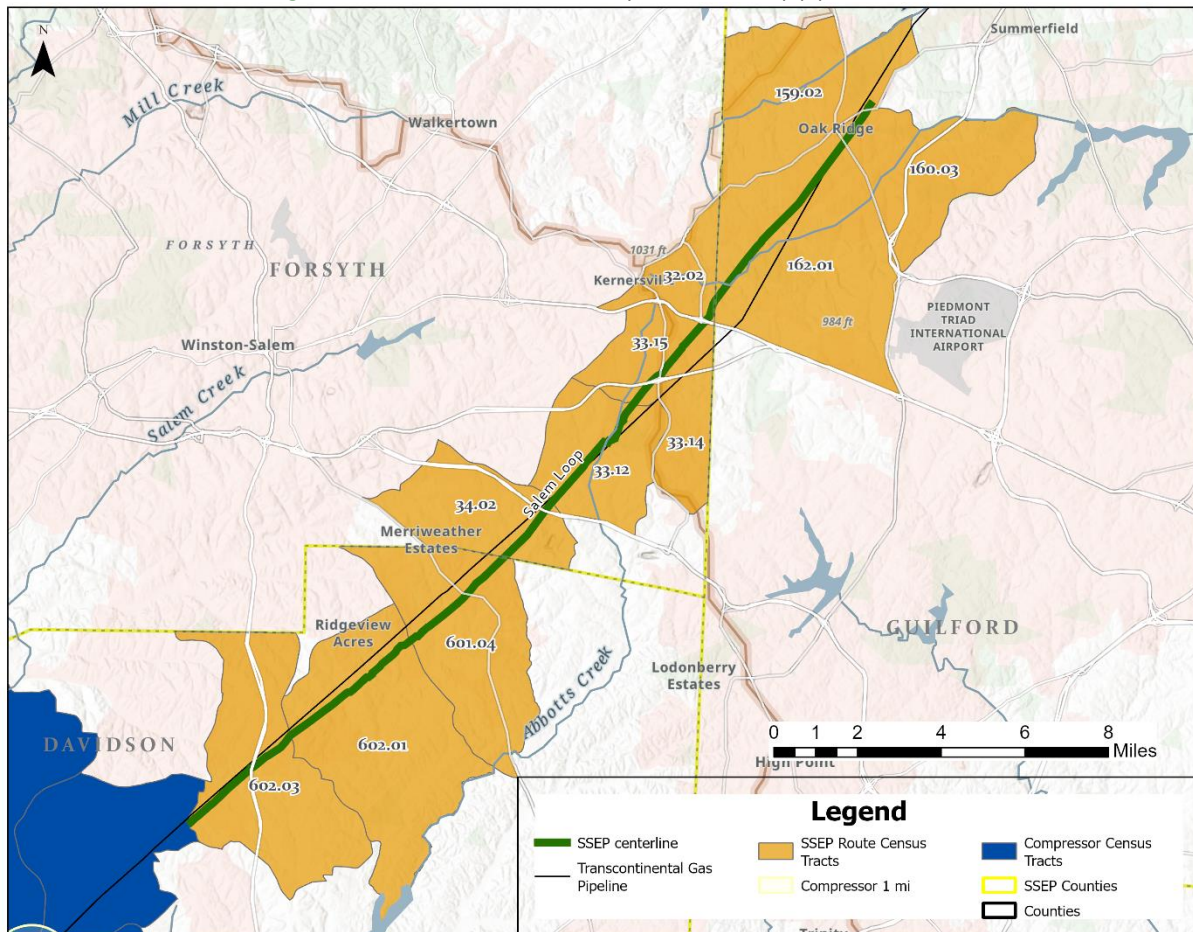
GEOGRAPHIC AREA SUMMARY – EDEN LOOP		
Counties and census tracts intersecting the pipeline route	County	Census Tract
	Rockingham	401.01
		402
		411
Number of Potentially Underserved Communities	0	
2025 County Distress Rankings	Tier	Rank
	1	28
Presence of State or Federally recognized Tribes or Urban Indian Organizations	Guilford Native American Association	

Figure 4. Census tracts intersected by the Eden Loop pipeline route**Table 5.** Geographic area summary of the Salem Loop pipeline route

GEOGRAPHIC AREA SUMMARY – SALEM LOOP			
Counties and census tracts intersecting the pipeline route	County		Census Tract
	Guilford		159.02
			160.03
			162.01
	Forsyth		32.02
			33.12
			33.14
			33.15
			34.02
	Davidson		601.04
			602.01
			602.03
Number of Potentially Underserved Communities	1		
2025 County Distress Rankings	County	Tier	Rank
	Guilford	2	51
	Forsyth	2	63

	Davidson	2	66
Presence of State or Federally recognized Tribes or Urban Indian Organizations	Guilford Native American Association		

Figure 5. Census tracts intersected by the Salem Loop pipeline route



4.2 Community Geography

NCDEQ Potentially Underserved Communities

NCDEQ defines a Potentially Underserved Community (PUC) by examining race/ethnicity and poverty criteria for each census-defined block group area.⁷ The block group is compared to both the county and the state and is classified by NCDEQ as a Potentially Underserved Block Group if it meets the following criteria for race/ethnicity and poverty:

- **Race/Ethnicity:** Share of people of color and Hispanic or Latino (of any race) is greater than or equal to fifty percent OR share of people of color and Hispanic or Latino (of any race) is at least ten percent higher than County or State share.

⁷ See Glossary for block group definition.

AND

- **Poverty:** Share of population experiencing poverty is greater than or equal to twenty percent OR share of households in poverty is at least five percent higher than the County or State share.

These selections occur on a block group level and this dataset is a selection of the 2023 American Community Survey (ACS) data from the data tables B03002—Hispanic or Latino Origin by Race—and S1701—Poverty Status in the Past 12 Months. Learn more about [NC DEQ's Potentially Underserved Block Groups 2024 - Overview](#).

The Southeast Supply Enhancement Project is located in areas of Rockingham, Guilford, Forsyth, Davidson, and Iredell Counties. Across the project area, there are 2 block groups that are considered Potentially Underserved Block Groups by NCDEQ's definition:

- In Davidson County, Census Tract 612.02, Block Group 1 is within the one-mile radius of Compressor Station 155 (**Figure 3**).
- In Forsyth County, Census Tract 32.02, Block Group 3 is intersected by a section of the Salem Loop pipeline (**Figure 5**).

County Distress Rankings

According to the NC Department of Commerce 2025 County Tier Designations for County Distress Rankings, there is 1 county in the project area with a Tier 1 ranking (on a scale of Tiers 1-3), which is categorized as most distressed. Rockingham County has an economic distress rank of 28 out of 100 (**Table 6**).

County tiers in the state are calculated by the NC Department of Commerce using four factors: average unemployment rate, median household income, percentage growth in population, and adjusted property tax base per capita. Tier 1 encompasses the 40 most distressed counties, Tier 2 encompasses the next 40, and Tier 3 encompasses the 20 least distressed counties. Visit the [NC Department of Commerce's County Distress Rankings](#) for more details on county tier calculations.

Table 6. County Distress Rankings for counties in Southeast Supply Enhancement Project area

COUNTY	COUNTY TIER DESIGNATION	ECONOMIC DISTRESS RANK
Rockingham	1*	28
Guilford	2	51
Forsyth	2	63
Davidson	2	66
Iredell	3	88
Mecklenburg	3	84

Tribal Communities

There are 8 Tribes (seven state recognized and one federally recognized) in North Carolina and 4 Urban Indian Organizations serving multiple counties in NC. Tribal Presence was assessed Based on NC Department of Administration's [NC Tribal and Urban Communities map](#).

The Guilford Native American Association serves Native Americans/Indigenous individuals in counties associated with the Eden and Salem Loops as well as Compressor Station 155.⁸ Communication with the Guilford Native American Association on outreach and engagement methods and other relevant information in these project areas is recommended.

The Metrolina Native American Association serves Native Americans/Indigenous individuals in counties associated with Compressor Station 150.⁹ Communication with the Metrolina Native American Association on outreach and engagement methods and other relevant information in these project areas is recommended.

5. Sociodemographic Analysis

Using standard guidelines developed by the U.S. Environmental Protection Agency (US EPA) and pursuant to the National Environmental Policy Act (NEPA), the following conditions are highlighted as communities with the potential for concerns:

1. A 10% or more difference when compared to the county or state for race or ethnicity, age and sex, disability, and educational attainment (up to high school or equivalent level);
2. A 50% or more population of color;
3. Share of population experiencing poverty is 20% or more;
4. Share of low-income population is 20% or more;
5. Percentage increase of 5% or more compared to the county or state average for poverty or low-income;
6. At least 5% of the population or 1,000 people (whichever is smaller) speaks English less than very well.

The U.S. Census Bureau uses and provides margins of error as an indicator of potential sampling errors and relative reliability. A larger margin of error corresponds to a higher degree of uncertainty. Estimates, margins of error, NCDEQ-calculated confidence intervals for sociodemographic indicators are provided in Appendix C (as available through the U.S. Census Bureau).

5.1 Air Quality Project Area – Compressor Station 150

Race and Ethnicity

- Iredell Census Tract 614.04 has a proportionate Black or African American population greater than 10% higher than Iredell County.

⁸ The Guilford Native American Association serves Native Americans/Indigenous individuals residing in the following counties: Guilford, Alamance, Caswell, Davidson, Davie, Forsyth, Randolph, Rockingham, Stokes, Surry, and Yadkin. <https://www.guilfordnative.com/>

⁹ The Metrolina Native American Association serves Native Americans/Indigenous individuals residing in the following counties Mecklenburg, Union, Gaston, Stanley, Lincoln, Anson, Cabarrus, Rowan, Cleveland and Iredell. <https://www.metrolinanatives.com/>

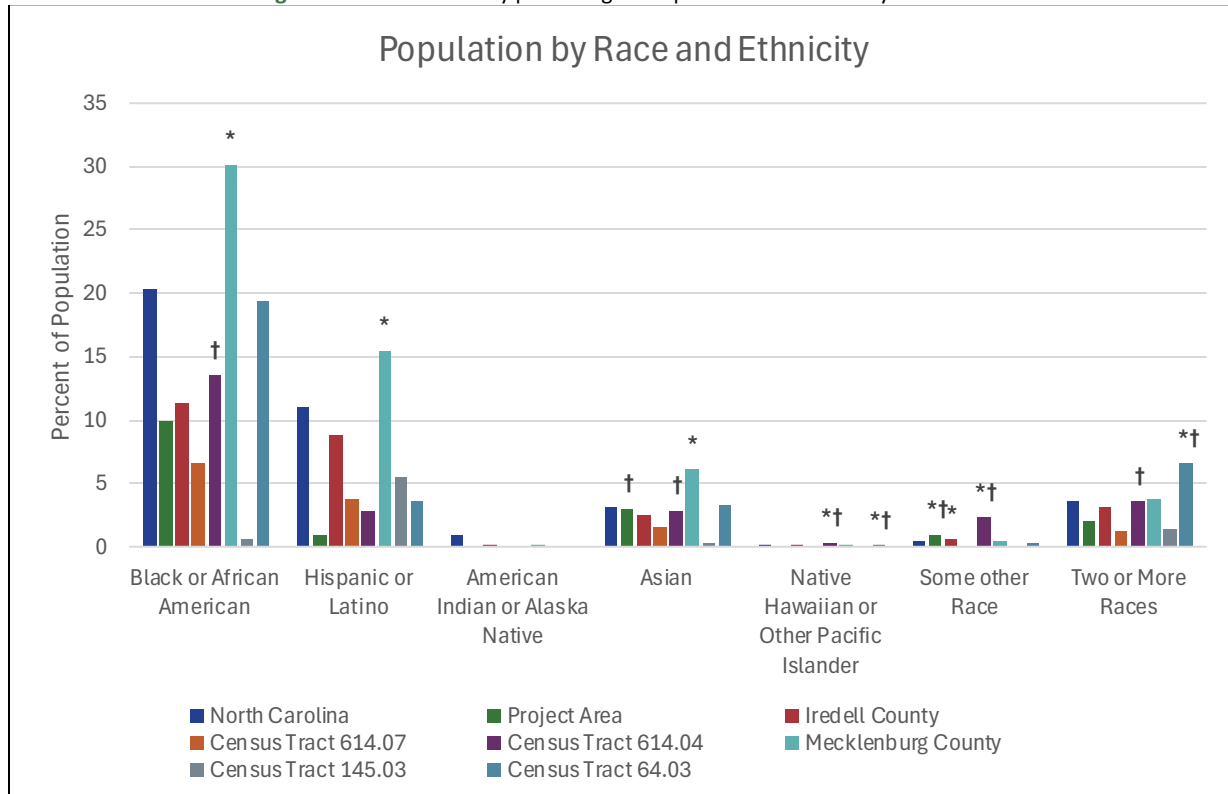
- The project area and Iredell Census Tract 614.04 have a proportionate Asian population greater than 10% higher than Iredell County.
- Iredell Census Tract 614.04 and Mecklenburg County Census Tract have a proportionate Native Hawaiian or Other Pacific Islander population greater than 10% higher than Iredell County or Mecklenburg Counties.
- The project area and Iredell County Census Tract 614.04 have a proportionate population identifying as “some other race” greater than 10% higher than Iredell County, Mecklenburg Counties, and the state.
- Iredell Census Tract 614.04 has a proportionate population identifying as “two or more races” greater than 10% higher than Iredell County.
- Mecklenburg County Census Tract 64.03 has a proportionate population identifying as “two or more races” greater than 10% higher than Mecklenburg County and the state.

Table 7. Race & Ethnicity percentage comparisons in Iredell County and state

RACE & ETHNICITY (%)					
	NORTH CAROLINA (n=2672)	IREDELL COUNTY (n=46)	PROJECT AREA	CENSUS TRACT 614.07	CENSUS TRACT 614.04
White (Not Hispanic)	60.65	73.51	82.00	86.88	74.64
Black or African American	20.29	11.31	10.00	6.66	13.51†
Hispanic or Latino	10.95	8.86	1.00	3.72	2.85
American Indian or Alaska Native	0.85	0.10	0.00	0.00	0.00
Asian	3.12	2.52	3.00†	1.52	2.82†
Native Hawaiian or Other Pacific Islander	0.05	0.01	0.00	0.00	0.32*†
Some other Race	0.44	0.55*	1.00*†	0.00	2.30*†
Two or More Races	3.66	3.14	2.00	1.22	3.57†
Total Population	10,584,340	191,800	1,979	4,818	3,442
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					
All bolded* cells indicate a percentage increase of 10% or more for non-white populations in the county or census tract compared to the state .					
All cells bolded† indicate a percentage increase of 10% or more for non-white populations in the census tract when compared to the county .					

Table 8. Race & Ethnicity percentage comparisons in Mecklenburg County and state

RACE & ETHNICITY (%)					
	NORTH CAROLINA (n=2672)	MECKLENBURG COUNTY (n=305)	PROJECT AREA	CENSUS TRACT 62.16	CENSUS TRACT 64.03
White (Not Hispanic)	60.65	43.88	82.00	92.16	66.73
Black or African American	20.29	30.12*	10.00	0.59	19.46
Hispanic or Latino	10.95	15.44*	1.00	5.57	3.66
American Indian or Alaska Native	0.85	0.15	0.00	0.00	0.00
Asian	3.12	6.09*	3.00	0.27	3.22
Native Hawaiian or Other Pacific Islander	0.05	0.04	0.00	0.00	0.08*†
Some other Race	0.44	0.45	1.00*†	0.00	0.30
Two or More Races	3.66	3.83	2.00	1.41	6.55*†
Total Population	10,584,340	1,130,906	1,979	1,850	6,394
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					
All bolded* cells indicate a percentage increase of 10% or more for non-white populations in the county or census tract compared to the state .					
All cells bolded† indicate a percentage increase of 10% or more for non-white populations in the census tract when compared to the county .					

Figure 6. Race & Ethnicity percentage comparisons to the county and state**Table 9.** Population of color percentage comparisons in Iredell County and state

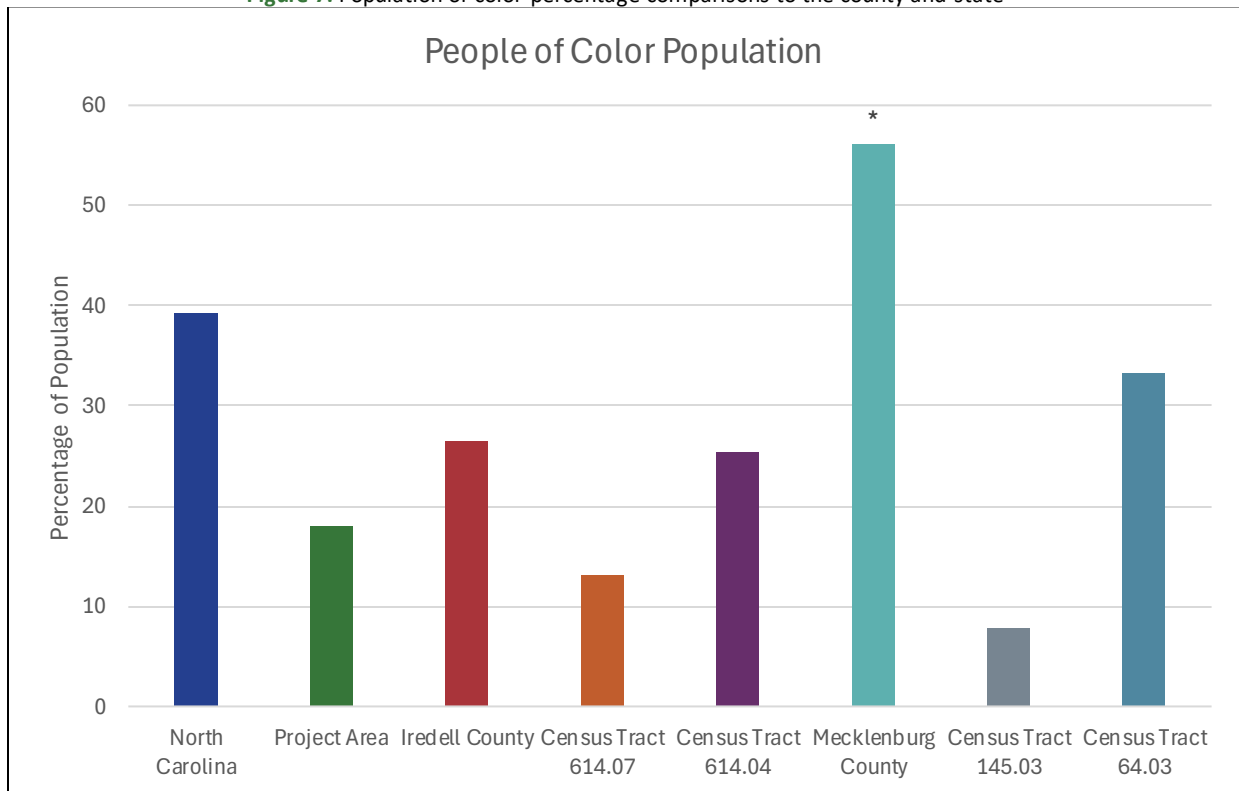
POPULATION OF COLOR (%)					
	NORTH CAROLINA (n=2672)	IREDELL COUNTY (n=46)	PROJECT AREA	CENSUS TRACT 614.07	CENSUS TRACT 614.04
Population of Color	39.35	26.49	18.00	13.12	25.36
Total Population	10,584,340	191,800	1,979	4,818	3,442
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					
All bolded* cells indicate a percentage increase of 10% or more for non-white populations in the county or census tract compared to the state .					
All cells bolded† indicate a percentage increase of 10% or more for non-white populations in the census tract when compared to the county .					

Table 10: Population of color percentage comparisons in Mecklenburg County and state

POPULATION OF COLOR (%)					
	NORTH CAROLINA (n=2672)	MECKLENBURG COUNTY (n=305)	PROJECT AREA	CENSUS TRACT 62.16	CENSUS TRACT 64.03

Population of Color	39.35	56.12*	18.00	7.84	33.27
Total Population	10,584,340	1,130,906	1,979	1,850	6,394
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					
All bolded* cells indicate a percentage increase of 10% or more for non-white populations in the county or census tract compared to the state .					
All cells bolded+ indicate a percentage increase of 10% or more for non-white populations in the census tract when compared to the county .					

Figure 7. Population of color percentage comparisons to the county and state



Age and Sex

- Iredell County Census Tract 614.07 has a proportionate population below 5 years old that is greater than 10% higher than Iredell County and the state.
- Iredell County Census Tract 614.07 has a proportionate population above 65 years old that is greater than 10% higher than Iredell County or the state.
- Mecklenburg County Census Tract 62.16 has a proportionate population above 65 years old that is greater than 10% higher than Mecklenburg County or the state.

Table 11. Median Age & Sex for North Carolina and Iredell County

MEDIAN AGE & SEX						
	NORTH CAROLINA (n=2672)			IREDELL COUNTY (n=46)		
	Male	Female	Both	Male	Female	Both
Median Age	37.7	40.4	39.1	39.60	42.20	40.90
Total (%)	48.92	51.08		49.54	50.46	
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate						
All bolded* cells indicate a percentage increase of 10% or more in the county compared to the state .						

Table 12. Median Age & Sex for North Carolina and Mecklenburg County

MEDIAN AGE & SEX						
	NORTH CAROLINA (n=2672)			MECKLENBURG COUNTY (n=305)		
	Male	Female	Both	Male	Female	Both
Median Age	37.7	40.4	39.1	34.60	36.30	35.40
Total (%)	48.92	51.08		48.33	51.67	
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate						
All bolded* cells indicate a percentage increase of 10% or more in the county compared to the state .						

Table 13. Median Age & Sex for Iredell County census tracts within a one-mile radius of Compressor Station 150

MEDIAN AGE & SEX						
	CENSUS TRACT 614.07			CENSUS TRACT 614.04		
	Male	Female	Both	Male	Female	Both
Median Age	41.00	51.20	47.10	44.60	44.50	44.60
Total (%)	52.57	47.43		52.03	47.97	
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate						
All bolded* cells indicate a percentage increase of 10% or more in the county compared to the state .						
All cells bolded+ indicate a percentage increase of 10% or more for non-white populations in the census tract when compared to the county .						

Table 14. Median Age & Sex for Mecklenburg County census tracts within a one-mile radius of Compressor Station 150

MEDIAN AGE & SEX						
	CENSUS TRACT 62.16			CENSUS TRACT 64.03		
	Male	Female	Both	Male	Female	Both
Median Age	55.50	57.60	55.90	22.40	39.40	36.90
Total (%)	51.14	48.86		49.08	50.92	
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate						
All bolded* cells indicate a percentage increase of 10% or more in the county compared to the state .						
All cells bolded† indicate a percentage increase of 10% or more for non-white populations in the census tract when compared to the county .						

Table 15. Age percentage comparisons in Iredell County and state

AGE (%)				
	NORTH CAROLINA (n=2672)	IREDELL COUNTY (n=46)	CENSUS TRACT 614.07	CENSUS TRACT 614.04
Below 5 Years Old	5.65	5.34	6.54*†	2.21
Above 65 Years Old	16.88	16.45	20.44*†	17.32
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate				
All bolded* cells indicate a percentage increase of 10% or more in the county or census tract compared to the state .				
All cells bolded† indicate a percentage increase of 10% or more in the census tract when compared to the county .				

Table 16. Age percentage comparisons in Mecklenburg County and state

AGE (%)				
	NORTH CAROLINA (n=2672)	MECKLENBURG COUNTY (n=305)	CENSUS TRACT 62.16	CENSUS TRACT 64.03
Below 5 Years Old	5.65	6.42*	1.78	1.66
Above 65 Years Old	16.88	11.70	25.35*†	12.37

Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate
All bolded* cells indicate a percentage increase of 10% or more in the county or census tract compared to the state .
All cells bolded† indicate a percentage increase of 10% or more in the census tract when compared to the county .

Disability

- The population living with a disability in Iredell County Census Tract 614.04 is greater than 10% higher when compared to Iredell County.

Table 17. Disability percentage comparisons in Iredell County and state

DISABILITY (%)				
	NORTH CAROLINA (n=2672)	IREDELL COUNTY (n=46)	CENSUS TRACT 614.07	CENSUS TRACT 614.04
Population with a Disability	13.37	11.69	6.28	13.51†
Type of Difficulty				
Hearing	27.67	29.13	21.85	42.64*†
Vision	18.85	15.45	17.22†	10.61
Cognitive	38.59	38.29	25.17	24.68
Ambulatory	50.26	49.25	51.32	43.29
Self-care	18.19	18.84	3.64	16.02
Independent Living	33.65	35.44	18.87	41.77*†
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate				
All bolded* cells indicate a percentage increase of 10% or more in the county or census tract compared to the state .				
All cells bolded† indicate a percentage increase of 10% or more in the census tract when compared to the county .				

Table 18. Disability percentage comparisons in Mecklenburg County and state

DISABILITY (%)				
	NORTH CAROLINA (n=2672)	MECKLENBURG COUNTY (n=305)	CENSUS TRACT 62.16	CENSUS TRACT 64.03
Population with a Disability	13.37	8.29	8.05	7.44

Type of Difficulty				
Hearing	27.67	24.55	36.91*†	41.19*†
Vision	18.85	19.74	0.00	27.39*†
Cognitive	38.59	41.64	34.23	38.43
Ambulatory	50.26	45.34	36.91	49.26
Self-care	18.19	17.55	0.00	21.02*†
Independent Living	33.65	31.25	20.13	41.40*†
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate				
All bolded* cells indicate a percentage increase of 10% or more in the county or census tract compared to the state .				
All cells bolded† indicate a percentage increase of 10% or more in the census tract when compared to the county .				

Limited English Proficiency

- The proportion of French, Haitian, or Cajun-speaking persons with limited-English proficiency in Iredell County Census Tract 614.04 is greater than 5% higher when compared to the state and county.
- The proportion of German or other West Germanic language-speaking persons with limited-English proficiency in Iredell County Census Tract 614.07, and Mecklenburg County Census Tract 64.03 is greater than 5% higher when compared to the state and county.
- The proportion of Russian, Polish, or other Slavic language-speaking persons with limited-English proficiency in Mecklenburg County Census Tract 62.16 is greater than 5% higher when compared to the state and county.
- The proportion of Chinese-speaking persons with limited-English proficiency in Mecklenburg County Census Tract 64.03 is greater than 5% higher when compared to the state and county.
- The proportion of Korean-speaking persons with limited-English proficiency in Iredell County Census Tract 614.04 is greater than 5% higher when compared to the state and county.
- The proportion of Other Asian and Pacific Island language-speaking persons with limited-English proficiency in Iredell County Census Tract 614.04 is greater than 5% higher when compared to the state and county.
- The proportion of Other Indo-European language-speaking persons with limited-English proficiency in Iredell County Census Tract 614.07 is greater than 5% higher when compared to the state and county.

Table 19. Limited English Proficiency percentage comparisons in Iredell County and state

LIMITED ENGLISH PROFICIENCY (%)				
	NORTH CAROLINA (n=2672)	IREDELL COUNTY (n=46)	CENSUS TRACT 614.07	CENSUS TRACT 614.04
Speak only English	86.98	89.64	90.27	92.01*
Spanish	3.47	2.63	0.20	0.00
French, Haitian, or Cajun	0.10	0.11*	0.00	0.27*†
German or other West Germanic languages	0.04	0.03	0.38*†	0.00
Russian, Polish, or other Slavic languages	0.10	0.08	0.00	0.00
Chinese (including Mandarin, Cantonese)	0.16	0.04	0.00	0.00
Vietnamese	0.16	0.14	0.00	0.00
Korean	0.08	0.10*	0.00	1.13*†
Tagalog (including Filipino)	0.04	0.00	0.00	0.00
Other Asian and Pacific Island Languages	0.27	0.30*	0.00	0.33*†
Other Indo-European Languages	0.27	0.24	0.36*†	0.00
Arabic	0.11	0.21*	0.00	0.00
Total Population 5 Years and over	9,986,027	181,558	4,503	3,366
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate				

All **bolded*** cells indicate a percentage increase of 5% or more in the county or census tract compared to the **state**.

All cells **bolded†** indicate a percentage increase of 5% or more in the census tract when compared to the **county**.

Table 20. Limited English Proficiency percentage comparisons in Mecklenburg County and state

LIMITED ENGLISH PROFICIENCY (%)				
	NORTH CAROLINA (n=2672)	MECKLENBURG COUNTY (n=305)	CENSUS TRACT 62.16	CENSUS TRACT 64.03
Speak only English	86.98	78.37	95.87*†	91.76*†
Spanish	3.47	6.55*	0.72	1.45
French, Haitian, or Cajun	0.10	0.33*	0.00	0.05
German or other West Germanic languages	0.04	0.04*	0.00	0.05*†
Russian, Polish, or other Slavic languages	0.10	0.23*	0.50*†	0.00
Chinese (including Mandarin, Cantonese)	0.16	0.28*	0.00	0.57*†
Vietnamese	0.16	0.07	0.00	0.00
Korean	0.08	0.10*	0.00	0.00
Tagalog (including Filipino)	0.04	0.04	0.00	0.00
Other Asian and Pacific Island Languages	0.27	0.67*	0.00	0.00
Other Indo-European Languages	0.27	0.67*	0.00	0.16
Arabic	0.11	0.17*	0.00	0.00

Total Population 5 Years and over	9,986,027	1,058,281	1,817	6,288
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate				
All bolded* cells indicate a percentage increase of 5% or more in the county or census tract compared to the state .				
All cells bolded† indicate a percentage increase of 5% or more in the census tract when compared to the county .				

Educational Attainment

Table 21. Educational Attainment percentage comparisons to Iredell County and state (Populations between 18-24 years)

EDUCATIONAL ATTAINMENT (%)				
	NORTH CAROLINA (n=2672)	IREDELL COUNTY (n=46)	CENSUS TRACT 614.07	CENSUS TRACT 614.04
Less than High School Graduate	11.44	10.44	9.75	9.14
High school graduate (includes equivalency)	34.20	44.65*	18.05	8.62
Population age 18-24 years	999,707	15,132	277	383
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate				
All bolded* cells indicate a percentage increase of 10% or more in the county or census tract compared to the state .				
All cells bolded† indicate a percentage increase of 10% or more in the census tract when compared to the county .				

Table 22. Educational Attainment percentage comparisons to Mecklenburg County and state (Populations between 18-24 years)

EDUCATIONAL ATTAINMENT (%)				
	NORTH CAROLINA (n=2672)	MECKLENBURG COUNTY (n=305)	CENSUS TRACT 62.16	CENSUS TRACT 64.03

Less than High School Graduate	11.44	12.19	9.26	0.00
High school graduate (includes equivalency)	34.20	28.85	16.67	22.36
Population age 18-24 years	999,707	103,146	54	1,901
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate				
All bolded* cells indicate a percentage increase of 10% or more in the county or census tract compared to the state .				
All cells bolded† indicate a percentage increase of 10% or more in the census tract when compared to the county .				

Table 23. Educational Attainment percentage comparisons to Iredell County and state (Populations age 25 years and over)

EDUCATIONAL ATTAINMENTS (%)				
	NORTH CAROLINA (n=2672)	IREDELL COUNTY (n=46)	CENSUS TRACT 614.07	CENSUS TRACT 614.04
Less than 9th grade	3.97	3.08	0.39	0.59
9th to 12th grade, no diploma	6.28	5.70	2.34	0.36
High school graduate (includes equivalency)	24.96	27.12	18.13	26.62
Bachelor's degree	34.72	33.33	52.60*†	44.12*†
Population age 25 years and over	7,261,810	133,520	3,553	2,532
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate				
All bolded* cells indicate a percentage increase of 10% or more in the county or census tract compared to the state .				
All cells bolded† indicate a percentage increase of 10% or more in the census tract when compared to the county .				

Table 24. Educational Attainment percentage comparisons to Mecklenburg County and state (Populations age 25 years and over)

EDUCATIONAL ATTAINMENTS (%)				
	NORTH CAROLINA (n=2672)	MECKLENBURG COUNTY (n=305)	CENSUS TRACT 62.16	CENSUS TRACT 64.03
Less than 9th grade	3.97	4.84*	0.00	1.92
9th to 12th grade, no diploma	6.28	4.36	3.33	2.13
High school graduate (includes equivalency)	24.96	16.40	12.92	9.85
Bachelor's degree	34.72	48.61*	62.16*†	69.31*†
Population age 25 years and over	7,261,810	766,897	1,501	3,431
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate				
All bolded* cells indicate a percentage increase of 10% or more in the county or census tract compared to the state .				
All cells bolded* indicate a percentage increase of 10% or more in the census tract when compared to the county .				

Poverty and Low-income

- Mecklenburg County Census Tract 64.03 has a proportionate population below the poverty level that is greater than 5% higher than Mecklenburg County.

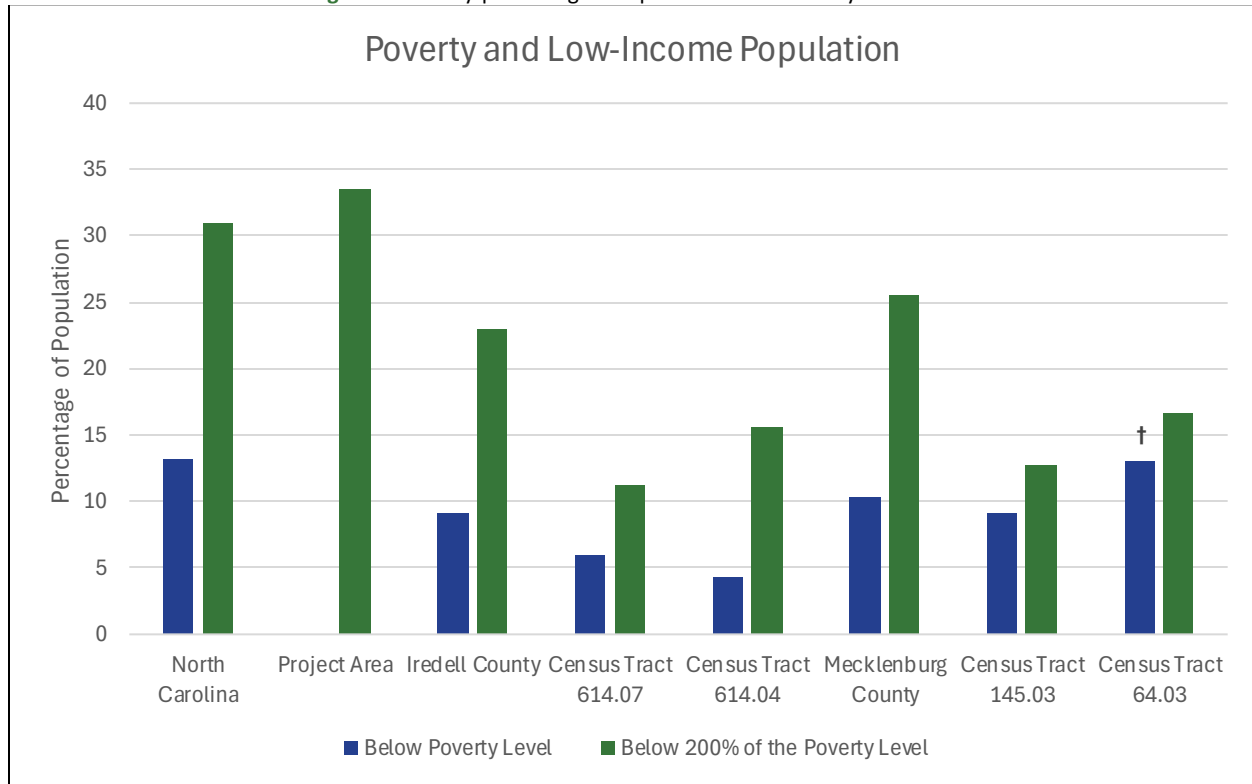
Table 25. Poverty percentage comparisons in Iredell County and state

POVERTY (%)					
	NORTH CAROLINA (n=2672)	IREDELL COUNTY (n=46)	PROJECT AREA	CENSUS TRACT 614.07	CENSUS TRACT 614.04
Below Poverty Level	13.17	9.10		6.00	4.32
Below 200% of the Poverty Level	31.03	22.94	12.00	11.21	15.65

Total Population for whom Poverty Status is Determined	10,297,193	189,857	1,979	4,685	3,406
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					
All bolded* cells indicate a percentage increase of 5% or more in the county or census tract compared to the state .					
All cells bolded† indicate a percentage increase of 5% or more in the census tract when compared to the county .					

Table 26. Poverty percentage comparisons in Mecklenburg County and state

POVERTY (%)					
	NORTH CAROLINA (n=2672)	MECKLENBURG COUNTY (n=305)	PROJECT AREA	CENSUS TRACT 62.16	CENSUS TRACT 64.03
Below Poverty Level	13.17	10.41		9.19	13.09†
Below 200% of the Poverty Level	31.03	25.59	12.00	12.76	16.61
Total Population for whom Poverty Status is Determined	10,297,193	1113265	1,979	1,850	4,720
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					
All bolded* cells indicate a percentage increase of 5% or more in the county or census tract compared to the state .					
All cells bolded† indicate a percentage increase of 5% or more in the census tract when compared to the county .					

Figure 8. Poverty percentage comparisons to the county and state

5.2 Air Quality Project Area – Compressor Station 155

Race and Ethnicity

- Census Tract 603.04 has a proportionate Black or African American population greater than 10% higher than Davidson County.
- Census Tract 612.02 has a proportionate Hispanic or Latino population greater than 10% higher than Davidson County.
- Census Tract 617.05 has a proportionate Asian population greater than 10% higher than Davidson County.
- Census Tract 603.04 has a proportionate population identifying as “two or more races” greater than 10% higher than Davidson County or the state.

Table 27. Race & Ethnicity percentage comparisons to Davidson County and state

RACE & ETHNICITY (%)							
	NORTH CAROLINA (n=2672)	DAVIDSON COUNTY (n=42)	PROJECT AREA	CENSUS TRACT 603.03	CENSUS TRACT 603.04	CENSUS TRACT 612.02	CENSUS TRACT 617.05
White (Not Hispanic)	60.65	76.82	97.00	92.88	82.00	80.98	93.55
Black or African American	20.29	9.16	1.00	0.19	10.93†	3.85	0.32

Hispanic or Latino	10.95	8.55	1.00	5.11	2.95	11.77†	0.32
American Indian or Alaska Native	0.85	0.12	0.00	0.00	0.00	0.00	0.00
Asian	3.12	1.52	1.00	1.22	0.00	0.00	5.45*†
Native Hawaiian or Other Pacific Islander	0.05	0.01	0.00	0.00	0.00	0.00	0.00
Some other Race	0.44	0.26	0.00	0.00	0.00	0.00	0.00
Two or More Races	3.66	3.54	0.00	0.61	4.11*†	3.40	0.36
Total Population	10,584,340	171,063	1,075	4,270	3,623	2,855	3,084

Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate

All **bolded*** cells indicate a percentage increase of 10% or more for non-white populations in the county or census tract compared to the **state**.

All cells **bolded†** indicate a percentage increase of 10% or more for non-white populations in the census tract when compared to the **county**.

Figure 9. Race & Ethnicity percentage comparisons to Davidson County and state

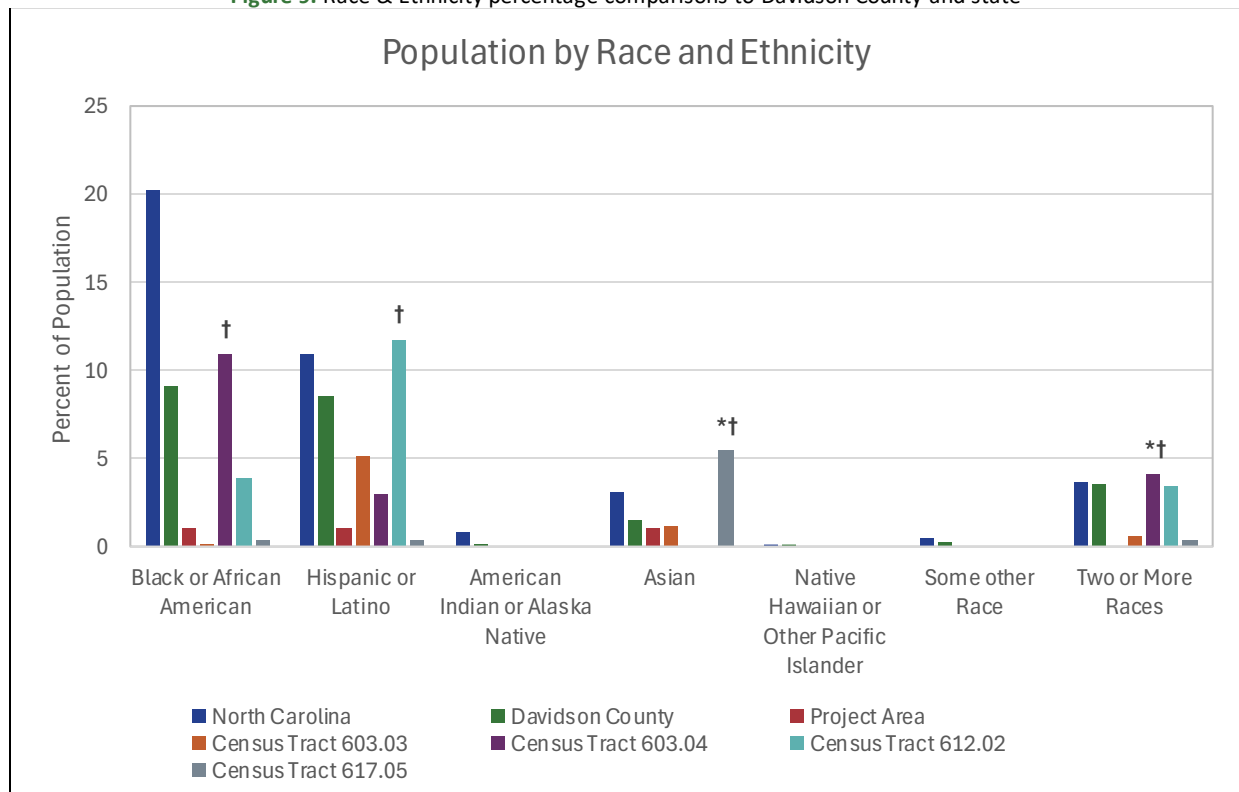
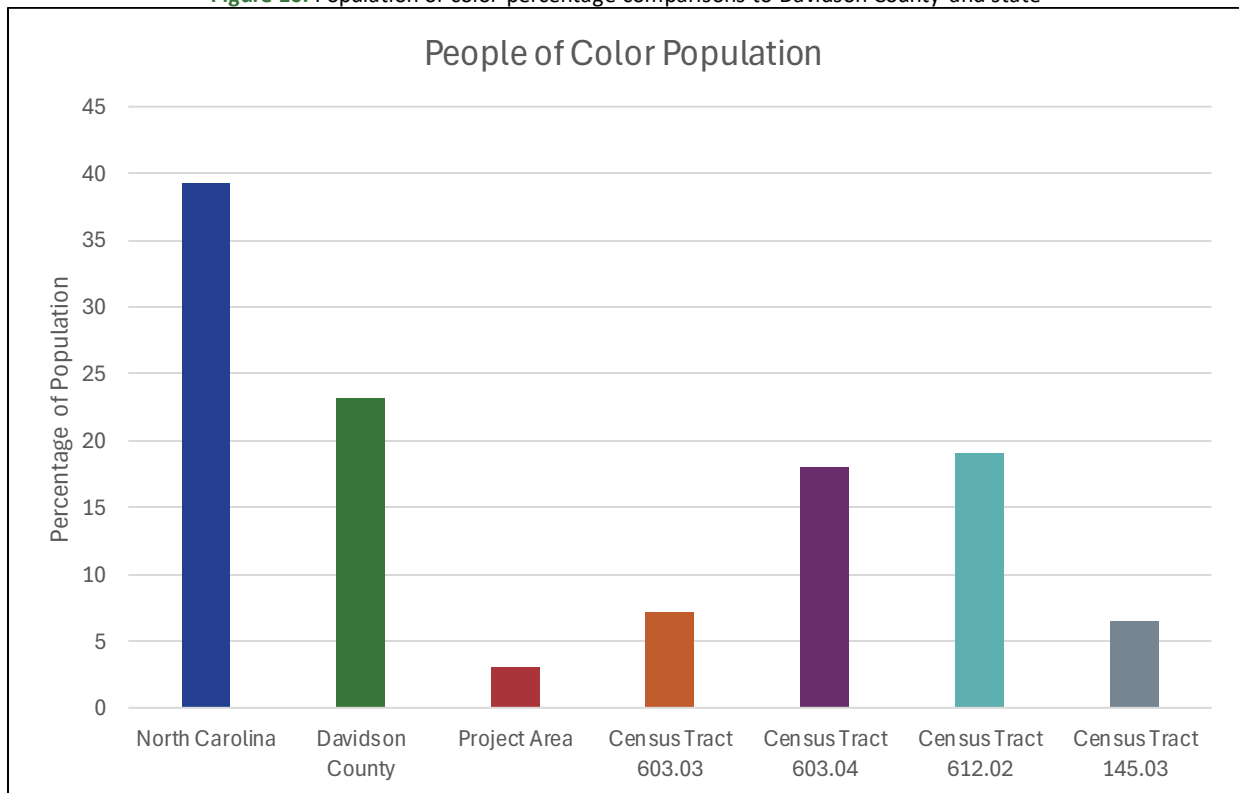


Table 28. Population of color percentage comparisons to Davidson County and state

POPULATION OF COLOR (%)							
	NORTH CAROLINA (n=2672)	DAVIDSON COUNTY (n=42)	PROJECT AREA	CENSUS TRACT 603.03	CENSUS TRACT 603.04	CENSUS TRACT 612.02	CENSUS TRACT 617.05
Population of Color	39.35	23.18	3.00	7.12	18.00	19.02	6.45
Total Population	10,584,340	171,063	1,075	4,270	3,623	2,855	3,084
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate							
All bolded* cells indicate a percentage increase of 10% or more for non-white populations in the county or census tract compared to the state .							
All cells bolded† indicate a percentage increase of 10% or more for non-white populations in the census tract when compared to the county .							

Figure 10. Population of color percentage comparisons to Davidson County and state

Age and Sex

- Census Tracts 603.04 and 617.05 have a proportionate population below 5 years old that is greater than 10% higher than the state and Davidson County.

- Census Tract 612.02 has a proportionate population above 65 years old that is greater than 10% higher than the state and Davidson County.

Table 29. Median Age & Sex for North Carolina and Davidson County

MEDIAN AGE & SEX						
	NORTH CAROLINA (n=2672)			DAVIDSON COUNTY (n=42)		
	Male	Female	Both	Male	Female	Both
Median Age	37.7	40.4	39.1	41.80	42.90	42.30
Total (%)	48.92	51.08		49.17	50.83	
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate						
All bolded* cells indicate a percentage increase of 10% or more in the county compared to the state .						

Table 30. Median Age & Sex for census tracts within a one-mile radius of Compressor Station 155 facility

MEDIAN AGE & SEX						
	CENSUS TRACT 603.03			CENSUS TRACT 603.04		
	Male	Female	Both	Male	Female	Both
Median Age	46.80	49.40	48.30	39.50	40.50	40.00
Total (%)	51.26	48.74		51.75	48.25	
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate						
All bolded* cells indicate a percentage increase of 10% or more in the county compared to the state .						
All cells bolded† indicate a percentage increase of 10% or more for non-white populations in the census tract when compared to the county .						

Table 31. Median Age & Sex for census tracts within a one-mile radius of Compressor Station 155 facility continued

MEDIAN AGE & SEX						
	CENSUS TRACT 612.02			CENSUS TRACT 617.05		
	Male	Female	Both	Male	Female	Both
Median Age	48.50	45.50	47.40	47.90	49.20	48.80
Total (%)	48.09	51.91		50.29	49.71	
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate						

All **bolded*** cells indicate a percentage increase of 10% or more in the county compared to the **state**.

All cells **bolded†** indicate a percentage increase of 10% or more for non-white populations in the census tract when compared to the **county**.

Table 32. Age percentage comparisons to Davidson County and state

AGE (%)						
	NORTH CAROLINA (n=2672)	DAVIDSON COUNTY (n=42)	CENSUS TRACT 603.03	CENSUS TRACT 603.04	CENSUS TRACT 612.02	CENSUS TRACT 617.05
Below 5 Years Old	5.65	5.35	3.86	6.49*†	3.54	6.23*†
Above 65 Years Old	16.88	18.61*	18.29	15.59	22.84*†	17.67
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate						
All bolded* cells indicate a percentage increase of 10% or more in the county or census tract compared to the state .						
All cells bolded† indicate a percentage increase of 10% or more in the census tract when compared to the county .						

Disability

- The population living with a disability in Davidson County Census Tract 603.03 is greater than 10% higher when compared to the state.
- The population living with a disability in Davidson County Census Tract 612.02 is greater than 10% higher when compared to Davidson County and the state.

Table 33. Disability percentage comparisons to Davidson County and state

DISABILITY (%)						
	NORTH CAROLINA (n=2672)	DAVIDSON COUNTY (n=42)	CENSUS TRACT 603.03	CENSUS TRACT 603.04	CENSUS TRACT 612.02	CENSUS TRACT 617.05
Population with a Disability	13.37	15.41*	15.62*	7.12	17.86*†	8.79
Type of Difficulty						
Hearing	27.67	26.86	21.74	23.64	40.00*†	9.96
Vision	18.85	20.94*	12.29	13.95	32.16*†	29.89*†
Cognitive	38.59	36.18	20.09	29.07	25.29	53.87*†
Ambulatory	50.26	54.44	55.62*	60.08*†	52.94	62.73*†
Self-care	18.19	18.09	6.75	15.89	18.04	15.13

Independent Living	33.65	33.80	20.84	23.64	27.25	27.68
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate						
All bolded* cells indicate a percentage increase of 10% or more in the county or census tract compared to the state .						
All cells bolded† indicate a percentage increase of 10% or more in the census tract when compared to the county .						

Limited English Proficiency

- The population of Spanish-speaking persons with limited-English proficiency is greater than 5% of the overall population ages 5 and over in Davidson County Census Tract 612.02.
- The proportion of Chinese-speaking persons with limited-English proficiency in Davidson County Census Tract 617.05 is greater than 5% higher when compared to the state and Davidson County.
- The proportion of Vietnamese-speaking persons with limited-English proficiency in Davidson County Census Tract 603.03 is greater than 5% higher when compared to Davidson County.
- The proportion of Other Asian and Pacific Island language-speaking persons with limited-English proficiency in Davidson County Census Tract 617.05 is greater than 5% higher when compared to the state and Davidson County.
- The proportion of Other Indo-European language-speaking persons with limited-English proficiency in Davidson County Census Tract 603.04 is greater than 5% higher when compared to the state and Davidson County.

Table 34. Limited English Proficiency percentage comparisons to Davidson County and state

LIMITED ENGLISH PROFICIENCY (%)						
	NORTH CAROLINA (n=2672)	DAVIDSON COUNTY (n=42)	CENSUS TRACT 603.03	CENSUS TRACT 603.04	CENSUS TRACT 612.02	CENSUS TRACT 617.05
Speak only English	86.98	91.01	94.93*	96.34*†	90.38	96.85*†
Spanish	3.47	2.53	1.24	0.00	5.01*†	0.00
French, Haitian, or Cajun	0.10	0.00	0.00	0.00	0.00	0.00
German or other West Germanic languages	0.04	0.06*	0.00	0.00	0.00	0.00
Russian, Polish, or other Slavic languages	0.10	0.03	0.00	0.00	0.00	0.00

Chinese (including Mandarin, Cantonese)	0.16	0.09	0.00	0.00	0.00	0.38*†
Vietnamese	0.16	0.06	0.10†	0.00	0.00	0.00
Korean	0.08	0.05	0.00	0.00	0.00	0.00
Tagalog (including Filipino)	0.04	0.08*	0.00	0.00	0.00	0.00
Other Asian and Pacific Island Languages	0.27	0.26	0.00	0.00	0.00	2.73*†
Other Indo-European Languages	0.27	0.09	0.00	0.65*†	0.00	0.00
Arabic	0.11	0.00	0.00	0.00	0.00	0.00
Total Population 5 Years and over	9,986,027	161,904	4,105	3,388	2,754	2,892
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate						
All bolded* cells indicate a percentage increase of 5% or more in the county or census tract compared to the state .						
All cells bolded† indicate a percentage increase of 5% or more in the census tract when compared to the county .						

Educational Attainment

- The proportion of the population 18-24 years old with less than a high school education in Davidson County Census Tracts 603.04 and 612.02 is greater than 10% higher when compared to Davidson County and the state.
- The population 25 and over with a 9th to 12th grade education and no diploma in Davidson County Census Tracts 603.03, 603.04, and 617.05 is greater than 10% higher when compared to the state and/or Davidson County.

Table 35. Educational Attainment percentage comparisons to Davidson County and state (Populations between 18-24 years)

EDUCATIONAL ATTAINMENT (%)						
	NORTH CAROLINA (n=2672)	DAVIDSON COUNTY (n=42)	CENSUS TRACT 603.03	CENSUS TRACT 603.04	CENSUS TRACT 612.02	CENSUS TRACT 617.05
Less than High School Graduate	11.44	15.74*	12.11	18.71*†	36.26*†	3.03

High school graduate (includes equivalency)	34.20	42.47*	30.49	71.22*†	41.52*	50.30*†
Population age 18-24 years	999,707	13,053	223	278	171	165
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate						
All bolded* cells indicate a percentage increase of 10% or more in the county or census tract compared to the state .						
All cells bolded† indicate a percentage increase of 10% or more in the census tract when compared to the county .						

Table 36. Educational Attainment percentage comparisons to Davidson County and state (Populations age 25 years and over)

EDUCATIONAL ATTAINMENTS (%)						
	NORTH CAROLINA (n=2672)	DAVIDSON COUNTY (n=42)	CENSUS TRACT 603.03	CENSUS TRACT 603.04	CENSUS TRACT 612.02	CENSUS TRACT 617.05
Less than 9th grade	3.97	4.30	1.33	0.00	3.35	1.65
9th to 12th grade, no diploma	6.28	8.00*	7.96*	7.44*	6.64	19.24*†
High school graduate (includes equivalency)	24.96	32.48*	30.16*	25.04	41.49*†	30.46*
Bachelor's degree	34.72	20.72	27.44†	20.94	21.08	14.34
Population age 25 years and over	7,261,810	120,730	3,243	2,488	2,092	2,308
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate						
All bolded* cells indicate a percentage increase of 10% or more in the county or census tract compared to the state .						
All cells bolded† indicate a percentage increase of 10% or more in the census tract when compared to the county .						

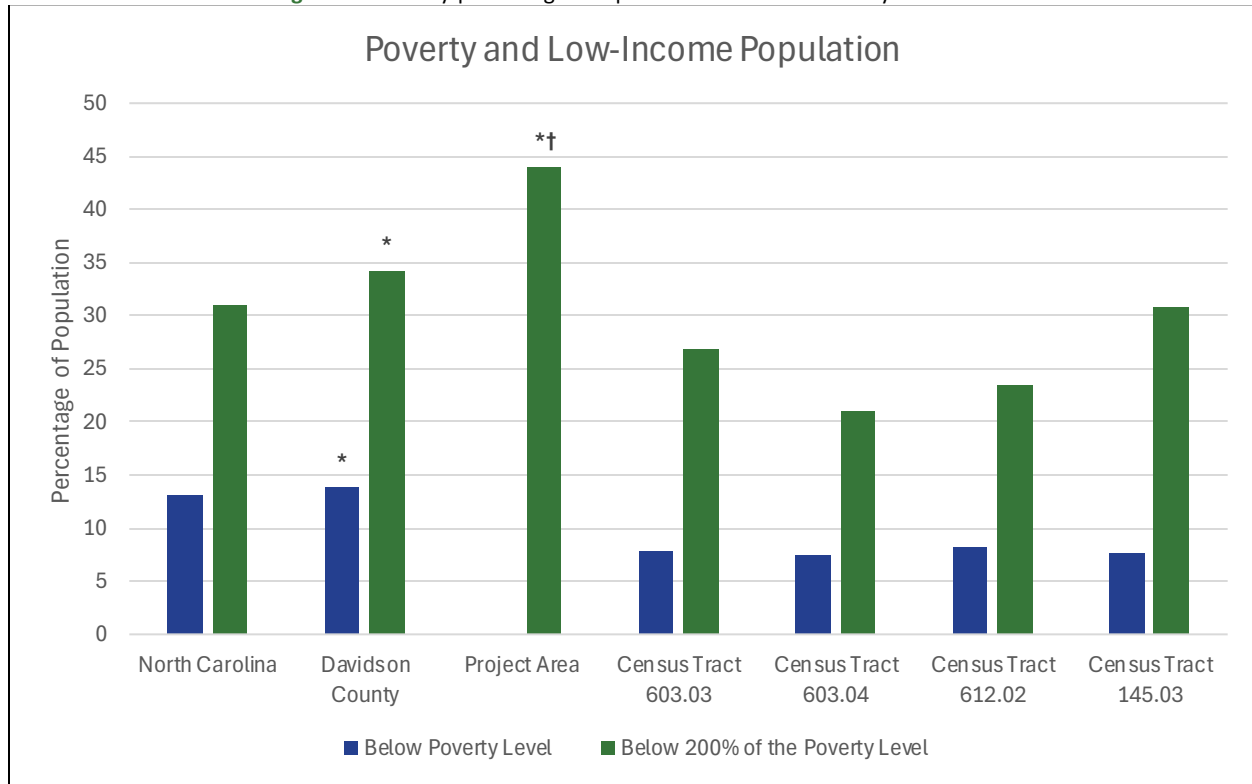
Poverty and Low-income

- The project area has a proportionate population below 200% of the poverty level that is greater than 5% higher than the state and county.

Table 37. Poverty percentage comparisons to Davidson County and state

POVERTY (%)							
	NORTH CAROLINA (n=2672)	DAVIDSON COUNTY (n=42)	PROJECT AREA	CENSUS TRACT 603.03	CENSUS TRACT 603.04	CENSUS TRACT 612.02	CENSUS TRACT 617.05
Below Poverty Level	13.17	13.83*		7.87	7.54	8.13	7.65
Below 200% of the Poverty Level	31.03	34.22*	44.00*†	26.93	21.06	23.47	30.80
Total Population for whom Poverty Status is Determined	10,297,193	169012	0	4,270	3,570	2,855	3,084
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate							
All bolded* cells indicate a percentage increase of 5% or more in the county or census tract compared to the state .							
All cells bolded† indicate a percentage increase of 5% or more in the census tract when compared to the county .							

Figure 11. Poverty percentage comparisons to Davidson County and state



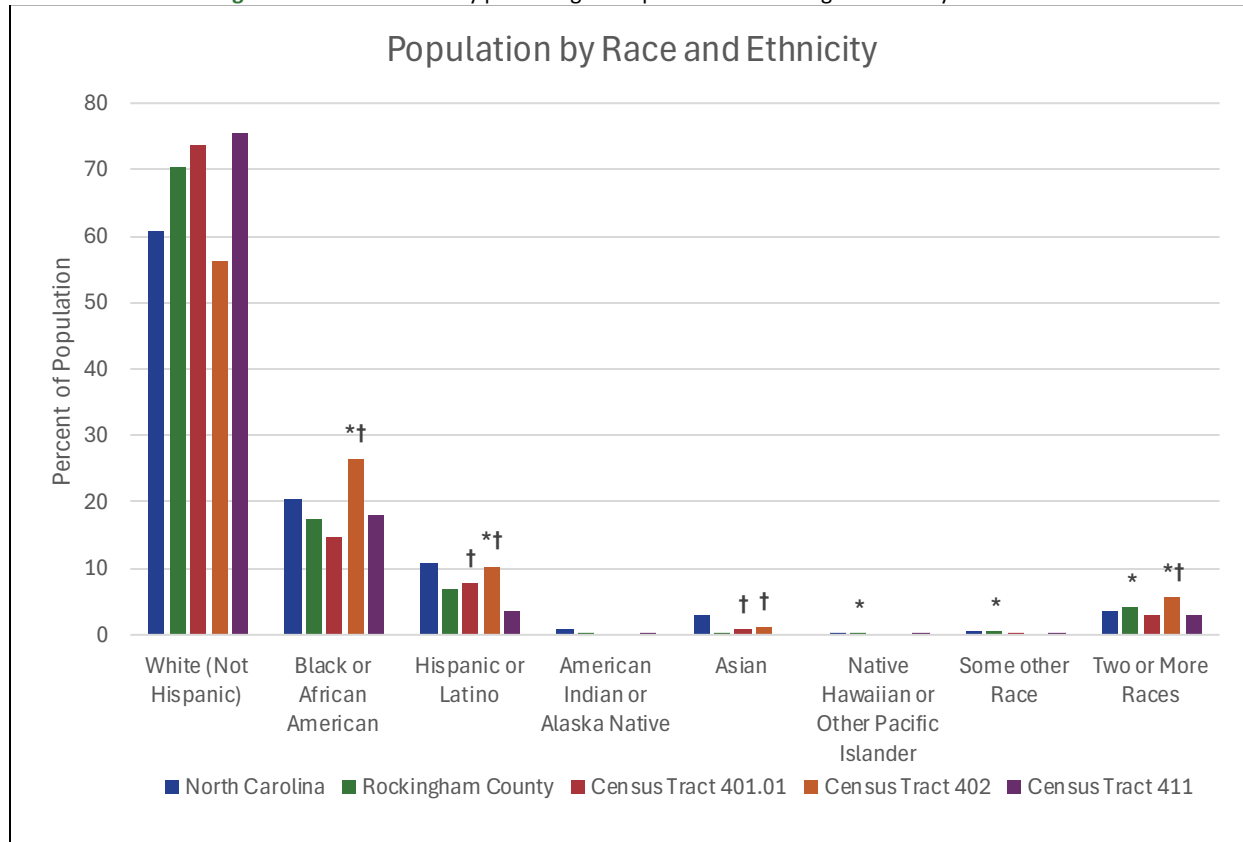
5.3 Water Resources Project Area – Eden Loop

Race and Ethnicity

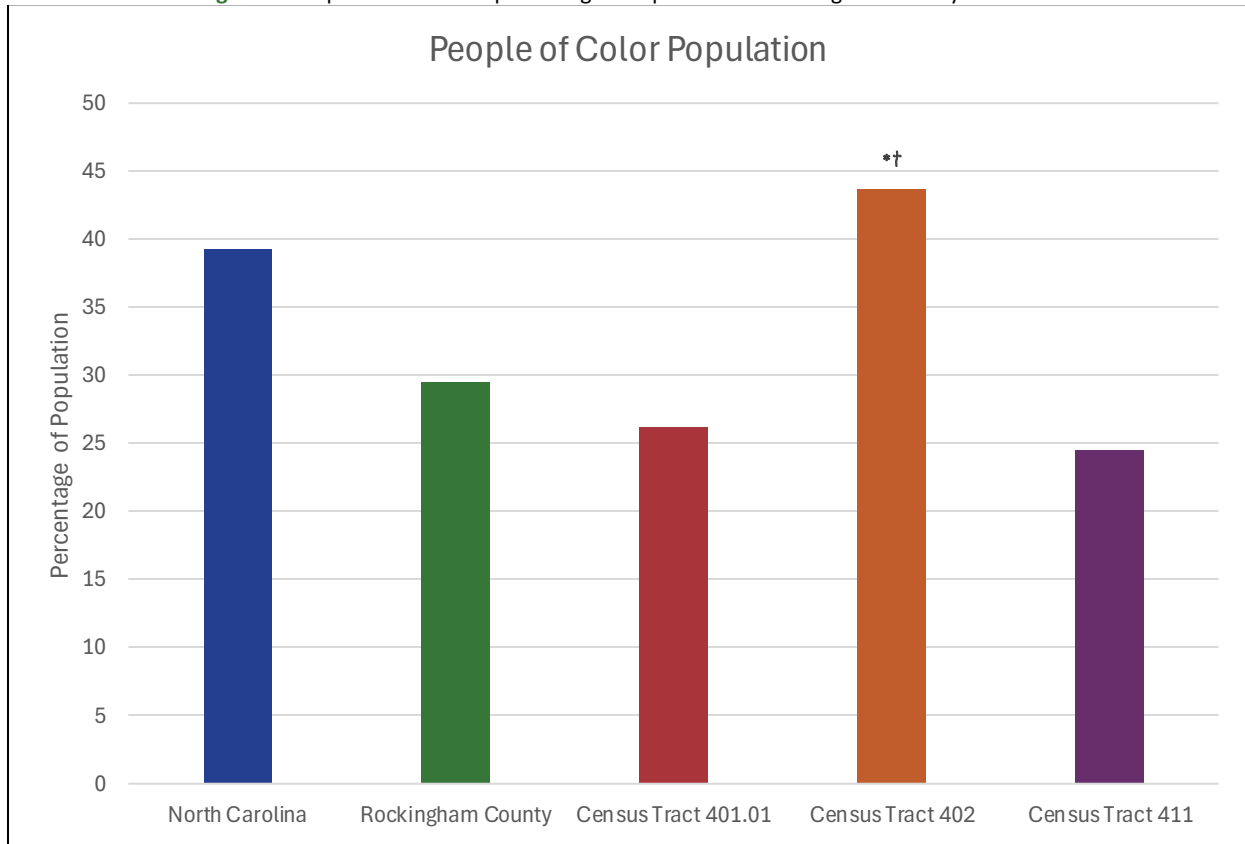
- Rockingham County Census Tract 402 has a people of color population that is greater than 10% higher than the county and state.
- Census Tract 402 has a Black or African American population that is greater than 10% higher than the county and state.
- Census Tracts 401.01 and 402 have a Hispanic or Latino population that is greater than 10% higher than the county.
- Census Tracts 401.01 and 402 have an Asian population that is greater than 10% higher than the county.
- Rockingham County has a Native Hawaiian or Other Pacific Islander population that is greater than 10% higher than the state.
- Rockingham County has a “some other race” population that is greater than 10% higher than the state.
- Rockingham County and Census Tract 402 have a population of two or more races that is greater than 10% higher than the state or county.

Table 38. Race & Ethnicity percentage comparisons in Rockingham County and the state

RACE & ETHNICITY (%)					
	NORTH CAROLINA (n=2672)	ROCKINGHAM COUNTY (n=22)	CENSUS TRACT 401.01	CENSUS TRACT 402	CENSUS TRACT 411
White (Not Hispanic)	60.65	70.51	73.81	56.35	75.49
Black or African American	20.29	17.45	14.16	26.46*†	17.89
Hispanic or Latino	10.95	6.89	7.70†	10.35†	3.44
American Indian or Alaska Native	0.85	0.16	0.00	0.00	0.02
Asian	3.12	0.19	0.78†	1.19†	0.00
Native Hawaiian or Other Pacific Islander	0.05	0.15*	0.00	0.00	0.05
Some other Race	0.44	0.53*	0.30	0.00	0.10
Two or More Races	3.66	4.11*	2.95	5.65*†	3.03
Total Population	10,584,340	91,585	3,727	3,537	6,278
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					
All bolded* cells indicate a percentage increase of 10% or more for non-white populations in the county or census tract compared to the state .					
All cells bolded† indicate a percentage increase of 10% or more for non-white populations in the census tract when compared to the county .					

Figure 12. Race & Ethnicity percentage comparisons to Rockingham County and state**Table 39.** Population of color percentage comparisons in Rockingham County and the state

POPULATION OF COLOR (%)					
	NORTH CAROLINA (n=2672)	ROCKINGHAM COUNTY (n=22)	CENSUS TRACT 401.01	CENSUS TRACT 402	CENSUS TRACT 411
Population of Color	39.35	29.49	26.19	43.65*†	24.51
Total Population	10,584,340	91,585	3,727	3,537	6,278
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					
All bolded* cells indicate a percentage increase of 10% or more for non-white populations in the county or census tract compared to the state .					
All cells bolded† indicate a percentage increase of 10% or more for non-white populations in the census tract when compared to the county .					

Figure 13. Population of color percentage comparisons to Rockingham County and state

Age and Sex

- Rockingham County and Census Tracts 401.01 and 411 have a proportionate population above 65 years old that is greater than 10% higher than the state.
- Census Tract 402 has a proportionate population below 5 years old that is greater than 10% higher than the state and county.

Table 40. Median Age & Sex for North Carolina and Rockingham County

MEDIAN AGE & SEX						
	NORTH CAROLINA (n=2672)			ROCKINGHAM COUNTY (n=22)		
	Male	Female	Both	Male	Female	Both
Median Age	37.7	40.4	39.1	43.10	46.10	44.70
Total (%)	48.92	51.08		48.90	51.10	
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate						

All **bolded*** cells indicate a percentage increase of 10% or more in the county compared to the **state**.

Table 41. Median Age & Sex for project area census tracts

MEDIAN AGE & SEX									
	CENSUS TRACT 401.01			CENSUS TRACT 402			CENSUS TRACT 411		
	Male	Female	Both	Male	Female	Both	Male	Female	Both
Median Age	47.70	53.50	49.90	39.10	45.30	41.00	48.60	42.50	45.60
Total (%)	51.81	48.19		53.38	46.62		46.43	53.57	
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate									
All bolded* cells indicate a percentage increase of 10% or more in the county compared to the state .									
All cells bolded† indicate a percentage increase of 10% or more for non-white populations in the census tract when compared to the county .									

Table 42. Age percentage comparisons to Rockingham County and state

AGE (%)					
	NORTH CAROLINA (n=2672)	ROCKINGHAM COUNTY (n=22)	CENSUS TRACT 401.01	CENSUS TRACT 402	CENSUS TRACT 411
Below 5 Years Old	5.65	5.00	3.94	7.58*†	3.58
Above 65 Years Old	16.88	20.75*	21.14*	16.43	24.50*†
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					
All bolded* cells indicate a percentage increase of 10% or more in the county or census tract compared to the state .					
All cells bolded† indicate a percentage increase of 10% or more in the census tract when compared to the county .					

Disability

- The population living with a disability in Rockingham County and Census Tracts 401.01, 402, and 411 is greater than 10% higher when compared to the state or county.

Table 43. Disability percentage comparisons to Rockingham County and state

DISABILITY (%)					
	NORTH CAROLINA (n=2672)	ROCKINGHAM COUNTY (n=22)	CENSUS TRACT 401.01	CENSUS TRACT 402	CENSUS TRACT 411
Population with a Disability	13.37	17.75*	15.43*	21.23*†	19.40*
Type of Difficulty					
Hearing	27.67	29.21	44.35*†	16.91	26.44
Vision	18.85	18.98	9.91	6.52	18.80
Cognitive	38.59	41.21	20.17	40.08	26.52
Ambulatory	50.26	53.79	48.52	57.92*	43.51
Self-care	18.19	20.40*	20.52*	15.98	10.67
Independent Living	33.65	38.55*	21.91	49.80*†	33.74
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					
All bolded* cells indicate a percentage increase of 10% or more in the county or census tract compared to the state .					
All cells bolded† indicate a percentage increase of 10% or more in the census tract when compared to the county .					

Limited English Proficiency

- The proportion of Spanish-speaking persons with limited-English proficiency in Census Tract 402 is greater than 5% higher when compared to the state and county.

Table 44. Limited English Proficiency percentage comparisons to Rockingham County and state

LIMITED ENGLISH PROFICIENCY (%)					
	NORTH CAROLINA (n=2672)	ROCKINGHAM COUNTY (n=22)	CENSUS TRACT 401.01	CENSUS TRACT 402	CENSUS TRACT 411
Speak only English	86.98	94.27*	91.06	89.51	95.21*
Spanish	3.47	2.24	0.59	4.80*†	0.12

French, Haitian, or Cajun	0.10	0.06	0.00	0.00	0.00
German or other West Germanic languages	0.04	0.01	0.00	0.00	0.00
Russian, Polish, or other Slavic languages	0.10	0.02	0.00	0.00	0.00
Chinese (including Mandarin, Cantonese)	0.16	0.00	0.00	0.00	0.00
Vietnamese	0.16	0.04	0.00	0.00	0.00
Korean	0.08	0.00	0.00	0.00	0.00
Tagalog (including Filipino)	0.04	0.01	0.00	0.00	0.00
Other Asian and Pacific Island Languages	0.27	0.00	0.00	0.00	0.00
Other Indo-European Languages	0.27	0.03	0.00	0.00	0.00
Arabic	0.11	0.03	0.00	0.00	0.00
Total Population 5 Years and over	9,986,027	87,003	3,580	3,269	6,053
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					
All bolded* cells indicate a percentage increase of 5% or more in the county or census tract compared to the state .					
All cells bolded† indicate a percentage increase of 5% or more in the census tract when compared to the county .					

Educational Attainment

- The proportion of the population 18-24 years old with less than a high school education in Rockingham County and Census Tracts 401.01, 402, and 411 is greater than 10% higher when compared to the state or county.
- The proportion of the population 25 and over with less than a 9th grade education in Census Tract 402 is greater than 10% higher when compared to the state or county.

- The population 25 and over with a 9th to 12th grade education and no diploma in Rockingham County and Census Tracts 401.01 and 402 is greater than 10% higher when compared to the state or county.

Table 45. Educational Attainment percentage comparisons to Rockingham County and state (Populations between 18-24 years)

EDUCATIONAL ATTAINMENT (%)					
	NORTH CAROLINA (n=2672)	ROCKINGHAM COUNTY (n=22)	CENSUS TRACT 401.01	CENSUS TRACT 402	CENSUS TRACT 411
Less than High School Graduate	11.44	15.65*	44.28*†	16.56*	25.93*†
High school graduate (includes equivalency)	34.20	39.46*	30.63	36.31	22.69
Population age 18-24 years	999,707	6,615	271	157	432
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					
All bolded* cells indicate a percentage increase of 10% or more in the county or census tract compared to the state .					
All cells bolded† indicate a percentage increase of 10% or more in the census tract when compared to the county .					

Table 46. Educational Attainment percentage comparisons to Rockingham County and state (Populations age 25 years and over)

EDUCATIONAL ATTAINMENTS (%)					
	NORTH CAROLINA (n=2672)	ROCKINGHAM COUNTY (n=22)	CENSUS TRACT 401.01	CENSUS TRACT 402	CENSUS TRACT 411
Less than 9th grade	3.97	4.34	3.27	12.03*†	2.88
9th to 12th grade, no diploma	6.28	11.27*	8.84*	13.37*†	4.42
High school graduate (includes equivalency)	24.96	34.61*	39.89*†	34.05*	33.25*
Bachelor's degree	34.72	16.13	7.22	10.40	15.94

Population age 25 years and over	7,261,810	66,238	2,963	2,693	4,548
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					
All bolded* cells indicate a percentage increase of 10% or more in the county or census tract compared to the state .					
All cells bolded† indicate a percentage increase of 10% or more in the census tract when compared to the county .					

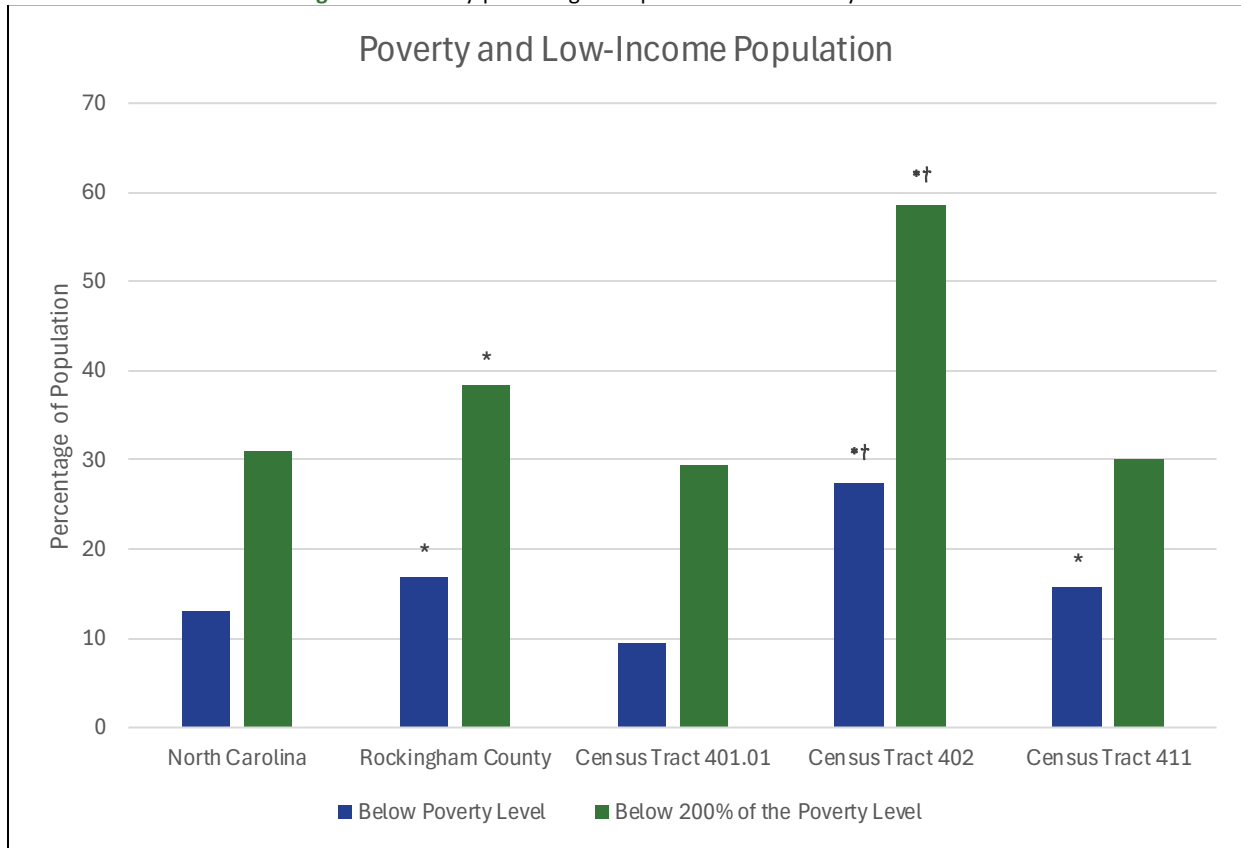
Poverty and Low-income

- Rockingham County and Census Tract 402 has a proportionate population below 200% of the poverty level that is greater than 5% higher than the state and county.
- Rockingham County and Census Tracts 402 and 411 have a proportionate population below the poverty level that is greater than 5% higher than the state or county.

Table 47. Poverty percentage comparisons to Rockingham County and state

POVERTY (%)					
	NORTH CAROLINA (n=2672)	ROCKINGHAM COUNTY (n=22)	CENSUS TRACT 401.01	CENSUS TRACT 402	CENSUS TRACT 411
Below Poverty Level	13.17	16.85*	9.57	27.45*†	15.65*
Below 200% of the Poverty Level	31.03	38.32*	29.48	58.55*†	30.17
Total Population for whom Poverty Status is Determined	10,297,193	89,541	3,721	3,537	6,251
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					
All bolded* cells indicate a percentage increase of 5% or more in the county or census tract compared to the state .					
All cells bolded† indicate a percentage increase of 5% or more in the census tract when compared to the county .					

Figure 14. Poverty percentage comparisons to the county and state



5.4 Water Resources Project Area – Salem Loop

Race and Ethnicity

- Forsyth County Census Tract 32.02 has a proportionate population of people of color that is greater than 10% higher than the state.
- Forsyth County Census Tract 32.02 has a proportionate Black or African American population greater than 10% higher than the state.
- Davidson County Census Tract 602.01 has a proportionate Black or African American population greater than 10% higher than Davidson County.
- Forsyth County Census Tracts 32.02, 33.15, and 34.02 has a proportionate Hispanic or Latino population greater than 10% higher than Forsyth County and the state.
- Davidson County Census Tract 601.04 has a proportionate Hispanic or Latino population greater than 10% higher than Davidson County and the state.
- Forsyth County Census Tract 34.02 has a proportionate American Indian or Alaska Native population greater than 10% higher than Forsyth County.
- Guilford County Census Tracts 159.02, 160.03, and 162.01 have a proportionate Asian population greater than 10% higher than Guilford County and/or the state.
- Forsyth County Census Tracts 32.02 and 33.14 have a proportionate Asian population greater than 10% higher than Forsyth County and/or the state.
- Guilford County Census Tract 159.02 has a proportionate Native Hawaiian or other Pacific Islander population greater than 10% higher than Guilford County and the state.

- Guilford County Census Tracts 159.02 and 160.03 have a proportionate population identifying as “some other race” greater than 10% higher than Guilford County and/or the state.
- Forsyth County Census Tract 33.12 has a proportionate population identifying as “some other race” greater than 10% higher than Forsyth County and the state.
- Guilford County Census Tract 162.01 has a proportionate population identifying as “two or more races” greater than 10% higher than Guilford County and the state.
- Forsyth County Census Tracts 33.14 and 33.15 have a proportionate population identifying as “two or more races” greater than 10% higher than Forsyth County and/or the state.

Table 48. Race & Ethnicity percentage comparisons to the Guilford County and state

RACE & ETHNICITY (%)					
	NORTH CAROLINA (n=2672)	GUILFORD COUNTY (n=126)	CENSUS TRACT 159.02	CENSUS TRACT 160.03	CENSUS TRACT 162.01
White (Not Hispanic)	60.65	46.84	84.21	68.70	78.25
Black or African American	20.29	33.54*	4.59	4.61	7.82
Hispanic or Latino	10.95	9.80	2.52	8.94	0.29
American Indian or Alaska Native	0.85	0.18	0.00	0.00	0.38†
Asian	3.12	5.16*	5.60*	13.63*†	8.30*†
Native Hawaiian or Other Pacific Islander	0.05	0.01	0.22*†	0.00	0.00
Some other Race	0.44	0.66*	0.88*†	0.52*	0.00
Two or More Races	3.66	3.82	1.98	3.60	4.97*†
Total Population	10,584,340	542,987	4,642	4,799	6,919
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					
All bolded* cells indicate a percentage increase of 10% or more for non-white populations in the county or census tract compared to the state .					
All cells bolded† indicate a percentage increase of 10% or more for non-white populations in the census tract when compared to the county .					

Table 49. Race & Ethnicity percentage comparisons to the Forsyth County and state

RACE & ETHNICITY (%)							
	NORTH CAROLINA (n=2672)	FORSYTH COUNTY (n=95)	CENSUS TRACT 32.02	CENSUS TRACT 33.12	CENSUS TRACT 33.14	CENSUS TRACT 33.15	CENSUS TRACT 34.02
White (Not Hispanic)	60.65	54.18	53.70	73.06	81.12	61.77	72.27
Black or African American	20.29	24.94*	24.04*	15.31	3.48	14.33	5.18
Hispanic or Latino	10.95	14.62*	19.27*†	5.64	3.92	18.19*†	20.95*†
American Indian or Alaska Native	0.85	0.16	0.00	0.00	0.00	0.00	0.35†
Asian	3.12	2.32	2.76†	2.31	7.70*†	0.67	0.28
Native Hawaiian or Other Pacific Islander	0.05	0.06	0.00	0.00	0.00	0.00	0.00
Some other Race	0.44	0.49*	0.00	0.94*†	0.00	0.35	0.00
Two or More Races	3.66	3.23	0.22	2.72	3.78†	4.69*†	0.97
Total Population	10,584,340	386,740	4,052	4,147	3,014	3,733	3,188
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate							
All bolded* cells indicate a percentage increase of 10% or more for non-white populations in the county or census tract compared to the state .							
All cells bolded† indicate a percentage increase of 10% or more for non-white populations in the census tract when compared to the county .							

Table 50. Race & Ethnicity percentage comparisons to the Davidson County and state

RACE & ETHNICITY (%)					
	NORTH CAROLINA (n=2672)	DAVIDSON COUNTY (n=42)	CENSUS TRACT 601.04	CENSUS TRACT 602.01	CENSUS TRACT 602.03
White (Not Hispanic)	60.65	76.82	76.95	79.56	88.57
Black or African American	20.29	9.16	5.85	15.52†	6.02

Hispanic or Latino	10.95	8.55	15.27*†	3.90	3.98
American Indian or Alaska Native	0.85	0.12	0.00	0.00	0.00
Asian	3.12	1.52	0.18	0.44	0.00
Native Hawaiian or Other Pacific Islander	0.05	0.01	0.00	0.00	0.00
Some other Race	0.44	0.26	0.00	0.00	0.00
Two or More Races	3.66	3.54	1.74	0.58	1.43
Total Population	10,584,340	171,063	6,543	4,130	6,230
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					
All bolded* cells indicate a percentage increase of 10% or more for non-white populations in the county or census tract compared to the state .					
All cells bolded† indicate a percentage increase of 10% or more for non-white populations in the census tract when compared to the county .					

Figure 15. Race & Ethnicity percentage comparisons to project area counties and the state

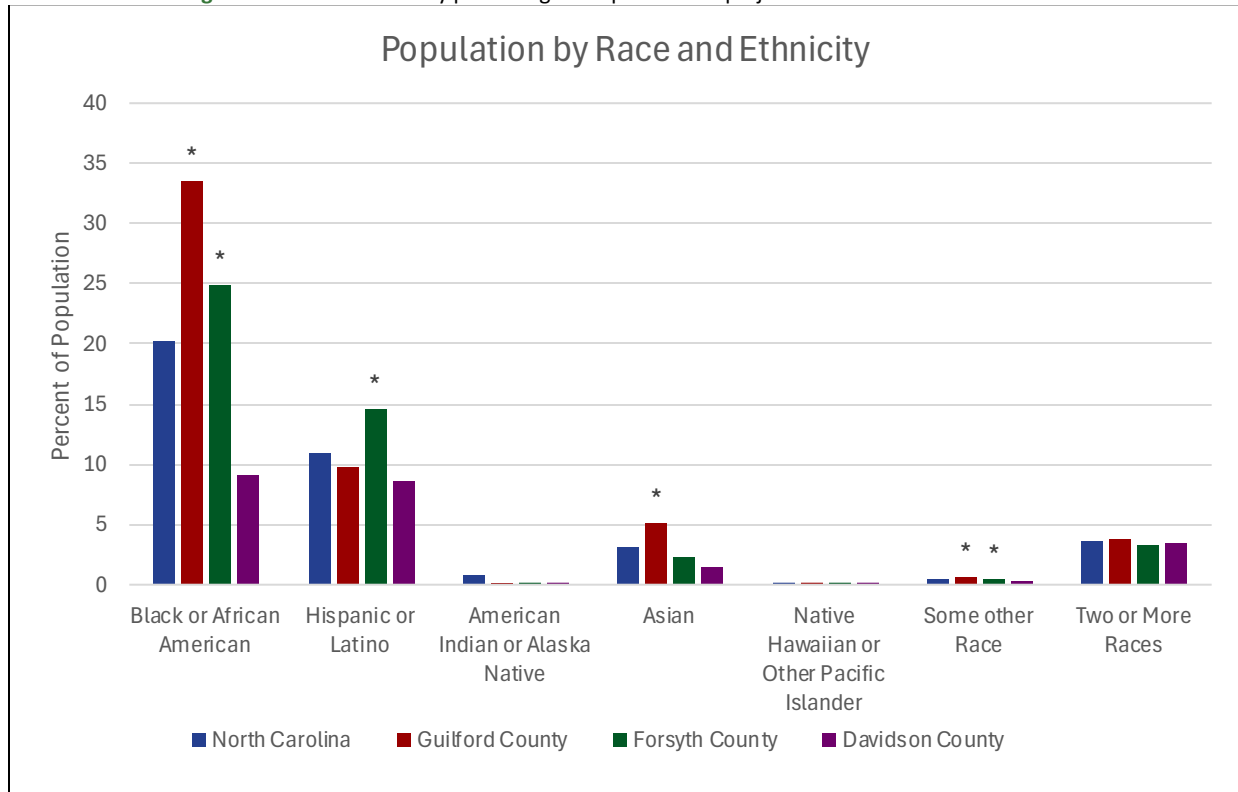


Figure 16. Race & Ethnicity percentage comparisons to project area census tracts

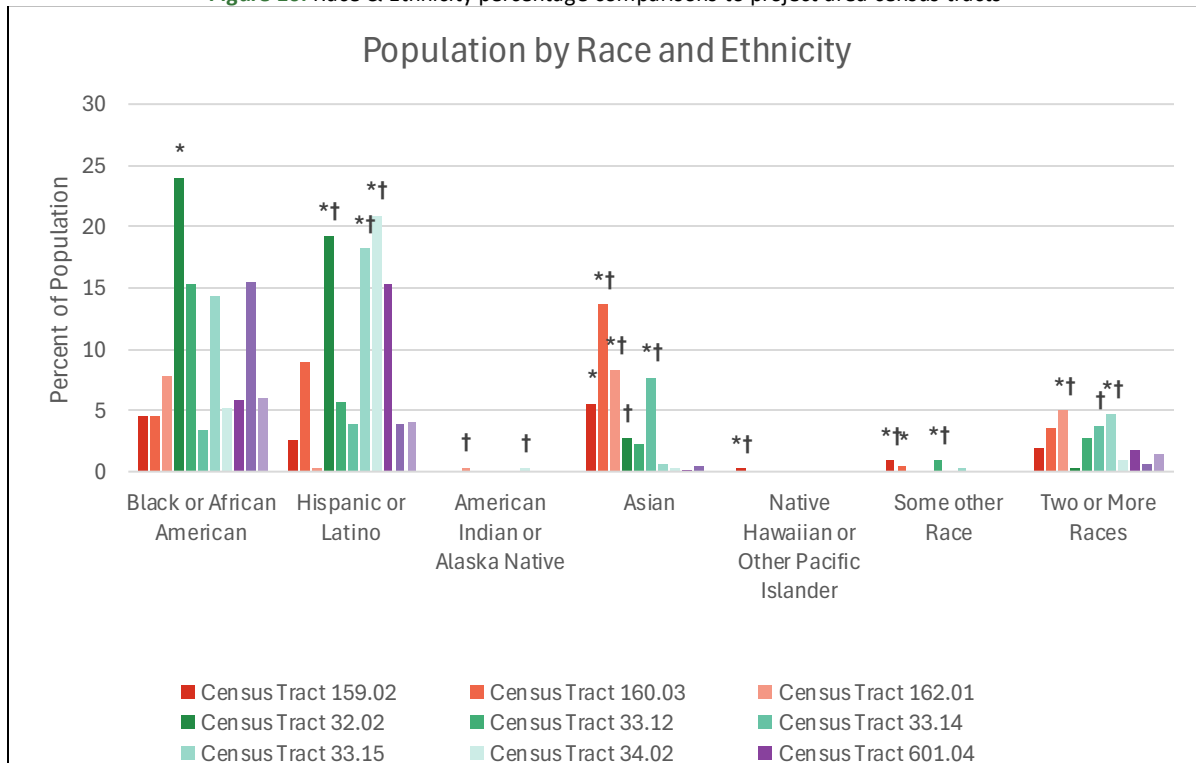


Table 51. Population of color percentage comparisons to Guilford County and state

POPULATION OF COLOR (%)					
	NORTH CAROLINA (n=2672)	GUILFORD COUNTY (n=126)	CENSUS TRACT 159.02	CENSUS TRACT 160.03	CENSUS TRACT 162.01
Population of Color	39.35	53.16*	15.79	31.30	21.75
Total Population	10,584,340	542,987	4,642	4,799	6,919
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					
All bolded* cells indicate a percentage increase of 10% or more for non-white populations in the county or census tract compared to the state .					
All cells bolded+ indicate a percentage increase of 10% or more for non-white populations in the census tract when compared to the county .					

Table 52. Population of color percentage comparisons to Forsyth County and state

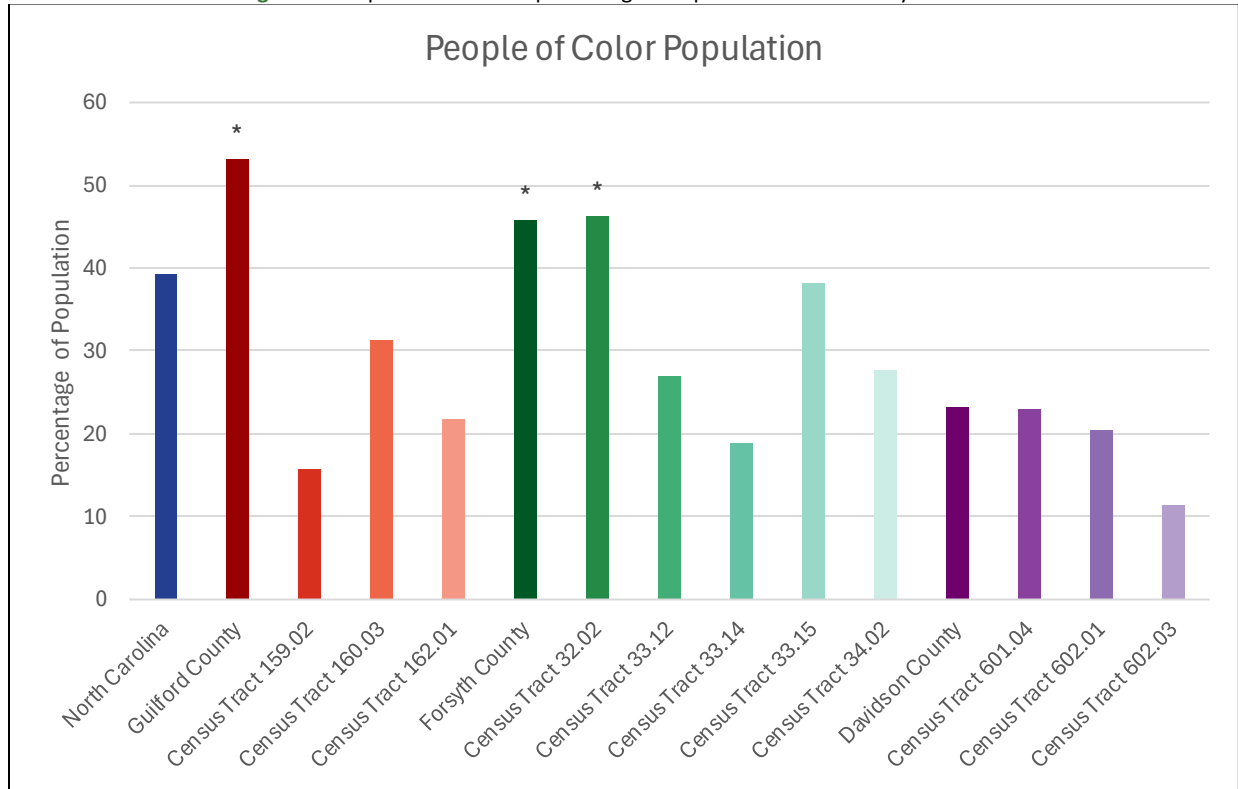
POPULATION OF COLOR (%)							
	NORTH CAROLINA (n=2672)	FORSYTH COUNTY (n=95)	CENSUS TRACT 32.02	CENSUS TRACT 33.12	CENSUS TRACT 33.14	CENSUS TRACT 33.15	CENSUS TRACT 34.02
Population of Color	39.35	45.82*	46.30*	26.94	18.88	38.23	27.73
Total Population	10,584,340	386,740	4,052	4,147	3,014	3,733	3,188
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate							
All bolded* cells indicate a percentage increase of 10% or more for non-white populations in the county or census tract compared to the state .							
All cells bolded+ indicate a percentage increase of 10% or more for non-white populations in the census tract when compared to the county .							

Table 53. Population of color percentage comparisons to Davidson County and state

POPULATION OF COLOR (%)					
	NORTH CAROLINA (n=2672)	DAVIDSON COUNTY (n=42)	CENSUS TRACT 601.04	CENSUS TRACT 602.01	CENSUS TRACT 602.03
Population of Color	39.35	23.18	23.05	20.44	11.43
Total Population	10,584,340	171,063	6,543	4,130	6,230
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					
All bolded* cells indicate a percentage increase of 10% or more for non-white populations in the county or census tract compared to the state .					

All cells **bolded** indicate a percentage increase of 10% or more for non-white populations in the census tract when compared to the **county**.

Figure 17. Population of color percentage comparisons to the county and state



Age and Sex

- Forsyth County Census Tract 33.15 has a proportionate population below 5 years old that is greater than 10% higher than the Forsyth County or the state.
- Davidson County Census Tracts 601.04 and 602.03 have a proportionate population below 5 years old that is greater than 10% higher than the Davidson County or the state.
- Forsyth County Census Tracts 32.02, 33.12, 33.14, and 33.15 have a proportionate population above 65 years old that is greater than 10% higher than the state and/or Forsyth County.
- Davidson County Census Tracts 601.04, 602.01, and 602.03 have a proportionate population above 65 years old that is greater than 10% higher than Forsyth County and/or the state.

Table 54. Median Age & Sex for North Carolina and Guilford County

MEDIAN AGE & SEX						
	NORTH CAROLINA (n=2672)			GUILFORD COUNTY (n=126)		
	Male	Female	Both	Male	Female	Both

Median Age	37.7	40.4	39.1	36.10	38.40	37.40
Total (%)	48.92	51.08		47.47	52.53	
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate						
All bolded* cells indicate a percentage increase of 10% or more in the county compared to the state .						

Table 55. Median Age & Sex for project area census tracts in Guilford County

MEDIAN AGE & SEX									
	CENSUS TRACT 159.02			CENSUS TRACT 160.03			CENSUS TRACT 162.01		
	Male	Female	Both	Male	Female	Both	Male	Female	Both
Median Age	46.30	43.60	45.20	43.50	40.20	40.80	46.00	44.40	44.70
Total (%)	49.50	50.50		46.28	53.72		50.02	49.98	
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate									
All bolded* cells indicate a percentage increase of 10% or more in the county compared to the state .									
All cells bolded† indicate a percentage increase of 10% or more in the census tract when compared to the county.									

Table 56. Median Age & Sex for North Carolina and Forsyth County

MEDIAN AGE & SEX						
	NORTH CAROLINA (n=2672)			FORSYTH COUNTY (n=95)		
	Male	Female	Both	Male	Female	Both
Median Age	37.7	40.4	39.1	36.90	39.60	38.30
Total (%)	48.92	51.08		47.57	52.43	
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate						
All bolded* cells indicate a percentage increase of 10% or more in the county compared to the state .						

Table 57. Median Age & Sex for project area census tracts in Forsyth County

MEDIAN AGE & SEX									
	CENSUS TRACT 32.02			CENSUS TRACT 33.12			CENSUS TRACT 33.14		
	Male	Female	Both	Male	Female	Both	Male	Female	Both
Median Age	41.60	37.20	40.60	37.20	48.40	42.00	47.70	54.20	53.10

Total (%)	39.88	60.12		50.69	49.31		55.18	44.82	
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate									
All bolded* cells indicate a percentage increase of 10% or more in the county compared to the state .									
All cells bolded+ indicate a percentage increase of 10% or more for non-white populations in the census tract when compared to the county .									

Table 58. Median Age & Sex for project area census tracts in Forsyth County (continued)

MEDIAN AGE & SEX						
	CENSUS TRACT 33.15			CENSUS TRACT 34.02		
	Male	Female	Both	Male	Female	Both
Median Age	38.80	42.40	38.90	38.70	49.30	40.20
Total (%)	51.19	48.81		52.32	47.68	
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate						
All bolded* cells indicate a percentage increase of 10% or more in the county compared to the state .						
All cells bolded+ indicate a percentage increase of 10% or more for non-white populations in the census tract when compared to the county .						

Table 59. Median Age & Sex for North Carolina and Davidson County

MEDIAN AGE & SEX						
	NORTH CAROLINA (n=2672)			DAVIDSON COUNTY (n=42)		
	Male	Female	Both	Male	Female	Both
Median Age	37.7	40.4	39.1	41.80	42.90	42.30
Total (%)	48.92	51.08		49.17	50.83	
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate						
All bolded* cells indicate a percentage increase of 10% or more in the county compared to the state .						

Table 60. Median Age & Sex for project area census tracts in Davidson County

MEDIAN AGE & SEX									
	CENSUS TRACT 601.04			CENSUS TRACT 602.01			CENSUS TRACT 602.03		
	Male	Female	Both	Male	Female	Both	Male	Female	Both

Median Age	41.20	45.60	44.40	51.10	51.70	51.50	38.50	38.90	38.70
Total (%)	56.29	43.71		45.54	54.46		48.78	51.22	
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate									
All bolded* cells indicate a percentage increase of 10% or more in the county compared to the state .									
All cells bolded† indicate a percentage increase of 10% or more in the census tract when compared to the county .									

Table 61. Age percentage comparisons to the Guilford County and state

AGE (%)					
	NORTH CAROLINA (n=2672)	GUILFORD COUNTY (n=126)	CENSUS TRACT 159.02	CENSUS TRACT 160.03	CENSUS TRACT 162.01
Below 5 Years Old	5.65	5.62	2.65	5.38	3.64
Above 65 Years Old	16.88	15.62	13.10	12.27	11.63
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					
All bolded* cells indicate a percentage increase of 10% or more in the county or census tract compared to the state .					
All cells bolded† indicate a percentage increase of 10% or more in the census tract when compared to the county .					

Table 62. Age percentage comparisons to the Forsyth County and state

AGE (%)							
	NORTH CAROLINA (n=2672)	FORSYTH COUNTY (n=95)	CENSUS TRACT 32.02	CENSUS TRACT 33.12	CENSUS TRACT 33.14	CENSUS TRACT 33.15	CENSUS TRACT 34.02
Below 5 Years Old	5.65	5.75	3.85	4.82	4.05	8.20*†	2.92
Above 65 Years Old	16.88	16.61	18.56†	25.01*†	29.30*†	19.72*†	17.16
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate							
All bolded* cells indicate a percentage increase of 10% or more in the county or census tract compared to the state .							
All cells bolded† indicate a percentage increase of 10% or more in the census tract when compared to the county .							

Table 63. Age percentage comparisons to the Davidson County and state

AGE (%)					
	NORTH CAROLINA (n=2672)	DAVIDSON COUNTY (n=42)	CENSUS TRACT 601.04	CENSUS TRACT 602.01	CENSUS TRACT 602.03
Below 5 Years Old	5.65	5.35	6.25*†	0.75	9.09*†
Above 65 Years Old	16.88	18.61*	18.66*	27.22*†	18.67*
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					
All bolded* cells indicate a percentage increase of 10% or more in the county or census tract compared to the state .					
All cells bolded† indicate a percentage increase of 10% or more in the census tract when compared to the county .					

Disability

- Forsyth County Census Tract 32.02 has a population living with a disability that is greater than 10% higher when compared to the Forsyth County or the state.
- Davidson County Census Tracts 602.01 and 602.03 have a population living with a disability that is greater than 10% higher when compared to the state.

Table 64. Disability percentage comparisons to the Guilford County and state

DISABILITY (%)					
	NORTH CAROLINA (n=2672)	GUILFORD COUNTY (n=126)	CENSUS TRACT 159.02	CENSUS TRACT 160.03	CENSUS TRACT 162.01
Population with a Disability	13.37	11.95	6.83	6.40	5.97
Type of Difficulty					
Hearing	27.67	23.12	27.13†	11.73	29.78†
Vision	18.85	18.00	17.03	17.59	24.21*†
Cognitive	38.59	42.87*	46.06*	38.76	35.84
Ambulatory	50.26	48.60	45.11	58.63*†	51.82
Self-care	18.19	20.17*	12.62	7.17	27.85*†
Independent Living	33.65	35.02	45.11*†	29.32	29.54
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					

All **bolded*** cells indicate a percentage increase of 10% or more in the county or census tract compared to the **state**.

All cells **bolded†** indicate a percentage increase of 10% or more in the census tract when compared to the **county**.

Table 65. Disability percentage comparisons to the Forsyth County and state

DISABILITY (%)							
	NORTH CAROLINA (n=2672)	FORSYTH COUNTY (n=95)	CENSUS TRACT 32.02	CENSUS TRACT 33.12	CENSUS TRACT 33.14	CENSUS TRACT 33.15	CENSUS TRACT 34.02
Population with a Disability	13.37	12.57	16.29*†	12.23	12.91	10.99	13.11
Type of Difficulty							
Hearing	27.67	22.63	29.09†	44.18*†	42.67*†	32.75*†	15.07
Vision	18.85	17.52	13.03	9.66	29.05*†	16.87	15.07
Cognitive	38.59	41.41	28.79	37.48	32.13	41.94	61.72*†
Ambulatory	50.26	50.20	51.36	42.41	34.19	41.69	33.49
Self-care	18.19	18.40	6.21	9.07	10.80	4.96	10.05
Independent Living	33.65	34.55	28.64	43.39*†	19.79	54.09*†	75.36*†
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate							
All bolded* cells indicate a percentage increase of 10% or more in the county or census tract compared to the state .							
All cells bolded† indicate a percentage increase of 10% or more in the census tract when compared to the county .							

Table 66. Disability percentage comparisons to the Davidson County and state

DISABILITY (%)					
	NORTH CAROLINA (n=2672)	DAVIDSON COUNTY (n=42)	CENSUS TRACT 601.04	CENSUS TRACT 602.01	CENSUS TRACT 602.03
Population with a Disability	13.37	15.41*	8.97	16.30*	16.35*
Type of Difficulty					
Hearing	27.67	26.86	41.40*†	31.80*†	25.47
Vision	18.85	20.94*	21.29*	23.92*†	15.16
Cognitive	38.59	36.18	42.08†	30.01	29.04
Ambulatory	50.26	54.44	56.22*	55.72*	42.52
Self-care	18.19	18.09	21.64*†	21.10*†	11.79

Independent Living	33.65	33.80	50.77*†	27.04	23.39
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					
All bolded* cells indicate a percentage increase of 10% or more in the county or census tract compared to the state .					
All cells bolded† indicate a percentage increase of 10% or more in the census tract when compared to the county .					

Limited English Proficiency

- The population of Spanish-speaking persons with limited-English proficiency is greater than 5% of the overall population ages 5 and over in Forsyth County Census Tracts 32.02 and 33.15.
- The proportion of Spanish-speaking persons with limited-English proficiency in Forsyth County Census Tracts 32.02, 33.15, and 34.02 is greater than 5% higher when compared to the state and/or Forsyth County.
- The proportion of German or other West Germanic language-speaking persons with limited-English proficiency in Forsyth County Census Tract 32.02 is greater than 5% higher when compared to the state and/or Forsyth County.
- The proportion of Russian, Polish, or other Slavic language-speaking persons with limited-English proficiency in Forsyth County Census Tract 33.15 is greater than 5% higher when compared to the state and/or Forsyth County.
- The proportion of Chinese-speaking persons with limited-English proficiency in Guilford County Census Tracts 159.02 and 162.01 is greater than 5% higher when compared to the state and Guilford County.
- The proportion of Vietnamese-speaking persons with limited-English proficiency in Guilford County Census Tract 160.03 is greater than 5% higher when compared to the state and Guilford County.
- The proportion of Korean-speaking persons with limited-English proficiency in Guilford County Census Tract 159.02 is greater than 5% higher when compared to the state and Guilford County.
- The proportion of Tagalog-speaking persons with limited-English proficiency in Forsyth County Census Tract 33.15 is greater than 5% higher when compared to the state and/or Forsyth County.
- The proportion of Other Asian and Pacific Island language-speaking persons with limited-English proficiency in Guilford County Census Tracts 159.02 and 160.03 is greater than 5% higher when compared to the state and/or Guilford County.
- The proportion of Other Indo-European language-speaking persons with limited-English proficiency in Guilford County Census Tracts 162.01 is greater than 5% higher when compared to the state and Guilford County.
- The proportion of Other Indo-European language-speaking persons with limited-English proficiency in Forsyth County Census Tracts 32.02 and 34.02 is greater than 5% higher when compared to the state and Forsyth County.

Table 67. Limited English Proficiency percentage comparisons to Guilford County and state

LIMITED ENGLISH PROFICIENCY (%)					
	NORTH CAROLINA (n=2672)	GUILFORD COUNTY (n=126)	CENSUS TRACT 159.02	CENSUS TRACT 160.03	CENSUS TRACT 162.01
Speak only English	86.98	84.10	90.51†	86.90	88.75†
Spanish	3.47	2.95	0.00	0.81	0.24
French, Haitian, or Cajun	0.10	0.19*	0.00	0.00	0.00
German or other West Germanic languages	0.04	0.03	0.00	0.00	0.00
Russian, Polish, or other Slavic languages	0.10	0.18*	0.00	0.00	0.00
Chinese (including Mandarin, Cantonese)	0.16	0.18*	1.37*†	0.00	0.87*†
Vietnamese	0.16	0.13	0.00	0.88*†	0.00
Korean	0.08	0.11*	0.40*†	0.00	0.00
Tagalog (including Filipino)	0.04	0.07*	0.00	0.00	0.00
Other Asian and Pacific Island Languages	0.27	0.55*	0.49*	1.89*†	0.00
Other Indo-European Languages	0.27	0.62*	0.00	0.24	2.71*†
Arabic	0.11	0.43*	0.00	0.00	0.00
Total Population 5 Years and over	9,986,027	512,447	4,519	4,541	6,667
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					
All bolded* cells indicate a percentage increase of 5% or more in the county or census tract compared to the state .					
All cells bolded† indicate a percentage increase of 5% or more in the census tract when compared to the county .					

Table 68. Limited English Proficiency percentage comparisons to Forsyth County and state

LIMITED ENGLISH PROFICIENCY (%)							
	NORTH CAROLINA (n=2672)	FORSYTH COUNTY (n=95)	CENSUS TRACT 32.02	CENSUS TRACT 33.12	CENSUS TRACT 33.14	CENSUS TRACT 33.15	CENSUS TRACT 34.02
Speak only English	86.98	84.62	80.65	93.16*†	89.00†	85.67	81.10
Spanish	3.47	4.62*	9.52*†	2.18	1.11	6.22*†	4.30*
French, Haitian, or Cajun	0.10	0.07	0.00	0.00	0.00	0.00	0.00
German or other West Germanic languages	0.04	0.03	0.44*†	0.00	0.00	0.00	0.00
Russian, Polish, or other Slavic languages	0.10	0.06	0.00	0.00	0.00	0.20*†	0.00
Chinese (including Mandarin, Cantonese)	0.16	0.24*	0.00	0.00	0.00	0.00	0.00
Vietnamese	0.16	0.03	0.00	0.00	0.00	0.00	0.00
Korean	0.08	0.02	0.00	0.00	0.00	0.00	0.00
Tagalog (including Filipino)	0.04	0.04	0.00	0.00	0.00	0.73*†	0.00
Other Asian and Pacific Island Languages	0.27	0.14	0.00	0.00	0.00	0.00	0.00
Other Indo-European Languages	0.27	0.18	0.33*†	0.00	0.00	0.00	0.29*†
Arabic	0.11	0.07	0.00	0.00	0.00	0.00	0.00
Total Population 5 Years and over	9,986,027	364,505	3,896	3,947	2,892	3,427	3,095
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate							
All bolded* cells indicate a percentage increase of 5% or more in the county or census tract compared to the state .							
All cells bolded† indicate a percentage increase of 5% or more in the census tract when compared to the county .							

Table 69. Limited English Proficiency percentage comparisons to Davidson County and state

LIMITED ENGLISH PROFICIENCY (%)					
	NORTH CAROLINA (n=2672)	DAVIDSON COUNTY (n=42)	CENSUS TRACT 601.04	CENSUS TRACT 602.01	CENSUS TRACT 602.03
Speak only English	86.98	91.01	95.52*	95.41*	95.18*
Spanish	3.47	2.53	0.00	2.05	0.00
French, Haitian, or Cajun	0.10	0.00	0.00	0.00	0.00
German or other West Germanic languages	0.04	0.06*	0.00	0.00	0.00
Russian, Polish, or other Slavic languages	0.10	0.03	0.00	0.00	0.00
Chinese (including Mandarin, Cantonese)	0.16	0.09	0.00	0.00	0.00
Vietnamese	0.16	0.06	0.00	0.00	0.00
Korean	0.08	0.05	0.00	0.00	0.00
Tagalog (including Filipino)	0.04	0.08*	0.00	0.00	0.00
Other Asian and Pacific Island Languages	0.27	0.26	0.00	0.00	0.00
Other Indo-European Languages	0.27	0.09	0.00	0.00	0.00
Arabic	0.11	0.00	0.00	0.00	0.00
Total Population 5 Years and over	9,986,027	161,904	6,134	4,099	5,664
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					
All bolded* cells indicate a percentage increase of 5% or more in the county or census tract compared to the state .					
All cells bolded* indicate a percentage increase of 5% or more in the census tract when compared to the county .					

Educational Attainment

- The proportion of the population 18-24 years old with less than a high school education in Guilford County Census Tracts 159.02 and 162.01 is greater than 10% higher when compared to the state and Guilford County.
- The proportion of the population 18-24 years old with less than a high school education in Forsyth County Census Tracts 32.02 and 33.12 is greater than 10% higher when compared to the state and Forsyth County.
- The proportion of the population 18-24 years old with less than a high school education in Davidson County Census Tract 602.03 is greater than 10% higher when compared to the state and Davidson County.
- The proportion of the population 25 and over with less than a 9th grade education in Forsyth County Census Tracts 32.02, 33.12, and 34.02 is greater than 10% higher when compared to the state or Forsyth County.
- The population 25 and over with a 9th to 12th grade education and no diploma in Forsyth County Census Tract 33.15 and 34.02 is greater than 10% higher when compared to the state or Forsyth County.
- The population 25 and over with a 9th to 12th grade education and no diploma in Davidson County Census Tract 602.03 is greater than 10% higher when compared to the state.

Table 70. Educational Attainment percentage comparisons to Guilford County and state (Populations between 18-24 years)

EDUCATIONAL ATTAINMENT (%)					
	NORTH CAROLINA (n=2672)	GUILFORD COUNTY (n=126)	CENSUS TRACT 159.02	CENSUS TRACT 160.03	CENSUS TRACT 162.01
Less than High School Graduate	11.44	8.80	30.53*†	3.94	18.24*†
High school graduate (includes equivalency)	34.20	28.19	53.10*†	20.87	15.94
Population age 18-24 years	999,707	63,313	226	254	433
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					
All bolded* cells indicate a percentage increase of 10% or more in the county or census tract compared to the state .					
All cells bolded† indicate a percentage increase of 10% or more in the census tract when compared to the county .					

Table 71. Educational Attainment percentage comparisons to Forsyth County and state (Populations between 18-24 years)

EDUCATIONAL ATTAINMENT (%)							
	NORTH CAROLINA (n=2672)	FORSYTH COUNTY (n=95)	CENSUS TRACT 32.02	CENSUS TRACT 33.12	CENSUS TRACT 33.14	CENSUS TRACT 33.15	CENSUS TRACT 34.02
Less than High School Graduate	11.44	12.87*	21.78*†	17.25*†	0.00	11.40	0.00
High school graduate (includes equivalency)	34.20	35.44	8.60	4.71	26.49	22.43	13.91
Population age 18-24 years	999,707	38,617	349	255	302	272	345
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate							
All bolded* cells indicate a percentage increase of 10% or more in the county or census tract compared to the state .							
All cells bolded† indicate a percentage increase of 10% or more in the census tract when compared to the county .							

Table 72. Educational Attainment percentage comparisons to Davidson County and state (Populations between 18-24 years)

EDUCATIONAL ATTAINMENT (%)					
	NORTH CAROLINA (n=2672)	DAVIDSON COUNTY (n=42)	CENSUS TRACT 601.04	CENSUS TRACT 602.01	CENSUS TRACT 602.03
Less than High School Graduate	11.44	15.74*	2.28	8.28	18.18*†
High school graduate (includes equivalency)	34.20	42.47*	49.86*†	26.63	33.69
Population age 18-24 years	999,707	13,053	351	169	374
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					
All bolded* cells indicate a percentage increase of 10% or more in the county or census tract compared to the state .					
All cells bolded† indicate a percentage increase of 10% or more in the census tract when compared to the county .					

Table 73. Educational Attainment percentage comparisons to Guilford County and state (Populations age 25 years and over)

EDUCATIONAL ATTAINMENTS (%)					
	NORTH CAROLINA (n=2672)	GUILFORD COUNTY (n=126)	CENSUS TRACT 159.02	CENSUS TRACT 160.03	CENSUS TRACT 162.01
Less than 9th grade	3.97	3.80	0.28	2.73	0.54
9th to 12th grade, no diploma	6.28	5.92	0.31	0.63	0.78
High school graduate (includes equivalency)	24.96	22.62	15.21	21.66	17.48
Bachelor's degree	34.72	38.10	59.55*†	48.16*†	50.90*†
Population age 25 years and over	7,261,810	359,349	3,209	3,185	4,982
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					
All bolded* cells indicate a percentage increase of 10% or more in the county or census tract compared to the state .					
All cells bolded† indicate a percentage increase of 10% or more in the census tract when compared to the county .					

Table 74. Educational Attainment percentage comparisons to Forsyth County and state (Populations age 25 years and over)

EDUCATIONAL ATTAINMENTS (%)							
	NORTH CAROLINA (n=2672)	FORSYTH COUNTY (n=95)	CENSUS TRACT 32.02	CENSUS TRACT 33.12	CENSUS TRACT 33.14	CENSUS TRACT 33.15	CENSUS TRACT 34.02
Less than 9th grade	3.97	4.13	5.20*†	7.36*†	0.00	3.04	8.07*†
9th to 12th grade, no diploma	6.28	5.94	5.69	4.11	2.51	8.49*†	7.34*†
High school graduate (includes equivalency)	24.96	24.13	26.93†	20.01	28.29*†	28.66*†	21.01
Bachelor's degree	34.72	36.87	34.60	37.32	30.71	25.66	31.15

Population age 25 years and over	7,261,810	259,909	2,636	3,138	2,234	2,732	2,180
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate							
All bolded* cells indicate a percentage increase of 10% or more in the county or census tract compared to the state .							
All cells bolded† indicate a percentage increase of 10% or more in the census tract when compared to the county .							

Table 75. Educational Attainment percentage comparisons to Davidson County and state (Populations age 25 years and over)

EDUCATIONAL ATTAINMENTS (%)					
	NORTH CAROLINA (n=2672)	DAVIDSON COUNTY (n=42)	CENSUS TRACT 601.04	CENSUS TRACT 602.01	CENSUS TRACT 602.03
Less than 9th grade	3.97	4.30	0.00	1.74	0.37
9th to 12th grade, no diploma	6.28	8.00*	1.61	3.31	8.23*
High school graduate (includes equivalency)	24.96	32.48*	33.80*	35.39*	28.85*
Bachelor's degree	34.72	20.72	35.98†	22.80†	23.96†
Population age 25 years and over	7,261,810	120,730	4,352	3,439	4,620
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					
All bolded* cells indicate a percentage increase of 10% or more in the county or census tract compared to the state .					
All cells bolded† indicate a percentage increase of 10% or more in the census tract when compared to the county .					

Poverty and Low-income

- Forsyth County Census Tracts 32.02 and 34.02 have a proportionate population below 200% of the poverty level that is greater than 5% higher than the state or Forsyth County.
- Forsyth County Census Tracts 32.02 and 34.02 have a proportionate population below the poverty level that is greater than 5% higher than the state and Forsyth County.

Table 76. Poverty percentage comparisons to Guilford County and state

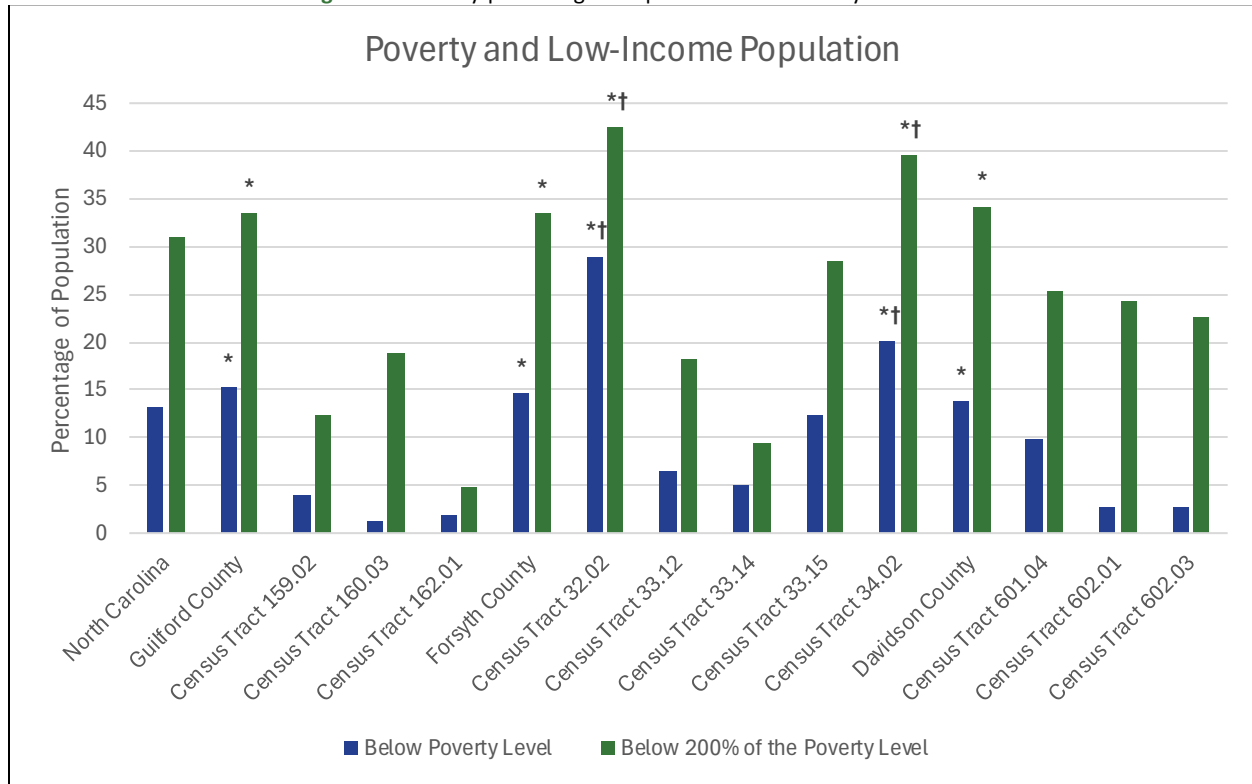
POVERTY (%)					
	NORTH CAROLINA (n=2672)	GUILFORD COUNTY (n=126)	CENSUS TRACT 159.02	CENSUS TRACT 160.03	CENSUS TRACT 162.01
Below Poverty Level	13.17	15.22*	4.05	1.25	1.94
Below 200% of the Poverty Level	31.03	33.50*	12.30	18.75	4.73
Total Population for whom Poverty Status is Determined	10,297,193	519697	4,642	4,799	6,919
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					
All bolded* cells indicate a percentage increase of 5% or more in the county or census tract compared to the state .					
All cells bolded† indicate a percentage increase of 5% or more in the census tract when compared to the county .					

Table 77. Poverty percentage comparisons to Forsyth County and state

POVERTY (%)							
	NORTH CAROLINA (n=2672)	FORSYTH COUNTY (n=95)	CENSUS TRACT 32.02	CENSUS TRACT 33.12	CENSUS TRACT 33.14	CENSUS TRACT 33.15	CENSUS TRACT 34.02
Below Poverty Level	13.17	14.70*	28.97*†	6.53	5.10	12.44	20.14*†
Below 200% of the Poverty Level	31.03	33.41*	42.47*†	18.14	9.53	28.56	39.55*†
Total Population for whom Poverty Status is Determined	10,297,193	376368	4,052	4,101	3,001	3,705	3,188
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate							
All bolded* cells indicate a percentage increase of 5% or more in the county or census tract compared to the state .							
All cells bolded† indicate a percentage increase of 5% or more in the census tract when compared to the county .							

Table 78. Poverty percentage comparisons to Davidson County and state

POVERTY (%)					
	NORTH CAROLINA (n=2672)	DAVIDSON COUNTY (n=42)	CENSUS TRACT 601.04	CENSUS TRACT 602.01	CENSUS TRACT 602.03
Below Poverty Level	13.17	13.83*	9.75	2.71	2.75
Below 200% of the Poverty Level	31.03	34.22*	25.28	24.38	22.62
Total Population for whom Poverty Status is Determined	10,297,193	169012	6,543	4,130	6,225
Source: US Census Bureau, 2023 American Community Survey (ACS) 5-year estimate					
All bolded* cells indicate a percentage increase of 5% or more in the county or census tract compared to the state .					
All cells bolded† indicate a percentage increase of 5% or more in the census tract when compared to the county .					

Figure 18. Poverty percentage comparisons to the county and state

6. Health & Cumulative Impacts

6.1 County Health Outcome Ranks

For this report, the Community Engagement Program examined how sensitive populations in the counties identified in Section 4 compared to the rest of the state’s population health and well-being and community conditions. The University of Wisconsin Population Health Institute, in collaboration with the Robert Wood Johnson Foundation, calculated County Health Rankings for all the states in the United States (www.countyhealthrankings.org). This 2025 County Health Rankings National Data¹⁰ is based on population health and well-being (measured by indicators such as lifespan and self-reported health status) and community conditions (such as environmental, social, and economic conditions). **Figure 19** and **Figure 20** display rankings for all 100 counties in North Carolina on a scale from “least healthy” to “healthiest”.

Rankings are provided as a z-score value between –2 (healthiest) and 2 (least healthy), which are sorted into ranges. Population health and well-being scores and community conditions score for counties in the project areas are detailed below. Scores in the two least healthy ranges for the state for each indicator ranking are highlighted below **Table 79**.

¹⁰ County Health Rankings & Roadmaps, University of Wisconsin Population Health Institute. 2025 Annual Data Release. <https://www.countyhealthrankings.org/explore-health-rankings/rankings-data-documentation>.

Table 79. 2025 County Health Rankings in project area counties

County	Health and Well Being Ranking	Community Conditions Ranking
Davidson	0.19	0.01
Forsyth	-0.17	-0.18
Guilford	-0.19	-0.32
Iredell	-0.58	-0.44
Mecklenburg	-0.74	-0.51
Rockingham	0.51	0.25
A *bold value indicates an indicator ranking within the two least healthy ranges for the state.		

Figure 19. NC County Population Health and Well-being Ranks for 2025

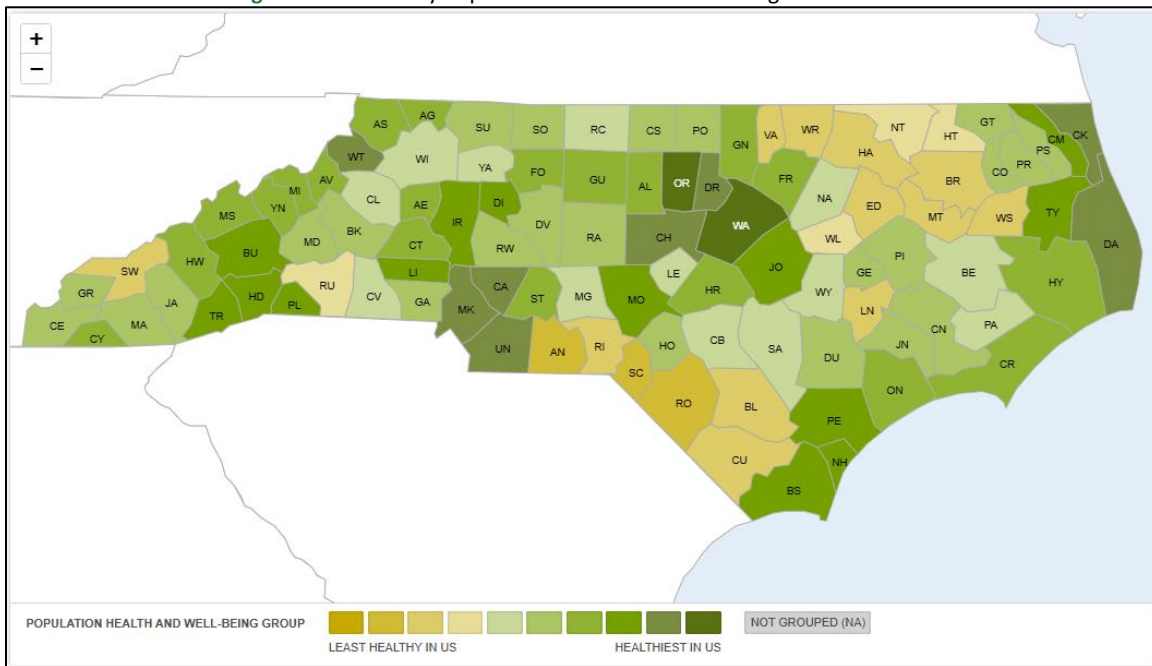
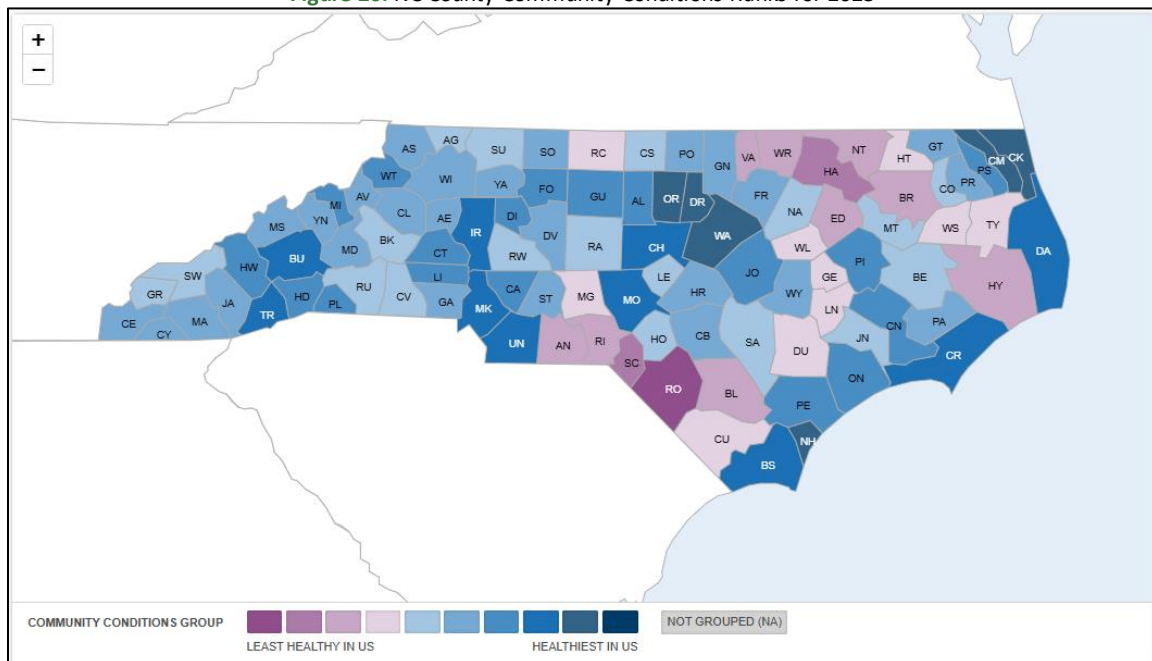


Figure 20. NC County Community Conditions Ranks for 2025



6.2 CDC/ATSDR Index

Cumulative impacts are the combined environmental burdens, pre-existing health conditions, and social factors which may harm human health.¹¹ At this time, there is no formal, standardized method to assess

¹¹ *Federal Health Agencies Unveil National Tool to Measure Health Impacts of Environmental Burdens.* (2022). Centers for Disease Control and Prevention (CDC). <https://www.cdc.gov/media/releases/2022/p0810-environmental-burdens.html>.

cumulative impacts. However, cumulative impacts that may affect public health and quality of life are a frequently raised concern among communities across the nation.

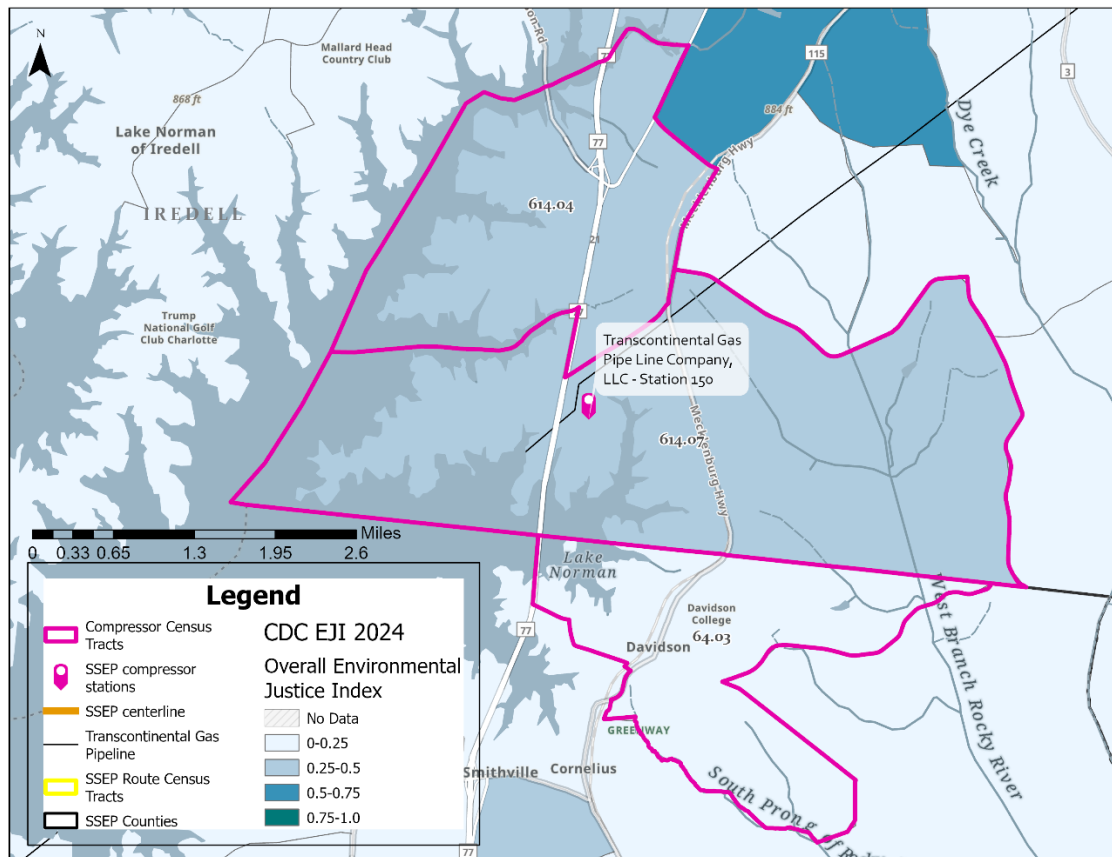
[CDC/ATSDR Index](#) (CDC Index) scores were sourced from the Centers for Disease Control and Prevention (CDC) and the Agency for Toxic Substances and Disease Registry (ATSDR; See Appendix E for more information on the CDC's Index score and model). CDC Index scores were sourced from the CDC (See Appendix B).

The CDC Index delivers a single score ranging from 0.0 – 1.0 with a score of 1.0 representing a community with the highest environmental burdens for each census tract. The composite score is calculated from a variety of social, environmental, and health indicators. The CDC considers census tracts with a CDC Index score between 0.75 – 1.0 to be highly burdened areas. The CDC estimates that 13.7% of North Carolina residents live in highly burdened areas.

Compressor Station 150

According to the CDC Index Explorer, Iredell County Census Tract 614.07 – where Compressor Station 150 is located – has a CDC Index score of 0.33 (**Figure 21; Table 80**). This means 33% of census tracts in the United States have fewer environmental burdens than Census Tract 614.07 and that 66% of census tracts in the United States have higher environmental burdens. According to CDC's definition, Census Tract 614.07 is not considered a highly burdened area.

Census tracts within a one-mile radius of Compressor Station 150 have scores ranging from 0.08 to 0.38. According to the CDC's definition, no census tracts within the one-mile radius of the facility are considered highly burdened. In Iredell County 7 out of 46 census tracts are considered highly burdened, which account for 12.9% of residents in the county. In Mecklenburg County 36 out of 302 census tracts are considered highly burdened, which account for 11.7% of residents in the county. (see Appendix E).

Figure 21. Census tracts within the one-mile radius of Compressor Station 150 and corresponding CDC Index scores**Table 80.** Census tracts within the one-mile radius of Compressor Station 150 and corresponding CDC Index scores

County	Census Tract	CDC Index Score	National Percentile	Overall CDC Index Rank
Iredell	614.07	0.33	33%	Low-Moderate
	614.04	0.38	38%	Low-Moderate
Mecklenburg	62.16	0.08	8%	Low
	64.03	0.13	13%	Low

A ***bold** value indicates a **high** overall CDC Index Rank (within the nation's top 25th percentile)

Compressor Station 155

According to the CDC Index Explorer, Davidson County Census Tract 603.03 – where Compressor Station 155 is located – has a CDC Index score of 0.35 (**Figure 22; Table 81**). This means 35% of census tracts in the United States have fewer environmental burdens than Census Tract 603.03 and that 65% of census tracts in the United States have higher environmental burdens. According to CDC's definition, Census Tract 603.03 is not considered a highly burdened area.

Census tracts within a one-mile radius of Compressor Station 155 have scores ranging from 0.08 to 0.50. According to the CDC's definition, no census tracts within the one-mile radius of the facility are

considered highly burdened. In Davidson County, 9 out of 42 census tracts are considered highly burdened, which account for 20% of residents in the county (see Appendix E).

Figure 22. Census tracts within the one-mile radius of Compressor Station 155 and corresponding CDC Index scores

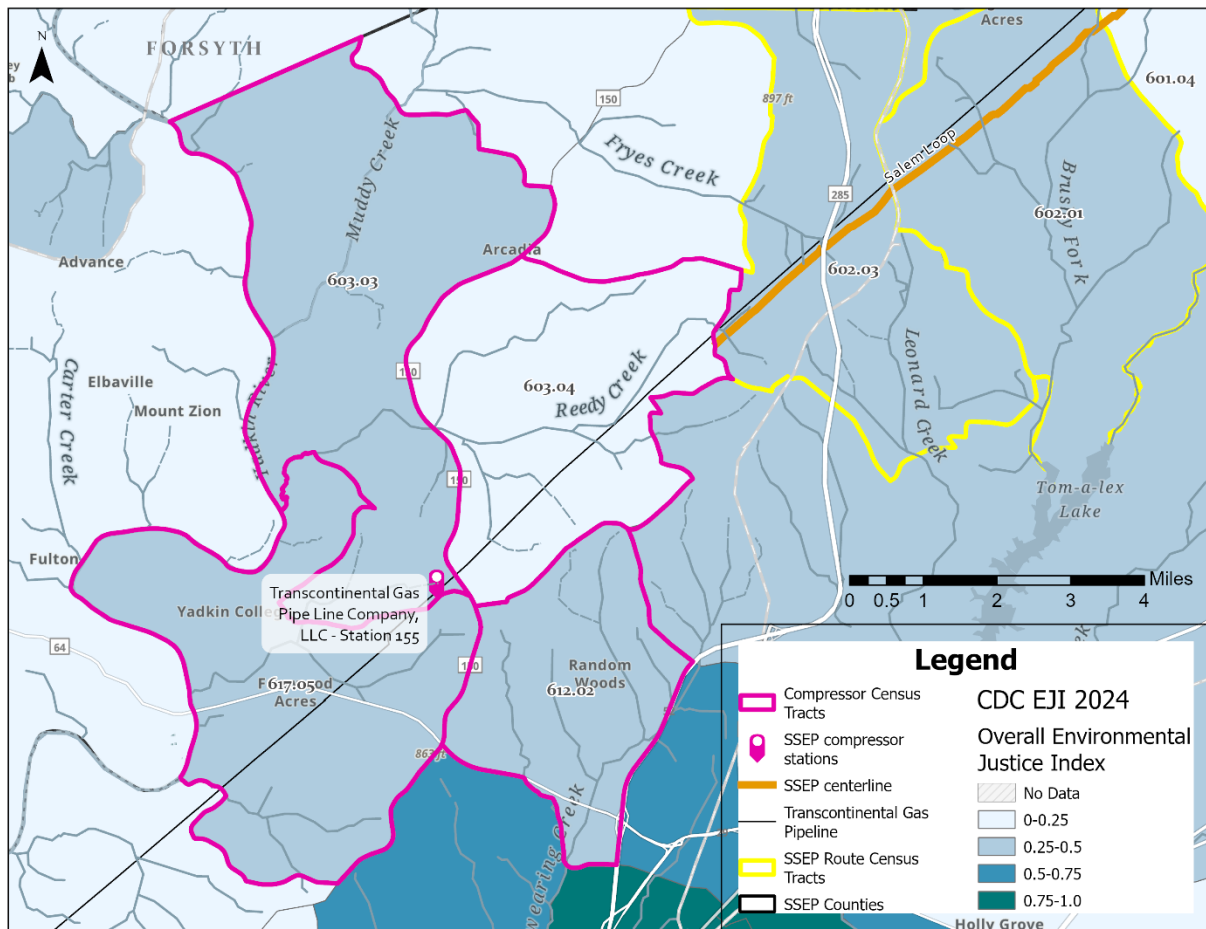


Table 81. Census tracts within the one-mile radius of Compressor Station 155 and corresponding CDC Index scores

County	Census Tract	CDC Index Score	National Percentile	Overall CDC Index Rank
Davidson	603.03	0.35	35%	Low-Moderate
	603.04	0.08	8%	Low
	612.02	0.50	50%	Low-Moderate
	617.05	0.49	49%	Low-Moderate

A ***bold** value indicates a **high** overall CDC Index Rank (within the nation's top 25th percentile)

Eden Loop

The Eden Loop pipeline route crosses through 3 census tracts in Rockingham County (Census Tracts 401.01, 402, 411). Index scores for census tracts along the route range from 0.58 to 0.93 and are shown in **Figure 23** and **Table 82**.

Among the 3 census tracts intersecting the Eden Loop, Census Tract 402 is considered highly burdened according to the CDC definition.

Figure 23. Census tracts that intersect with the Eden Loop pipeline route and corresponding CDC Index scores

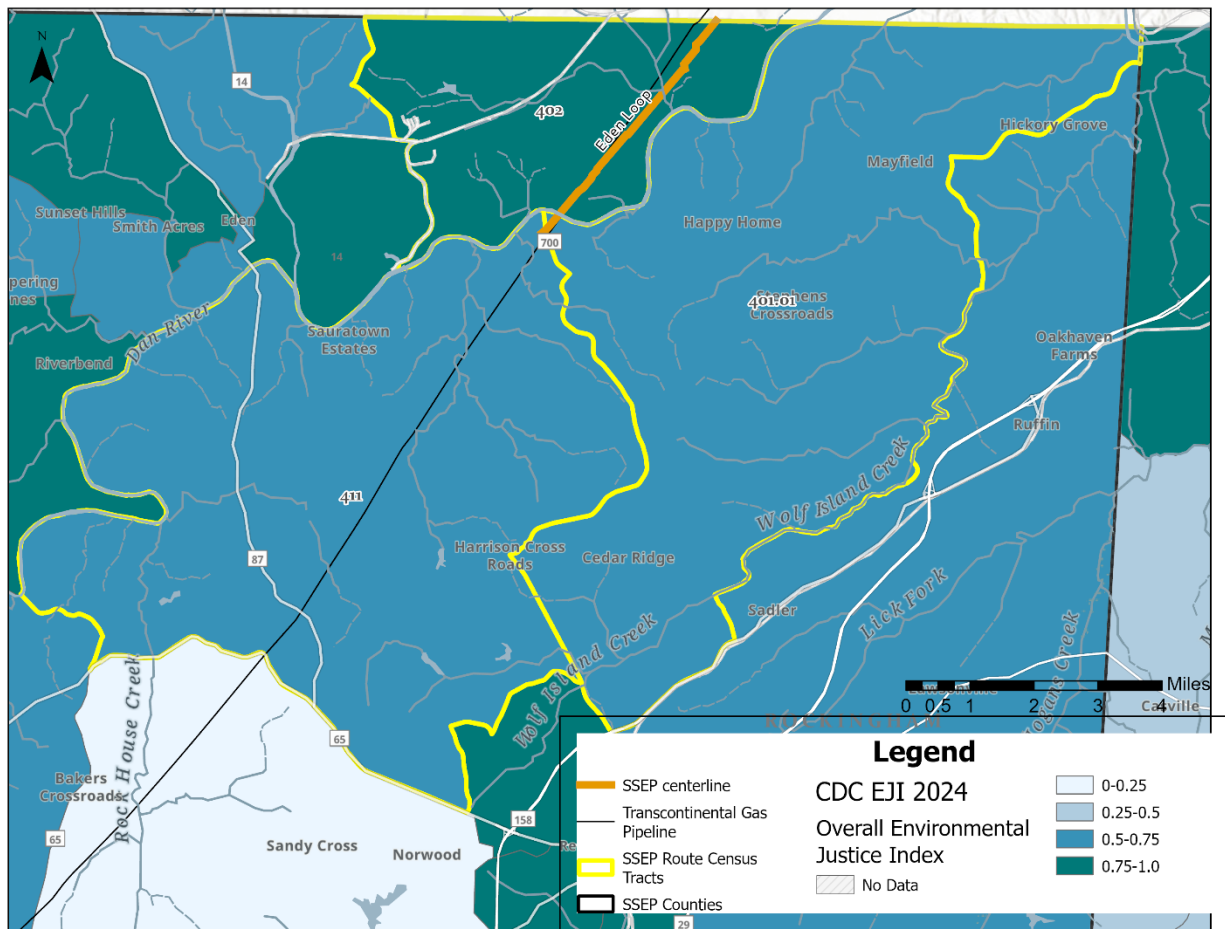


Table 82. Census tracts that intersect with the Eden Loop pipeline route and corresponding CDC Index scores

County	Census Tract	CDC Index Score	National Percentile	Overall CDC Index Rank
Rockingham	401.01	0.58	58%	Moderate-High
	402	*0.93	*93%	*High – top 10%
	411	0.58	58%	Moderate-High
A *bold value indicates a high overall CDC Index Rank (within the nation's top 25 th percentile)				

In Rockingham County, 8 out of 22 census tracts are considered highly burdened, which account for 34.6% of residents in the county (see Appendix E).

Salem Loop

The Salem Loop pipeline route crosses through 11 census tracts in Guilford County (159.02, 160.03, 162.01), Forsyth County (32.02, 33.12, 33.14, 33.15, 34.02), and Davidson County (601.04, 602.01,

602.03). Index scores for census tracts along the route range from 0.0 to 0.75 and are shown in **Figure 24** and **Table 83**.

Among the 11 census tracts intersecting the Salem Loop, no census tracts are considered highly burdened according to the CDC definition.

Figure 24. Census tracts that intersect with the Salem Loop pipeline route and corresponding CDC Index scores

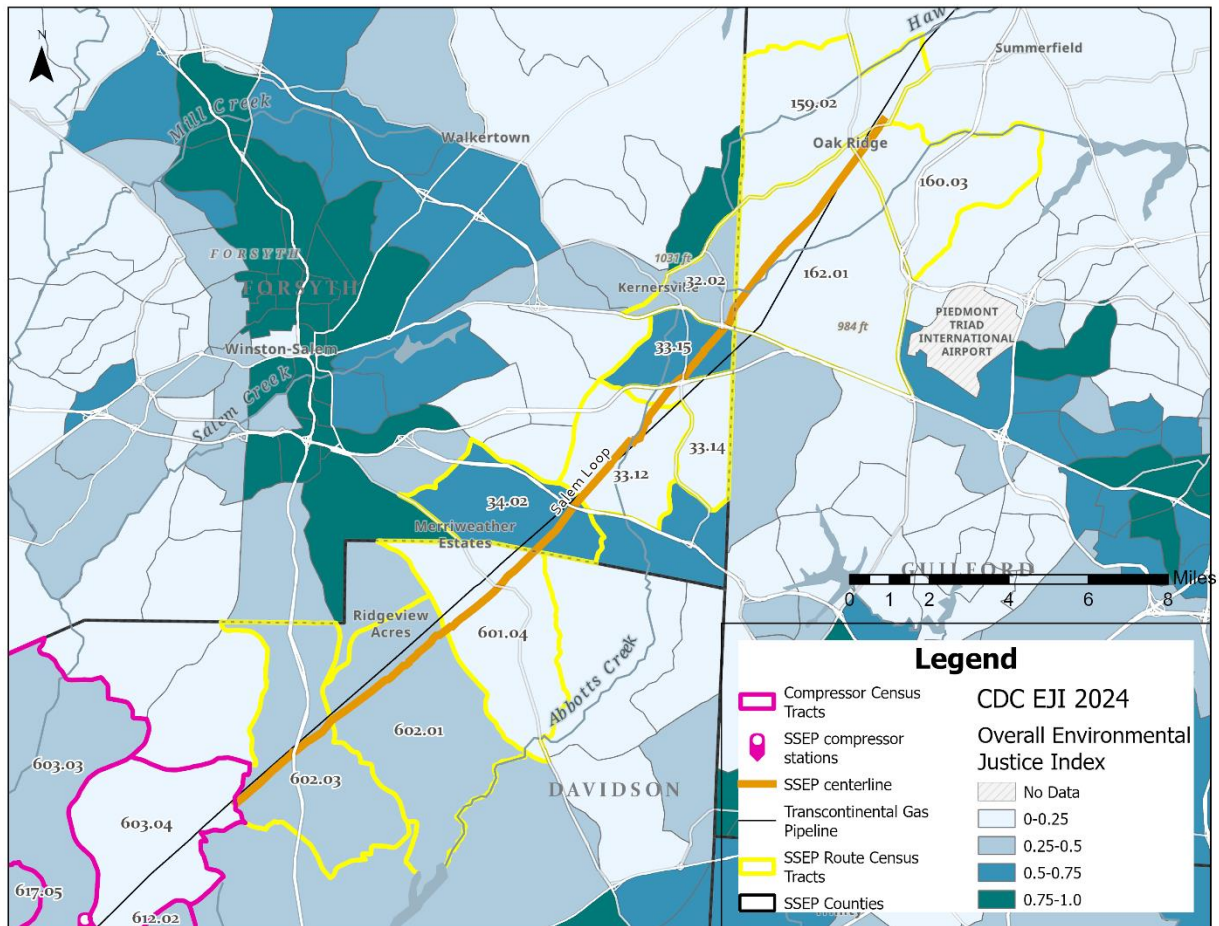


Table 83. Census tracts that intersect with the Salem Loop pipeline route and corresponding CDC Index scores

County	Census Tract	Index Score (between 0-1)	National Percentile	Overall Index Rank
Guilford	159.02	0.0	0%	Low
	160.03	0.01	1%	Low
	162.01	0.13	13%	Low
Forsyth	32.02	0.41	41%	Low-Moderate
	33.12	0.19	19%	Low
	33.14	0.03	3%	Low
	33.15	0.75	75%	Moderate-High

	34.02	0.61	61%	Moderate-High
Davidson	601.04	0.09	9%	Low
	602.01	0.39	39%	Low-Moderate
	602.03	0.40	40%	Low-Moderate
A * bold value indicates a high overall Index Rank (within the nation's top 25 th percentile)				

In Guilford County, 35 out of 125 census tracts are considered highly burdened, which account for 24.8% of residents in the county. In Forsyth County, 23 out of 95 census tracts are considered highly burdened, which account for 20.2% of residents in the county. In Davidson County, 9 out of 42 census tracts are considered highly burdened, which account for 20% of residents in the county. (see Appendix E).

6.3 US EPA's Indexes

The [US EPA's Indexes](#) (EPA Indexes) analyzes the relative potential vulnerability of an area as compared to the state, as well as the U.S., in the form of a percentile from 0 to 100. The higher the Index, the higher the percentile, and the more vulnerable an area. The Indexes combine demographic data to the listed environmental indicators:

- particulate matter,
- ozone,
- nitrogen dioxide (NO₂),
- diesel particulate matter,
- toxic releases to air, traffic proximity,
- lead paint,
- superfund proximity,
- Risk Management Program (RMP) facility proximity,
- hazardous waste proximity,
- underground storage tanks,
- wastewater discharge, and
- drinking water non-compliance.

Figure 25 displays the EPA Indexes as calculated with US EPA data within the one-mile radius of Compressor Station 150. The area within one mile of the facility is in the top 25th percentile in the state for 5 out of 13 EPA Indexes and the top 25th percentile in the nation for 2 out of 13 of the EPA Indexes. This means 75% of other areas in the state and/or nation have lower EPA Indexes compared to the area near the facility.

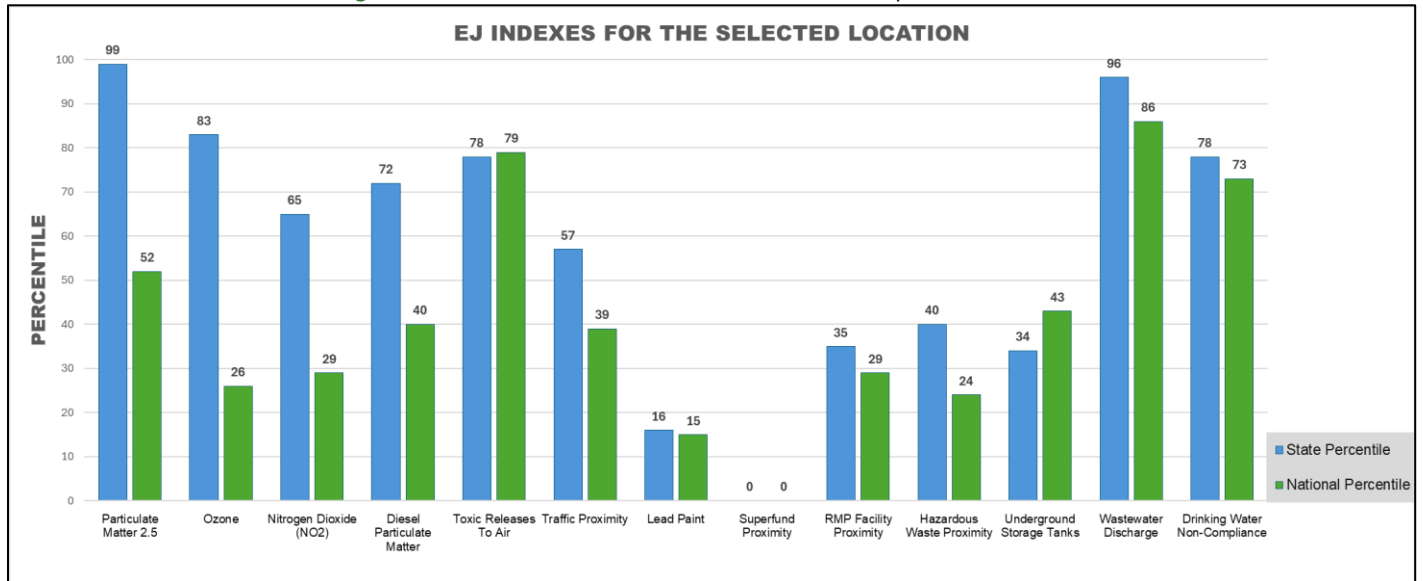
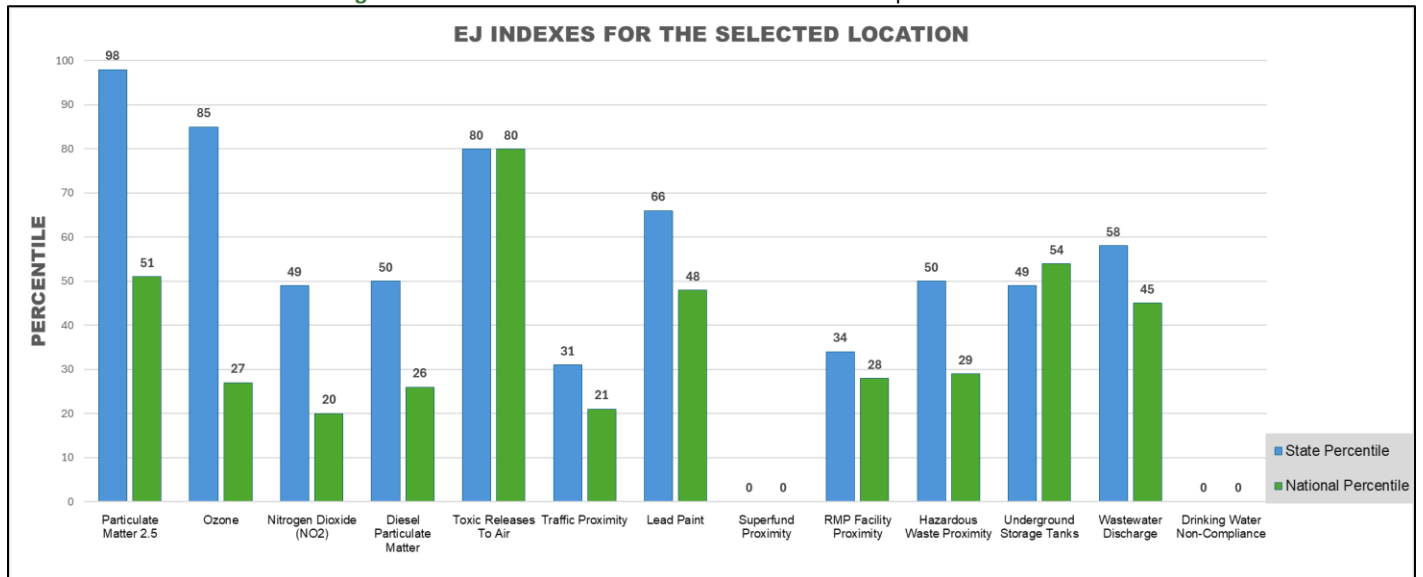
Figure 25. EPA Indexes for a one-mile radius around Compressor Station 150

Figure 26 displays the EPA Indexes as calculated with US EPA data within the one-mile radius of Compressor Station 155. The area within one mile of the facility is in the top 25th percentile in the state for 3 out of 13 EPA Indexes and the top 25th percentile in the nation for 1 out of 13 of the EPA Indexes. This means 75% of other areas in the state and/or nation have lower EPA Indexes compared to the area near the facility.

Figure 26. EPA Indexes for a one-mile radius around Compressor Station 155

6.4 Local Industrial Sites

According to the NCDEQ Community Mapping System, there are a total of 4 permits and 5 incidents within the one-mile radius of Compressor Station 150 as of July 22, 2025 (**Figure 27; Table 84**). This total

includes a Title V Air Quality permit and Small Generator Hazardous Waste Site permit previously issued to Transco for operation of Compressor Station 150.

Figure 27. NCDEQ Community Mapping Tool Snapshot of the one-mile Project Area Radius of Compressor Station 150

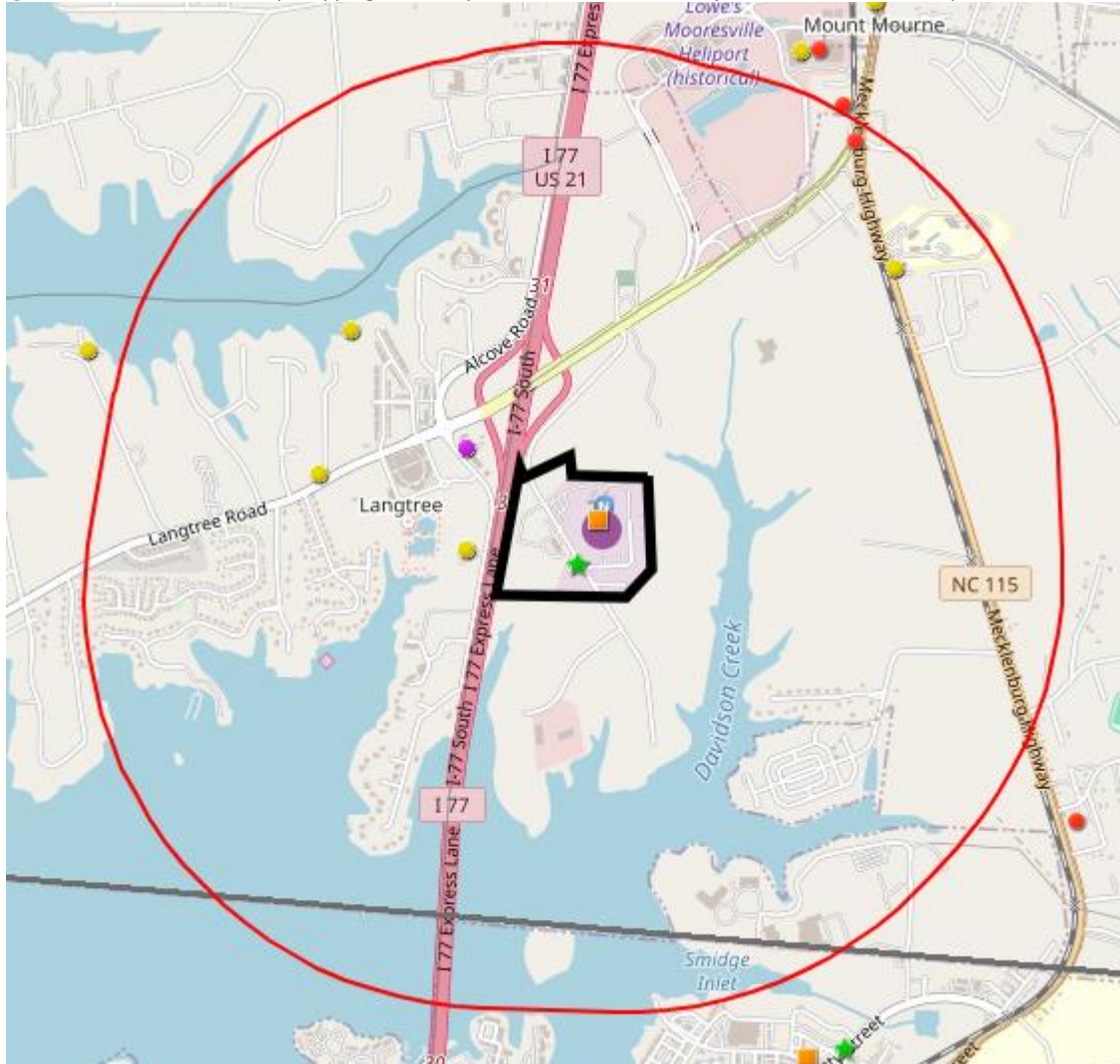


Table 84. List of Permits, Incidents, and Sites within the one-mile Project Area Radius of Compressor Station 150

List of Permits, Facilities, and Incidents		
Type	Quantity	Details
Permits and Facilities	4	1 – Air Quality Permit Site 1 – NPDES Wastewater Treatment Facility Permit 1 – Hazardous Waste Site 1 – Underground Storage Tank Active Facility
Incidents	5	4 – Underground Storage Tank Incident 1 – Above Ground Storage Tank Incident

According to the NCDEQ Community Mapping System, there are a total of 5 permits and 3 incidents within the one-mile radius of Compressor Station 155 as of July 22, 2025 (**Figure 28; Table 85**). This total

includes a Small Air Quality permit and a Conditionally Exempt Generator Hazardous Waste Site permit previously issued to Transco for operation of Compressor Station 155.

Figure 28. NCDEQ Community Mapping Tool Snapshot of the one-mile Project Area Radius of Compressor Station 155

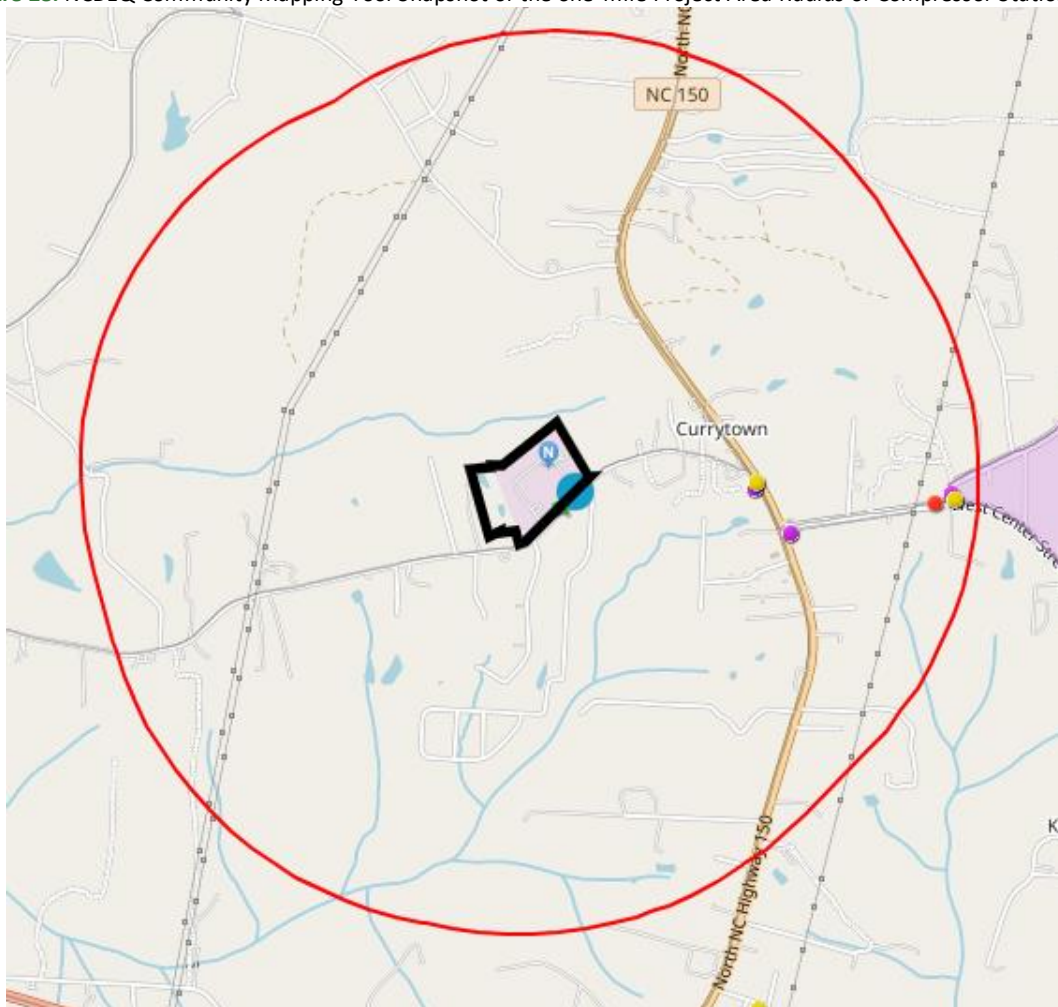


Table 85. List of Permits, Incidents, and Sites within the one-mile Project Area Radius of Compressor Station 155

List of Permits, Facilities, and Incidents		
Type	Quantity	Details
Permits	5	1 – Air Quality Permit Site 1 – Hazardous Waste Site 3 – Underground Storage Tank Active Facilities
Incidents	3	2 – Underground Storage Tank Incidents 1 – Above Ground Storage Tank Incident

7. Local Sensitive Receptors

The U.S. Environmental Protection Agency suggests that sensitive receptors include, but are not limited to, hospitals, schools, daycare facilities, elderly housing, and convalescent facilities. These are areas

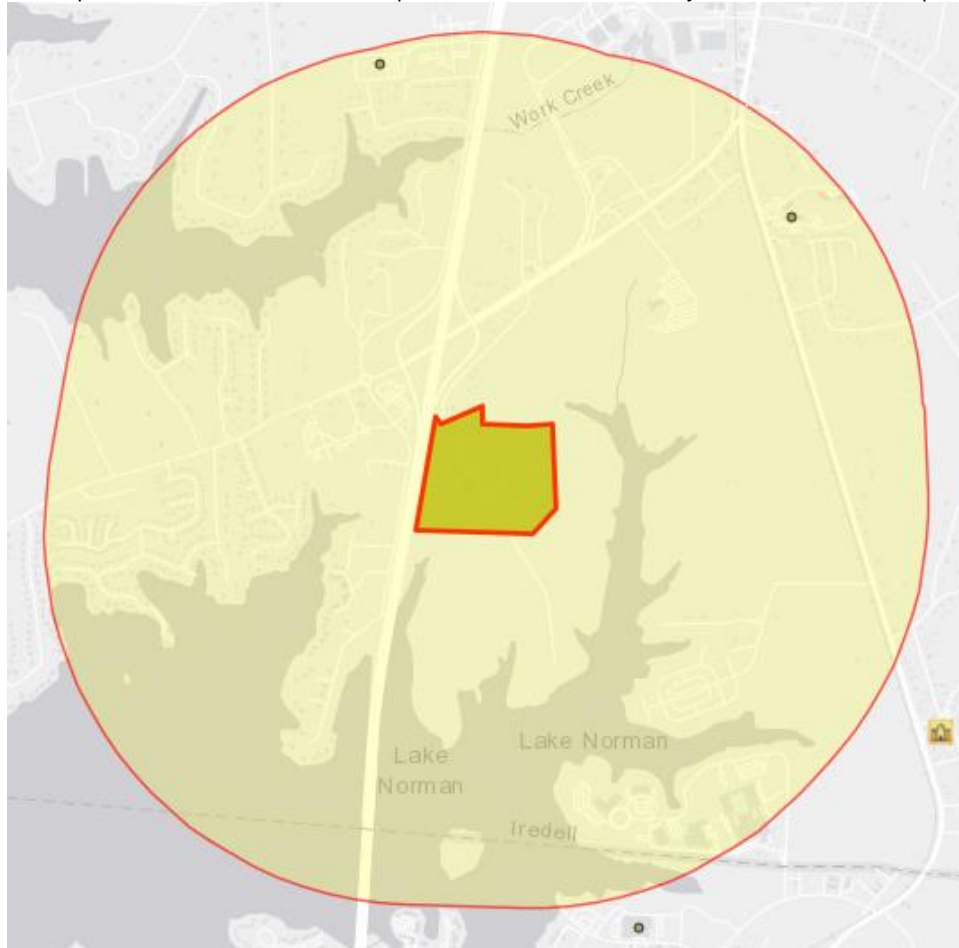
where the occupants are more susceptible to the adverse effects of exposure to toxic chemicals, pesticides, and other pollutants. Extra care must be taken when dealing with contaminants and pollutants in close proximity to areas recognized as sensitive receptors. For instance, children and the elderly may have a higher risk of developing asthma from elevated levels of certain air pollutants than healthy individuals aged between 18 and 64.

Within and near the one-mile radius surrounding Compressor Station 150, the following US EPA and NCDEQ-identified sensitive receptors are listed below (**Table 86; Figure 29**):

Table 86. List of Sensitive Receptors within the One-Mile Project Area Radius of Compressor Station 150

Sensitive Receptor Type	Name
SCHOOLS & DAYCARES	Pine Lake Preparatory
	Langtree Charter Academy
	Carriage House Preschool
	The Children's House Montessori Preschool

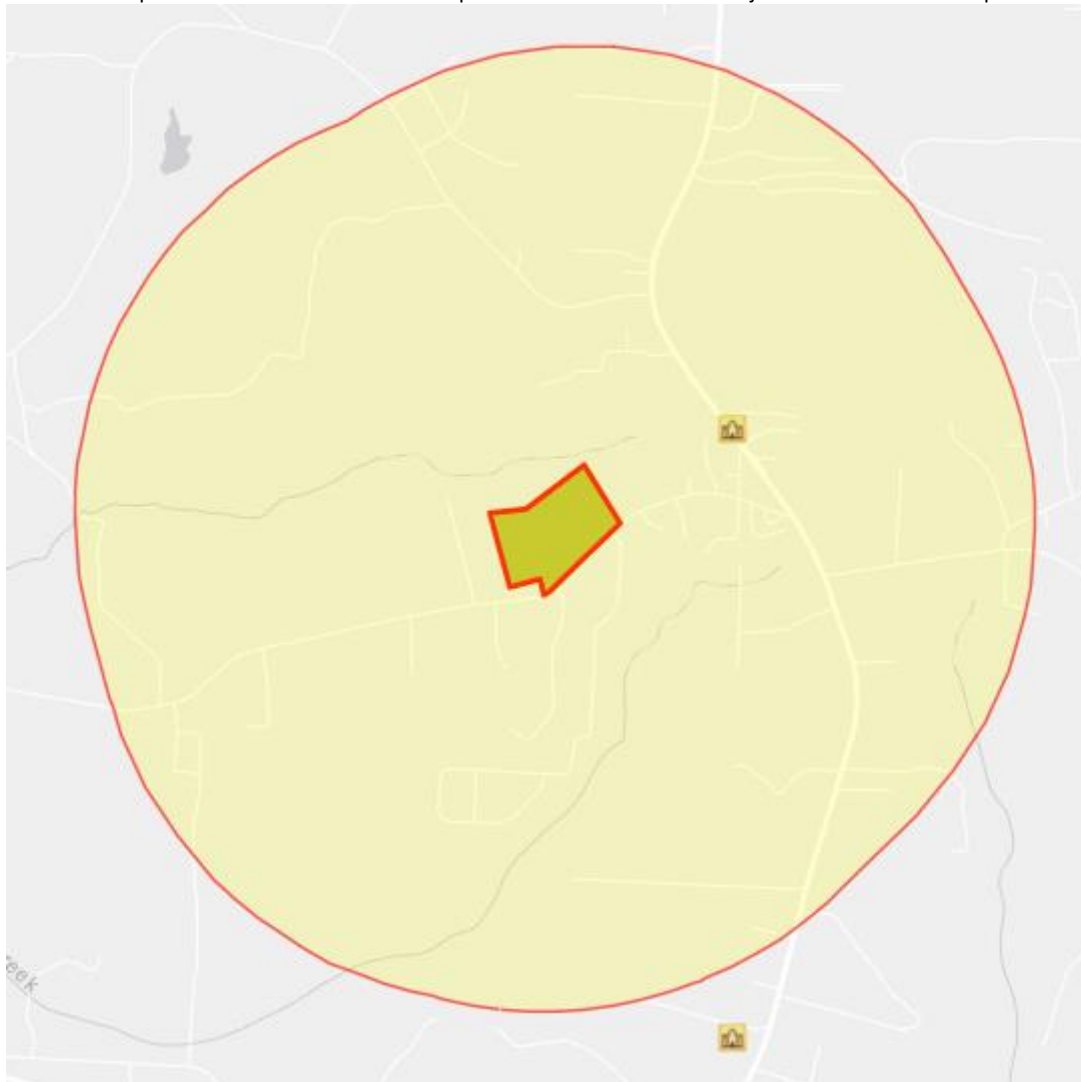
Figure 29. US EPA Snapshot of Potential Sensitive Receptors within the One-Mile Project Area Radius of Compressor Station 150



Within and near the one-mile radius surrounding Compressor Station 155, the following US EPA and NCDEQ-identified sensitive receptors are listed below (**Table 87; Figure 30**):

Table 87. List of Sensitive Receptors within the One-Mile Project Area Radius of Compressor Station 155

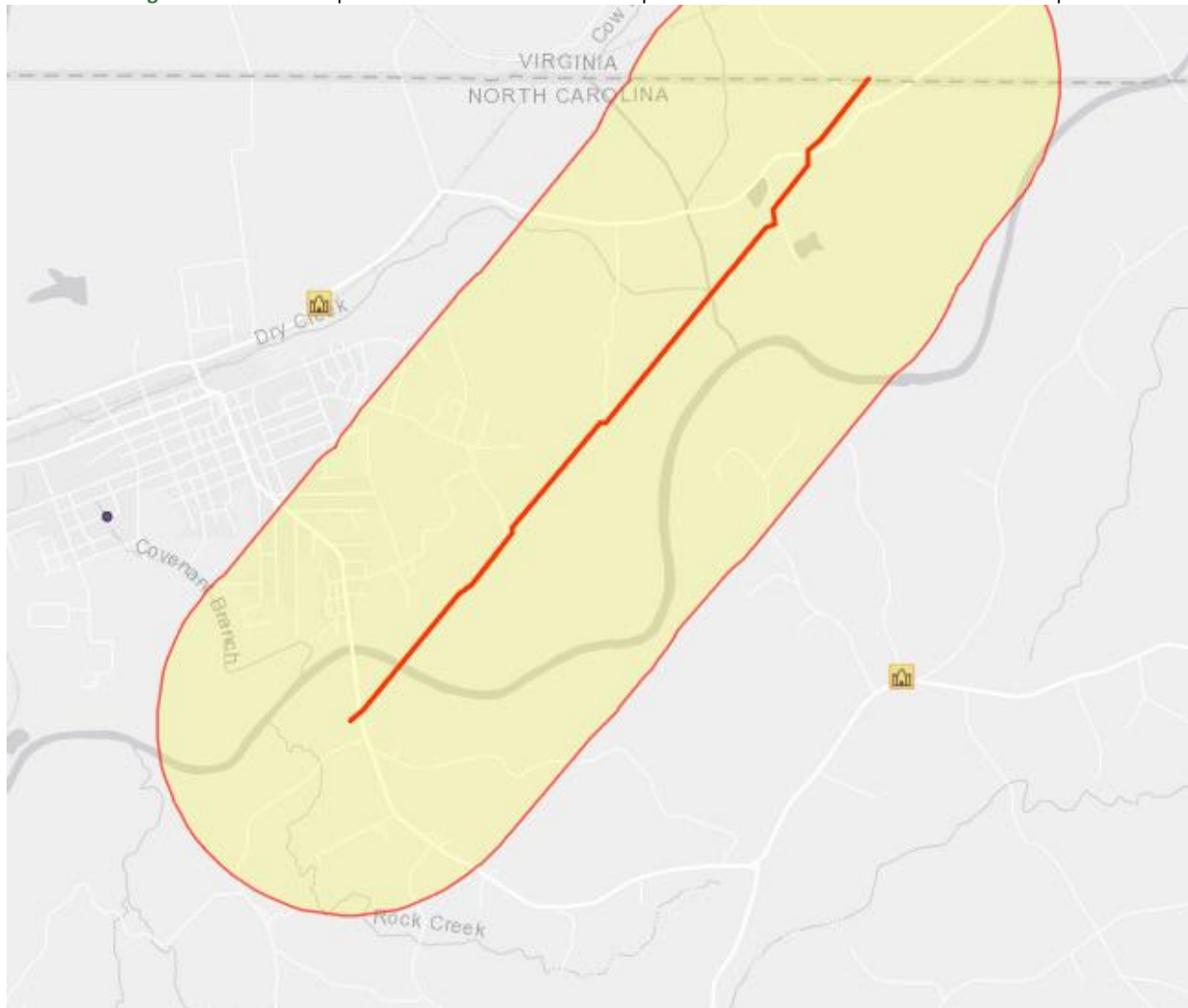
Sensitive Receptor Type	Name
PLACES OF WORSHIP	Maple Grove Church of the Brethren
	Charity Baptist Church
	Friendship United Methodist Church

Figure 30. US EPA Snapshot of Potential Sensitive Receptors within the One-Mile Project Area Radius of Compressor Station 155

Within and near the one-mile radius surrounding the Eden Loop, the following US EPA and NCDEQ-identified sensitive receptors are listed below (**Table 88; Figure 31**):

Table 88. List of Sensitive Receptors within the one-mile radius of Eden Loop

Sensitive Receptor Type	Name
PLACES OF WORSHIP	Crystal Life Ministries
	Victory Baptist Church

Figure 31. US EPA Snapshot of Potential Sensitive Receptors within the one-mile radius of Eden Loop

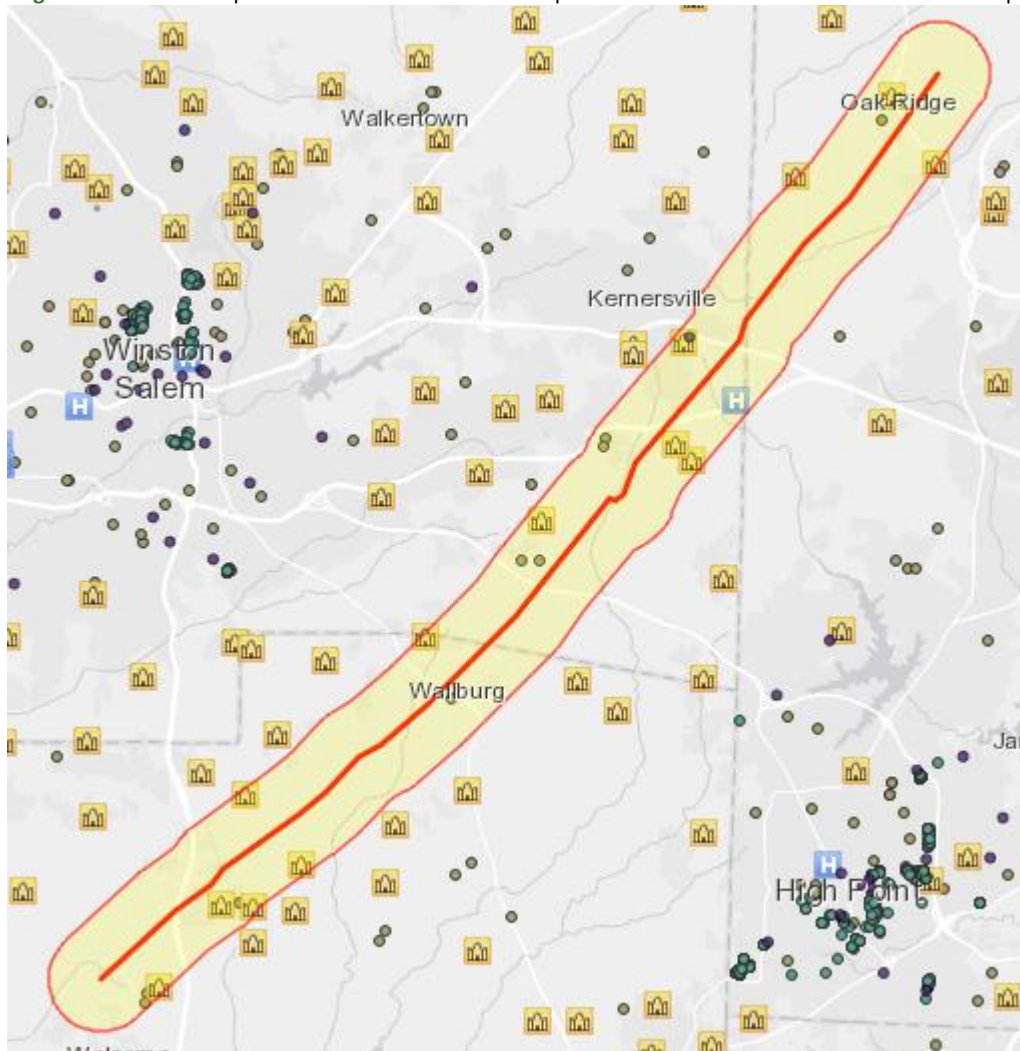
Within and near the one-mile radius surrounding the Salem Loop, the following US EPA and NCDEQ-identified sensitive receptors are listed below (**Table 89**; **Figure 32**):

Table 89. List of Sensitive Receptors within the one-mile radius of Salem Loop

Sensitive Receptor Type	Name
SCHOOLS & DAYCARES	Oak Ridge Presbyterian Preschool
	Bishop McGuinness Catholic High School
	Southeast Middle School
	Caleb's Creek Elementary School
	The North Carolina Leadership Academy
	Wallburg Elementary School
	Son Shine Daycare
	Playland Day Care Center
	Midway Elementary School
	North Davidson Middle School

	North Davidson High School
	Forsyth Technical Community College
	Challenge Christian Academy
PLACES OF WORSHIP	St. James AME Church
	Oak Ridge First Baptist Church
	Oak Ridge Methodist Church
	Union Grove Baptist Church
	The Summit Church Oak Ridge
	St. Vasilije of Ostrog Serbian Orthodox Church
	New Journey Fellowship
	Union Cross Moravian Church
	Union Cross Baptist Church
	Wallburg Baptist Church
	Midway Church
	Brooks Temple Methodist Church
	Righteous Church Of God
	Our Saviour's Lutheran Church
	Greater Faith Church
	Samaritan Baptist Church
	The Summit Church Kernersville
COMMUNITY CENTERS	North Davidson Public Library
HOSPITALS AND HEALTHCARE FACILITIES	Novant Health Kernersville Medical Center
	North Carolina State Veterans Home - Kernersville
	US Department of Veterans Affairs Kernersville Health Care Center
	Summerstone Health & Rehabilitation Center
	Grayson Creek Assisted Living
PUBLIC PARKS	Wallburg Town Park
	Midway Town Park
	Oak Ridge Town Park
	Oak Ridge Town Park
	Triad Park

Figure 32. US EPA Snapshot of Potential Sensitive Receptors within the one-mile radius of Salem Loop



Additional sensitive receptors may be identified during the remainder of the permit application process.

8. Conclusion

If an affected community has a large percentage of LEP individuals (typically greater than 5%), DEQ will implement appropriate LEP measures. These measures may include having a bilingual DEQ staff member or interpreter present at public hearings or information sessions, disseminating DEQ information sheets or public notices in multiple languages, distributing media notices in different languages, or communicating with community organizations and leaders to determine other appropriate measures to reach LEP individuals.

Key Findings

Based on this report's analysis and using North Carolina Department of Environmental Quality (NCDEQ) Potentially Underserved Block Groups (on the basis of race, ethnicity, and poverty) and standard guidelines established by the US EPA and in National Environmental Policy Act (NEPA) documentation, the potential community concerns for particular populations within an area of interest of the Southeast Supply Enhancement Project have been identified as follows:

Compressor Station 150

- **Race and Ethnicity:**
The following race/ethnic population categories:
 - Black or African American
 - Asian
 - Native Hawaiian or Other Pacific Islander
 - Some other race
 - Two or more races
- **Tribal Communities:**
 - Metrolina Native American Association
- **Age and Sex:**
 - Populations of individuals 65 years or older in
 - Iredell County Census Tract 614.07
 - Mecklenburg County Census Tract 62.16
 - Populations of individuals 5 years or younger in
 - Iredell County Census Tract 614.07.
- **Disability:** Populations living with a disability in Iredell County Census Tract 614.04.
- **Poverty:** Populations below the poverty level in Mecklenburg County Census Tract 64.03.

Compressor Station 155

- **Race and Ethnicity:**
The following race/ethnic population categories:
 - Black or African American
 - Hispanic or Latino
 - Asian
 - Two or more races
- **Tribal Communities:**
 - Guilford Native American Association
- **Age and Sex:**
 - Populations of individuals 65 years or older in
 - Davidson County Census Tract 612.02
 - Populations of individuals 5 years or younger in
 - Davidson County Census Tracts 603.04 and 617.05.
- **Limited English Proficiency:** Spanish-speaking households with limited English proficiency in Davidson County Census Tract 612.02.
- **Disability:** Populations living with a disability in Davidson County Census Tracts 603.03 and 612.02.
- **Education:** Populations of individuals at least 18 years and older whose highest educational attainment is less than a high school graduate (or equivalent) in Davidson County Census Tracts 603.03, 603.04, 612.02, and 617.05.
- **Poverty:** “Low income” populations in the project area.

Eden Loop

- **Race and Ethnicity:**
 - Total people of color populations in Rockingham County Census Tract 402.
 - The following race/ethnic population categories:
 - Black or African American
 - Hispanic or Latino
 - Asian
 - Native Hawaiian or Other Pacific Islander
 - Two or more races
 - Some other race
- **Tribal Communities:**
 - Guilford Native American Association
- **Age and Sex:**
 - Populations of individuals 65 years or older in:
 - Rockingham County Census Tracts 401.01 and 411
 - Populations of individuals 5 years or younger in:
 - Rockingham County Census Tract 402
- **Limited English Proficiency:** Spanish-speaking households with limited English proficiency in:
 - Census Tract 402
- **Disability:** Populations living with a disability in Rockingham County Census Tracts 401.01, 402, and 411.
- **Education:** Populations of individuals at least 18 years and older whose highest educational attainment is less than a high school graduate (or equivalent) in Rockingham County and Census Tracts 401.01, 402, and 411.
- **Poverty:** Populations experiencing poverty below 200% of the poverty level and/or below the poverty level in Rockingham County Census Tracts 402 and 411.
- **Cumulative Impacts:** Rockingham County Census Tract 402 has a “high” potential for cumulative impacts.

Salem Loop

- **Race and Ethnicity:**
 - Total people of color populations in Forsyth County Census Tract 32.02.
 - The following race/ethnic population categories:
 - Black or African American
 - Hispanic or Latino
 - American Indian or Alaska Native
 - Asian
 - Native Hawaiian or other Pacific Islander
 - Some other race
 - Two or more races
- **Tribal Communities:**
 - Guilford Native American Association
- **Age and Sex:**

- Populations of individuals 65 years or older in:
 - Forsyth County Census Tracts 32.02, 33.12, 33.14, and 33.15
 - Davidson County Census Tracts 601.04, 602.01, and 602.03
- Populations of individuals 5 years or younger in:
 - Forsyth County Census Tract 33.15
 - Davidson County Census Tracts 601.04 and 602.03
- **Limited English Proficiency:** Spanish-speaking households with limited English proficiency in Forsyth County Census Tracts 32.02 and 33.15.
- **Disability:** Populations living with a disability in Forsyth County Census Tract 32.02 and Davidson County Census Tracts 602.01 and 602.03.
- **Education:** Populations of individuals at least 18 years and older whose highest educational attainment is less than a high school graduate (or equivalent) in
 - Guilford County Census Tracts 159.02 and 162.01
 - Forsyth County Census Tracts 32.02, 33.12, 33.15, and 34.02
 - Davidson County Census Tract 602.03
- **Poverty:** Populations experiencing poverty below 200% of the poverty level and/or below the poverty level in Forsyth County Census Tracts 32.02 and 34.02.

Recommendations

Based on the sociodemographic indicator analysis, the Community Engagement Program recommends the following outreach and engagement activities during the public participation period for the Southeast Supply Enhancement Project permit applications:

Compressor Station 150

- Develop public notices and one-page fact sheets with public comment and public hearing information.
- Consult with community leaders about other outreach recommendations including known organizations or leaders serving local American Indian communities.
- Mail or email public notices and one-page fact sheets to local sensitive receptors and representatives of Iredell County and the Town of Mooresville.
- Evaluate options to distribute one-page fact sheets in high-traffic community areas.
- Arrange a voicemail line to receive public comments.

Compressor Station 155

- Develop public notices and one-page fact sheets with public comment and public hearing information in English and Spanish.
- Consult with community leaders about other outreach recommendations including known organizations or leaders serving local American Indian communities.
- Mail or email public notices and one-page fact sheets in English and Spanish to local sensitive receptors and representatives of Davidson County.
- Evaluate options to distribute one-page fact sheets in English and Spanish in high-traffic community areas.
- Arrange an English and Spanish voicemail line to receive public comments.

Eden Loop

- Develop public notices and one-page fact sheets with public comment and public hearing information in English and Spanish.
- Consult with community leaders about other outreach recommendations including known organizations or leaders serving local American Indian communities.
- Mail or email public notices and one-page fact sheets in English and Spanish to local sensitive receptors and representatives of Rockingham County and the municipality of Eden.
- Evaluate options to distribute one-page fact sheets in English and Spanish in high-traffic community areas.
- Arrange an English and Spanish voicemail line to receive public comments.

Salem Loop

- Develop public notices and one-page fact sheets with public comment and public hearing information in English and Spanish.
- Consult with community leaders about other outreach recommendations including known organizations or leaders serving local American Indian communities.
- Mail or email public notices and one-page fact sheets in English and Spanish to local sensitive receptors and representatives of Guilford, Forsyth, and Davidson Counties and the municipalities of Oak Ridge, Kernersville, Wallburg, and Midway.
- Evaluate options to distribute one-page fact sheets in English and Spanish in high-traffic community areas.
- Arrange an English and Spanish voicemail line to receive public comments.

Appendix

Appendix A: U.S. Census Data Sources

All data for this report accessed from data.census.gov and collected at a census tract level for all tracts in North Carolina. Data is from 2023 American Community Survey (ACS) 5-year estimates.

Dataset ID	Name
B03002	"Hispanic or Latino Origin by Race"
S0101	"Age and Sex"
S1810	"Disability Characteristics"
C16001	"Language Spoken at Home for the Population 5 Years and Older"
S1501	"Educational Attainment"
S1701	"Poverty Status in the Last 12 Months"

Appendix B: Additional Data Sources

DATA SOURCES			
Organization	Source	Date Accessed	Year Published
NC Department of Commerce	2025 County Distress Rankings	7/14/25	2025
University of Wisconsin Population Health Institute	2024 County Health Rankings National Data	7/14/25	2025
CDC/ATSDR	CDC/ATSDR Index	7/14/25	2025

Appendix C: Sociodemographic Indicators and US EPA Report

The tables below display estimates and margins of error as available from the U.S. Census Bureau 2023 ACS 5-year estimates and calculations performed for each sociodemographic indicator. Calculations are displayed as averages and upper and lower confidence intervals.

Race & Ethnicity

RACE & ETHNICITY					
	NORTH CAROLINA (n=2672)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
White	6,419,285	3,661	2402.43	2348.06	2456.80
Black or African American	2,147,308	6,402	803.63	770.70	836.56
Hispanic or Latino	1,158,750	*****	433.66	415.32	452.01

American Indian and Alaska Native	89,481	1,201	33.49	25.60	41.38
Asian	330,720	2,729	123.77	112.40	135.15
Native Hawaiian and other Pacific Islander	5,548	614	2.08	1.62	2.53
Some Other Race	46,117	3,192	17.26	15.63	18.89
Two or More Races	387,131	7,694	144.88	139.59	150.18
Total Population	10,584,340				

RACE & ETHNICITY					
	IREDELL COUNTY (n=46)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
White	140,984	506	3064.87	2712.92	3416.82
Black or African American	21,689	747	471.50	349.22	593.78
Hispanic or Latino	17,001	0	369.59	277.52	461.65
American Indian and Alaska Native	201	93	4.37	0.87	7.87
Asian	4,832	378	105.04	61.99	148.10
Native Hawaiian and other Pacific Islander	11	18	0.24	-0.23	0.71
Some Other Race	1,057	502	22.98	8.74	37.22
Two or More Races	6,025	851	130.98	102.91	159.05
Total Population	191,800				

RACE & ETHNICITY

	CENSUS TRACT 614.07		CENSUS TRACT 614.04	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)
White	4,186	550	2,569	362
Black or African American	321	363	465	267
Hispanic or Latino	179	115	98	120
American Indian and Alaska Native	0	14	0	14
Asian	73	58	97	87
Native Hawaiian and other Pacific Islander	0	14	11	18
Some Other Race	0	14	79	113
Two or More Races	59	54	123	93
Total Population	4,818	650	3,442	451

RACE & ETHNICITY					
	MECKLENBURG COUNTY (n=305)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
White	496,297	1,105	1627.20	1500.80	1753.60
Black or African American	340,672	2,636	1116.96	1006.14	1227.77
Hispanic or Latino	174,580	0	572.39	503.95	640.84
American Indian and Alaska Native	1,671	316	5.48	3.66	7.30
Asian	68,849	1,186	225.73	196.49	254.97
Native Hawaiian and other Pacific Islander	416	120	1.36	0.36	2.37

Some Other Race	5,106	851	16.74	13.18	20.30
Two or More Races	43,315	3,028	142.02	125.78	158.25
Total Population	1,130,906				

RACE & ETHNICITY				
	CENSUS TRACT 62.16		CENSUS TRACT 64.03	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)
White	1,705	263	4,267	600
Black or African American	11	16	1,244	599
Hispanic or Latino	103	70	234	171
American Indian and Alaska Native	0	14	0	19
Asian	5	8	206	121
Native Hawaiian and other Pacific Islander	0	14	5	13
Some Other Race	0	14	19	30
Two or More Races	26	28	419	214
Total Population	1,850	245	6,394	538

RACE & ETHNICITY					
	DAVIDSON COUNTY (n=42)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
White	131,410	432	3128.81	2771.44	3486.17
Black or African American	15,675	724	373.21	249.97	496.46
Hispanic or Latino	14,633	0	348.40	234.40	462.41

American Indian and Alaska Native	204	96	4.86	0.76	8.95
Asian	2,603	188	61.98	33.25	90.70
Native Hawaiian and other Pacific Islander	25	32	0.60	-0.15	1.34
Some Other Race	453	290	10.79	2.17	19.40
Two or More Races	6,060	790	144.29	103.07	185.50
Total Population	171,063				

RACE & ETHNICITY								
	CENSUS TRACT 603.03		CENSUS TRACT 603.04		CENSUS TRACT 612.02		CENSUS TRACT 617.05	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
White	3,966	372	2,971	323	2,312	257	2,885	628
Black or African American	8	14	396	323	110	218	10	16
Hispanic or Latino	218	194	107	153	336	258	10	16
American Indian and Alaska Native	0	14	0	14	0	14	0	14
Asian	52	62	0	14	0	14	168	221
Native Hawaiian and other Pacific Islander	0	14	0	14	0	14	0	14
Some Other Race	0	14	0	14	0	14	0	14
Two or More Races	26	28	149	203	97	50	11	27
Total Population	4,270	404	3,623	631	2,855	266	3,084	687

RACE & ETHNICITY					
	ROCKINGHAM COUNTY (n=22)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
White	64,579	376	2935.41	2397.96	3472.85
Black or African American	15,986	502	726.64	509.35	943.92
Hispanic or Latino	6,308	0	286.73	177.99	395.46
American Indian and Alaska Native	145	80	6.59	1.68	11.50
Asian	177	130	8.05	1.39	14.70
Native Hawaiian and other Pacific Islander	138	118	6.27	-1.25	13.79
Some Other Race	488	359	22.18	-6.94	51.30
Two or More Races	3,764	549	171.09	89.66	252.53
Total Population	91,585				

RACE & ETHNICITY						
	CENSUS TRACT 401.01		CENSUS TRACT 402		CENSUS TRACT 411	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
White	2,751	393	1,993	291	4,739	437
Black or African American	539	337	936	245	1,123	386
Hispanic or Latino	287	183	366	270	216	187
American Indian and Alaska Native	0	14	0	14	1	4
Asian	29	49	42	83	0	19

Native Hawaiian and other Pacific Islander	0	14	0	14	3	6
Some Other Race	11	19	0	14	6	9
Two or More Races	110	106	200	123	190	113
Total Population	3,727	535	3,537	518	6,278	573

RACE & ETHNICITY					
	GUILFORD COUNTY (n=126)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
White	254,315	840	2018.37	1767.79	2268.95
Black or African American	182,101	1,917	1445.25	1246.37	1644.12
Hispanic or Latino	53,188	0	422.13	362.43	481.82
American Indian and Alaska Native	992	223	7.87	4.94	10.80
Asian	28,021	938	222.39	174.71	270.07
Native Hawaiian and other Pacific Islander	50	47	0.40	-0.03	0.82
Some Other Race	3,588	1,274	28.48	12.56	44.39
Two or More Races	20,732	2,080	164.54	141.10	187.98
Total Population	542,987				

RACE & ETHNICITY						
	CENSUS TRACT 159.02		CENSUS TRACT 160.03		CENSUS TRACT 162.01	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
White	3,909	738	3,297	489	5,414	850

Black or African American	213	126	221	181	541	468
Hispanic or Latino	117	101	429	435	20	33
American Indian and Alaska Native	0	14	0	14	26	36
Asian	260	153	654	311	574	316
Native Hawaiian and other Pacific Islander	10	18	0	14	0	19
Some Other Race	41	53	25	35	0	19
Two or More Races	92	62	173	176	344	312
Total Population	4,642	725	4,799	449	6,919	786

RACE & ETHNICITY					
	FORSYTH COUNTY (n=95)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
White	209,551	748	2205.80	1936.50	2475.10
Black or African American	96,455	976	1015.32	842.12	1188.51
Hispanic or Latino	56,553	0	595.29	480.15	710.44
American Indian and Alaska Native	616	186	6.48	3.15	9.82
Asian	8,960	445	94.32	68.94	119.69
Native Hawaiian and other Pacific Islander	217	108	2.28	0.05	4.52
Some Other Race	1,906	825	20.06	10.34	29.78
Two or More Races	12,482	1,065	131.39	106.26	156.52

Total Population	386,740
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RACE & ETHNICITY

	CENSUS TRACT 32.02		CENSUS TRACT 33.12		CENSUS TRACT 33.14		CENSUS TRACT 33.15		CENSUS TRACT 34.02	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
White	2,176	220	3,030	516	2,445	383	2,306	486	2,304	667
Black or African American	974	370	635	340	105	87	535	175	165	131
Hispanic or Latino	781	293	234	128	118	126	679	292	668	446
American Indian and Alaska Native	0	14	0	14	0	14	0	14	11	14
Asian	112	110	96	85	232	144	25	37	9	12
Native Hawaiian and other Pacific Islander	0	14	0	14	0	14	0	14	0	14
Some Other Race	0	14	39	65	0	14	13	20	0	14
Two or More Races	9	14	113	89	114	105	175	126	31	36
Total Population	4,052	485	4,147	583	3,014	407	3,733	541	3,188	670

RACE & ETHNICITY

	DAVIDSON COUNTY (n=42)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
White	131,410	432	3128.81	2771.44	3486.17
Black or African American	15,675	724	373.21	249.97	496.46
Hispanic or Latino	14,633	0	348.40	234.40	462.41
American Indian and Alaska Native	204	96	4.86	0.76	8.95
Asian	2,603	188	61.98	33.25	90.70

Native Hawaiian and other Pacific Islander	25	32	0.60	-0.15	1.34
Some Other Race	453	290	10.79	2.17	19.40
Two or More Races	6,060	790	144.29	103.07	185.50
Total Population	171,063				

RACE & ETHNICITY						
	CENSUS TRACT 601.04		CENSUS TRACT 602.01		CENSUS TRACT 602.03	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
White	5,035	1,173	3,286	548	5,518	861
Black or African American	383	289	641	329	375	307
Hispanic or Latino	999	636	161	147	248	227
American Indian and Alaska Native	0	19	0	14	0	19
Asian	12	22	18	25	0	19
Native Hawaiian and other Pacific Islander	0	19	0	14	0	19
Some Other Race	0	19	0	14	0	19
Two or More Races	114	82	24	39	89	88
Total Population	6,543	1,139	4,130	647	6,230	837

Age & Sex

AGE					
	NORTH CAROLINA (n=2672)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
≤5 Years	598,313	714	223.92	217.62	230.21

≥65 Years	1,787,027	840	654.32	654.32	683.27
SEX					
Male	5,177,887	1,414	1937.83	1903.20	1972.46
Female	5,406,453	1,484	2023.37	1987.97	2058.78

AGE					
	IREDELL COUNTY (n=46)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
≤5 Years	10,242	34	222.65	185.25	260.05
≥65 Years	31,545	26	685.76	608.33	763.20
SEX					
Male	95,016	32	2065.57	1870.78	2260.35
Female	96,784	32	2104.00	1896.48	2311.52

AGE				
	CENSUS TRACT 614.07		CENSUS TRACT 614.04	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)
≤5 Years	315	240	76	55
≥65 Years	985	143	596	183
SEX				
Male	2,533	489	1,791	298
Female	2,285	307	1,651	312

AGE					
	MECKLENBURG COUNTY (n=305)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
≤5 Years	72,625	20	238.11	218.82	257.41
≥65 Years	132,281	28	433.71	403.76	463.65
SEX					
Male	546,522	82	1791.88	1711.68	1872.07
Female	584,384	82	1916.01	1830.45	2001.58

AGE				
	CENSUS TRACT 62.16		CENSUS TRACT 64.03	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)
≤5 Years	33	32	106	87
≥65 Years	469	116	791	219
SEX				
Male	946	183	3,138	427
Female	904	114	3,256	321

AGE					
	DAVIDSON COUNTY (n=42)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
≤5 Years	9,159	0	218.07	182.10	254.04
≥65 Years	31,840	36	758.10	667.37	848.82

SEX					
Male	84,115	102	2002.74	1812.74	2192.74
Female	86,948	102	2070.19	1887.16	2253.22

AGE								
	CENSUS TRACT 603.03		CENSUS TRACT 603.04		CENSUS TRACT 612.02		CENSUS TRACT 617.05	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
≤5 Years	165	93	235	183	101	68	192	124
≥65 Years	781	162	565	124	652	103	545	181
SEX								
Male	2,189	276	1,875	397	1,373	163	1,551	338
Female	2,081	253	1,748	361	1,482	187	1,533	411

AGE					
	ROCKINGHAM COUNTY (n=22)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
≤5 Years	4,582	32	208.27	151.88	264.66
≥65 Years	19,008	92	864.00	725.84	1002.16
SEX					
Male	44,782	185	2035.55	1688.76	2382.33
Female	46,803	185	2127.41	1785.69	2469.13

AGE						
	CENSUS TRACT 401.01		CENSUS TRACT 402		CENSUS TRACT 411	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
≤5 Years	147	94	268	152	225	125
≥65 Years	788	147	581	92	1,538	258
SEX						
Male	1,931	390	1,888	353	2,915	346
Female	1,796	231	1,649	233	3,363	406

AGE					
	GUILFORD COUNTY (n=126)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
≤5 Years	30,540	0	242.38	211.61	273.15
≥65 Years	84,833	0	673.28	610.29	736.26
SEX					
Male	257,783	37	2045.90	1898.99	2192.80
Female	285,204	37	2263.52	2098.28	2428.77

AGE						
	CENSUS TRACT 159.02		CENSUS TRACT 160.03		CENSUS TRACT 162.01	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
≤5 Years	123	54	258	136	252	150
≥65 Years	608	103	589	162	805	165

SEX						
Male	2,298	273	2,221	256	3,461	499
Female	2,344	516	2,578	333	3,458	424

AGE					
	FORSYTH COUNTY (n=95)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
≤5 Years	22,235	60	234.05	203.23	264.88
≥65 Years	64,234	93	676.15	611.13	741.16
SEX					
Male	183,953	118	1936.35	1777.72	2094.97
Female	202,787	118	2134.60	1964.25	2304.95

AGE										
	CENSUS TRACT 32.02		CENSUS TRACT 33.12		CENSUS TRACT 33.14		CENSUS TRACT 33.15		CENSUS TRACT 34.02	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
≤5 Years	156	85	200	81	122	111	306	156	93	56
≥65 Years	752	134	1,037	401	883	207	736	118	547	134
SEX										
Male	1,616	283	2,102	310	1,663	259	1,911	385	1,668	441
Female	2,436	401	2,045	354	1,351	285	1,822	314	1,520	276

AGE					
	DAVIDSON COUNTY (n=42)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
≤5 Years	9,159	0	218.07	182.10	254.04
≥65 Years	31,840	36	758.10	667.37	848.82
SEX					
Male	84,115	102	2002.74	1812.74	2192.74
Female	86,948	102	2070.19	1887.16	2253.22

AGE						
	CENSUS TRACT 601.04		CENSUS TRACT 602.01		CENSUS TRACT 602.03	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
≤5 Years	409	214	31	38	566	303
≥65 Years	1,221	273	1,124	224	1,163	176
SEX						
Male	3,683	870	1,881	238	3,039	454
Female	2,860	459	2,249	502	3,191	477

Disability

DISABILITY					
NORTH CAROLINA (n=2672)					
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Population with a Disability	1,386,506	10,541.00	518.90	508.16	529.65
Type of Difficulty					
Hearing	383,698	5,572.00	143.60	139.79	147.41

Vision	261,386	5,645.00	97.82	94.63	101.01
Cognitive	535,055	7,066.00	200.25	195.06	205.43
Ambulatory	696,828	6,705.00	260.79	254.52	267.06
Self-care	252,232	4,769.00	94.40	91.38	97.41
Independent Living	466,517	5,807.00	174.59	170.02	179.17
Total civilian non-institutionalized population	10,366,704	2,441	3,879.75	3,812.38	3,947.13

DISABILITY					
IREDELL COUNTY (n=46)					
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Population with a Disability	22,252	1,222.00	483.74	428.99	538.49
Type of Difficulty					
Hearing	6,482	636.00	140.91	119.83	161.99
Vision	3,438	467.00	74.74	55.65	93.83
Cognitive	8,521	812.00	185.24	155.28	215.20
Ambulatory	10,960	809.00	238.26	204.28	272.24
Self-care	4,193	662.00	91.15	74.28	108.02
Independent Living	7,886	733.00	171.43	143.95	198.92
Total civilian non-institutionalized population	190,387	353	4,138.85	3,750.28	4,527.41

DISABILITY				
	CENSUS TRACT 614.07		CENSUS TRACT 614.04	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)
Population with a Disability	302	107.00	462	205.00
Type of Difficulty				
Hearing	66	46.00	197	167.00
Vision	52	34.00	49	48.00
Cognitive	76	48.00	114	74.00

Ambulatory	155	88.00	200	105.00
Self-care	11	19.00	74	51.00
Independent Living	57	47.00	193	101.00
Total civilian noninstitutionalized population	4,808	650	3,420	451

DISABILITY					
MECKLENBURG COUNTY (n=305)					
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Population with a Disability	93,265	2,988.00	305.79	285.35	326.22
Type of Difficulty					
Hearing	22,895	1,267.00	75.07	67.51	82.62
Vision	18,411	1,470.00	60.36	52.81	67.92
Cognitive	38,831	2,318.00	127.31	115.20	139.43
Ambulatory	42,285	1,942.00	138.64	127.58	149.70
Self-care	16,366	1,067.00	53.66	47.89	59.43
Independent Living	29,148	1,697.00	95.57	86.52	104.62
Total civilian noninstitutionalized population	1,124,832	335.00	3,687.97	3,527.66	3,848.29

DISABILITY				
	CENSUS TRACT 62.16		CENSUS TRACT 64.03	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)
Population with a Disability	149	49.00	471	153.00
Type of Difficulty				
Hearing	55	38.00	194	113.00
Vision	0	14.00	129	98.00
Cognitive	51	37.00	181	103.00
Ambulatory	55	36.00	232	115.00
Self-care	0	14.00	99	85.00
Independent Living	30	25.00	195	114.00

Total civilian noninstitutionalized population	1,850	245.00	6,328	538.00
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DISABILITY					
DAVIDSON COUNTY (n=42)					
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Population with a Disability	26,109	1,262.00	621.64	548.12	695.17
Type of Difficulty					
Hearing	7,013	703.00	166.98	141.07	192.88
Vision	5,466	696.00	130.14	103.90	156.38
Cognitive	9,447	940.00	224.93	187.53	262.33
Ambulatory	14,214	902.00	338.43	296.60	380.26
Self-care	4,722	636.00	112.43	88.98	135.88
Independent Living	8,825	861.00	210.12	180.35	239.89
Total civilian noninstitutionalized population	169,424	157.00	4,033.90	3,671.27	4,396.54

DISABILITY								
	CENSUS TRACT 603.03		CENSUS TRACT 603.04		CENSUS TRACT 612.02		CENSUS TRACT 617.05	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
Population with a Disability	667	276.00	258	110.00	510	128.00	271	144.00
Type of Difficulty								
Hearing	145	75.00	61	60.00	204	95.00	0	0.00
Vision	82	44.00	36	35.00	164	88.00	0	0.00
Cognitive	134	65.00	75	75.00	129	92.00	0	0.00
Ambulatory	371	259.00	155	77.00	270	96.00	0	0.00
Self-care	45	31.00	41	55.00	92	61.00	0	0.00
Independent Living	139	66.00	61	45.00	139	84.00	0	0.00
Total civilian noninstitutionalized population	4,270	404.00	3,623	631.00	2,855	266.00	3,084	687.00

DISABILITY					
	ROCKINGHAM COUNTY (n=22)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Population with a Disability	16,078	970.00	730.82	607.30	854.34
Type of Difficulty					
Hearing	4,697	555.00	213.50	174.71	252.29
Vision	3,052	474.00	138.73	105.44	172.01
Cognitive	6,625	736.00	301.14	232.36	369.91
Ambulatory	8,649	780.00	393.14	324.27	462.00
Self-care	3,280	444.00	149.09	111.91	186.27
Independent Living	6,198	614.00	281.73	224.67	338.79
Total civilian noninstitutionalized population	90,567	58.00	4,116.68	3,446.32	4,787.05

DISABILITY						
	CENSUS TRACT 401.01		CENSUS TRACT 402		CENSUS TRACT 411	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
Population with a Disability	575	174.00	751	207.00	1,218	267.00
Type of Difficulty						
Hearing	255	113.00	127	60.00	322	126.00
Vision	57	60.00	49	37.00	229	122.00
Cognitive	116	64.00	301	141.00	323	140.00
Ambulatory	279	120.00	435	159.00	530	183.00
Self-care	118	62.00	120	90.00	130	88.00
Independent Living	126	67.00	374	166.00	411	189.00
Total civilian noninstitutionalized population	3,727	535.00	3,537	518.00	6,277	572.00

DISABILITY					
GUILFORD COUNTY (n=126)					
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Population with a Disability	64,344	2,079.00	510.67	469.43	551.91
Type of Difficulty					
Hearing	14,875	972.00	118.06	103.36	132.75
Vision	11,584	892.00	91.94	79.45	104.43
Cognitive	27,586	1,306.00	218.94	196.88	240.99
Ambulatory	31,271	1,292.00	248.18	224.38	271.98
Self-care	12,976	973.00	102.98	90.10	115.87
Independent Living	22,533	1,125.00	178.83	160.43	197.24
Total civilian noninstitutionalized population	538,436	335.00	4,273.30	3,970.28	4,576.33

DISABILITY						
	CENSUS TRACT 159.02		CENSUS TRACT 160.03		CENSUS TRACT 162.01	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
Population with a Disability	317	119.00	307	145.00	413	159.00
Type of Difficulty						
Hearing	86	61.00	36	22.00	123	88.00
Vision	54	63.00	54	66.00	100	66.00
Cognitive	146	86.00	119	84.00	148	101.00
Ambulatory	143	79.00	180	99.00	214	121.00
Self-care	40	38.00	22	27.00	115	86.00
Independent Living	143	75.00	90	67.00	122	75.00
Total civilian noninstitutionalized population	4,642	725.00	4,799	449.00	6,919	786.00

DISABILITY					
	FORSYTH COUNTY (n=95)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Population with a Disability	48,225	1,679.00	507.63	459.16	556.10
Type of Difficulty					
Hearing	10,913	857.00	114.87	98.90	130.85
Vision	8,449	829.00	88.94	74.37	103.50
Cognitive	19,970	1,479.00	210.21	185.05	235.37
Ambulatory	24,207	1,323.00	254.81	225.56	284.06
Self-care	8,874	823.00	93.41	79.55	107.27
Independent Living	16,662	1,287.00	175.39	153.76	197.02
Total civilian noninstitutionalized population	383,564	707.00	4,037.52	3,714.59	4,360.44

DISABILITY										
	CENSUS TRACT 32.02		CENSUS TRACT 33.12		CENSUS TRACT 33.14		CENSUS TRACT 33.15		CENSUS TRACT 34.02	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
Population with a Disability	660	179.00	507	204.00	389	139.00	403	163.00	418	245.00
Type of Difficulty										
Hearing	192	123.00	224	100.00	166	74.00	0	3,705.00	63	670.00
Vision	86	59.00	49	47.00	113	75.00	0	1,058.00	63	482.00
Cognitive	190	92.00	190	177.00	125	75.00	0	461.00	63	434.00
Ambulatory	339	147.00	215	94.00	133	75.00	0	272.00	63	254.00
Self-care	41	38.00	46	37.00	42	33.00	0	31.00	63	14.00
Independent Living	189	102.00	220	178.00	77	51.00	0	61.00	63	37.00
Total civilian noninstitutionalized population	4,052	485.00	4,147	583.00	3,014	407.00	3,667	530.00	3,188	670.00

DISABILITY					
	DAVIDSON COUNTY (n=42)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Population with a Disability	26,109	1,262.00	621.64	548.12	695.17
Type of Difficulty					
Hearing	7,013	703.00	166.98	141.07	192.88
Vision	5,466	696.00	130.14	103.90	156.38
Cognitive	9,447	940.00	224.93	187.53	262.33
Ambulatory	14,214	902.00	338.43	296.60	380.26
Self-care	4,722	636.00	112.43	88.98	135.88
Independent Living	8,825	861.00	210.12	180.35	239.89
Total civilian noninstitutionalized population	169,424	157.00	4,033.90	3,671.27	4,396.54

DISABILITY						
	CENSUS TRACT 601.04		CENSUS TRACT 602.01		CENSUS TRACT 602.03	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
Population with a Disability	587	233.00	673	175.00	1,009	265.00
Type of Difficulty						
Hearing	243	102.00	214	88.00	257	114.00
Vision	125	102.00	161	91.00	153	157.00
Cognitive	247	201.00	202	112.00	293	122.00
Ambulatory	330	199.00	375	134.00	429	179.00
Self-care	127	113.00	142	100.00	119	92.00
Independent Living	298	206.00	182	89.00	236	120.00
Total civilian noninstitutionalized population	6,543	1,139.00	4,130	647.00	6,170	850.00

Limited English Proficiency

LIMITED ENGLISH PROFICIENCY					
	NORTH CAROLINA (n=2672)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Speak only English	8,685,846	10,932	3250.69	3195.41	3305.97
Spanish	346,393	6,442	129.64	121.65	137.62
French, Haitian, or Cajun	9,907	1,591	3.71	2.90	4.52
German or other West Germanic languages	3,643	714	1.36	0.96	1.77
Russian, Polish, or other Slavic languages	10,007	1,187	3.75	3.09	4.40
Chinese (including Mandarin, Cantonese)	16,417	1,301	6.14	5.20	7.09
Vietnamese	15,622	1,792	5.85	4.56	7.13
Korean	7,532	741	2.82	2.26	3.38
Tagalog (including Filipino)	4,281	646	1.60	1.27	1.93
Other Asian and Pacific Island Languages	26,602	1,464	9.96	8.73	11.18
Other Indo-European Languages	26,989	2,016	10.10	8.77	11.43
Arabic	10,907	1,339	4.08	3.31	4.86
Total Population 5 Years and over	9,986,027	714	3737.29	3673.60	3800.97

LIMITED ENGLISH PROFICIENCY					
	IREDELL COUNTY (n=46)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Speak only English	162,757	1,170	3538.20	3208.63	3867.76
Spanish	4,769	616	103.67	58.72	148.62
French, Haitian, or Cajun	199	146	4.33	0.23	8.43
German or other West Germanic languages	47	40	1.02	-0.14	2.18
Russian, Polish, or other Slavic languages	152	115	3.30	0.20	6.41
Chinese (including Mandarin, Cantonese)	77	69	1.67	-0.49	3.84
Vietnamese	254	254	5.52	-2.34	13.38
Korean	184	128	4.00	-2.39	10.39
Tagalog (including Filipino)	2	7	0.04	-0.04	0.13
Other Asian and Pacific Island Languages	548	216	11.91	3.35	20.48
Other Indo-European Languages	428	234	9.30	2.72	15.89
Arabic	383	439	8.33	-5.57	22.22
Total Population 5 Years and over	181,558	34	3946.91	3577.72	4316.10

LIMITED ENGLISH PROFICIENCY				
	CENSUS TRACT 614.07		CENSUS TRACT 614.04	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)
Speak only English	4,065	377	3,097	420
Spanish	9	13	0	14
French, Haitian, or Cajun	0	14	9	14
German or other West Germanic languages	17	26	0	14
Russian, Polish, or other Slavic languages	0	14	0	14
Chinese (including Mandarin, Cantonese)	0	14	0	14
Vietnamese	0	14	0	14
Korean	0	14	38	53
Tagalog (including Filipino)	0	14	0	14
Other Asian and Pacific Island Languages	0	14	11	18
Other Indo-European Languages	16	28	0	14
Arabic	0	14	0	14
Total Population 5 Years and over	4,503	489	3,366	451

LIMITED ENGLISH PROFICIENCY					
	MECKLENBURG COUNTY (n=305)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Speak only English	829,328	4,102	2719.11	2598.91	2839.30
Spanish	69,274	1,999	227.13	189.47	264.78
French, Haitian, or Cajun	3,480	1,171	11.41	5.84	16.98
German or other West Germanic languages	470	274	1.54	0.31	2.78
Russian, Polish, or other Slavic languages	2,445	482	8.02	5.52	10.52
Chinese (including Mandarin, Cantonese)	2,935	523	9.62	6.20	13.05
Vietnamese	733	733	2.40	-3.43	8.24
Korean	1,093	362	3.58	1.45	5.72
Tagalog (including Filipino)	428	163	1.40	0.74	2.06
Other Asian and Pacific Island Languages	7,061	946	23.15	17.80	28.51
Other Indo-European Languages	7,070	1,191	23.18	18.14	28.22
Arabic	1,759	556	5.77	2.96	8.57
Total Population 5 Years and over	1,058,281	20	3469.77	3321.88	3617.66

LIMITED ENGLISH PROFICIENCY				
	CENSUS TRACT 62.16		CENSUS TRACT 64.03	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)
Speak only English	1,742	256	5,770	558
Spanish	13	20	91	115
French, Haitian, or Cajun	0	14	3	6
German or other West Germanic languages	0	14	3	6
Russian, Polish, or other Slavic languages	9	15	0	19
Chinese (including Mandarin, Cantonese)	0	14	36	53
Vietnamese	0	14	0	19
Korean	0	14	0	19
Tagalog (including Filipino)	0	14	0	19
Other Asian and Pacific Island Languages	0	14	0	19
Other Indo-European Languages	0	14	10	16
Arabic	0	14	0	19
Total Population 5 Years and over	1,817	251	6,288	544

LIMITED ENGLISH PROFICIENCY					
	DAVIDSON COUNTY (n=42)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Speak only English	147,347	1,005	3508.26	3190.02	3826.51
Spanish	4,089	485	97.36	55.35	139.36
French, Haitian, or Cajun	0	32	0.00	0.00	0.00
German or other West Germanic languages	97	66	2.31	0.53	4.09
Russian, Polish, or other Slavic languages	50	82	1.19	-1.14	3.52
Chinese (including Mandarin, Cantonese)	145	130	3.45	0.06	6.85
Vietnamese	102	102	2.43	-0.96	5.82
Korean	85	86	2.02	-0.91	4.96
Tagalog (including Filipino)	124	102	2.95	-1.10	7.00
Other Asian and Pacific Island Languages	420	160	10.00	3.45	16.55
Other Indo-European Languages	139	114	3.31	-0.03	6.65
Arabic	0	32	0.00	0.00	0.00
Total Population 5 Years and over	161,904	0	3854.86	3519.26	4190.45

LIMITED ENGLISH PROFICIENCY								
	CENSUS TRACT 603.03		CENSUS TRACT 603.04		CENSUS TRACT 612.02		CENSUS TRACT 617.05	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
Speak only English	3,897	347	3,264	556	2,489	216	2,801	593
Spanish	51	70	0	14	138	145	0	14
French, Haitian, or Cajun	0	14	0	14	0	14	0	14
German or other West Germanic languages	0	14	0	14	0	14	0	14
Russian, Polish, or other Slavic languages	0	14	0	14	0	14	0	14
Chinese (including Mandarin, Cantonese)	0	14	0	14	0	14	11	18
Vietnamese	4	8	0	14	0	14	0	14
Korean	0	14	0	14	0	14	0	14
Tagalog (including Filipino)	0	14	0	14	0	14	0	14
Other Asian and Pacific Island Languages	0	14	0	14	0	14	79	112
Other Indo-European Languages	0	14	22	34	0	14	0	14
Arabic	0	14	0	14	0	14	0	14
Total Population 5 Years and over	4,105	367	3,388	533	2,754	251	2,892	632

LIMITED ENGLISH PROFICIENCY					
	ROCKINGHAM COUNTY (n=22)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Speak only English	82,018	595	3728.09	3130.73	4325.46
Spanish	1,953	347	88.77	54.40	123.15
French, Haitian, or Cajun	50	63	2.27	-0.93	5.48
German or other West Germanic languages	5	20	0.23	-0.22	0.67
Russian, Polish, or other Slavic languages	19	35	0.86	-0.83	2.56
Chinese (including Mandarin, Cantonese)	0	32	0.00	0.00	0.00
Vietnamese	32	32	1.45	0.00	0.00
Korean	0	32	0.00	0.00	0.00
Tagalog (including Filipino)	5	9	0.23	-0.22	0.67
Other Asian and Pacific Island Languages	0	32	0.00	0.00	0.00
Other Indo-European Languages	23	26	1.05	-0.60	2.69
Arabic	28	42	1.27	-1.22	3.77
Total Population 5 Years and over	87,003	32	3954.68	3310.31	4599.06

LIMITED ENGLISH PROFICIENCY						
	CENSUS TRACT 401.01		CENSUS TRACT 402		CENSUS TRACT 411	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
Speak only English	3,260	400	2,926	369	5,763	520
Spanish	21	23	157	143	7	14
French, Haitian, or Cajun	0	14	0	14	0	19
German or other West Germanic languages	0	14	0	14	0	19
Russian, Polish, or other Slavic languages	0	14	0	14	0	19
Chinese (including Mandarin, Cantonese)	0	14	0	14	0	19
Vietnamese	0	14	0	14	0	19
Korean	0	14	0	14	0	19
Tagalog (including Filipino)	0	14	0	14	0	19
Other Asian and Pacific Island Languages	0	14	0	14	0	19
Other Indo-European Languages	0	14	0	14	0	19
Arabic	0	14	0	14	0	19
Total Population 5 Years and over	3,580	512	3,269	443	6,053	539

LIMITED ENGLISH PROFICIENCY					
	GUILFORD COUNTY (n=126)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Speak only English	430,993	2,776	3420.58	3158.22	3682.94
Spanish	15,110	1,321	119.92	95.26	144.58
French, Haitian, or Cajun	952	298	7.56	4.08	11.03
German or other West Germanic languages	143	80	1.13	0.46	1.81
Russian, Polish, or other Slavic languages	942	613	7.48	1.51	13.44
Chinese (including Mandarin, Cantonese)	936	355	7.43	3.97	10.88
Vietnamese	683	683	5.42	-5.79	16.63
Korean	562	207	4.46	1.94	6.98
Tagalog (including Filipino)	342	216	2.71	0.24	5.19
Other Asian and Pacific Island Languages	2,821	570	22.39	14.90	29.88
Other Indo-European Languages	3,160	585	25.08	13.62	36.54
Arabic	2,203	581	17.48	9.69	25.28
Total Population 5 Years and over	512,447	0	4067.04	3782.32	4351.76

LIMITED ENGLISH PROFICIENCY						
	CENSUS TRACT 159.02		CENSUS TRACT 160.03		CENSUS TRACT 162.01	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
Speak only English	4,090	752	3,946	431	5,917	808
Spanish	0	14	37	63	16	27
French, Haitian, or Cajun	0	14	0	14	0	19
German or other West Germanic languages	0	14	0	14	0	19
Russian, Polish, or other Slavic languages	0	14	0	14	0	19
Chinese (including Mandarin, Cantonese)	62	55	0	14	58	59
Vietnamese	0	14	40	57	0	19
Korean	18	29	0	14	0	19
Tagalog (including Filipino)	0	14	0	14	0	19
Other Asian and Pacific Island Languages	22	26	86	90	0	19
Other Indo-European Languages	0	14	11	17	181	221
Arabic	0	14	0	14	0	19
Total Population 5 Years and over	4,519	721	4,541	442	6,667	776

LIMITED ENGLISH PROFICIENCY					
	FORSYTH COUNTY (n=95)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Speak only English	308,458	1,973	3246.93	2979.91	3513.95
Spanish	16,853	1,222	177.40	128.88	225.92
French, Haitian, or Cajun	270	166	2.84	0.67	5.02
German or other West Germanic languages	109	89	1.15	0.15	2.15
Russian, Polish, or other Slavic languages	202	189	2.13	-0.28	4.53
Chinese (including Mandarin, Cantonese)	881	365	9.27	4.47	14.07
Vietnamese	112	112	1.18	-1.25	3.61
Korean	76	65	0.80	-0.01	1.61
Tagalog (including Filipino)	149	151	1.57	-0.30	3.43
Other Asian and Pacific Island Languages	499	233	5.25	1.71	8.79
Other Indo-European Languages	649	210	6.83	3.16	10.50
Arabic	238	273	2.51	-1.13	6.14
Total Population 5 Years and over	364,505	60	3836.89	3535.06	4138.73

LIMITED ENGLISH PROFICIENCY										
	CENSUS TRACT 32.02		CENSUS TRACT 33.12		CENSUS TRACT 33.14		CENSUS TRACT 33.15		CENSUS TRACT 34.02	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
Speak only English	3,142	448	3,677	562	2,574	378	2,936	402	2,510	648
Spanish	371	216	86	81	32	43	213	182	133	110
French, Haitian, or Cajun	0	14	0	14	0	14	0	14	0	14
German or other West Germanic languages	17	26	0	14	0	14	0	14	0	14
Russian, Polish, or other Slavic languages	0	14	0	14	0	14	7	11	0	14
Chinese (including Mandarin, Cantonese)	0	14	0	14	0	14	0	14	0	14
Vietnamese	0	14	0	14	0	14	0	14	0	14
Korean	0	14	0	14	0	14	0	14	0	14
Tagalog (including Filipino)	0	14	0	14	0	14	25	37	0	14
Other Asian and Pacific Island Languages	0	14	0	14	0	14	0	14	0	14
Other Indo-European Languages	13	22	0	14	0	14	0	14	9	14
Arabic	0	14	0	14	0	14	0	14	0	14
Total Population 5 Years and over	3,896	485	3,947	556	2,892	399	3,427	474	3,095	678

LIMITED ENGLISH PROFICIENCY					
	DAVIDSON COUNTY (n=42)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Speak only English	147,347	1,005	3508.26	3190.02	3826.51
Spanish	4,089	485	97.36	55.35	139.36
French, Haitian, or Cajun	0	32	0.00	0.00	0.00
German or other West Germanic languages	97	66	2.31	0.53	4.09
Russian, Polish, or other Slavic languages	50	82	1.19	-1.14	3.52
Chinese (including Mandarin, Cantonese)	145	130	3.45	0.06	6.85
Vietnamese	102	102	2.43	-0.96	5.82
Korean	85	86	2.02	-0.91	4.96
Tagalog (including Filipino)	124	102	2.95	-1.10	7.00
Other Asian and Pacific Island Languages	420	160	10.00	3.45	16.55
Other Indo-European Languages	139	114	3.31	-0.03	6.65
Arabic	0	32	0.00	0.00	0.00
Total Population 5 Years and over	161,904	0	3854.86	3519.26	4190.45

LIMITED ENGLISH PROFICIENCY						
	CENSUS TRACT 601.04		CENSUS TRACT 602.01		CENSUS TRACT 602.03	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
Speak only English	5,859	1,216	3,911	660	5,391	692
Spanish	0	19	84	85	0	19
French, Haitian, or Cajun	0	19	0	14	0	19
German or other West Germanic languages	0	19	0	14	0	19
Russian, Polish, or other Slavic languages	0	19	0	14	0	19
Chinese (including Mandarin, Cantonese)	0	19	0	14	0	19
Vietnamese	0	19	0	14	0	19
Korean	0	19	0	14	0	19
Tagalog (including Filipino)	0	19	0	14	0	19
Other Asian and Pacific Island Languages	0	19	0	14	0	19
Other Indo-European Languages	0	19	0	14	0	19
Arabic	0	19	0	14	0	19
Total Population 5 Years and over	6,134	1,225	4,099	646	5,664	749

Educational Attainment

EDUCATIONAL ATTAINMENT					
	NORTH CAROLINA (n=2672)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Less than High School Graduate	114,342	2,700	42.79	40.86	44.73
High school graduate (includes equivalency)	341,857	4,141	127.94	120.27	135.61
Population age 18-24 years	999,707	1,313	374.14	355.30	392.98
Less than 9th grade	288,456	4,800	107.96	103.40	112.51
9th to 12th grade, no diploma	456,125	7,346	170.71	165.41	176.00
High school graduate (includes equivalency)	1,812,528	12,817	678.34	663.53	693.15
Bachelor's degree	2,521,353	18,699	943.62	913.88	973.36
Population age 25 years and over	7,261,810	1,386	2,717.74	2,671.99	2,763.50

EDUCATIONAL ATTAINMENT					
	IREDELL COUNTY (n=46)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Less than High School Graduate	10	290	34.35	27.35	41.35
High school graduate (includes equivalency)	45	628	146.87	123.78	169.96

Population age 18-24 years	8	91	91.00	289.52	368.39
Less than 9th grade	3	587	587.00	59.47	119.53
9th to 12th grade, no diploma	6	778	778.00	130.92	200.12
High school graduate (includes equivalency)	27	1,472	1472.00	699.84	874.38
Bachelor's degree	33	1,377	1377.00	763.33	1171.63
Population age 25 years and over	70	91	91.00	2625.79	3179.43

EDUCATIONAL ATTAINMENT				
	CENSUS TRACT 614.07		CENSUS TRACT 614.04	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)
Less than High School Graduate	27	39	35	37
High school graduate (includes equivalency)	50	54	33	35
Population age 18-24 years	277	178	383	181
Less than 9th grade	14	22	15	24
9th to 12th grade, no diploma	83	51	9	13
High school graduate (includes equivalency)	644	147	674	237

Bachelor's degree	1,869	467	1,117	251
Population age 25 years and over	3,553	445	3,553	362

EDUCATIONAL ATTAINMENT					
	MECKLENBURG COUNTY (n=305)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Less than High School Graduate	12	1,072	41.22	34.94	47.51
High school graduate (includes equivalency)	29	1,721	97.55	86.73	108.38
Population age 18-24 years	9	60	60.00	295.83	380.54
Less than 9th grade	5	2,090	2090.00	103.95	139.68
9th to 12th grade, no diploma	4	1,659	1659.00	95.83	123.45
High school graduate (includes equivalency)	16	3,409	3409.00	381.37	443.21
Bachelor's degree	49	4,553	4553.00	1146.16	1298.28
Population age 25 years and over	68	61	61.00	2411.69	2617.14

EDUCATIONAL ATTAINMENT				
	CENSUS TRACT 62.16		CENSUS TRACT 64.03	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)
Less than High School Graduate	5	8	0	19

High school graduate (includes equivalency)	9	14	425	243
Population age 18-24 years	54	45	1,901	209
Less than 9th grade	0	14	66	65
9th to 12th grade, no diploma	50	55	73	81
High school graduate (includes equivalency)	194	100	338	158
Bachelor's degree	933	215	2,378	344
Population age 25 years and over	1,501	196	1,501	360

EDUCATIONAL ATTAINMENT					
	DAVIDSON COUNTY (n=42)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Less than High School Graduate	16	427	48.90	33.73	64.08
High school graduate (includes equivalency)	42	569	131.98	96.40	167.56
Population age 18-24 years	8	133	133.00	256.05	365.53
Less than 9th grade	4	618	618.00	88.00	159.43
9th to 12th grade, no diploma	8	857	857.00	184.47	275.24

High school graduate (includes equivalency)	32	1,575	1575.00	833.18	1033.92
Bachelor's degree	21	1,435	1435.00	484.95	706.38
Population age 25 years and over	71	133	133.00	2628.21	3120.84

EDUCATIONAL ATTAINMENT								
	CENSUS TRACT 603.03		CENSUS TRACT 603.04		CENSUS TRACT 612.02		CENSUS TRACT 617.05	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
Less than High School Graduate	27	26	52	45	62	64	5	16
High school graduate (includes equivalency)	68	56	198	129	71	67	83	97
Population age 18-24 years	223	88	278	125	171	82	165	110
Less than 9th grade	43	49	0	14	70	64	38	58
9th to 12th grade, no diploma	258	196	185	132	139	88	444	279
High school graduate (includes equivalency)	978	157	623	148	868	206	703	268
Bachelor's degree	890	184	521	173	441	196	331	124
Population age 25 years and over	3,243	289	3,243	399	2,092	196	2,308	552

EDUCATIONAL ATTAINMENT					
	ROCKINGHAM COUNTY (n=22)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Less than High School Graduate	16	316	47.05	28.13	65.96
High school graduate (includes equivalency)	39	422	118.64	75.50	161.77
Population age 18-24 years	7	169	169.00	227.17	374.20
Less than 9th grade	4	500	500.00	97.48	163.70
9th to 12th grade, no diploma	11	655	655.00	255.62	423.28
High school graduate (includes equivalency)	35	1,069	1069.00	873.87	1210.32
Bachelor's degree	16	856	856.00	348.21	622.97
Population age 25 years and over	72	223	223.00	2551.87	3469.76

EDUCATIONAL ATTAINMENT						
	CENSUS TRACT 401.01		CENSUS TRACT 402		CENSUS TRACT 411	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
Less than High School Graduate	120	144	26	32	112	65
High school graduate (includes equivalency)	83	78	57	43	98	69
Population age 18-24 years	271	172	157	87	432	151

Less than 9th grade	97	55	324	172	131	102
9th to 12th grade, no diploma	262	127	360	138	201	91
High school graduate (includes equivalency)	1,182	302	917	234	1,512	327
Bachelor's degree	214	107	280	148	725	246
Population age 25 years and over	2,963	411	2,963	387	4,548	478

EDUCATIONAL ATTAINMENT					
	ROCKINGHAM COUNTY (n=22)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Less than High School Graduate	16	316	47.05	28.13	65.96
High school graduate (includes equivalency)	39	422	118.64	75.50	161.77
Population age 18-24 years	7	169	169.00	227.17	374.20
Less than 9th grade	4	500	500.00	97.48	163.70
9th to 12th grade, no diploma	11	655	655.00	255.62	423.28
High school graduate (includes equivalency)	35	1,069	1069.00	873.87	1210.32
Bachelor's degree	16	856	856.00	348.21	622.97
Population age 25 years and over	72	223	223.00	2551.87	3469.76

EDUCATIONAL ATTAINMENT						
	CENSUS TRACT 401.01		CENSUS TRACT 402		CENSUS TRACT 411	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
Less than High School Graduate	120	144	26	32	112	65
High school graduate (includes equivalency)	83	78	57	43	98	69
Population age 18-24 years	271	172	157	87	432	151
Less than 9th grade	97	55	324	172	131	102
9th to 12th grade, no diploma	262	127	360	138	201	91
High school graduate (includes equivalency)	1,182	302	917	234	1,512	327
Bachelor's degree	214	107	280	148	725	246
Population age 25 years and over	2,963	411	2,963	387	4,548	478

EDUCATIONAL ATTAINMENT					
	GUILFORD COUNTY (n=126)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Less than High School Graduate	9	727	44.20	34.69	53.70
High school graduate (includes equivalency)	28	1,271	141.63	116.79	166.47

Population age 18-24 years	12	73	73.00	377.76	627.20
Less than 9th grade	4	1,053	1053.00	89.27	127.57
9th to 12th grade, no diploma	6	1,463	1463.00	143.51	194.19
High school graduate (includes equivalency)	23	2,576	2576.00	580.44	709.51
Bachelor's degree	38	2,555	2555.00	955.89	1217.41
Population age 25 years and over	66	72	72.00	2639.25	3064.70

EDUCATIONAL ATTAINMENT						
	CENSUS TRACT 159.02		CENSUS TRACT 160.03		CENSUS TRACT 162.01	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
Less than High School Graduate	69	51	10	17	79	131
High school graduate (includes equivalency)	120	65	53	40	69	48
Population age 18-24 years	226	81	254	142	433	209
Less than 9th grade	9	15	87	88	27	41
9th to 12th grade, no diploma	10	16	20	21	39	41
High school graduate (includes equivalency)	488	148	690	184	871	281
Bachelor's degree	1,911	385	1,534	261	2,536	452

Population age 25 years and over	3,209	426	3,209	270	4,982	686
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EDUCATIONAL ATTAINMENT					
	FORSYTH COUNTY (n=95)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Less than High School Graduate	13	535	52.33	41.76	62.89
High school graduate (includes equivalency)	35	917	144.07	105.05	183.09
Population age 18-24 years	10	93	93.00	322.28	490.71
Less than 9th grade	4	921	921.00	91.51	134.72
9th to 12th grade, no diploma	6	1,111	1111.00	135.71	189.49
High school graduate (includes equivalency)	24	1,993	1993.00	587.89	732.57
Bachelor's degree	37	2,246	2246.00	876.99	1140.59
Population age 25 years and over	67	87	87.00	2498.73	2973.03

EDUCATIONAL ATTAINMENT										
	CENSUS TRACT 32.02		CENSUS TRACT 33.12		CENSUS TRACT 33.14		CENSUS TRACT 33.15		CENSUS TRACT 34.02	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)

Less than High School Graduate	76	71	44	61	0	14	31	33	0	14
High school graduate (includes equivalency)	30	48	12	20	80	63	61	69	48	37
Population age 18-24 years	349	192	255	124	302	145	272	163	345	254
Less than 9th grade	137	107	231	173	0	14	83	88	176	146
9th to 12th grade, no diploma	150	78	129	78	56	45	232	133	160	95
High school graduate (includes equivalency)	710	168	628	173	632	159	783	336	458	128
Bachelor's degree	912	184	1,171	209	686	185	701	188	679	228
Population age 25 years and over	2,636	263	2,636	480	2,234	294	2,732	385	2,180	409

EDUCATIONAL ATTAINMENT					
	DAVIDSON COUNTY (n=42)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Less than High School Graduate	16	427	48.90	33.73	64.08
High school graduate (includes equivalency)	42	569	131.98	96.40	167.56
Population age 18-24 years	8	133	133.00	256.05	365.53
Less than 9th grade	4	618	618.00	88.00	159.43
9th to 12th grade, no diploma	8	857	857.00	184.47	275.24

High school graduate (includes equivalency)	32	1,575	1575.00	833.18	1033.92
Bachelor's degree	21	1,435	1435.00	484.95	706.38
Population age 25 years and over	71	133	133.00	2628.21	3120.84

EDUCATIONAL ATTAINMENT						
	CENSUS TRACT 601.04		CENSUS TRACT 602.01		CENSUS TRACT 602.03	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
Less than High School Graduate	8	13	14	24	68	93
High school graduate (includes equivalency)	175	132	45	42	126	115
Population age 18-24 years	351	192	169	105	374	275
Less than 9th grade	0	19	60	36	17	30
9th to 12th grade, no diploma	70	62	114	66	380	171
High school graduate (includes equivalency)	1,471	288	1,217	283	1,333	317
Bachelor's degree	1,566	553	784	242	1,107	333
Population age 25 years and over	4,352	602	4,352	463	4,620	568

Poverty & Low Income

POVERTY					
	NORTH CAROLINA (n=2672)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Below Poverty Level	1,355,827	16,940	507.42	492.22	522.62
Below 200% of the Poverty Level	3,195,199	26,486	1,195.81	1,167.73	1,223.89
Total Population for whom Poverty Status is Determined	10,297,193	2,274	3,853.74	3,785.91	3,921.57

POVERTY					
	IREDELL COUNTY (n=46)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Below Poverty Level	17,271	1,725	375.46	303.28	447.64
Below 200% of the Poverty Level	43,562	2,479	947.00	810.07	1,083.93
Total Population for whom Poverty Status is Determined	189,857	350	4,127.33	3,738.80	4,515.86

POVERTY				
	CENSUS TRACT 614.07		CENSUS TRACT 614.04	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)
Below Poverty Level	281	163	147	94
Below 200% of the Poverty Level	163	244	94	302

Total Population for whom Poverty Status is Determined	4,685	645	3,406	451
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POVERTY					
	MECKLENBURG COUNTY (n=305)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Below Poverty Level	115,896	5,818	379.99	338.86	421.11
Below 200% of the Poverty Level	284,928	6,627	934.19	851.11	1,017.27
Total Population for whom Poverty Status is Determined	1,113,265	1,269	3,650.05	3,491.13	3,808.97

POVERTY				
	CENSUS TRACT 62.16		CENSUS TRACT 64.03	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)
Below Poverty Level	170	136	618	574
Below 200% of the Poverty Level	136	144	574	593
Total Population for whom Poverty Status is Determined	1,850	245	4,720	540

POVERTY					
	DAVIDSON COUNTY (n=42)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper

Below Poverty Level	23,367	2,321	556.36	452.14	660.57
Below 200% of the Poverty Level	57,844	2,987	1,377.24	1,200.12	1,554.36
Total Population for whom Poverty Status is Determined	169,012	207	4,024.10	3,661.87	4,386.32

POVERTY								
	CENSUS TRACT 603.03		CENSUS TRACT 603.04		CENSUS TRACT 612.02		CENSUS TRACT 617.05	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
Below Poverty Level	336	218	269	172	232	208	236	230
Below 200% of the Poverty Level	218	329	172	357	208	333	230	396
Total Population for whom Poverty Status is Determined	4,270	404	3,570	624	2,855	266	3,084	687

POVERTY					
	ROCKINGHAM COUNTY (n=22)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Below Poverty Level	15,086	1,733	685.73	529.20	842.26
Below 200% of the Poverty Level	34,309	2,009	1,559.50	1,282.46	1,836.54
Total Population for whom Poverty Status is Determined	89,541	493	4,070.05	3,413.73	4,726.36

POVERTY						
	CENSUS TRACT 401.01		CENSUS TRACT 402		CENSUS TRACT 411	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
Below Poverty Level	356	175	971	394	978	420
Below 200% of the Poverty Level	175	293	394	518	420	489
Total Population for whom Poverty Status is Determined	3,721	535	3,537	518	6,251	573

POVERTY					
	GUILFORD COUNTY (n=126)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Below Poverty Level	79,108	3,694	627.84	541.12	714.56
Below 200% of the Poverty Level	174,100	4,559	1,381.75	1,240.25	1,523.24
Total Population for whom Poverty Status is Determined	519,697	751	4,124.58	3,814.35	4,434.80

POVERTY						
	CENSUS TRACT 159.02		CENSUS TRACT 160.03		CENSUS TRACT 162.01	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
Below Poverty Level	188	125	60	68	134	91
Below 200% of the Poverty Level	125	224	68	408	91	185

Total Population for whom Poverty Status is Determined	4,642	725	4,799	449	6,919	786
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POVERTY					
	FORSYTH COUNTY (n=95)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Below Poverty Level	55,308	2,808	582.19	490.46	673.92
Below 200% of the Poverty Level	125,732	3,766	1,323.49	1,170.22	1,476.77
Total Population for whom Poverty Status is Determined	376,368	753	3,961.77	3,625.03	4,298.51

POVERTY										
	CENSUS TRACT 32.02		CENSUS TRACT 33.12		CENSUS TRACT 33.14		CENSUS TRACT 33.15		CENSUS TRACT 34.02	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
Below Poverty Level	1,174	443	268	163	153	101	461	206	642	434
Below 200% of the Poverty Level	443	459	163	250	101	129	206	379	434	482

Total Population for whom Poverty Status is Determined	4,052	485	4,101	557	3,001	408	3,705	541	3,188	670
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POVERTY					
	DAVIDSON COUNTY (n=42)				
	Estimate	MOE (+/-)	Average	95% CI (+/-)	
				Lower	Upper
Below Poverty Level	23,367	2,321	556.36	452.14	660.57
Below 200% of the Poverty Level	57,844	2,987	1,377.24	1,200.12	1,554.36
Total Population for whom Poverty Status is Determined	169,012	207	4,024.10	3,661.87	4,386.32

POVERTY						
	CENSUS TRACT 601.04		CENSUS TRACT 602.01		CENSUS TRACT 602.03	
	Estimate	MOE (+/-)	Estimate	MOE (+/-)	Estimate	MOE (+/-)
Below Poverty Level	638	490	112	56	171	162
Below 200% of the Poverty Level	490	683	56	441	162	685
Total Population for whom Poverty Status is Determined	6,543	1,139	4,130	647	6,225	836

US EPA Report

The following ACS 2019-2023 report shows the demographics and information provided through US EPA for the one-mile radius around Compressor Station 150 and Compressor Station 155.

Compressor Station 150:

EJScreen Multisite Report

This report summarizes environmental and socioeconomic information for user-defined areas, and combines that data into environmental justice and supplemental indexes.

EJAM Report

Site 1 (ejam_unit_id 1)
with 1 mile buffer
Population: 1,878

Environmental and Socioeconomic Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
POLLUTION AND SOURCES					
Particulate Matter (PM 2.5 in ug/m3)	0.23	0.28	69	0.45	62
Ozone (ppb)	55.8	54.5	63	61.8	25
Nitrogen Dioxide (NO2)	8.8	12.5	45	7.8	28
Coarse Particulate Matter (ug/m3)	0.131	0.102	72	0.191	45
Truck Releases to Air	3,000	3,100	78	4,600	79
Traffic Proximity and Volume (daily traffic count/distance to road)	500,000	680,000	67	1,700,000	39
Lead Paint Indicator (in pre-1960 housing)	0.00	0.17	18	0.3	15
Superfund Proximity (mile count/distance)	0.00	0.11	2	0.39	0
RMP Proximity (facility count/distance)	0.08	0.29	35	0.87	29
Hazardous Waste Proximity (facility count/distance)	0.2	0.8	40	3.5	24
Underground Storage Tanks (UST) Indicator	0.5	0.8	54	2.5	42
Wastewater Discharge Indicator (facility-weighted concentration/distance)	5,000	1,300	99	700,000	66
Drinking Water Non-Compliance	0.0	0.58	76	2.2	73
SOCIOECONOMIC INDICATORS					
Demographic Index USA	0.53	1.49	15	1.34	19
Supplemental Demographic Index USA	1.04	1.81	14	1.84	18
% Low Income	12%	34%	18	30%	22
% in limited English-speaking households	1%	2%	47	2%	27
% Unemployed	6%	5%	65	6%	66
% with Less Than High School Education	1%	11%	14	11%	15
% under Age 5	7%	5%	67	7%	66
% over Age 65	21%	10%	65	18%	67
% People of Color	18%	37%	31	40%	34

Environmental Justice & Supplemental Indexes

The environmental justice and supplemental indexes are a combination of environmental and socioeconomic information. For each of the environmental indicators in EJScreen, there is an EJ Index and a Supplemental EJ Index. The indexes for a selected area are compared to those for all other locations in the state or nation. For more information and calculation details on the EJ and supplemental indexes, please visit the EJScreen website.

EJ INDEXES

The EJ Indexes help users screen for potential EJ concerns. To do this, the EJ Index combines data on low income and people of color populations with a single environmental indicator.

SELECTED VARIABLES	PERCENTILE IN STATE	PERCENTILE IN USA
EJ INDEXES		
Particulate Matter EJ Index	53	36
Ozone EJ Index	55	34
Nitrogen Dioxide (NO2) EJ Index	39	24
Coarse Particulate Matter EJ Index	44	31
Truck Releases to Air EJ Index	44	48
Traffic Proximity and Volume EJ Index	37	30
Lead Paint EJ Index	17	15
Superfund Proximity EJ Index	0	0
RMP Proximity EJ Index	35	29
Hazardous Waste Proximity EJ Index	31	23
Underground Storage Tanks EJ Index	34	38
Wastewater Discharge EJ Index	31	52
Drinking Water Non-Compliance EJ Index	77	73
SUPPLEMENTAL EJ INDEXES		
Particulate Matter Supplemental EJ Index	70	36
Ozone Supplemental EJ Index	48	36
Nitrogen Dioxide (NO2) Supplemental EJ Index	45	33
Coarse Particulate Matter Supplemental EJ Index	54	31
Truck Releases to Air Supplemental EJ Index	54	47
Traffic Proximity and Volume Supplemental EJ Index	41	31
Lead Paint Supplemental EJ Index	18	15
Superfund Proximity Supplemental EJ Index	0	0
RMP Proximity Supplemental EJ Index	34	29
Hazardous Waste Proximity Supplemental EJ Index	28	19
Underground Storage Tanks Supplemental EJ Index	31	34
Wastewater Discharge Supplemental EJ Index	63	66
Drinking Water Non-Compliance Supplemental EJ Index	77	73

SELECTED VARIABLES	VALUE
BREAKDOWN BY RACE	
% Hispanic or Latino	1%
% Black or African American (non-Hispanic, single race)	10%
% Asian (non-Hispanic, single race)	1%
% American Indian and Alaska Native (non-Hispanic, single race)	0%
% Native Hawaiian and Other Pacific Islander (non-Hispanic, single race)	0%
% Other race (non-Hispanic, single race)	1%
% Two or more races (non-Hispanic)	2%
% White (non-Hispanic, single race)	82%
BREAKDOWN BY GENDER	
% Male	51%
% Female	49%
LIMITED ENGLISH SPEAKING BREAKDOWN	
% Spanish lang (as first/limited English skills)	0%
% Other Indo-European lang (as first/limited English skills)	0%
% Asian-Pacific Island lang (as first/limited English skills)	0%
% Other lang (as first/limited English skills)	0%

Note: Direct particulate matter index is from the EPA's Air Toxics Data System, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to provide air toxics, emissions sources, and locations of interest. For further study, it is important to recognize that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country and do not include site-specific data on location. More information on the Air Toxics Data System can be found at <https://www.epa.gov/air-toxics-data-system>.

Compressor Station 155:

EJScreen Multisite Report

This report summarizes environmental and socioeconomic information for user-defined areas, and combines that data into environmental justice and supplemental indexes.

EJAM Report

1 Mile Ring Centered at 56.889487, -80.322358
Area in Square Miles: 3.14
Population: 1,286

Environmental and Supplemental Indicators Data

SELECTED VARIABLES	VALUE	STATE AVERAGE	PERCENTILE IN STATE	USA AVERAGE	PERCENTILE IN USA
POLLUTION AND SOURCES					
Particulate Matter (PM 2.5 in µg/m³)	0.20	0.89	65	0.45	51
Ozone (ppb)	55.9	54.5	45	61.8	37
Nitrogen Dioxide (NO2)	4.7	5.0	49	7.8	30
Coarse Particulate Matter (µg/m³)	0.067	0.103	50	0.191	36
Toxic Releases to Air	3,300	3,100	60	4,000	60
Traffic Proximity and Volume (daily traffic count/distance to road)	150,000	680,000	21	1,700,000	21
Lead Paint Indicator (% pre-1960s housing)	0.19	0.17	68	0.3	40
Superfund Proximity (mile count/distance)	0.00	0.11	0	0.36	0
RMP Proximity (facility count/distance)	0.04	0.29	34	0.57	28
Hazardous Waste Proximity (facility count/distance)	0.4	0.8	50	1.5	39
Underground Storage Tanks (UST) indicator	1.1	3.8	49	3.8	54
Wastewater Discharge Indicator (density-weighted concentration/distance)	38	1,300	55	700,000	45
Drinking Water Non-Compliance	0.0	0.58	0	2.3	0
SOCIOECONOMIC INDICATORS					
Demographic Index USA	1.10	1.48	40	1.34	47
Supplemental Demographic Index USA	1.81	1.81	55	1.84	65
% Low Income	40%	34%	68	30%	74
% In limited English-speaking households	0%	2%	65	0%	58
% Unemployed	0%	2%	37	0%	33
% with Less Than High School Education	15%	11%	65	11%	71
% under Age 5	4%	2%	45	2%	44
% over Age 64	18%	16%	27	18%	59
% People of Color	8%	27%	11	40%	13

Environmental Justice & Supplemental Indexes

The environmental justice and supplemental indexes are a combination of environmental and socioeconomic information. For each of the environmental indicators in EJScreen, there is an EJ Index and a Supplemental EJ Index. The indexes for a selected area are compared to those for all other locations in the state or nation. For more information and calculation details on the EJ and supplemental indexes, please visit the [EJScreen website](#).

EJ INDEXES

The EJ Indexes help users screen for potential EJ concerns. To do this, the EJ Index combines data on low income and people of color populations with a single environmental indicator.

SELECTED VARIABLES	PERCENTILE IN STATE	PERCENTILE IN USA
EJ INDEXES		
Particulate Matter EJ Index	79	55
Ozone EJ Index	79	51
Nitrogen Dioxide (NO2) EJ Index	51	39
Coarse Particulate Matter EJ Index	63	38
Toxic Releases to Air EJ Index	71	72
Traffic Proximity and Volume EJ Index	37	31
Lead Paint EJ Index	60	55
Superfund Proximity EJ Index	0	0
RMP Proximity EJ Index	37	33
Hazardous Waste Proximity EJ Index	51	39
Underground Storage Tanks EJ Index	49	55
Wastewater Discharge EJ Index	55	55
Drinking Water Non-Compliance EJ Index	0	0
SUPPLEMENTAL EJ INDEXES		
Particulate Matter Supplemental EJ Index	60	64
Ozone Supplemental EJ Index	69	57
Nitrogen Dioxide (NO2) Supplemental EJ Index	80	37
Coarse Particulate Matter Supplemental EJ Index	64	36
Toxic Releases to Air Supplemental EJ Index	65	64
Traffic Proximity and Volume Supplemental EJ Index	37	33
Lead Paint Supplemental EJ Index	67	57
Superfund Proximity Supplemental EJ Index	0	0
RMP Proximity Supplemental EJ Index	37	39
Hazardous Waste Proximity Supplemental EJ Index	53	39
Underground Storage Tanks Supplemental EJ Index	54	63
Wastewater Discharge Supplemental EJ Index	54	58
Drinking Water Non-Compliance Supplemental EJ Index	0	0

SELECTED VARIABLES	VALUE
BREAKDOWN BY RACE	
% Hispanic or Latino	4%
% Black or African American (non-Hispanic, single race)	1%
% Asian (non-Hispanic, single race)	0%
% American Indian and Alaska Native (non-Hispanic, single race)	0%
% Native Hawaiian and Other Pacific Islander (non-Hispanic, single race)	0%
% Other race (non-Hispanic, single race)	0%
% Two or more races (non-Hispanic)	1%
% White (non-Hispanic, single race)	94%
BREAKDOWN BY GENDER	
% Male	50%
% Female	50%
LIMITED ENGLISH SPEAKING BREAKDOWN	
% Spanish lang (as first limited English status)	100%
% Other non-European lang (as first limited English status)	0%
% Asian-Pacific Island lang (as first limited English status)	0%
% Other lang (as first limited English status)	0%

Note: Small population counts may be shown for the EJ Index. For these data updates, which are the Agency's ongoing, representative estimation of air toxics in the United States. This information is provided for informational purposes only and is not intended to be used for regulatory purposes. It is important to recognize that the air toxics data presented here provide a general overview of the country, not definitive data in specific individuals or locations. More information on the Air Toxics Data Update can be found at <https://www.epa.gov/toxicscreening/ejscreen>.

Appendix D: County-Level Health Rankings

County health ranks and corresponding quartiles for both the health outcomes and health factors categories were taken from the University of Wisconsin Population Health Institute 2025 County Health

Rankings National Data. Distributions of z-score ranges as reported by the 2025 County Health Rankings National Data for data present in the state of North Carolina for population health and well-being and community conditions are represented in **Figures 33 & 34**.

Figure 33. Histogram of population health and well-being ranges for national z-scores reported in 2025 County Health Rankings data.

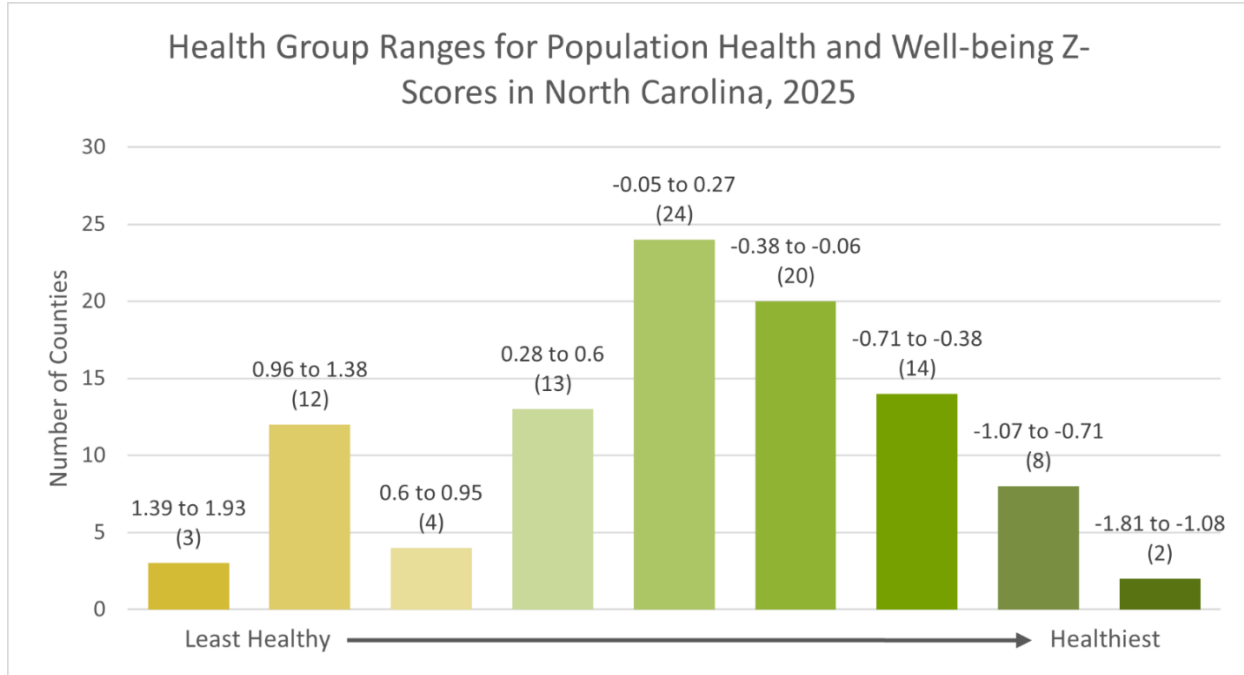
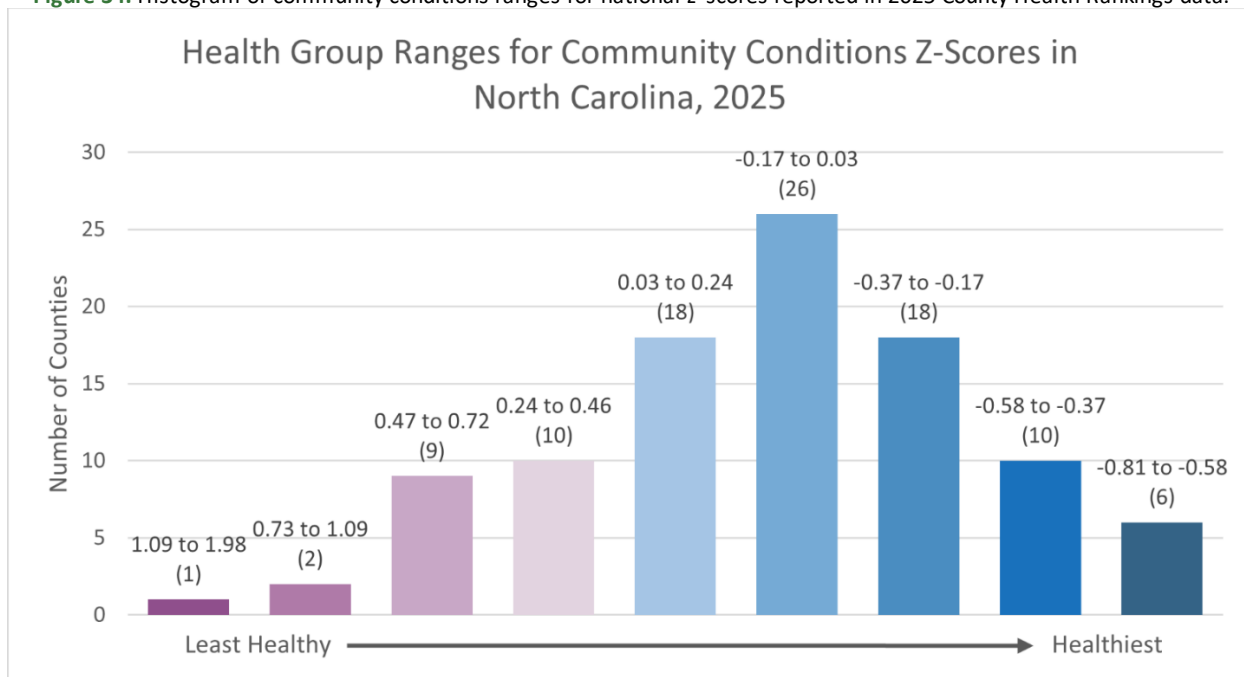


Figure 34. Histogram of community conditions ranges for national z-scores reported in 2025 County Health Rankings data.



Appendix E: CDC Index Model

The CDC Index is intended to evaluate the cumulative impacts to health by ranking census tracts based on combined social, environmental burden, and health vulnerability indicators. Social vulnerability indicators include racial/ethnic minority status, socioeconomic status, household characteristics, and housing type. Environmental burden indicators include air pollution, potentially hazardous and toxic sites, built environment, transportation infrastructure, and water pollution. Health vulnerability is determined based on pre-existing chronic disease burden. The CDC Index delivers a single score for each census tract to identify areas most at risk for the health impacts of environmental burden.

Ranking calculated by multiplying the sum of health vulnerability flags ($n = 5$) by 0.2 to produce a number between 0 - 1. Note: Due to a lack of scientific evidence supporting a specific weighting scheme, all modules are weighted equally in calculating the Overall Score. This method of equal weighting for all modules aligns with established methods to assess cumulative impact and social vulnerability.¹² Overall Scores are percentile ranked to produce a final Ranking with a range of between 0 – 1.

¹² Sadd, J. L, et. al. (2011). Playing It Safe: Assessing Cumulative Impact and Social Vulnerability... *International Journal of Environmental Research and Public Health*, 8(5), 1441-1459. <https://pubmed.ncbi.nlm.nih.gov/21655129/>

The CDC Index County Map profiles for the counties in the project area are included below.

Environmental Justice Index

Rockingham County, North Carolina

The **Environmental Justice Index (EJI)** measures the cumulative impacts of environmental injustice in communities across the United States. The EJI ranks are based on percentile rankings of all tracts in the contiguous United States¹.

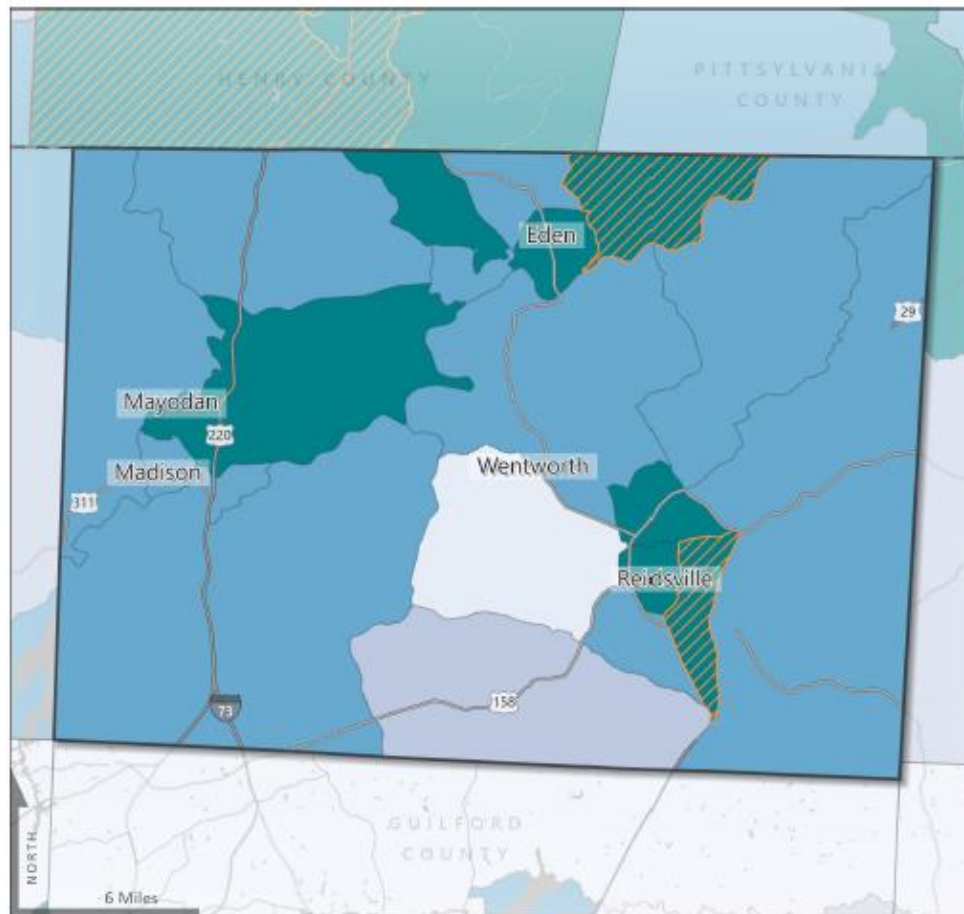
The EJI ranks communities on 36 indicators and 3 modules, which are then combined to create 1 overall EJI rank.

36 Environmental, Social, and Health Indicators

3 Overarching Modules

1 EJI Rank

31,555 | Number of Rockingham County Residents Living In **Highly Burdened Areas**



EJI Rank (by U.S. Census Tract)



¹ Alaska, Hawaii, and territories were not included due to data limitations.

Let's Compare!

What percent of residents are living in highly burdened areas?

34.6%
Rockingham County

13.7%
North Carolina



22.9%
United States



Scan to learn more or visit
<https://eji.cdc.gov>



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Agency for Toxic Substances and Disease Registry (ATSDR)
Centers for Disease Control and Prevention



Environmental Justice Index

Rockingham County, North Carolina

Indicator View



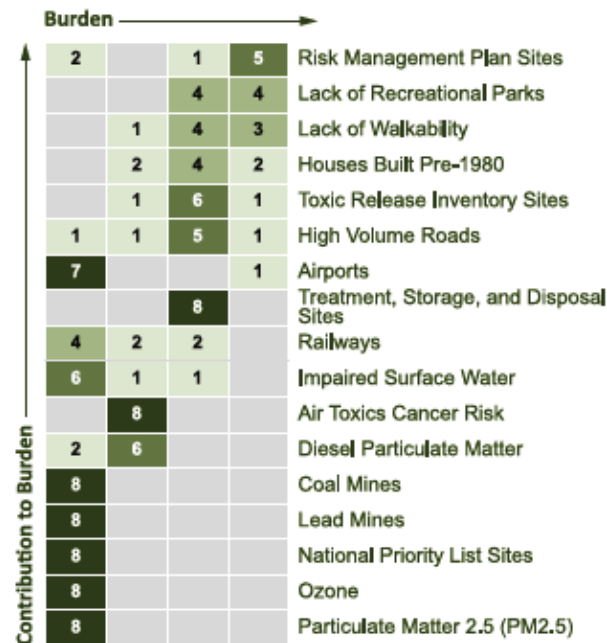
8 of 22 tracts are Highly Burdened

Highly burdened tracts for Rockingham County are tracts with EJI ranks of > 0.75. These are tracts that might need special attention or additional action when addressing environmental injustice and health inequities.

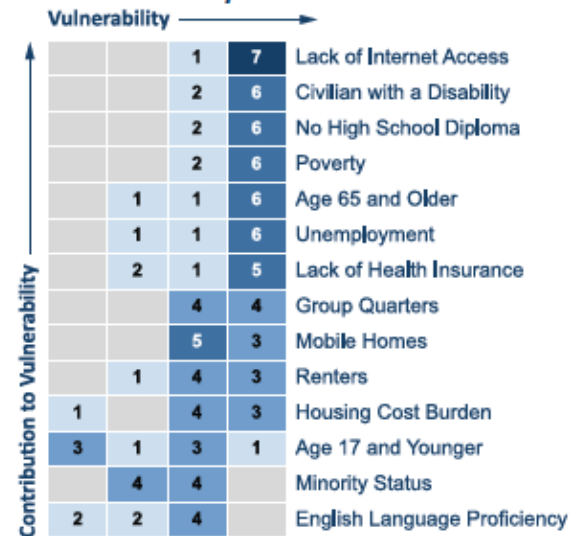
Indicator Rank Distribution

Among these 8 tracts, which **environmental burden** and **social vulnerability** indicators are contributing the most to burden? The figures below display the number of tracts by categories of burden or vulnerability. Higher numbers to the right indicate more tracts experiencing high burden.

Environmental Burden



Social Vulnerability



Health Vulnerability

Among these 8 tracts, how many are **flagged for high prevalence** in the following **pre-existing chronic health conditions**?

For each condition, **flagged tracts** have a higher prevalence than $\frac{2}{3}$ of all tracts in the United States.



Heart Disease
8/8 Tracts



Diabetes
8/8 Tracts



Cancer
5/8 Tracts



Asthma
4/8 Tracts



Poor Mental Health
4/8 Tracts



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Centers for Disease Control and Prevention

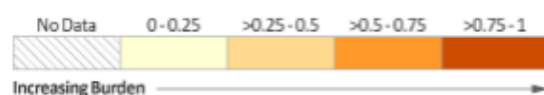
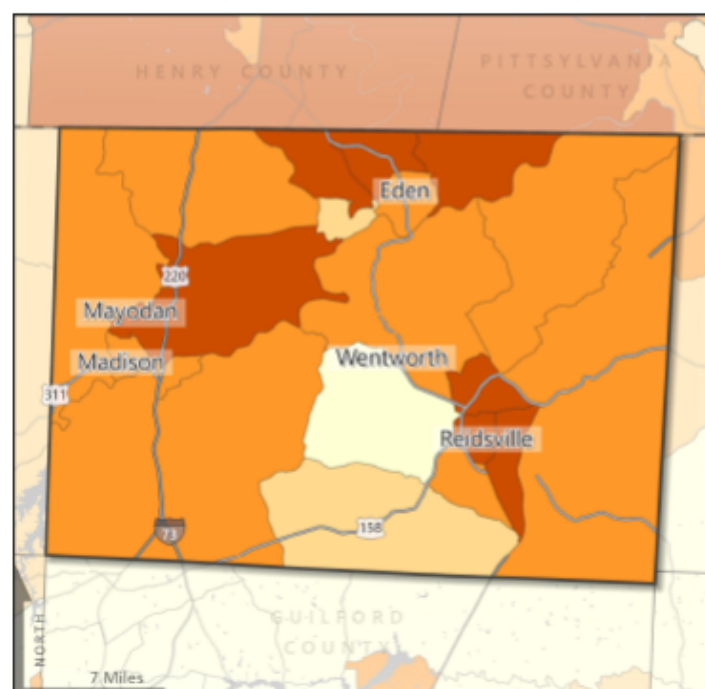
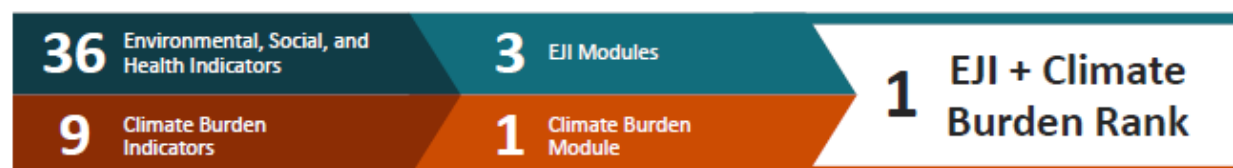


Environmental Justice Index

Rockingham County, North Carolina

EJI + Climate Burden

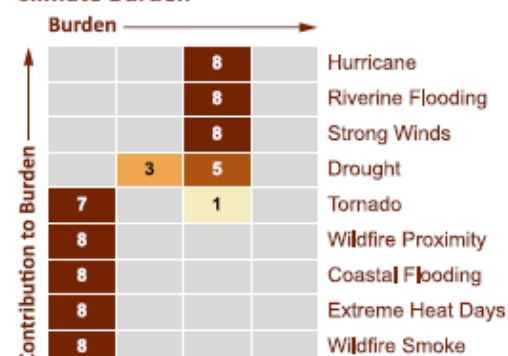
The **EJI + Climate Burden** Rank is a supplement to the base EJI Rank. The supplement measures cumulative impacts, including climate-related burdens, on the health of U.S. communities. **EJI + Climate Burden** is based on the ranks for all 3 base EJI Modules and the **EJI Climate Burden Module** Rank.

**8**

Highly burdened tracts for Rockingham County are tracts with **EJI + Climate** ranks of > 0.75. Climate burdens can add to existing burdens and stressors.

Among these 8 tracts, indicators are listed in order of contribution to burden. For each indicator, the figure displays the number of tracts that fall into progressively higher categories of burden or vulnerability.

Climate Burden



Questions? Email ejc_coordinator@cdc.gov or visit <https://ejc.cdc.gov>

Notes: For more information on data selection, data sources, and on the methodology used to calculate indicators and EJI ranks, please see the EJI Technical Documentation located at: https://www.atsdr.cdc.gov/placeandhealth/eji/technical_documentation.html

Data Sources: U.S. Census Bureau American Community Survey; U.S. Environmental Protection Agency: AirToxScreen, AQS, FRS, NWI, WSIO; U.S. Mine Safety and Health Administration Mine Data Retrieval System; U.S. Geological Survey PAD-US 4.0; U.S. Department of Transportation National Transportation Atlas Database; U.S. Department of Transportation National Highway System; OpenStreetMap; U.S. Centers for Disease Control and Prevention PLACES data; Agency for Toxic Substances and Disease Registry



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Environmental Justice Index

Guilford County, North Carolina

The **Environmental Justice Index (EJI)** measures the cumulative impacts of environmental injustice in communities across the United States. The EJI ranks are based on percentile rankings of all tracts in the contiguous United States¹.

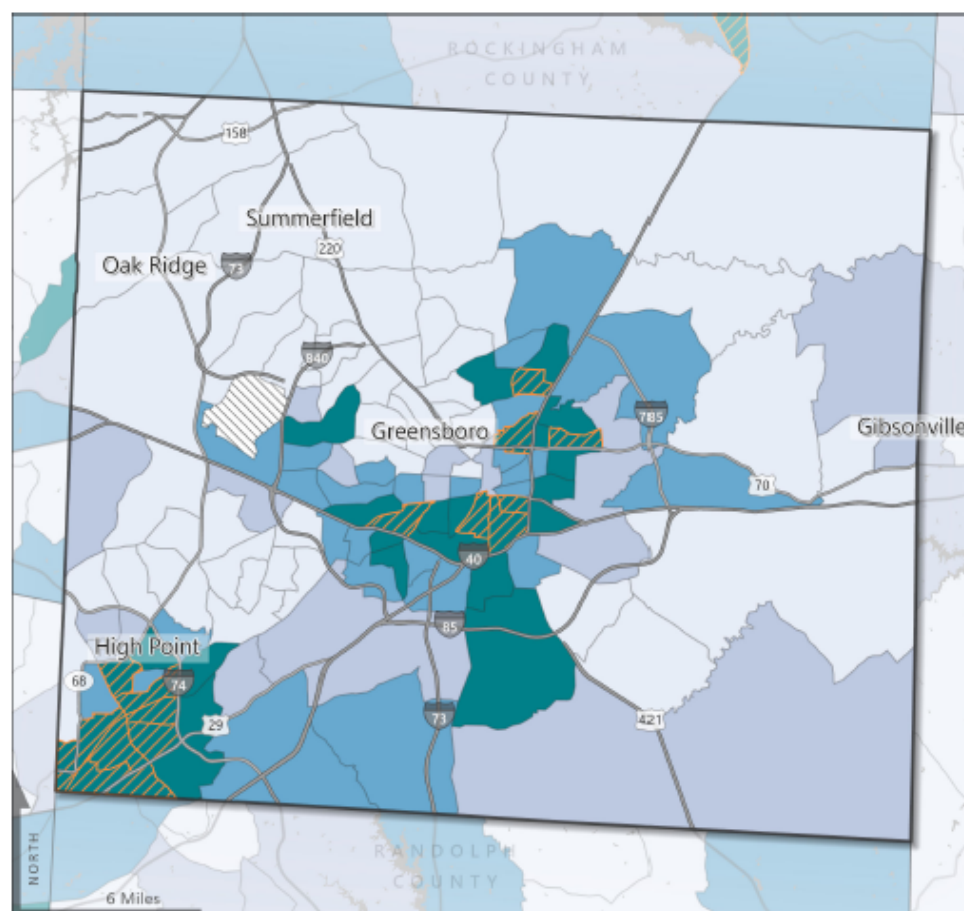
The EJI ranks communities on 36 indicators and 3 modules, which are then combined to create 1 overall EJI rank.

36 Environmental, Social, and Health Indicators

3 Overarching Modules

1 EJI Rank

133,979 | Number of Guilford County Residents Living In **Highly Burdened Areas**



EJI Rank (by U.S. Census Tract)



Let's Compare!

What percent of residents are living in highly burdened areas?

24.8%
Guilford County

13.7%
North Carolina



22.9%
United States



Scan to learn more or visit
<https://eji.cdc.gov>



¹Alaska, Hawaii, and territories were not included due to data limitations.



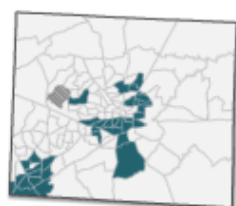
Geospatial Research, Analysis & Services Program (GRASP)
Agency for Toxic Substances and Disease Registry (ATSDR)
Centers for Disease Control and Prevention



Environmental Justice Index

Guilford County, North Carolina

Indicator View



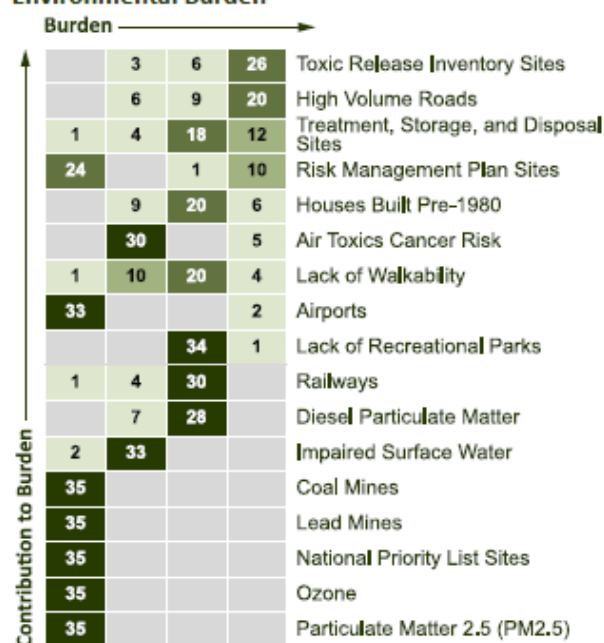
35 of 125 tracts are **Highly Burdened**

Highly burdened tracts for Guilford County are tracts with EJI ranks of > 0.75. These are tracts that might need special attention or additional action when addressing environmental injustice and health inequities.

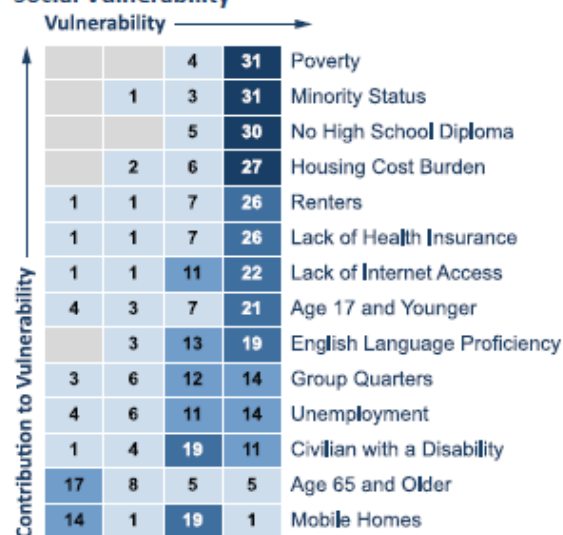
Indicator Rank Distribution

Among these 35 tracts, which **environmental burden** and **social vulnerability** indicators are contributing the most to burden? The figures below display the number of tracts by categories of burden or vulnerability. Higher numbers to the right indicate more tracts experiencing high burden.

Environmental Burden



Social Vulnerability



Health Vulnerability

Among these 35 tracts, how many are **flagged for high prevalence** in the following **pre-existing chronic health conditions**?

For each condition, **flagged tracts** have a higher prevalence than $\frac{2}{3}$ of all tracts in the United States.



Diabetes
33/35 Tracts



Asthma
32/35 Tracts



Poor Mental Health
28/35 Tracts



Heart Disease
18/35 Tracts



Cancer
2/35 Tracts



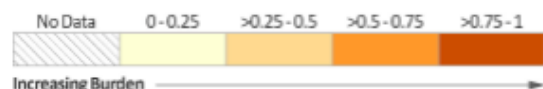
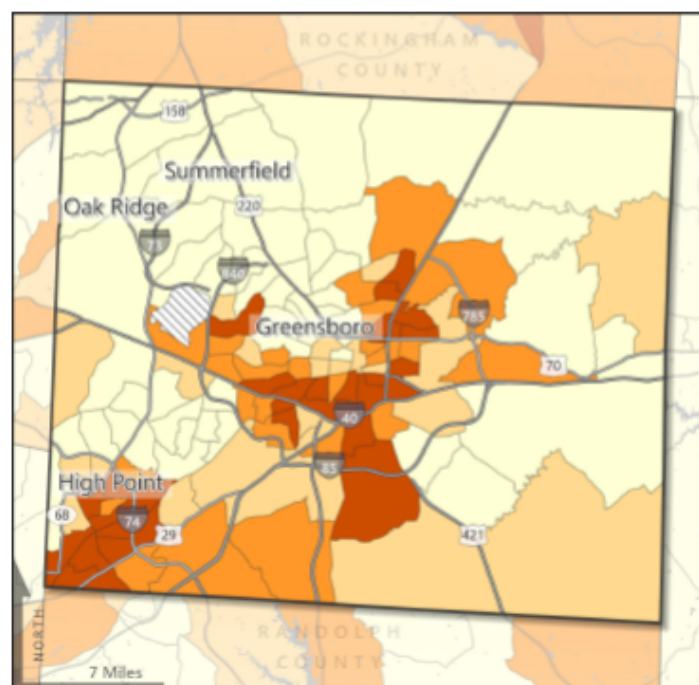
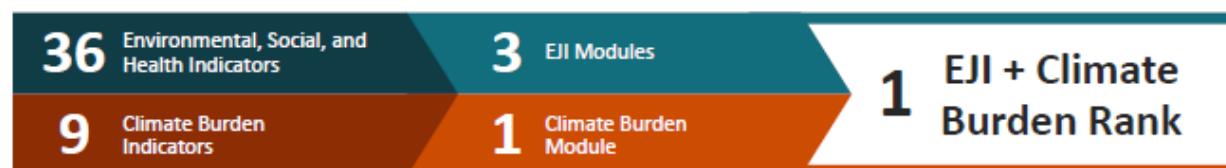
Geospatial Research, Analysis & Services Program (GRASP)
Agency for Toxic Substances and Disease Registry (ATSDR)
Centers for Disease Control and Prevention



Environmental Justice Index Guilford County, North Carolina

EJI + Climate Burden

The EJI + Climate Burden Rank is a supplement to the base EJI Rank. The supplement measures cumulative impacts, including climate-related burdens, on the health of U.S. communities. EJI + Climate Burden is based on the ranks for all 3 base EJI Modules and the EJI Climate Burden Module Rank.

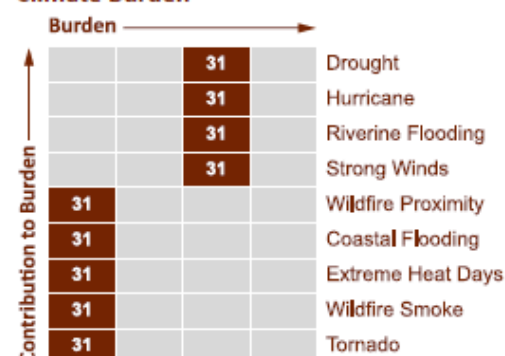


31

Highly burdened tracts for Guilford County are tracts with EJI + Climate ranks of > 0.75. Climate burdens can add to existing burdens and stressors.

Among these 31 tracts, indicators are listed in order of contribution to burden. For each indicator, the figure displays the number of tracts that fall into progressively higher categories of burden or vulnerability.

Climate Burden



Questions? Email ejc_coordinator@cdc.gov or visit <https://ejc.cdc.gov>

Notes: For more information on data selection, data sources, and on the methodology used to calculate indicators and EJI ranks, please see the EJI Technical Documentation located at: https://www.atsdr.cdc.gov/placeandhealth/eji/technical_documentation.html

Data Sources: U.S. Census Bureau American Community Survey; U.S. Environmental Protection Agency: AirToxScreen, AQS, FRS, NWI, WSIO; U.S. Mine Safety and Health Administration Mine Data Retrieval System; U.S. Geological Survey PAD-US 4.0; U.S. Department of Transportation National Transportation Atlas Database; U.S. Department of Transportation National Highway System; OpenStreetMap; U.S. Centers for Disease Control and Prevention PLACES data; Agency for Toxic Substances and Disease Registry



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Environmental Justice Index

Forsyth County, North Carolina

The **Environmental Justice Index (EJI)** measures the cumulative impacts of environmental injustice in communities across the United States. The EJI ranks are based on percentile rankings of all tracts in the contiguous United States¹.

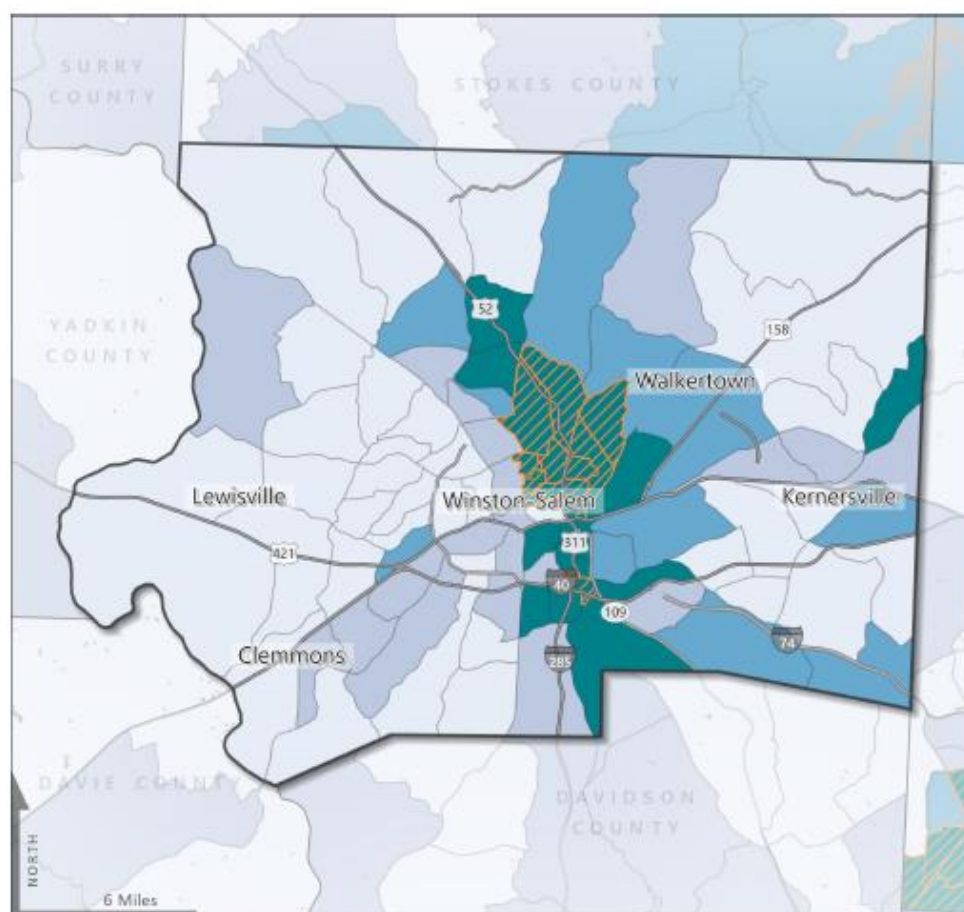
The EJI ranks communities on 36 indicators and 3 modules, which are then combined to create 1 overall EJI rank.

36 Environmental, Social, and Health Indicators

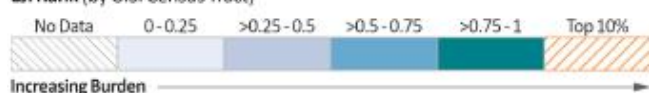
3 Overarching Modules

1 EJI Rank

77,564 | Number of Forsyth County Residents Living In **Highly Burdened Areas**



EJI Rank (by U.S. Census Tract)



Let's Compare!

What percent of residents are living in highly burdened areas?

20.2%
Forsyth County

13.7%
North Carolina



22.9%
United States



Scan to learn more or visit
<https://eji.cdc.gov>



¹Alaska, Hawaii, and territories were not included due to data limitations.



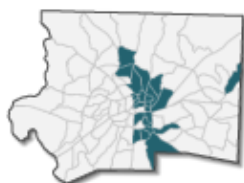
Geospatial Research, Analysis & Services Program (GRASP)
Agency for Toxic Substances and Disease Registry (ATSDR)
Centers for Disease Control and Prevention



Environmental Justice Index

Forsyth County, North Carolina

Indicator View



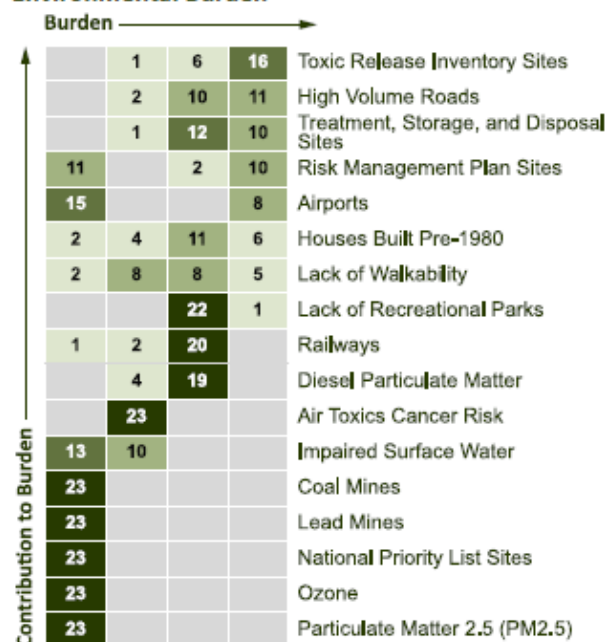
23 of 95 tracts are Highly Burdened

Highly burdened tracts for Forsyth County are tracts with EJ ranks of > 0.75. These are tracts that might need special attention or additional action when addressing environmental injustice and health inequities.

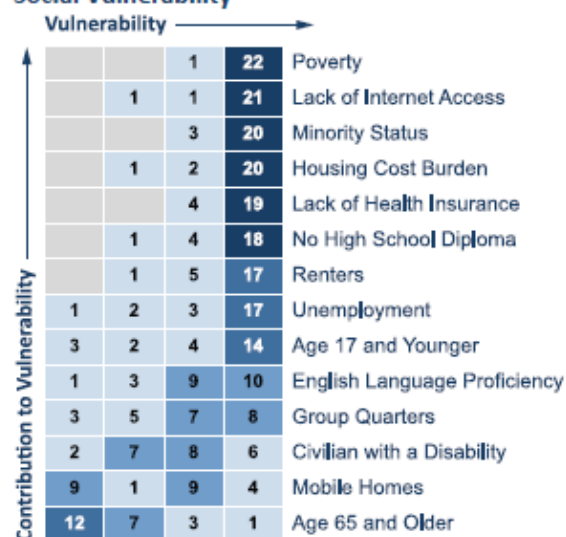
Indicator Rank Distribution

Among these 23 tracts, which **environmental burden** and **social vulnerability** indicators are contributing the most to burden? The figures below display the number of tracts by categories of burden or vulnerability. Higher numbers to the right indicate more tracts experiencing high burden.

Environmental Burden



Social Vulnerability



Health Vulnerability

Among these 23 tracts, how many are **flagged for high prevalence** in the following **pre-existing chronic health conditions**?

For each condition, **flagged tracts** have a higher prevalence than $\frac{2}{3}$ of all tracts in the United States.



Asthma
22/23 Tracts



Diabetes
20/23 Tracts



Poor Mental Health
19/23 Tracts



Heart Disease
15/23 Tracts



Cancer
0/23 Tracts



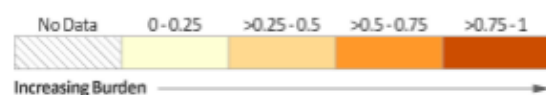
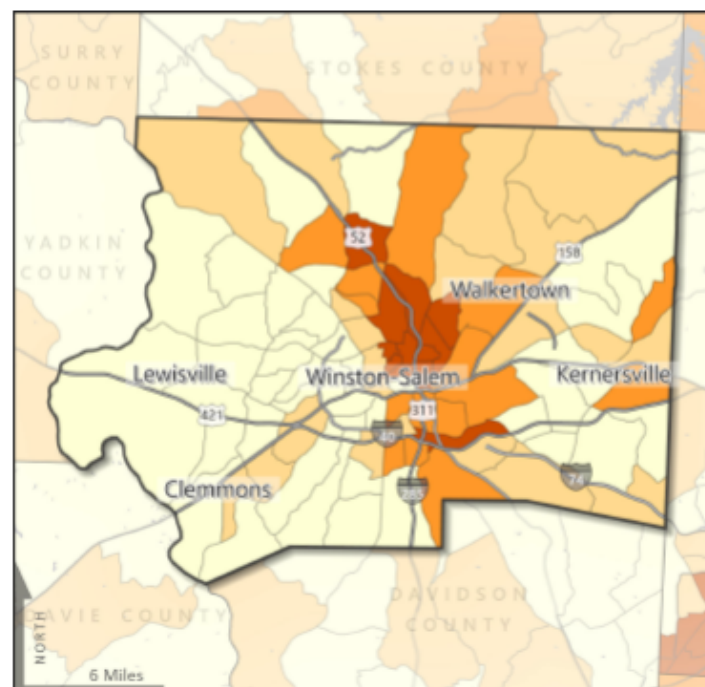
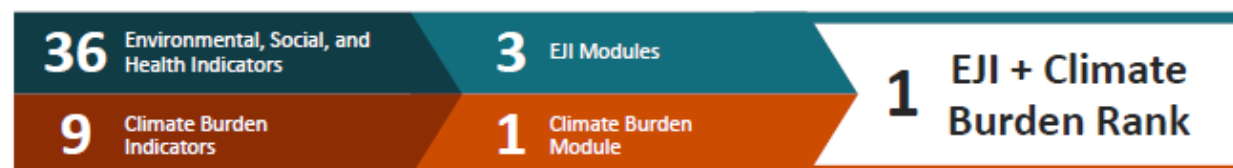
Geospatial Research, Analysis & Services Program (GRASP)
Agency for Toxic Substances and Disease Registry (ATSDR)
Centers for Disease Control and Prevention



Environmental Justice Index Forsyth County, North Carolina

EJI + Climate Burden

The EJI + **Climate Burden** Rank is a supplement to the base EJI Rank. The supplement measures cumulative impacts, including climate-related burdens, on the health of U.S. communities. EJI + **Climate Burden** is based on the ranks for all 3 base EJI Modules and the EJI **Climate Burden Module** Rank.

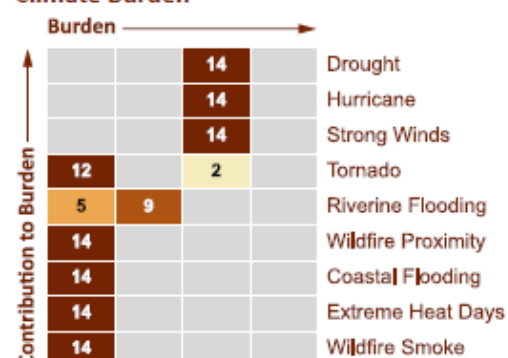


14

Highly burdened tracts for Forsyth County are tracts with EJI + Climate ranks of > 0.75. Climate burdens can add to existing burdens and stressors.

Among these 14 tracts, indicators are listed in order of contribution to burden. For each indicator, the figure displays the number of tracts that fall into progressively higher categories of burden or vulnerability.

Climate Burden



Questions? Email ejc_coordinator@cdc.gov or visit <https://ejc.cdc.gov>

Notes: For more information on data selection, data sources, and on the methodology used to calculate indicators and EJI ranks, please see the EJI Technical Documentation located at: https://www.atsdr.cdc.gov/placeandhealth/eji/technical_documentation.html

Data Sources: U.S. Census Bureau American Community Survey; U.S. Environmental Protection Agency: AirToxScreen, AQ5, FR5, NWI, WSIO; U.S. Mine Safety and Health Administration Mine Data Retrieval System; U.S. Geological Survey PAD-US 4.0; U.S. Department of Transportation National Transportation Atlas Database; U.S. Department of Transportation National Highway System; OpenStreetMap; U.S. Centers for Disease Control and Prevention PLACES data; Agency for Toxic Substances and Disease Registry



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Environmental Justice Index

Davidson County, North Carolina

The **Environmental Justice Index (EJI)** measures the cumulative impacts of environmental injustice in communities across the United States. The EJI ranks are based on percentile rankings of all tracts in the contiguous United States¹.

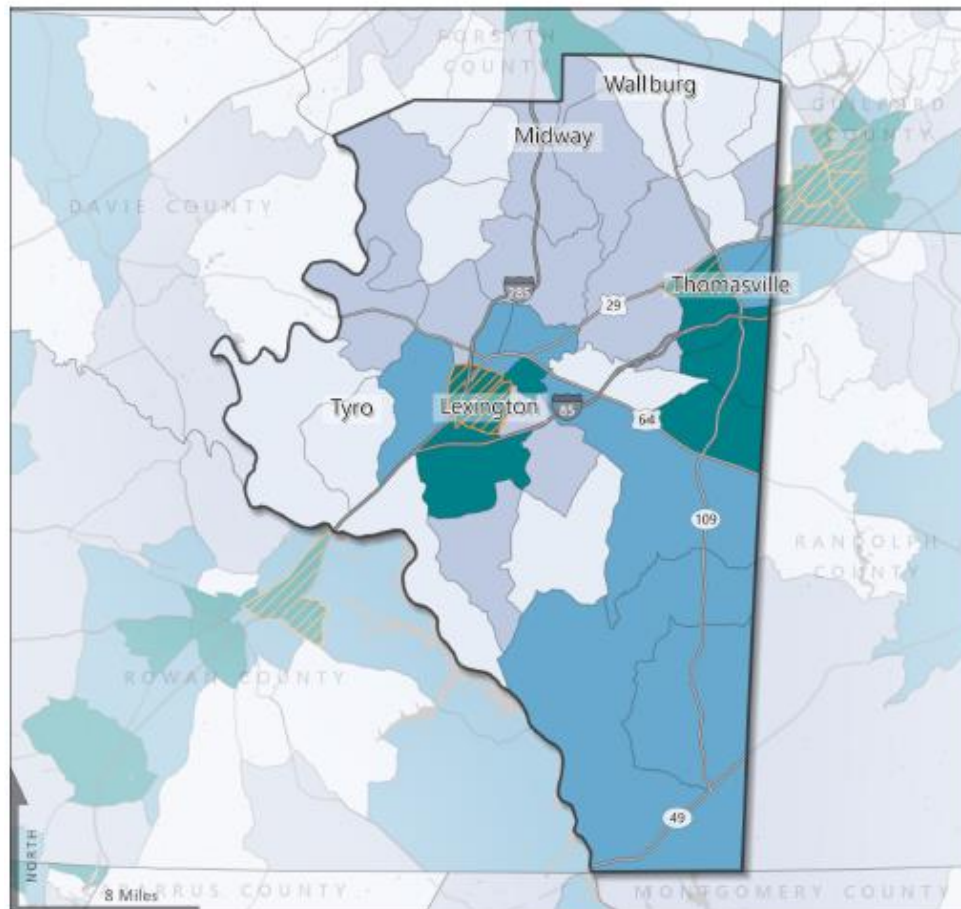
The EJI ranks communities on 36 indicators and 3 modules, which are then combined to create 1 overall EJI rank.

36 Environmental, Social, and Health Indicators

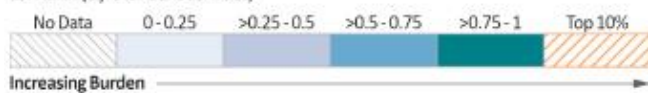
3 Overarching Modules

1 EJI Rank

33,916 | Number of Davidson County Residents Living in **Highly Burdened Areas**



EJI Rank (by U.S. Census Tract)



¹Alaska, Hawaii, and territories were not included due to data limitations.

Let's Compare!

What percent of residents are living in highly burdened areas?

20.0%

Davidson County

13.7%

North Carolina



22.9%

United States



Scan to learn more or visit <https://eji.cdc.gov>



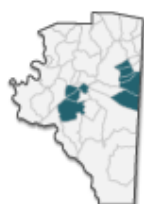
Geospatial Research, Analysis & Services Program (GRASP)
Agency for Toxic Substances and Disease Registry (ATSDR)
Centers for Disease Control and Prevention



Environmental Justice Index

Davidson County, North Carolina

Indicator View



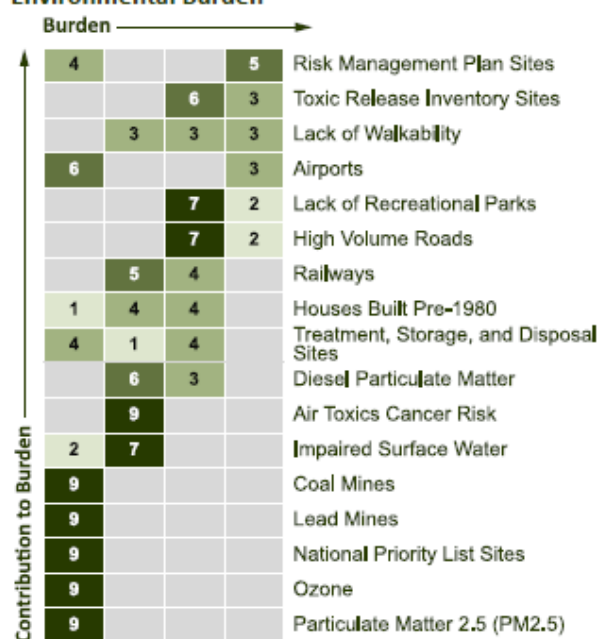
9 of 42 tracts are Highly Burdened

Highly burdened tracts for Davidson County are tracts with EJ ranks of > 0.75. These are tracts that might need special attention or additional action when addressing environmental injustice and health inequities.

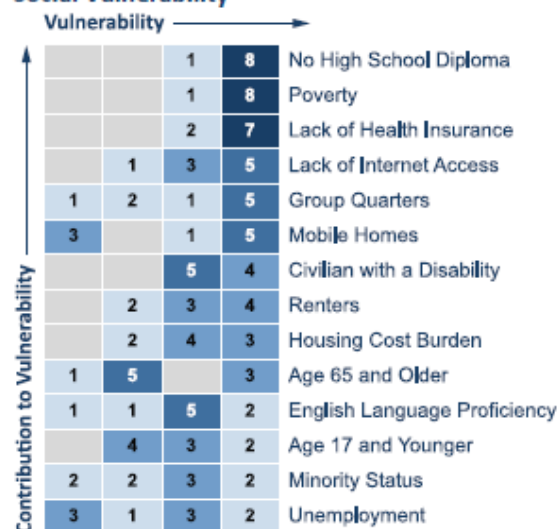
Indicator Rank Distribution

Among these 9 tracts, which **environmental burden** and **social vulnerability** indicators are contributing the most to burden? The figures below display the number of tracts by categories of burden or vulnerability. Higher numbers to the right indicate more tracts experiencing high burden.

Environmental Burden



Social Vulnerability



Health Vulnerability

Among these 9 tracts, how many are **flagged for high prevalence** in the following **pre-existing chronic health conditions**?

For each condition, **flagged tracts** have a higher prevalence than $\frac{2}{3}$ of all tracts in the United States.



Heart Disease
9/9 Tracts



Diabetes
8/9 Tracts



Poor Mental Health
6/9 Tracts



Asthma
5/9 Tracts



Cancer
2/9 Tracts



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Agency for Toxic Substances and Disease Registry (ATSDR)
Centers for Disease Control and Prevention

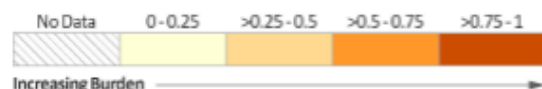
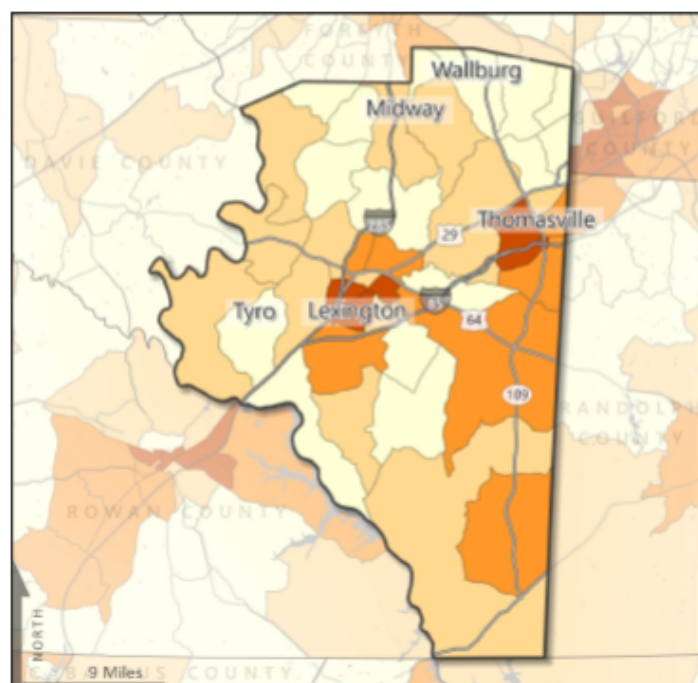
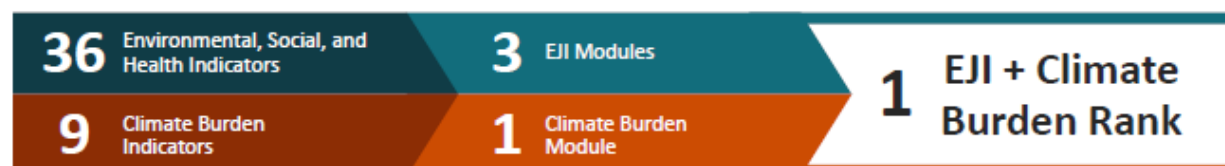


Environmental Justice Index

Davidson County, North Carolina

EJI + Climate Burden

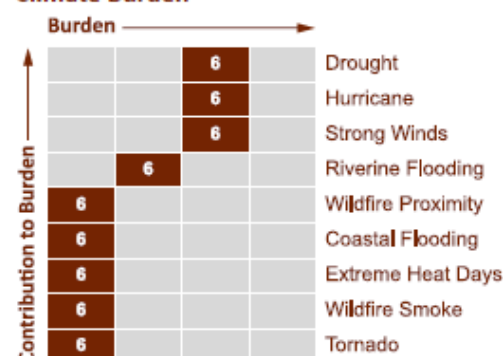
The EJI + Climate Burden Rank is a supplement to the base EJI Rank. The supplement measures cumulative impacts, including climate-related burdens, on the health of U.S. communities. EJI + Climate Burden is based on the ranks for all 3 base EJI Modules and the EJI Climate Burden Module Rank.

**6**

Highly burdened tracts for Davidson County are tracts with EJI + Climate ranks of > 0.75. Climate burdens can add to existing burdens and stressors.

Among these 6 tracts, indicators are listed in order of contribution to burden. For each indicator, the figure displays the number of tracts that fall into progressively higher categories of burden or vulnerability.

Climate Burden



Questions? Email ejc_coordinator@cdc.gov or visit <https://ejc.cdc.gov>

Notes: For more information on data selection, data sources, and on the methodology used to calculate indicators and EJI ranks, please see the EJI Technical Documentation located at: https://www.atsdr.cdc.gov/placeandhealth/eji/technical_documentation.html

Data Sources: U.S. Census Bureau American Community Survey; U.S. Environmental Protection Agency: AirToxScreen, AQS, FRS, NWI, WSIO; U.S. Mine Safety and Health Administration Mine Data Retrieval System; U.S. Geological Survey PAD-US 4.0; U.S. Department of Transportation National Transportation Atlas Database; U.S. Department of Transportation National Highway System; OpenStreetMap; U.S. Centers for Disease Control and Prevention PLACES data; Agency for Toxic Substances and Disease Registry



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Environmental Justice Index

Iredell County, North Carolina

The **Environmental Justice Index (EJI)** measures the cumulative impacts of environmental injustice in communities across the United States. The EJI ranks are based on percentile rankings of all tracts in the contiguous United States¹.

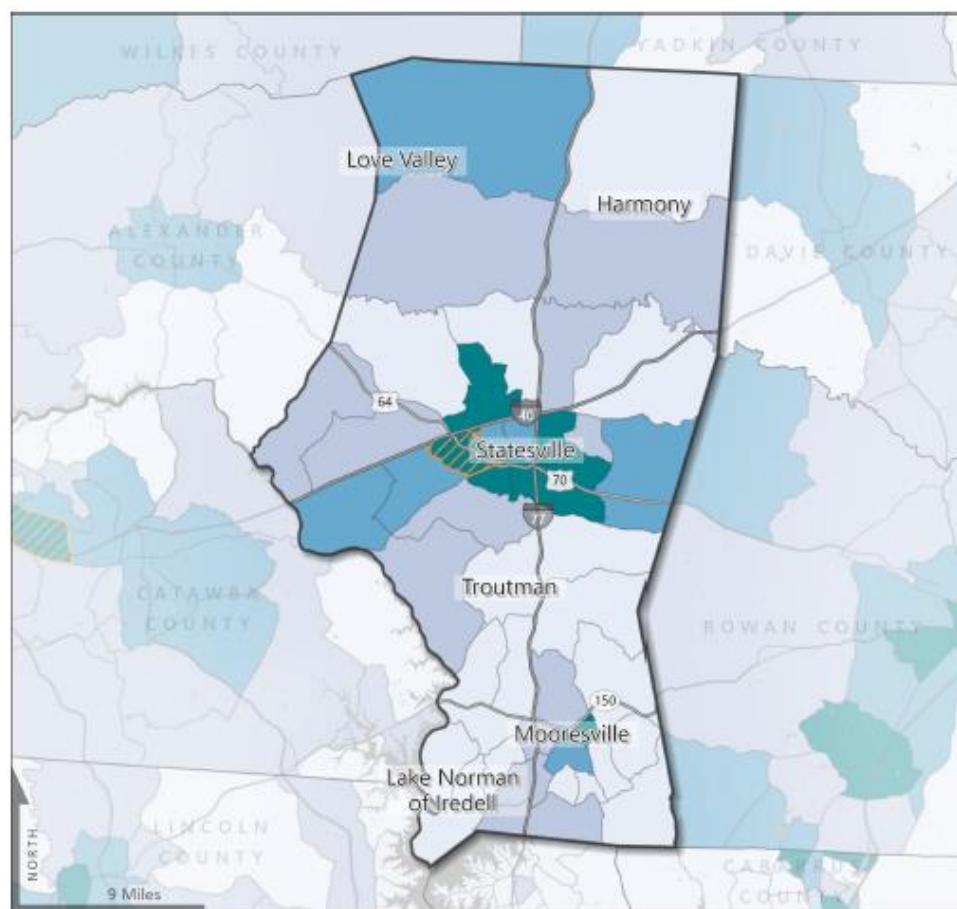
The EJI ranks communities on 36 indicators and 3 modules, which are then combined to create 1 overall EJI rank.

36 Environmental, Social, and Health Indicators

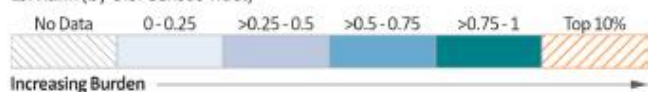
3 Overarching Modules

1 EJI Rank

24,228 | Number of Iredell County Residents Living in **Highly Burdened Areas**



EJI Rank (by U.S. Census Tract)



¹Alaska, Hawaii, and territories were not included due to data limitations.

Let's Compare!

What percent of residents are living in highly burdened areas?

12.9%
Iredell County

13.7%
North Carolina



22.9%
United States



Scan to learn more or visit <https://eji.cdc.gov>



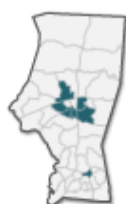
Geospatial Research, Analysis & Services Program (GRASP)
Agency for Toxic Substances and Disease Registry (ATSDR)
Centers for Disease Control and Prevention



Environmental Justice Index

Iredell County, North Carolina

Indicator View



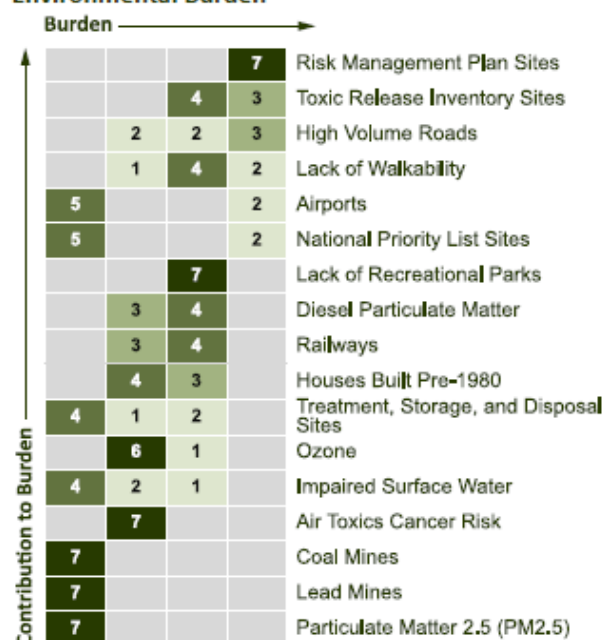
7 of 46 tracts are Highly Burdened

Highly burdened tracts for Iredell County are tracts with EJI ranks of > 0.75. These are tracts that might need special attention or additional action when addressing environmental injustice and health inequities.

Indicator Rank Distribution

Among these 7 tracts, which **environmental burden** and **social vulnerability** indicators are contributing the most to burden? The figures below display the number of tracts by categories of burden or vulnerability. Higher numbers to the right indicate more tracts experiencing high burden.

Environmental Burden



Social Vulnerability



Health Vulnerability

Among these 7 tracts, how many are **flagged for high prevalence** in the following **pre-existing chronic health conditions**?

For each condition, **flagged tracts** have a higher prevalence than $\frac{2}{3}$ of all tracts in the United States.



Diabetes
6/7 Tracts



Asthma
4/7 Tracts



Heart Disease
4/7 Tracts



Poor Mental Health
4/7 Tracts



Cancer
1/7 Tracts



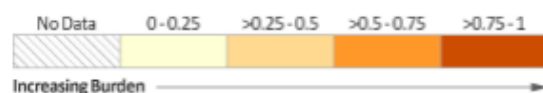
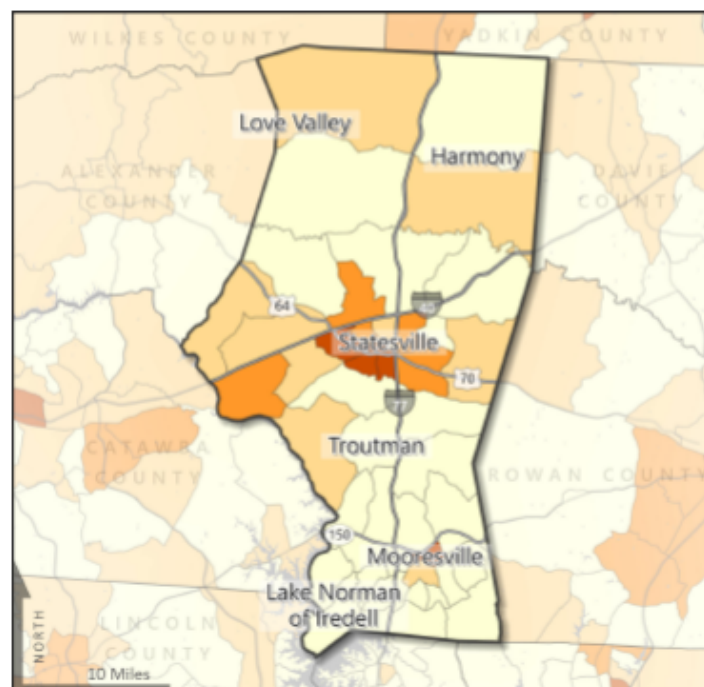
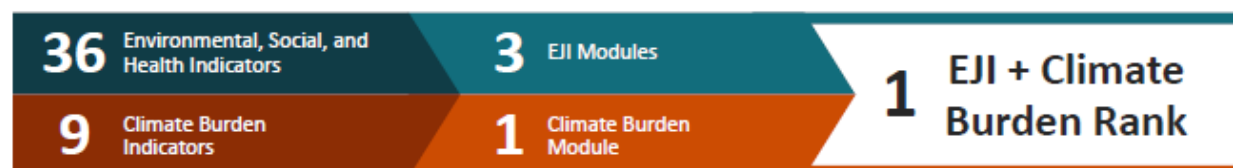
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Centers for Disease Control and Prevention



Environmental Justice Index Iredell County, North Carolina

EJI + Climate Burden

The **EJI + Climate Burden** Rank is a supplement to the base EJI Rank. The supplement measures cumulative impacts, including climate-related burdens, on the health of U.S. communities. **EJI + Climate Burden** is based on the ranks for all 3 base EJI Modules and the **EJI Climate Burden Module** Rank.

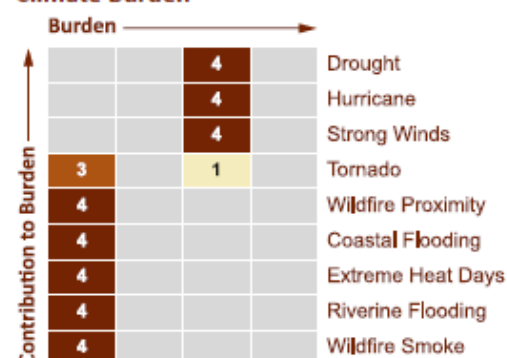


4

Highly burdened tracts for **Iredell County** are tracts with **EJI + Climate** ranks of **> 0.75**. Climate burdens can add to existing burdens and stressors.

Among these **4** tracts, indicators are listed in order of contribution to burden. For each indicator, the figure displays the number of tracts that fall into progressively higher categories of burden or vulnerability.

Climate Burden



Questions? Email ejc_coordinator@cdc.gov or visit <https://ejc.cdc.gov>

Notes: For more information on data selection, data sources, and on the methodology used to calculate indicators and EJI ranks, please see the EJI Technical Documentation located at: https://www.atsdr.cdc.gov/placeandhealth/eji/technical_documentation.html

Data Sources: U.S. Census Bureau American Community Survey; U.S. Environmental Protection Agency: AirToxScreen, AQS, FR5, NWI, WSIO; U.S. Mine Safety and Health Administration Mine Data Retrieval System; U.S. Geological Survey PAD-US 4.0; U.S. Department of Transportation National Transportation Atlas Database; U.S. Department of Transportation National Highway System; OpenStreetMap; U.S. Centers for Disease Control and Prevention PLACES data; Agency for Toxic Substances and Disease Registry



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Environmental Justice Index

Mecklenburg County, North Carolina

The **Environmental Justice Index (EJI)** measures the cumulative impacts of environmental injustice in communities across the United States. The EJI ranks are based on percentile rankings of all tracts in the contiguous United States¹.

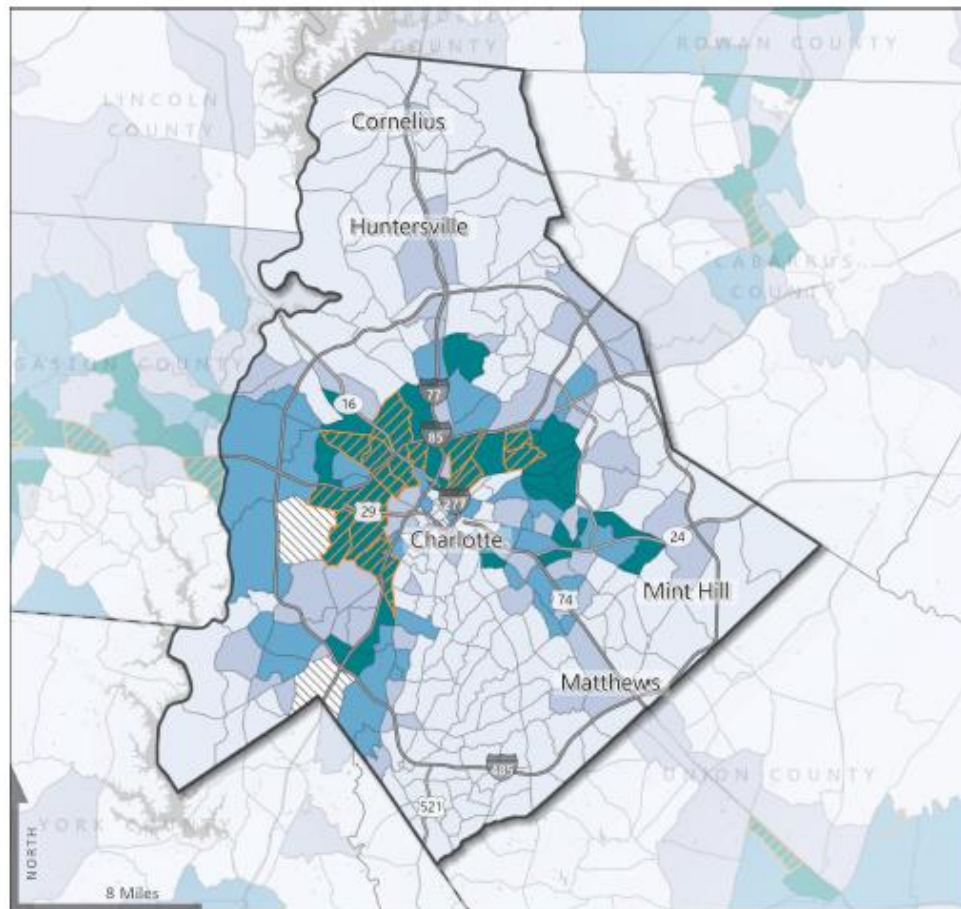
The EJI ranks communities on 36 indicators and 3 modules, which are then combined to create 1 overall EJI rank.

36 Environmental, Social, and Health Indicators

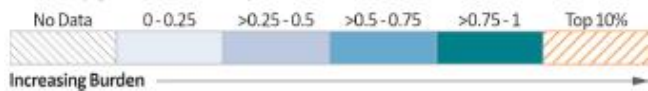
3 Overarching Modules

1 EJI Rank

130,844 | Number of Mecklenburg County Residents Living In **Highly Burdened Areas**



EJI Rank (by U.S. Census Tract)



Let's Compare!

What percent of residents are living in highly burdened areas?

11.7%
Mecklenburg County

13.7%
North Carolina



22.9%
United States



Scan to learn more or visit <https://eji.cdc.gov>



¹Alaska, Hawaii, and territories were not included due to data limitations.



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Environmental Justice Index

Mecklenburg County, North Carolina

Indicator View



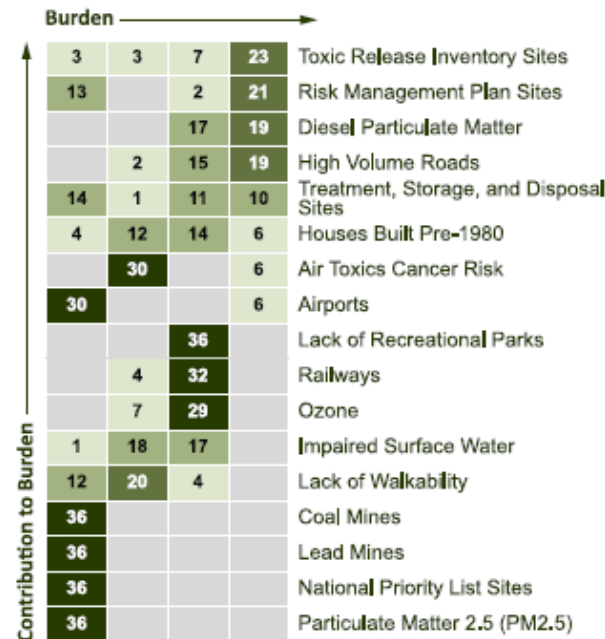
36 of 302 tracts are Highly Burdened

Highly burdened tracts for Mecklenburg County are tracts with EJ ranks of > 0.75. These are tracts that might need special attention or additional action when addressing environmental injustice and health inequities.

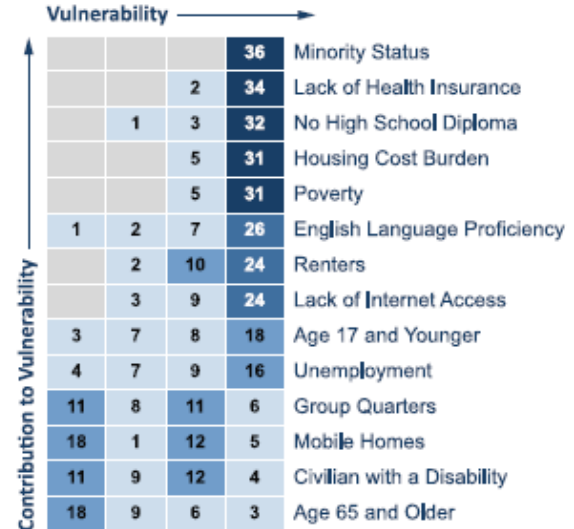
Indicator Rank Distribution

Among these 36 tracts, which **environmental burden** and **social vulnerability** indicators are contributing the most to burden? The figures below display the number of tracts by categories of burden or vulnerability. Higher numbers to the right indicate more tracts experiencing high burden.

Environmental Burden



Social Vulnerability



Health Vulnerability

Among these 36 tracts, how many are **flagged for high prevalence** in the following **pre-existing chronic health conditions**?

For each condition, **flagged tracts** have a higher prevalence than $\frac{2}{3}$ of all tracts in the United States.



Diabetes
34/36 Tracts



Asthma
29/36 Tracts



Poor Mental Health
28/36 Tracts



Heart Disease
8/36 Tracts



Cancer
0/36 Tracts



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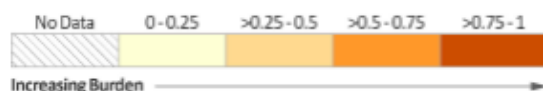
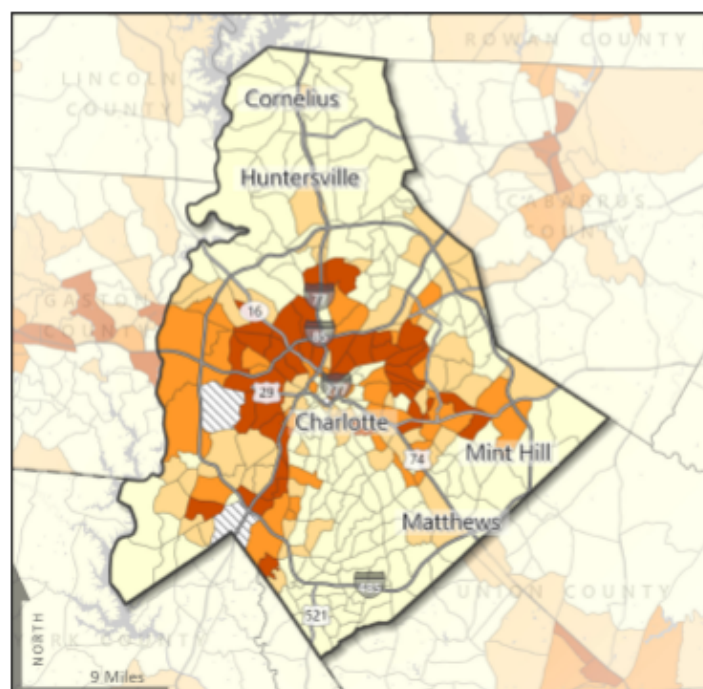
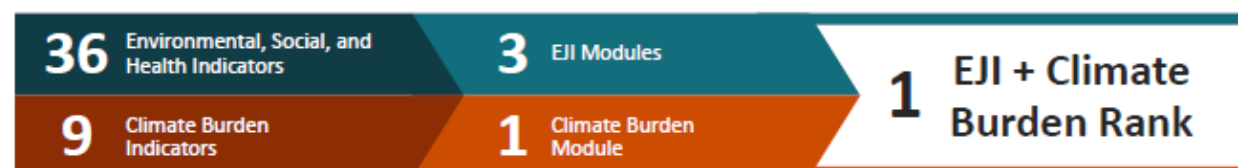


Environmental Justice Index

Mecklenburg County, North Carolina

EJI + Climate Burden

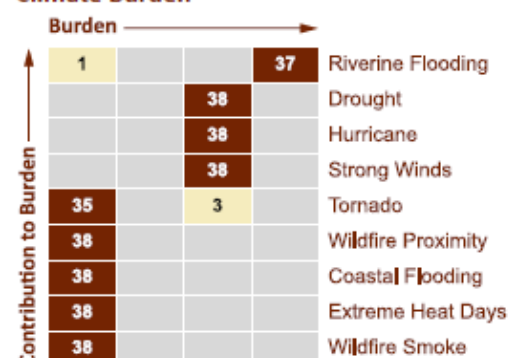
The EJI + Climate Burden Rank is a supplement to the base EJI Rank. The supplement measures cumulative impacts, including climate-related burdens, on the health of U.S. communities. EJI + Climate Burden is based on the ranks for all 3 base EJI Modules and the EJI Climate Burden Module Rank.

**38**

Highly burdened tracts for Mecklenburg County are tracts with EJI + Climate ranks of > 0.75. Climate burdens can add to existing burdens and stressors.

Among these 38 tracts, indicators are listed in order of contribution to burden. For each indicator, the figure displays the number of tracts that fall into progressively higher categories of burden or vulnerability.

Climate Burden



Questions? Email ejc_coordinator@cdc.gov or visit <https://ejc.cdc.gov>

Notes: For more information on data selection, data sources, and on the methodology used to calculate indicators and EJI ranks, please see the EJI Technical Documentation located at: https://www.atsdr.cdc.gov/placeandhealth/eji/technical_documentation.html

Data Sources: U.S. Census Bureau American Community Survey; U.S. Environmental Protection Agency: AirToxScreen, AQS, FRS, NWI, WSIO; U.S. Mine Safety and Health Administration Mine Data Retrieval System; U.S. Geological Survey PAD-US 4.0; U.S. Department of Transportation National Transportation Atlas Database; U.S. Department of Transportation National Highway System; OpenStreetMap; U.S. Centers for Disease Control and Prevention PLACES data; Agency for Toxic Substances and Disease Registry



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Appendix F: Limitations

Census Data

Census data is collected at a national level every 10 years. Data used in this report was collected prior to 2023. For each sociodemographic indicator described, the most recent available data at a census tract level was utilized. Since not all data 2025 census data has been published, all data utilized was collected before 2023 to maintain comparability at the tract level. Specific data tables and years available are listed in Appendix A.

Furthermore, reporting affects sample size which then affects interpretation of data. The U.S. Census Bureau uses and provides margins of error which is used as an indicator of potential sampling errors and relative reliability. A larger margin of error corresponds to a greater degree of uncertainty. Margins of error for sociodemographic indicators are provided in Appendix C as available through the U.S. Census Bureau.

- Data available through US EPA is not compatible with all categories of data from U.S. Census Bureau data. Therefore, not all comparison tables contain the project area percentages or estimates.
- Data retrieved through US EPA is based on the US Census 2022 ACS 5-Year Estimates. As such, the evaluated populations will differ.
- A significantly smaller portion of some census tracts may be intersected by the Southeast Supply Enhancement Project compared to other intersecting census tracts. Despite this, the census tracts are still included in the analysis if determined to be within proximity of the facility.

For more information about census data collection methods and sources, please visit www.data.census.gov.

Cumulative Impacts and Health

As previously mentioned, there is no standardized methodology to assess for cumulative impacts at this current time. This analysis does however examine the factors that may contribute to cumulative impacts. However, this analysis does not establish or imply any direct causal link between the environmental source exposures used in this analysis and health outcomes.

Appendix G: Glossary

TERM	DEFINITION
Age	The length of time in completed years that a person has lived.
Block Group	A block is the smallest geographic unit for which the Census Bureau tabulates decennial census data. Statistical divisions of census tracts are generally defined to contain between 600 and 3,000 people and are used to present data and control block numbering. A block group consists of clusters of blocks within the same census tract that have the same first digit of their four-digit census block number.
Census Tract	A small, relatively permanent statistical subdivision of a county delineated by a local committee of census data users for the

	<p>purpose of presenting data. Census tracts ideally contain about 4,000 people and 1,600 housing units.</p> <p>Small, relatively permanent statistical subdivisions of a county or statistically equivalent entity that can be updated by local participants prior to each decennial census as part of the Census Bureau's Participant Statistical Areas Program. Census tracts generally have a population size between 1,200 and 8,000 people, with an optimum size of 4,000 people. A census tract usually covers a contiguous area; however, the spatial size of census tracts varies widely depending on the density of settlement. Census tracts occasionally are split due to population growth or merged as a result of substantial population decline.</p>
Civil Rights Restoration Action of 1987	Amends several anti-discrimination laws, including the Civil Rights Act of 1964, to define the phrase "program or activity" and the term "program" to mean <i>all operations</i> of a (non-religious) entity that receives Federal financial assistance.
Disability	A long-lasting physical, mental, or emotional condition. This condition can make it difficult for a person to do activities such as walking, climbing stairs, dressing, bathing, learning, or remembering. This condition can also impede a person from being able to go outside the home along or to work at a job or business.
Disproportionate Effects	Term used in Executive Order 12898 to describe situations of concern where there exists significantly higher and more adverse health and environmental effects on minority populations, low-income populations, or indigenous peoples.
Income	The money income received on a regular basis (exclusive of certain money receipts such as capital gains and lump-sum payments) before payments for personal income taxes, social security, union dues, Medicare deductions, etc.
Limited English Proficiency (LEP)	The language currently used by respondents at home, either "English only" or a non-English language which is used in addition to English or in place of English.
People of Color Populations	According to the U.S. Census Bureau, population of people who are not single-race white and not Hispanic. Populations of individuals who are members of the following population groups: American Indian or Alaskan Native; Asian or Pacific Islander; Black, not of Hispanic origin; or Hispanic.
Title VI of the Civil Rights Act of 1964	Title VI of the Civil Rights Act of 1964 and the U.S. Environmental Protection Agency (US EPA) regulations prohibit discrimination on

	the basis of race, color, or national origin in any program or activity receiving federal financial assistance. NCDEQ is a recipient of financial assistance from the US EPA and is subject to the provisions of Title VI and US EPA's implementing regulations.
Race	A person's self-identification with one or more social groups. An individual can report [to the U.S. Census] as White, Black or African American, Asian, American Indian and Alaska Native, Native Hawaiian and Other Pacific Islander, or some other race.
Sensitive Receptors	Areas where the occupants are more susceptible to the adverse effects of exposure to toxic chemicals, pesticides, and other pollutants. Sensitive receptors include, but are not limited to, hospitals, schools, daycare facilities, elderly housing and convalescent facilities.
Sex	A person's biological sex.