



North Carolina Department of Environmental Quality
June 8, 2023

Wolfspeed, Inc. - Siler City Factory

Environmental Justice Report

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Executive Summary

Facility Location:

Wolfspeed, Inc. – Siler City Factory (Wolfspeed):
[CHATHAM-SILER CITY ADVANCED MANUFACTURING](#)

Address: 20436 US 64 W Siler City, NC 27344

An approximate one-mile radius around the facility footprint and address provided was used for the analysis:

- **Counties:** The address is in Chatham County. An approximate one-mile radius includes a portion of Randolph County.
- **Census Tracts:** The address is in census tract 203. An approximate one-mile radius includes portions of census tracts 310.01, 310.02, 202.01, 204.01, and 204.02. Census tracts are from U.S. 2020 Census.

Overview:

- **Potentially Underserved Community:** The site is located within one mile of a block group identified as potentially underserved based on NC DEQ's definition¹ (see Figure 1). DEQ recommends consulting the Enhanced Engagement Methods to Reach Underserved Communities section of DEQ's Public Participation Plan.²
- **Poverty:** Two of the six census tracts which the facility's area (one-mile radius) intersects include a population experiencing poverty (>20% poverty).
- **Race/Ethnicity:** All six census tracts which the facility's area (one-mile radius) intersects has a minority population for which there is a percentage increase of 10% or more compared to the county and/or state. Additionally, Hispanic or Latino (of any race) population is greater than 50% in two of the census tracts.
- **Tribe:** A recognized Tribe of North Carolina does not reside in Chatham or Randolph County.
- **Limited English Proficiency:** The site is in an area with limited English proficiency (Spanish) because four of six census tracts have a population (> 1000 people and > 5%) which speaks English less than very well. DEQ recommends any company and any state or local government consult DEQ's Limited English Proficiency Language Access Plan³ and conduct outreach in both English and Spanish.

¹ *Racial composition:* Share of nonwhites is over fifty percent OR Share of nonwhites is at least ten percent higher than county or state share. AND *Poverty rate:* Share of population experiencing poverty is over twenty percent AND Share of households in poverty is at least five percent higher than the county or state share.

² DEQ 2022 Public Participation Plan: <https://deq.nc.gov/ej/deq-public-participation-plan-2022-update/download?attachment>

³ DEQ 2022 Language Access Plan: <https://deq.nc.gov/ej/limited-english-proficiency-plan/download>

- **Cumulative Impact Potential:** There are 11 existing permits and 10 incidents within one mile of the site that could contribute to cumulative impacts to sensitive receptors within and outside the one-mile buffer.

1 Introduction

It is the policy of DEQ that no person shall, on the grounds of race, religion, color, national origin, ethnicity, sex, pregnancy, gender identity or expression, sexual orientation, age, political affiliation, National Guard or veteran status, genetic information, or disability be excluded from participation in, be denied the benefits of employment, or be subjected to discrimination.

Environmental justice (EJ) is 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, and policies (US EPA).

EPA defines overburdened communities as a minority, low-income, tribal or indigenous populations, or geographic locations in the United States that potentially experience disproportionate environmental harms and risks. 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 term environmental justice describes situations where multiple factors, including both environmental and socio-economic stressors, may act cumulatively to affect health and the environment and contribute to persistent environmental health disparities.

The primary goal of this Draft EJ Report is to encourage comments and suggestions from the surrounding community, industry, and environmental groups throughout the comment period. Public comments will be considered throughout the remainder of the comment period to inform the Final EJ Report.

2 Environmental Justice Evaluation

The Department of Environmental Quality (DEQ or Department) has assessed the historical context, current permit conductions, and the demographics of the communities in the area surrounding the facility. Accordingly, this Draft EJ Report includes:

- Pertinent permit information
- Facility history overview
- Study of area demographics and socioeconomic indicators [determined by utilizing the US EPA Environmental Justice tool (EJSCREEN) <https://ejscreen.epa.gov/mapper/> and current, available census data <https://data.census.gov/cedsci/>]
- Comparison of local area demographics to the county and statewide census data
- County health assessment
- Sensitive receptors in the surrounding area
- Local industrial sites (using the NCDEQ Community Mapping System: <https://ncdenr.maps.arcgis.com/apps/webappviewer/index.html?id=1eb0fbe2bcfb4cccb3cc212af8a0b8c8>)
- Outreach recommendations

3 Proposed Project

Wolfspeed, Inc. – Siler City Factory (Wolfspeed) has submitted an air permit application (No. 1900138.22A) for a greenfield Title V facility for the construction and operation of a new semiconductor manufacturing facility in Siler City, Chatham County, North Carolina.

With this application, the proposed new facility will primarily be a silicon carbide foundry process, including a furnace area, a wafer production area, and a solid waste handling area. The following emission sources and control devices will be installed:

- Wafer production operations to manufacture and finish semiconductor wafers. A gas scrubber system consisting of several wet scrubbers will control emissions of Volatile Organic Compounds (VOCs), Hazardous Air Pollutants (HAPs), and Toxic Air Pollutants (TAPs) from this operation. A natural gas-fired gas abatement system will be installed to collect base fumes.
- Several particulate matter collection devices to control particulate matter emissions resulting from wafer production and solid waste handling.
- Miscellaneous natural gas combustion sources.
- Several large diesel-fired emergency generators, diesel-fired emergency primary and condenser water pumps, diesel-fired fire pump, and a diesel storage tank.

Wolfspeed has the potential to emit greater than 100 tons per year of a few regulated air pollutants before controls, including particulate matter (PM10), nitrogen oxides (NOx), and VOCs. Additionally, the facility has the potential to emit greater than 10 tons per year of an individual HAP (hydrochloric acid) and 25 tons per year of total HAPs before controls. After controls, all pollutant emissions are expected to be below Title V major source thresholds except for NOx. Therefore, the facility has been classified as a major source under Title V.

Table 1 provides a summary of the facility’s potential emissions before and after installing controls:

Table 1. Potential Emissions Before and After Installing Controls

Pollutant	Potential Emissions Before Controls (tons/yr)	Potential Emissions After Controls (tons/yr)
VOCs	112.66	18.34
PM10/PM2.5	101.64	5.59
NOx	113.62	113.62
CO	62.89	62.89
SO2	0.14	0.14
Highest Individual HAP (hydrochloric acid)	12.0	1.20
Total HAPs	27.31	2.92

Wolfspeed will be subject to federal standards including 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 Compression Ignition Internal Combustion Engines (40 CFR Part 60 Subpart IIII). Wolfspeed will avoid applicability of NESHAP 40 CFR Part 63 Subpart BBBB for Semiconductor Manufacturing by limiting HAP emissions to below the major source thresholds of 10 tons per year for each individual HAP and 25 tons per year of aggregate HAP emissions.

This facility is subject to North Carolina Air Toxics (State Only Requirement) per 15A North Carolina Administrative Code (NCAC) 02D .1100. The facility has completed an NC air toxics dispersion modeling analysis for hydrochloric acid, hydrofluoric acid, sulfuric acid, arsenic, benzene, beryllium, and cadmium. All pollutants were modeled at rates in compliance with the applicable Acceptable Ambient Levels (AALs). All other pollutants are expected to be emitted at rates below the applicable Toxics Permitting Emissions Rates (TPERs) per 15A NCAC 02Q .0711.

4 Geographic Area

The existing Wolfspeed facility is located at 20436 US 64 W Siler City, NC, 27344 (Figure 1). The facility is located in Chatham County, Census Tract 203 with a one-mile radius intersecting additional Census Tracts 202.01, 204.01, and 204.02 in Chatham County and Census Tracts 310.01 and 310.02 in Randolph County (Figure 1).

Census tracts are small, relatively permanent statistical subdivisions of a county with a unique numeric code (US Census Bureau). Neither the counties nor the census tracts encompass land within a state-designated tribal statistical area.

This draft Environmental Justice Report evaluates the demographic, socioeconomic, and environmental conditions in Chatham and Randolph Counties, in Census Tracts 310.01, 310.02, 202.01, 203, 204.01, and 204.02 as well as the one-mile radius around the property boundary of the existing Wolfspeed facility. Counties and Census Tracts were identified based on intersection with the one-mile radius around the property boundary. Finally, the demographics of the local census tracts and one-mile radius area were compared to County and State demographics. County demographics were also compared to the State demographics.

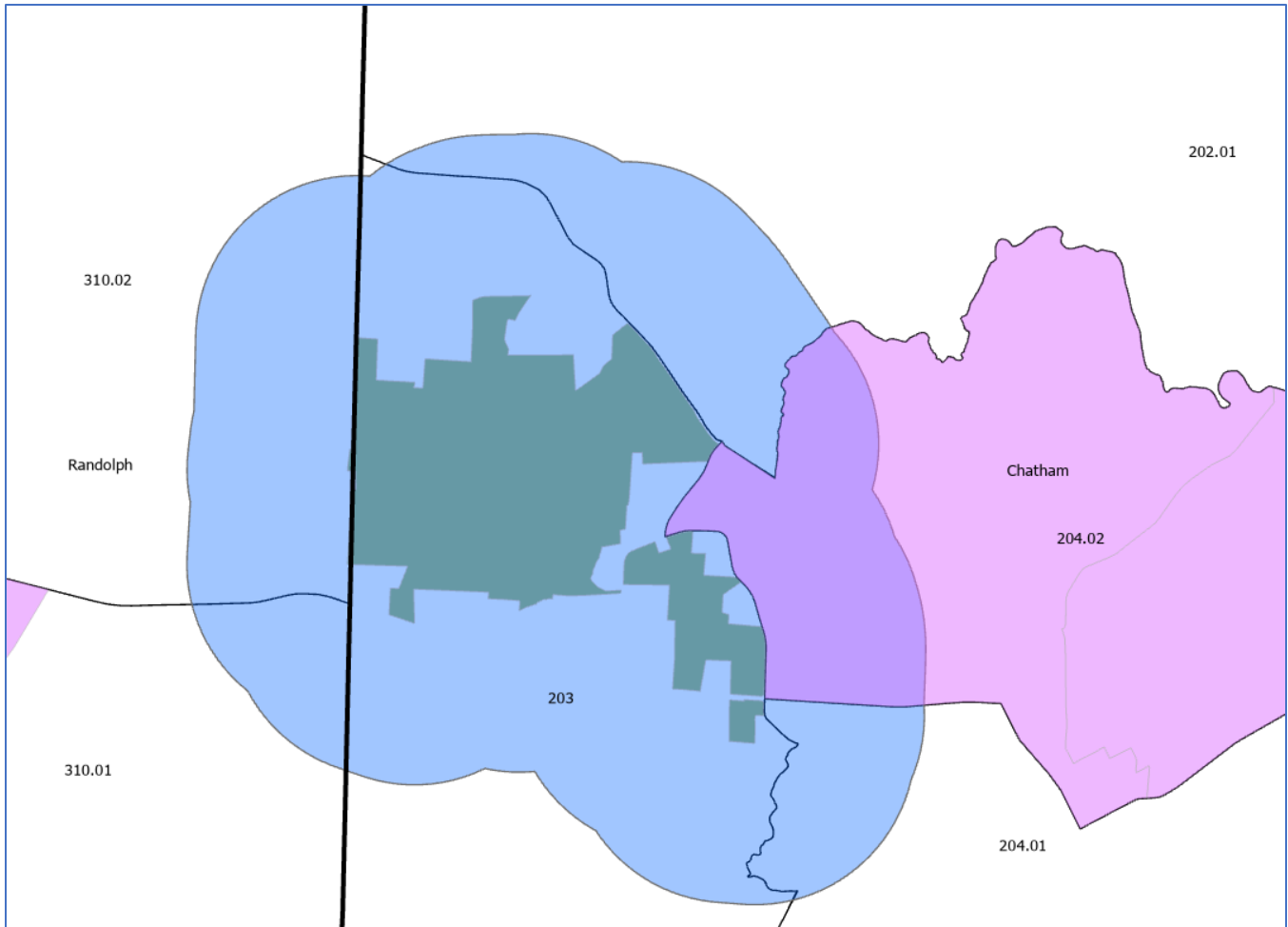


Figure 1. Facility location footprint (green) with the one-mile buffer (blue), potentially underserved community (pink) and labeled census tracts and counties.

5 Methods:

The following sections on race and ethnicity, age and sex, disability, poverty and household income, and Limited English Proficiency (LEP) populations are based on the most recent U.S. Census Bureau data at the state, county, census tract, and project-one-mile radius geographic scales.

U.S. Census Definitions for Demographic and Socioeconomic Variables Considered -

- **Race** – a person’s self-identification with one or more social groups. An individual can report as White, Black or African American, Asian, American Indian and Alaska Native, Native Hawaiian and Other Pacific Islander, or some other race.
- **Age and Sex** – Age is the length of time in completed years that a person has lived. Sex refers to a person’s biological sex.
- **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.

- **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.
- **Poverty** – A set of money income thresholds that vary by family size and composition to determine who is in poverty. If the total income for a family or unrelated individual falls below the relevant poverty threshold, then the family (and every individual in it) or unrelated individual is considered in poverty.
- **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.
- **Minority** - 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.

Using standard environmental justice guidelines from the EPA and NEPA documentation, the following conditions are highlighted as communities with the potential for environmental justice concerns:

1. Percentage increase of 10% or more compared to the county or state for minority race, age and sex, or disability, or household income brackets
2. 50% or more minority (non-white)
3. Share of population experiencing poverty is 20% or more
4. Percentage increase of 5% or more compared to the county or state average for poverty
5. At least 5% of the population or 1000 people (whichever is smaller) speaks English less than very well

Demographics for Chatham and Randolph Counties and the state are compared to the local (census tract and project one-mile radius) geographic scales to identify any disparities surrounding the project area using standard environmental justice guidelines from the EPA and National Environmental Policy Act (NEPA) documentation.

Data at the county geographic scale are compared to the state geographic scale and the local geographic scales are compared to the county and state geographic scales to identify disparities surrounding the project area. Local geographic scales include selected census tracts which intersect the one-mile radius around the approximate facility footprint as well as the area inclusive of the one-mile radius around the facility.

Percentage Increase Example:

If a census tract has 35% of the population classified as low income and the county consists of 30% low income, the census tract’s proportion of low-income population would exceed the county proportion of low-income population by 16.7% and thus be flagged as an area with the potential for having environmental justice concerns.

American Community Survey Data from the U.S. Census: This report uses 5-year estimates from the American Community Survey data, when possible. The U.S. Census indicates that the primary advantage of using multiyear estimates is the increased statistical reliability of the data for less populated areas and small population subgroups. The margin of error (MOE) has been included, when provided, and is a measure of the possible variation of the estimate around the population value (U.S. Census Bureau). The smaller the geographic unit, the larger the MOE becomes (generally). The Census Bureau standard for the MOE is at the 90% confidence level and may be any number between 0 and the MOE value in either direction (indicated by +/-).

5.1 Race and Ethnicity

Summary of Environmental Justice Indicators:

1. Is there a percentage increase of 10% or more compared to the county or state for a minority race or ethnicity?
 - Facility Area (1-mile radius): Yes, for Black or African American, Hispanic or Latino (of any race), two or more races, and some other race
 - Census tract 202.01: Yes, for American Indian or Alaska Native and some other race
 - Census tract 203: Yes, for Black or African American, American Indian or Alaska Native, Native Hawaiian and Other Pacific Islander, and Hispanic or Latino (of any race)
 - Census tract 204.01: Yes, for Hispanic or Latino (of any race)
 - Census tract 204.02: Yes, for Black or African American and some other race
 - Census Tract 310.01: Yes, for Black or African American and two or more races
 - Census Tract 310.02: Yes, for Black or African American, American Indian or Alaska Native, and some other race

2. Is there a census tract for which there is, 50% or more minority (non-white)
 - Yes, census tracts 204.01 and 204.02 are over 50% Hispanic or Latino (of any race).

Regional Setting

According to the 2020 US Census Data Table P2: Hispanic or Latino, and Not Hispanic or Latino by Race, North Carolina's population totaled 10,439,388 individuals (Table 2). The three most common racial and ethnic groups across the state were White (60.5%), Black or African American (20.2%), and Hispanic or Latino (of any race) (10.7%).

Chatham County had a total population of 76,285 individuals and Randolph County had a total population of 144,171 individuals (Table 2). The two most common racial or ethnic groups in Chatham County were White (not Hispanic or Latino) (70%) and Black or African American (10%). The population of all non-White race and ethnicity groups was lower when compared to the State in both Randolph and Chatham Counties. The two most common racial or ethnic groups in Randolph County were White (not Hispanic or Latino) (75%) and Hispanic or Latino (of any race) (13%).

Chatham and Randolph counties do not have 10% or higher proportions of any minority race or ethnic groups compared to the state of North Carolina.

Table 2. Regional Setting - Race and Ethnicity

Race and Ethnicity	North Carolina		Chatham County*		Randolph County	
	Number	Percent	Number	Percent	Number	Percent
Total Population	10,439,388	100%	76,285	100%	144,171	100%
White	6,312,148	60.5%	53,087	70%	108,354	75%
Black or African American	2,107,526	20.2%	7,768	10%	8,592	6%
American Indian or Alaska Native	100,886	1%	173	0%	666	0%
Asian	340,059	3.3%	1,616	2%	2,158	1%
Native Hawaiian and Other Pacific Islander	6,980	0.1%	24	0.03%	10	0%
Some other Race	46,340	0.4%	308	0%	412	0%
Two or More Races	406,853	3.9%	2,937	4%	4,928	3%
HISPANIC OR LATINO (of any race)	1,118,596	10.7	10,372	10%	19,051	13%

Source: US Census Bureau, 2020 Census
 * Facility is located in this County
 All **bolded and orange** highlighted cells indicate a percentage increase of 10% or more in the County compared to the State

Local Setting

According to the 2020 US Census Data Table P2, the largest population within Census Tract 202.01 was White (not Hispanic or Latino) (77.8%). White (not Hispanic or Latino) and Black or African American was greater than 10% different compared to the state (Table 3)

The largest population within Census Tract 203 was White (not Hispanic or Latino) (66%). All populations were not greater than 10% different when compared to the state or the county. (Table 4)

The largest population within Census Tract 204.01 was Hispanic or Latino (of any race) (47%) and White (not Hispanic or Latino) (32%). Hispanic or Latino (of any race) and White (not Hispanic or Latino) were both greater than 10% different when compared to the state and the county. (Table 4)

The largest population within Census Tract 204.02 was Hispanic or Latino (of any race) (53%). Hispanic or Latino (of any race) and White (not Hispanic or Latino) were both greater than 10% different compared to the state and the county. Black or African American was greater than 10% different when compared to the county. (Table 5)

The largest population within Census Tract 310.01 was White (not Hispanic or Latino) (68%). Black or African American was greater than 10% different when compared to the state. (Table 6)

The largest population within Census Tract 310.02 was White (not Hispanic or Latino) (72%). White (not Hispanic or Latino) was greater than 10% different when compared to the state. (Table 6)

Within the one-mile project radius, the largest population was White (not Hispanic or Latino) (68%). Hispanic or Latino (of any race) was greater than 10% different when compared to the state. (Table 3)

Table 3. Local Setting - Race and Ethnicity

Race and Ethnicity	Project Area - 1 Mile		Census Tract 202.01	
	Number	Percent	Number	Percent
Total Population	1900	100%	3,007	100%
White	1290	68%	2,340	77.8%
Black or African American	327	17%	201	6.7%
American Indian or Alaska Native	0	0%	10	0.3%
Asian	1	0%	11	0.4%
Native Hawaiian and Other Pacific Islander	0	0%	0	0.0%
Some other Race	125	7%	14	0.5%
Two or More Races	156	8%	104	3.5%
HISPANIC OR LATINO (of any race)	471	25%	327	11%

Source: US Census Bureau, 2020 Census

All **bolded and orange** highlighted cells indicate a percentage increase of 10% or more in the County compared to the State
All **bolded and blue** highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area when compared to the State and County
All **bolded and green** highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area compared to the County

Table 4. Local Setting - Race and Ethnicity (cont'd)

Race and Ethnicity	Census Tract 203*		Census Tract 204.01	
	Number	Percent	Number	Percent
Total Population	2,742	100%	5,835	100%
White	1,802	66%	1,872	32%
Black or African American	440	16%	1013	17%
American Indian or Alaska Native	7	0.26%	5	0%
Asian	14	1%	48	1%
Native Hawaiian and Other Pacific Islander	1	0.04%	2	0%
Some other Race	10	0%	36	1%
Two or More Races	80	3%	143	2%
HISPANIC OR LATINO (of any race)	388	14%	2716	47%

Source: US Census Bureau, 2020 Census

* Facility is located in this census tract
All **bolded and orange** highlighted cells indicate a percentage increase of 10% or more in the County compared to the State
All **bolded and blue** highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area when compared to the State and County
All **bolded and green** highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area compared to the County

Table 5. Local Setting - Race and Ethnicity (cont'd)

Race and Ethnicity	Census Tract 204.02	
	Number	Percent
Total Population	4,610	100%
White	1,023	22%
Black or African American	938	20%
American Indian or Alaska Native	0	0%
Asian	44	1%
Native Hawaiian and Other Pacific Islander	0	0%
Some other Race	31	0.67%
Two or More Races	153	3%
HISPANIC OR LATINO (of any race)	2,421	53%

Source: US Census Bureau, 2020 Census
 All **bolded and orange** highlighted cells indicate a percentage increase of 10% or more in the County compared to the State
 All **bolded and blue** highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area when compared to the State and County
 All **bolded and green** highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area compared to the County

Table 6. Local Setting - Race and Ethnicity (cont'd)

Race and Ethnicity	Census Tract 310.01		Census Tract 310.02	
	Number	Percent	Number	Percent
Total Population	2,881	100%	4,446	100%
White	1,970	68%	3,206	72%
Black or African American	223	8%	510	11%
American Indian or Alaska Native	7	0%	23	0.52%
Asian	35	1%	13	0%
Native Hawaiian and Other Pacific Islander	0	0%	0	0%
Some other Race	1	0%	38	0.85%
Two or More Races	111	4%	146	3%
HISPANIC OR LATINO (of any race)	534	18.5%	510	11%

Source: US Census Bureau, 2020 Census
 All **bolded and orange** highlighted cells indicate a percentage increase of 10% or more in the County compared to the State
 All **bolded and blue** highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area when compared to the State and County
 All **bolded and green** highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area compared to the County

5.2 Age and Sex

Summary of Environmental Justice Indicators:

1. Is there a percentage increase of 10% or more compared to the county or state for age and sex?
 - Facility Area (1-mile radius): The facility area was not assessed because EJScreen does not provide statistics on age and sex.
 - Census tract 202: Yes, median ages for both sexes, males, and females are 10% or more higher than the state’s median ages.
 - Census tract 203: Yes, median ages for both sexes and females are 10% or more higher than the state’s median ages.
 - Census tract 204.01: No
 - Census tract 204.02: No
 - Census Tract 310: No

Regional Setting

According to the 2010 US Census Data Table P 12: Sex by Age, and Table P13: Median Age, North Carolina had a total population of 9,535,483 individuals (Table 7)⁴. The median age for females (38.7) was slightly older than the median age for males (36).

Chatham County had a total population of 63,505 individuals. The median age for females (41.9) was slightly higher than the median age for males (41). The median age for both sexes was older than the median age for the state. (Table 7)

Randolph County had a total population of 141,752 individuals. The median age for females (40.4) was slightly higher than the median age for males (38.6), both older than the median age for the state. (Table 8)

Table 7. Regional Setting - Age Groups and Sex

Age	North Carolina						Chatham County					
	Number			Percent			Number			Percent		
	Both sexes	Male	Female	Both sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
Total Population	9,535,483	4,645,492	4,889,991	100%	49%	51%	63,505	30,654	32,851	100%	48%	52%
Median Age	37.4	36	38.7				41.5	41	41.9			

Source: US Census Bureau, 2010 Census

All **bolded and orange** highlighted cells indicate a percentage increase of 10% or more in the County compared to the State

⁴ 2010 US Census Data was used for Age & Sex because 2020 US Census for Age & Sex are not yet available from the US Census Bureau.

Table 8. Regional Setting - Age Groups and Sex (cont'd)

Randolph County					
Number			Percent		
Both Sexes	Male	Female	Both Sexes	Male	Female
141,752	69,838	71,914	100%	49%	51%
39.5	38.6	40.4			

Source: US Census Bureau, 2010 Census
All **bolded and orange** highlighted cells indicate a percentage increase of 10% or more in the County compared to the State

Local Setting

According to the 2010 US Census Data Table P 12: Sex by Age, and Table P13: Median Age,

EJSCREEN identified a population of 1,900 individuals within the one-mile buffer surrounding the facility. There was a higher percentage of females than males in this area. EJSCREEN data does not provide the median age (Table 14).

Census Tract 202.01 had a total population of 7,666 and had older median ages compared to the state (Table 9).

Census Tract 203 had a total population of 2,929 and had slightly older median ages than the state (Table 10).

Census Tract 204.01 had a total population of 5,775 and did not have higher median ages than the state or the county (Table 11).

Census Tract 204.02 had a total population of 4,693 and did not have higher median ages than the state or the county (Table 12).

Census Tract 310.01 and 310.02 together had a total population of 7,151 did not have higher median ages compared to the state or the county (Table 13).

Table 9. Local Setting - Age Groups and Sex

Age	Census Tract 202.01**					
	Number			Percent		
	Both sexes	Male	Female	Both sexes	Male	Female
Total Population	7,666	3,738	3,928	100%	49%	51%
Median Age	44.0	43.4	44.7			

**In 2020 Census Tract 202 split into 202.01 and 202.02; Table P 12 and P 13 data for 2020 were not available, so 2010 data were used for Census Tract 202.

All **bolded and orange** highlighted cells indicate a percentage increase of 10% or more in the County compared to the State

All **bolded and blue** highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area when compared to the State and County

All **bolded and green** highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area compared to the County

Table 10. Local Setting - Age Groups and Sex (cont'd)

Age	Census Tract 203*					
	Number			Percent		
	Both sexes	Male	Female	Both sexes	Male	Female
Total Population	2,929	1,415	1,514	100%	48%	52%
Median Age	41.5	41	41.9			

Source: US Census Bureau, 2010 Census

* Facility is located in this census tract

All **bolded and orange** highlighted cells indicate a percentage increase of 10% or more in the County compared to the State

All **bolded and blue** highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area when compared to the State and County

All **bolded and green** highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area compared to the County

Table 11. Local Setting - Age Groups and Sex (cont'd)

Age	Census Tract 204.01					
	Number			Percent		
	Both sexes	Male	Female	Both sexes	Male	Female
Total Population	5,775	2,798	2,977	100%	48%	52%
Median Age	33.1	31.1	35.1			

Source: US Census Bureau, 2010 Census

All **bolded and orange** highlighted cells indicate a percentage increase of 10% or more in the County compared to the State

All **bolded and blue** highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area when compared to the State and County

All **bolded and green** highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area compared to **the** County

Table 12. Local Setting - Age Groups and Sex (cont'd)

Age	Census Tract 204.02					
	Number			Percent		
	Both sexes	Male	Female	Both sexes	Male	Female
Total Population	4,693	2,352	2,341	100%	50.10%	49.90%
Median Age	30.7	29	32.9			

Source: US Census Bureau, 2010 Census

All **bolded and orange** highlighted cells indicate a percentage increase of 10% or more in the County compared to the State

All **bolded and blue** highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area when compared to the State and County

All **bolded and green** highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area compared to the County

Table 13. Local Setting - Age Groups and Sex (cont'd)

Age	**Census Tract 310.01 and 310.02					
	Number			Percent		
	Both sexes	Male	Female	Both sexes	Male	Female
Total Population	7,151	3,529	3,622	100%	49%	51%
Median Age	40.30	38.7	41.9			
**In 2020 Census Tract 310 split into 310.01 and 310.02; Table P 12 and P 13 data for 2020 were not available, so 2010 data were used for Census Tract 310.						

Source: US Census Bureau, 2010 Census

All **bolded and orange** highlighted cells indicate a percentage increase of 10% or more in the County compared to the State

All **bolded and blue** highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area when compared to the State and County

All **bolded and green** highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area compared to the County

Table 14. Project Radius - Age Groups and Sex

Age	Project Area - 1 Miles					
	Number			Percent		
	Both sexes	Male	Female	Both sexes	Male	Female
Total Population	1,900	882	1,017	100%	46%	54%

Source: EJScreen's American Community Survey 2016-2020 U.S. Census data

All **bolded and orange** highlighted cells indicate a percentage increase of 10% or more in the County compared to the State

All **bolded and blue** highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area when compared to the State and County

All **bolded and green** highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area compared to the County

5.3 Disability

Summary of Environmental Justice Indicators:

1. Is there a percentage increase of 10% or more compared to the county or state's total population with a disability?
 - Facility Area (1-mile radius): The facility area was not assessed because EJScreen does not provide statistics on disability.
 - Census tract 202.01: No, not for total population.
 - Census tract 203: Yes, compared to the state.
 - Census tract 204.01: Yes, compared to the state and the county
 - Census tract 310.01: Yes, compared to the state and the county
 - Census tract 310.02: Yes, compared to the state and the county

Regional Setting

According to the 2020 American Community Survey 5-Year Estimates, Table S1810 Disability Characteristics from the US Census Bureau, the state of North Carolina had an estimated total population of 10,178,084 noninstitutionalized citizens. Of those individuals, an estimated 13% (MOE +/- 0.1%) had a disability. American Indian and Alaskan Native had the highest estimated disability rate of 18% (MOE +/- 0.8%). Black or African American and White (not Hispanic or Latino) had the next highest population estimates with disabilities in North Carolina, both at 14% (MOE +/-0.2%) and 14% (MOE +/- 0.1%), respectively (Table 15).

Chatham County had an estimated total population of 77,265 noninstitutionalized citizens. Of those, an estimated 14.4% (MOE +/- 1.3%) had a disability. The largest population of disabled civilians was American Indian and Alaska Native (32%, MOE 21.5%). The percent American Indian and Alaska Native disability rate was greater than 10% different when compared to the state. (Table 15).

Randolph County had an estimated total population of 142,110 noninstitutionalized citizens. Of those, an estimated 17% (MOE +/- 1.0%) had a disability. The largest population of disabled civilians was Black or African American (21.0%, MOE 3.7%), followed by White (not Hispanic or Latino) (18%, MOE +/- 1.1%). The percent White (not Hispanic or Latino), Black or African American, Asian, and Hispanic or Latino disability rates were each greater than 10% different when compared to the state. The percent of the population with a hearing difficulty, a vision difficulty, a cognitive difficulty, or an ambulatory difficulty were each greater than 10% different when compared to the state. The total population of noninstitutionalized citizens with a disability in Randolph County was greater than 10% different when compared to the state. (Table 16).

Table 15. Regional Setting – Disability

Subject	North Carolina						Chatham County*					
	Total		With a Disability		Percent with a Disability		Total		With a Disability		Percent with a Disability	
	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-
Total civilian noninstitutionalized population	10,178,084	2,246	1,363,146	10,334	13%	0.1	72,265	±143	10,415	±970	14.40%	±1.3
RACE AND HISPANIC OR LATINO ORIGIN												
White (not Hispanic or Latino)	6,887,100	8,360	952,878	7,860	14%	0.1	57221	±664	8622	±900	15%	±1.5
Black or African American	2,162,727	5,667	312,089	5,124	14%	0.2	8419	±498	1332	±304	16%	±3.7
American Indian and Alaska Native	117,165	2,329	21,497	933	18%	0.8	130	±129	42	±54	32%	±21.5
Asian	305,567	2,316	16,107	1,164	5%	0.4	1182	±147	32	±35	3%	±2.9
Native Hawaiian and Other Pacific Islander	6,715	771	620	185	9%	2.8	0	±31	0	±31	0%	NA
Some other Race	330,447	8,082	21,840	1,304	7%	0.4	2663	±829	161	±143	6%	±4.9
Two or more races	368,363	7,303	38,115	1,947	10%	0.5	2650	±597	226	±111	9%	±3.9
Hispanic or Latino	968,502	1,000	63,943	2,301	7%	0.2	8780	±23	811	±268	9%	±3.0
Type of Disability												
With a hearing difficulty	(X)	(X)	379973	5120	4%	0.1	(X)	(X)	3,911	±701	5.40%	±1.0
With a vision difficulty	(X)	(X)	263954	5052	3%	0.1	(X)	(X)	3,092	±571	4.30%	±0.8
With a cognitive difficulty	(X)	(X)	515673	7341	5%	0.1	(X)	(X)	3,595	±547	5.20%	±0.8
With an ambulatory difficulty	(X)	(X)	711995	6660	7%	0.1	(X)	(X)	4,674	±633	6.80%	±0.9

Source: US Census Data, 2020 5-year ACS estimates

* Facility is located in this County.

All **bolded and orange** highlighted cells indicate a percentage increase of 10% or more in the County compared to the State

(X) indicates the Census Data are missing in the source data

NA indicates too few samples were available to compute the statistic

Table 16. Regional Setting - Disability (cont'd)

Subject	North Carolina						Randolph County					
	Total		With a Disability		Percent with a Disability		Total		With a Disability		Percent with a Disability	
	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-
Total civilian noninstitutionalized population	10,178,084	2,246	1,363,146	10,334	13%	0.1	142,110	±238	24,187	±1,366	17.00%	±1.0
RACE AND HISPANIC OR LATINO ORIGIN												
White (not Hispanic or Latino)	6,887,100	8,360	952,878	7,860	14%	0.1	119546	±1,288	21146	±1,306	18%	±1.1
Black or African American	2,162,727	5,667	312,089	5,124	14%	0.2	8651	±602	1812	±354	21%	±3.7
American Indian and Alaska Native	117,165	2,329	21,497	933	18%	0.8	435	±138	68	±52	16%	±11.5
Asian	305,567	2,316	16,107	1,164	5%	0.4	1763	±251	273	±140	16%	±7.5
Native Hawaiian and Other Pacific Islander	6,715	771	620	185	9%	2.8	95	±106	0	±31	0%	±32.9
Some other Race	330,447	8,082	21,840	1,304	7%	0.4	7187	±1,199	394	±139	6%	±1.9
Two or more races	368,363	7,303	38,115	1,947	10%	0.5	4433	±760	494	±165	11%	±4.0
Hispanic or Latino	968,502	1,000	63,943	2,301	7%	0.2	16694	±48	1282	±322	8%	±1.9
Type of Disability												
With a hearing difficulty	(X)	(X)	379973	5120	4%	0.1	(X)	(X)	6,788	±662	4.80%	±0.5
With a vision difficulty	(X)	(X)	263954	5052	3%	0.1	(X)	(X)	4,507	±587	3.20%	±0.4
With a cognitive difficulty	(X)	(X)	515673	7341	5%	0.1	(X)	(X)	10,000	±1,012	7.50%	±0.8
With an ambulatory difficulty	(X)	(X)	711995	6660	7%	0.1	(X)	(X)	12,180	±904	9.10%	±0.7

Source: US Census Data, 2020 5-year ACS estimates

All **bolded and orange** highlighted cells indicate a percentage increase of 10% or more in the County compared to the State

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NA indicates too few samples were available to compute the statistic

Local Setting

According to the 2020 American Community Survey 5-Year Estimates, Table S1810 Disability Characteristics from the US Census Bureau, Census Tract 202.01 had an estimated total population of 3,133 noninstitutionalized citizens (Table 17). Of those individuals, an estimated 11.7% (MOE +/- 5.1%) had a disability. The subjects with the largest population of disabled civilians were White (12.8%, MOE +/- 6.3%), followed by Black or African American at 11.4% (MOE +/- 13.9%).

Census Tract 203 had an estimated total population of 2,780 noninstitutionalized citizens (Table 18). Of those individuals, an estimated 15.7% (MOE +/- 5.7%) had a disability. The subjects with the largest population of disabled civilians were White (14.5%, MOE +/- 6.8%) followed by Black or African American (29.2%, MOE +/- 15.8%). Total population with a disability was greater than 10% higher compared to the state.

Census Tract 204.01 had an estimated total population of 5,746 noninstitutionalized citizens (Table 19). Of those individuals, an estimated 17.7% (MOE +/- 4.3%) had a disability. The subjects with the largest population of disabled civilians was White (21.5%, MOE +/- 5.3%) followed by Hispanic or Latino (8.8%, MOE +/- 5.6). Total population with a disability was greater than 10% higher compared to the state and county.

Census Tract 204.02 had an estimated total population of 5,164 noninstitutionalized citizens (Table 20). Of those individuals, an estimated 14.5% (MOE +/- 5.4%) had a disability. The subjects with the largest population of disabled civilians was White (not Hispanic or Latino) (19.4%, MOE +/- 8.0%), followed by Hispanic or Latino at 11.4% (MOE +/- 7.3)

Census Tract 310.01 had an estimated total population of 3,472 noninstitutionalized citizens (Table 21). Of those individuals, an estimated 24.8% (MOE +/- 7.1%) had a disability. The subjects with the largest population of disabled civilians was White (not Hispanic or Latino) (31.5%, MOE +/- 11.0) followed by two or more races (6.2%, MOE +/- 2.7%). Total population with a disability was greater than 10% higher compared to the state and county.

Census Tract 310.02 had an estimated total population of 4,082 noninstitutionalized citizens (Table 22). Of those individuals, an estimated 19.7% (MOE +/- 5.8%) had a disability. The subjects with the largest population of disabled civilians was White (19.4%, MOE +/- 5.8%) followed by Black or African American (23.1%, MOE +/- 19.3%). Total population with a disability was greater than 10% higher compared to the state and county.

Table 17. Local Setting - Disability

Subject	Census Tract 202.01					
	Total		With a Disability		Percent with a Disability	
	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-
Total civilian noninstitutionalized population	3133	576	365	155	11.7%	5.1
RACE AND HISPANIC OR LATINO ORIGIN						
White (not Hispanic or Latino)	2,461.0	538.0	316.0	147.0	12.8%	6.3
Black or African American	428.0	344.0	49.0	69.0	11.4%	13.9
American Indian and Alaska Native	0.0	13.0	0.0	13.0	0.0%	NA
Asian	0.0	13.0	0.0	13.0	0.0%	NA
Native Hawaiian and Other Pacific Islander	0.0	13.0	0.0	13.0	0.0%	NA
Some other Race	73.0	113.0	0.0	13.0	0.0%	38.5
Two or more races	171.0	151.0	0.0	13.0	0.0%	20.7
Hispanic or Latino	149.0	136.0	12.0	20.0	8.1%	9.9
Type of Disability						
With a hearing difficulty	(X)	(X)	95	98	3.0%	3.1
With a vision difficulty	(X)	(X)	71	70	2.3%	2.3
With a cognitive difficulty	(X)	(X)	120	110	4.0%	3.7
With an ambulatory difficulty	(X)	(X)	212	134	7.0%	4.6
<p>Source: US Census Data, 2020 5-year ACS estimates</p> <p>All bolded and orange highlighted cells indicate a percentage increase of 10% or more in the County compared to the State</p> <p>All bolded and blue highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area when compared to the State and County</p> <p>All bolded and green highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area compared to the County</p> <p>(X) indicates the Census Data are missing in the source data</p> <p>NA indicates too few samples were available to compute the statistic</p>						

Table 18. Local Setting - Disability (cont'd)

Subject	Census Tract 203*					
	Total		With a Disability		Percent with a Disability	
	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-
Total civilian noninstitutionalized population	2,780	±446	436	±143	15.70%	±5.7
RACE AND HISPANIC OR LATINO ORIGIN						
White (not Hispanic or Latino)	2,190	±475	318	±130	14.50%	±6.8
Black or African American	401	±137	117	±65	29.20%	±15.8
American Indian and Alaska Native	0	±13	0	±13	0	NA
Asian	1	±2	1	±2	100.00%	±100.0
Native Hawaiian and Other Pacific Islander	0	±13	0	±13	0	NA
Some other Race	188	±205	0	±13	0.00%	±19.0
Two or more races	0	±13	0	±13	0	NA
Hispanic or Latino	542	±334	7	±11	1.30%	±2.1
Type of Disability						
With a hearing difficulty	(X)	(X)	99	±53	3.60%	±2.2
With a vision difficulty	(X)	(X)	66	±51	2.40%	±1.8
With a cognitive difficulty	(X)	(X)	139	±72	5.60%	±2.9
With an ambulatory difficulty	(X)	(X)	270	±115	10.90%	±5.0

Source: US Census Data, 2020 5-year ACS estimates

*Facility is located in this census tract

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All **bolded and green** highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area compared to the County

(X) indicates the Census Data are missing in the source data

NA indicates too few samples were available to compute the statistic

Table 19. Local Setting - Disability (cont'd)

Subject	Census Tract 204.01					
	Total		With a Disability		Percent with a Disability	
	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-
Total civilian noninstitutionalized population	5,746	±587	1,018	±253	17.70%	±4.3
RACE AND HISPANIC OR LATINO ORIGIN						
White (not Hispanic or Latino)	3,705	±554	796	±194	21.50%	±4.8
Black or African American	1,069	±441	181	±149	16.90%	±11.9
American Indian and Alaska Native	0	±19	0	±19	0	NA
Asian	7	±16	0	±19	0.00%	±100.0
Native Hawaiian and Other Pacific Islander	0	±19	0	±19	0	NA
Some other Race	857	±486	13	±20	1.50%	±2.5
Two or more races	108	±107	28	±47	25.90%	±42.3
Hispanic or Latino	2,609	±572	230	±150	8.80%	±5.6
Type of Disability						
With a hearing difficulty	(X)	(X)	323	±136	5.60%	±2.4
With a vision difficulty	(X)	(X)	299	±197	5.20%	±3.4
With a cognitive difficulty	(X)	(X)	352	±145	6.50%	±2.7
With an ambulatory difficulty	(X)	(X)	404	±140	7.50%	±2.7
<p>Source: US Census Data, 2020 5-year ACS estimates</p> <p>All bolded and orange highlighted cells indicate a percentage increase of 10% or more in the County compared to the State</p> <p>All bolded and blue highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area when compared to the State and County</p> <p>All bolded and green highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area compared to the County</p> <p>(X) indicates the Census Data are missing in the source data</p> <p>NA indicates too few samples were available to compute the statistic</p>						

Table 20. Local Setting - Disability (cont'd)

Subject	Census Tract 204.02					
	Total		With a Disability		Percent with a Disability	
	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-
Total civilian noninstitutionalized population	5,164	±915	747	±227	14.50%	±5.4
RACE AND HISPANIC OR LATINO ORIGIN						
White (not Hispanic or Latino)	2,573	±634	499	±194	19.40%	±8.0
Black or African American	1,374	±618	175	±131	12.70%	±10.6
American Indian and Alaska Native	9	±15	0	±19	0.00%	±100.0
Asian	0	±19	0	±19	0	NA
Native Hawaiian and Other Pacific Islander	0	±19	0	±19	0	NA
Some other Race	760	±435	36	±41	4.70%	±4.2
Two or more races	448	±288	37	±66	8.30%	±15.0
Hispanic or Latino	2,049	±443	233	±156	11.40%	±7.3
Type of Disability						
With a hearing difficulty	(X)	(X)	243	±113	4.70%	±2.5
With a vision difficulty	(X)	(X)	261	±169	5.10%	±3.5
With a cognitive difficulty	(X)	(X)	397	±190	8.00%	±4.2
With an ambulatory difficulty	(X)	(X)	367	±149	7.40%	±3.5
Source: US Census Data, 2020 5-year ACS estimates						
All bolded and orange highlighted cells indicate a percentage increase of 10% or more in the County compared to the State						
All bolded and blue highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area when compared to the State and County						
All bolded and green highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area compared to the County						
(X) indicates the Census Data are missing in the source data						
NA indicates too few samples were available to compute the statistic						

Table 21. Local Setting- Disability (cont'd)

Subject	Census Tract 310.01					
	Total		With a Disability		Percent with a Disability	
	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-
Total civilian noninstitutionalized population	3,472	832	861	340	24.8%	7.1
RACE AND HISPANIC OR LATINO ORIGIN					0.0%	
White (not Hispanic or Latino)	2,468	617	778	343	31.5%	11.0
Black or African American	166	98	30	30	18.1%	16.5
American Indian and Alaska Native	69	82	14	17	20.3%	36.0
Asian	30	40	0	13	0.0%	60.1
Native Hawaiian and Other Pacific Islander	0	13	0	13	0.0%	NA
Some other Race	187	215	5	10	2.7%	7.8
Two or more races	552	447	34	40	6.2%	9.9
Hispanic or Latino	897	537	14	18	1.6%	2.7
Type of Disability					0.0%	
With a hearing difficulty	(X)	(X)	146	89	4.2%	2.6
With a vision difficulty	(X)	(X)	167	100	4.8%	3.1
With a cognitive difficulty	(X)	(X)	594	324	19.1%	8.0
With an ambulatory difficulty	(X)	(X)	236	91	7.6%	3.2
Source: US Census Data, 2020 5-year ACS estimates						
All bolded and orange highlighted cells indicate a percentage increase of 10% or more in the County compared to the State						
All bolded and blue highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area when compared to the State and County						
All bolded and green highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area compared to the County						
(X) indicates the Census Data are missing in the source data						
NA indicates too few samples were available to compute the statistic						

Table 22. Local Setting - Disability (cont'd)

Subject	Census Tract 310.02					
	Total		With a Disability		Percent with a Disability	
	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-
Total civilian noninstitutionalized population	4,082	468	804	232	19.7%	5.8
RACE AND HISPANIC OR LATINO ORIGIN						
White (not Hispanic or Latino)	3,390	421	657	186	19.4%	5.8
Black or African American	610	273	141	100	23.1%	19.3
American Indian and Alaska Native	0	13	0	13	0.0%	NA
Asian	0	13	0	13	0.0%	NA
Native Hawaiian and Other Pacific Islander	0	13	0	13	0.0%	NA
Some other Race	36	41	2	4	5.6%	13.8
Two or more races	46	50	4	7	8.7%	16.6
Hispanic or Latino	274	202	46	61	16.8%	14.0
Type of Disability						
With a hearing difficulty	(X)	(X)	231	5.7%	5.7%	2.7
With a vision difficulty	(X)	(X)	186	4.6%	4.6%	2.3
With a cognitive difficulty	(X)	(X)	467	11.7%	11.7%	4.8
With an ambulatory difficulty	(X)	(X)	431	10.8%	10.8%	4.4
Source: US Census Data, 2020 5-year ACS estimates						
All bolded and orange highlighted cells indicate a percentage increase of 10% or more in the County compared to the State						
All bolded and blue highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area when compared to the State and County						
All bolded and green highlighted cells indicate a percentage increase of 10% or more in the Census Tract or one-mile radius area compared to the County						
(X) indicates the Census Data are missing in the source data						
NA indicates too few samples were available to compute the statistic						

5.4 Poverty

Summary of Environmental Justice Indicators:

1. Is there a percentage increase of 5% or more compared to the county or state average poverty?
 - Facility Area (one-mile radius): The facility area was not assessed because EJScreen does not provide statistics on poverty.
 - Census tract 202.01: No, not for total population.
 - Census tract 203: No, not for total population.
 - Census tract 204.01: Yes, compared to the state and the county
 - Census tract 204.02: Yes, compared to the state and the county.
 - Census tract 310.01: Yes, compared to the state and the county
 - Census tract 310.02: No, not for total population.

2. Is the share of population experiencing poverty 20% or more?
 - Yes, in two of six census tracts for which the facility area (one-mile radius) intersects the population experiencing poverty is 33.6% (census tract 204.02), and 32.8% (census tract 310.01)

NC Department of Commerce County Ranking

Chatham County is a Tier 3 county and Randolph County is a Tier 1 county by the NC Department of Commerce 2022 rankings. According to the Department of Commerce, Tier 1 counties encompass the 40 most distressed counties based on average unemployment rate, median household income, percentage growth in population, and adjusted property tax per capita. Tier 3 counties encompass the least distressed 20 counties based on this ranking system.

Regional Setting

According to the Census Table S1701, Poverty Status in the Past 12 Months, 2020 American Community Survey 5-Year Estimates, from the US Census Bureau, North Carolina had an estimated population of 10,098,330, with 14.0% (MOE +/- 0.2%) below the poverty level (Table 22). Across all subjects, Some Other Race had the highest percent living below the poverty level at 25.0% (MOE +/- 1.5%). The next three subjects with the highest poverty level were American Indian and Alaska Native at 24.1% (MOE +/- 1.2%), Hispanic or Latino at 23.9% (MOE +/- 0.6%), and Native Hawaiian and Pacific Islander at 22.8% (MOE +/- 5.0%). Households below 200 percent of the federal poverty level⁵ are calculated by multiplying the percentage point by the

⁵ <https://www.thebalance.com/federal-poverty-level-definition-guidelines-chart-3305843>

poverty level for the number of individuals in that household. For example, to calculate 200% of the poverty level for a household of four in 2021⁶, that would be \$53,000 (2.0 x \$26,500).

Chatham County had an estimated population of 72,010 with 10.7% (MOE +/- 1.6%) living below the poverty level (Table 23). Across all subjects American Indian and Alaska Native had the highest percent living below the poverty level at 71.5% (MOE +/- 49.1%), followed by Hispanic or Latino (24.7%, MOE +/- 6.7%), and two or more races (24.5%, MOE +/- 10.0%). Black or African American, American Indian and Alaska Native, some other race, two or more races, and Hispanic or Latino had estimates with 10% increase or more when compared to the state.

Randolph County had an estimated population of 141,686 with 14.6% (MOE +/- 1.30%) living below the poverty level. Across all subjects, Black or African American had the highest percent living below the poverty level at 26.8% (MOE +/- 6.5%), followed some other race (25.9%, MOE +/- 7.0%), and two or more races (24.7%, MOE +/- 9.6). White (not Hispanic or Latino), Black or African American, American Indian and Alaska Native, Asian, some other race, two or more races, and Hispanic or Latino had estimates with 10% increase or more when compared to the state (Table 24).

⁶ The poverty level for a household of four in 2021 is an annual income of \$26,500. To calculate the poverty level for larger families, add \$4,540 for each additional person in the household. For smaller families, subtract \$4,540 per person.

Table 23. Regional Setting – Poverty

Subject	North Carolina						Chatham County*					
	Total		Below poverty level		Percent below poverty level		Total		Below poverty level		Percent below poverty level	
	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-
Population for whom poverty status is determined	10,098,330	±2,221	1,411,939	17,543	14.0%	0.2	72,010	275	7,736	1,180	10.7%	1.60
RACE AND HISPANIC OR LATINO ORIGIN												
White	6,344,815	4,042	622,712	11,804	9.8%	0.2	57,038	657	4,455	881	7.8%	1.50
Black or African American	2,132,832	6,025	456,894	7,600	21.4%	0.4	8,419	498	1,974	544	23.4%	5.80
American Indian and Alaska Native	116,785	2,358	28,165	1,550	24.1%	1.2	130	129	93	122	71.5%	49.10
Asian	301,700	2,467	30,354	2,417	10.1%	0.8	1,182	147	16	24	1.4%	2.00
Native Hawaiian and Other Pacific Islander	6,653	762	1,516	343	22.8%	5.0	-	31	-	31	-	**
Some other Race	328,061	8,018	82,109	5,279	25.0%	1.5	2,591	815	549	368	21.2%	13.70
Two or more races	365,189	7,058	70,845	3,951	19.4%	1.0	2,650	597	649	318	24.5%	10.00
Hispanic or Latino	966,330	1,407	230,691	6,016	23.9%	0.6	8,736	65	2,158	586	24.7%	6.70
All individuals below:												
200 percent of poverty level	3,331,937	25,024					19,526	1,184				
Source: US Census Data, 2020 5-year ACS estimates *Facility is in this County All bolded and orange highlighted cells indicate a percentage increase of 5% or more in the County compared to the State												

Table 24. Regional Setting – Poverty (cont'd)

Subject	North Carolina						Randolph County					
	Total		Below poverty level		Percent below poverty level		Total		Below poverty level		Percent below poverty level	
	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-
Population for whom poverty status is determined	10,098,330	±2,221	1,411,939	17,543	14.0%	0.2	141,686	362	20,714	1,806	14.6%	1.30
RACE AND HISPANIC OR LATINO ORIGIN												
White	6,344,815	4,042	622,712	11,804	9.8%	0.2	119,396	1256	15164	1512	12.7%	1.30
Black or African American	2,132,832	6,025	456,894	7,600	21.4%	0.4	8,493	624	2,274	585	26.8%	6.50
American Indian and Alaska Native	116,785	2,358	28,165	1,550	24.1%	1.2	435	138	85	45	19.5%	9.10
Asian	301,700	2,467	30,354	2,417	10.1%	0.8	1,763	251	259	163	14.7%	9.00
Native Hawaiian and Other Pacific Islander	6,653	762	1,516	343	22.8%	5.0	95	106	-	31	0.0%	32.90
Some other Race	328,061	8,018	82,109	5,279	25.0%	1.5	7,160	1,192	1,858	644	25.9%	7.00
Two or more races	365,189	7,058	70,845	3,951	19.4%	1.0	4,344	761	1,074	510	24.7%	9.60
Hispanic or Latino	966,330	1,407	230,691	6,016	23.9%	0.6	16,673	59	3,952	903	23.7%	5.40
All individuals below:												
200 percent of poverty level	3,331,937	25,024					54,778	2,557				
Source: US Census Data, 2020 5-year ACS estimates												
All bolded and orange highlighted cells indicate a percentage increase of 5% or more in the County compared to the State												

Local Setting

According to the Census Table S1701, Poverty Status in the Past 12 Months, 2020 American Community Survey 5-Year Estimates, from the US Census Bureau, Census Tract 202.01 had an estimated population of 3,133 with 10.2% (MOE +/- 7.4%) living below the poverty level (Table 25). Black or African American and two or more races had poverty estimates with a percentage increase of 5% or more when compared to the state and the county.

Census Tract 203 had an estimated population of 2,780 with 11.2% (MOE +/- 8.3%) living below the poverty level (Table 26). Some other race and Hispanic or Latino had poverty estimates with a percentage increase of 5% or more when compared to the state and the county.

Census Tract 204.01 had an estimated population of 5,709 with 18.1% (MOE +/- 6.6%) living below the poverty level (Table 27). White, Black or African American, and two or more races had poverty estimates with a percentage increase of 5% or more when compared to the state and the county.

Census Tract 204.02 had an estimated population of 5,164 with 33.6% (MOE +/- 10.7%) living below the poverty level (Table 28). White, Black or African American, American Indian and Alaska Native, and Hispanic or Latino had poverty estimates with a percentage increase of 5% or more when compared to the state and the county.

Census Tract 310.01 had an estimated population of 3,472 with 32.8% (MOE +/- 12.0%) living below the poverty level (Table 29). White, Black or African American, American Indian and Alaska Native, some other race, two or more races, and Hispanic or Latino had poverty estimates with a percentage increase of 5% or more when compared to the state and the county.

Census Tract 310.02 had an estimated population of 4,082 with 11% (MOE +/- 5.3%) living below the poverty level (Table 30). Black or African American had poverty estimates with a percentage increase of 5% or more when compared to the state.

Table 25. Local Setting- Poverty

Subject	Census Tract 202.01					
	Total		Below poverty level		Percent below poverty level	
	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-
Population for whom poverty status is determined	3,133	576	320	246	10.2%	7.4
RACE AND HISPANIC OR LATINO ORIGIN						
White	2461.0	538.0	114.0	114.0	4.6%	4.8
Black or African American	428.0	344.0	153.0	188.0	35.7%	33.3
American Indian and Alaska Native	0.0	13.0	0.0	13.0	0.0%	NA
Asian	0.0	13.0	0.0	13.0	0.0%	NA
Native Hawaiian and Other Pacific Islander	0.0	13.0	0.0	13.0	0.0%	NA
Some other Race	73.0	113.0	0.0	13.0	0.0%	38.5
Two or more races	171.0	151.0	53.0	69.0	31.0%	34.4
Hispanic or Latino	149.0	136.0	0.0	13.0	0.0%	23.2
All individuals below:						
200 percent of poverty level	636.0	340.0				
<p>Source: US Census Data, 2020 5-year ACS estimates</p> <p>All bolded and orange highlighted cells indicate a percentage increase of 5% or more in the County compared to the State</p> <p>All bolded and blue highlighted cells indicate a percentage increase of 5% or more in the Census Tract or one-mile radius area when compared to the State and County</p> <p>All bolded and green highlighted cells indicate a percentage increase of 5% or more in the Census Tract or one-mile radius area compared to the County</p> <p>(X) indicates the Census Data are missing in the source data</p> <p>NA indicates too few samples were available to compute the statistic</p>						

Table 26. Local Setting - Poverty (cont'd)

Subject	Census Tract 203*					
	Total		Below poverty level		Percent below poverty level	
	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-
Population for whom poverty status is determined	2,780	446	311	230	11.2%	8.3
RACE AND HISPANIC OR LATINO ORIGIN						
White	2190.0	475.0	127.0	114.0	5.8%	5.2
Black or African American	401.0	137.0	70.0	105.0	17.5%	25.7
American Indian and Alaska Native	0.0	13.0	0.0	13.0	0.0%	NA
Asian	1.0	2.0	0.0	13.0	0.0%	100.0
Native Hawaiian and Other Pacific Islander	0.0	13.0	0.0	13.0	0.0%	NA
Some other Race	188.0	205.0	114.0	170.0	60.6%	57.7
Two or more races	0.0	13.0	0.0	13.0	0.0%	NA
Hispanic or Latino	542.0	334.0	159.0	174.0	29.3%	28.1
All individuals below:						
200 percent of poverty level	1395.0	427.0				
<p>Source: US Census Data, 2020 5-year ACS estimates *Facility is in this Census Tract</p> <p>All bolded and orange highlighted cells indicate a percentage increase of 5% or more in the County compared to the State All bolded and blue highlighted cells indicate a percentage increase of 5% or more in the Census Tract or one-mile radius area when compared to the State and County All bolded and green highlighted cells indicate a percentage increase of 5% or more in the Census Tract or one-mile radius area compared to the County</p>						

Table 27. Local Setting- Poverty (cont'd)

Subject	Census Tract 204.01					
	Total		Below poverty level		Percent below poverty level	
	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-
Population for whom poverty status is determined	5,709	578	1,034	408	18.1%	6.6
RACE AND HISPANIC OR LATINO ORIGIN						
White	3722.0	555.0	512.0	254.0	13.8%	6.6
Black or African American	1069.0	441.0	348.0	259.0	32.6%	19.5
American Indian and Alaska Native	0.0	19.0	0.0	19.0	0.0%	NA
Asian	7.0	16.0	0.0	19.0	0.0%	100.0
Native Hawaiian and Other Pacific Islander	0.0	19.0	0.0	19.0	0.0%	NA
Some other Race	803.0	466.0	102.0	84.0	12.7%	15.1
Two or more races	108.0	107.0	72.0	92.0	66.7%	45.2
Hispanic or Latino	2583.0	571.0	339.0	232.0	13.1%	9.0
All individuals below:						
200 percent of poverty level	3534.0	664.0				
Source: US Census Data, 2020 5-year ACS estimates						
All bolded and orange highlighted cells indicate a percentage increase of 5% or more in the County compared to the State						
All bolded and blue highlighted cells indicate a percentage increase of 5% or more in the Census Tract or one-mile radius area when compared to the State and County						
All bolded and green highlighted cells indicate a percentage increase of 5% or more in the Census Tract or one-mile radius area compared to the County						

Table 28. Local Setting- Poverty (cont'd)

Subject	Census Tract 204.02					
	Total		Below poverty level		Percent below poverty level	
	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-
Population for whom poverty status is determined	5,164	915	1,733	753	33.6%	10.7
RACE AND HISPANIC OR LATINO ORIGIN						
White	2573.0	634.0	1056.0	533.0	41.0%	14.6
Black or African American	1374.0	618.0	534.0	328.0	38.9%	12.7
American Indian and Alaska Native	9.0	15.0	9.0	15.0	100.0%	100.0
Asian	0.0	19.0	0.0	19.0	0.0%	NA
Native Hawaiian and Other Pacific Islander	0.0	19.0	0.0	19.0	0.0%	NA
Some other Race	760.0	435.0	64.0	97.0	8.4%	12.4
Two or more races	448.0	288.0	70.0	101.0	15.6%	23.3
Hispanic or Latino	2049.0	443.0	722.0	328.0	35.2%	14.4
All individuals below:						
200 percent of poverty level	3207.0	793.0				
Source: US Census Data, 2020 5-year ACS estimates						
All bolded and orange highlighted cells indicate a percentage increase of 5% or more in the County compared to the State						
All bolded and blue highlighted cells indicate a percentage increase of 5% or more in the Census Tract or one-mile radius area when compared to the State and County						
All bolded and green highlighted cells indicate a percentage increase of 5% or more in the Census Tract or one-mile radius area compared to the County						

Table 29. Local Setting - Poverty (cont'd)

Subject	Census Tract 310.01					
	Total		Below poverty level		Percent below poverty level	
	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-
Population for whom poverty status is determined	3,472	832	1,140	564	32.8%	12.0
RACE AND HISPANIC OR LATINO ORIGIN						
White	2468.0	617.0	614.0	247.0	24.9%	9.3
Black or African American	166.0	98.0	62.0	56.0	37.3%	27.8
American Indian and Alaska Native	69.0	82.0	19.0	21.0	27.5%	48.1
Asian	30.0	40.0	0.0	13.0	0.0%	60.1
Native Hawaiian and Other Pacific Islander	0.0	13.0	0.0	13.0	0.0%	NA
Some other Race	187.0	215.0	56.0	79.0	29.9%	19.0
Two or more races	552.0	447.0	389.0	429.0	70.5%	33.4
Hispanic or Latino	897.0	537.0	569.0	400.0	63.4%	23.4
All individuals below:						
200 percent of poverty level	1747.0	610.0				
Source: US Census Data, 2020 5-year ACS estimates						
All bolded and orange highlighted cells indicate a percentage increase of 5% or more in the County compared to the State						
All bolded and blue highlighted cells indicate a percentage increase of 5% or more in the Census Tract or one-mile radius area when compared to the State and County						
All bolded and green highlighted cells indicate a percentage increase of 5% or more in the Census Tract or one-mile radius area compared to the County						

Table 30. Local Setting - Poverty (cont'd)

Subject	Census Tract 310.02					
	Total		Below poverty level		Percent below poverty level	
	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-
Population for whom poverty status is determined	4082	468	451	228	11%	5.3
RACE AND HISPANIC OR LATINO ORIGIN						
White	3390.0	421.0	291.0	158.0	8.6%	4.6
Black or African American	610.0	273.0	152.0	107.0	24.9%	11.7
American Indian and Alaska Native	0.0	13.0	0.0	13.0	0.0%	NA
Asian	0.0	13.0	0.0	13.0	0.0%	NA
Native Hawaiian and Other Pacific Islander	0.0	13.0	0.0	13.0	0.0%	NA
Some other Race	36.0	41.0	0.0	13.0	0.0%	54.8
Two or more races	46.0	50.0	8.0	14.0	17.4%	37.0
Hispanic or Latino	274.0	202.0	3.0	7.0	1.1%	3.3
All individuals below:						
200 percent of poverty level	1559.0	434.0				
Source: US Census Data, 2020 5-year ACS estimates						
All bolded and orange highlighted cells indicate a percentage increase of 5% or more in the County compared to the State						
All bolded and blue highlighted cells indicate a percentage increase of 5% or more in the Census Tract or one-mile radius area when compared to the State and County						
All bolded and green highlighted cells indicate a percentage increase of 5% or more in the Census Tract or one-mile radius area compared to the County						

5.5 Household Income

Summary of Environmental Justice Indicators

1. Is there a percentage increase of 10% or more compared to the county or state for mean or median income?
 - Facility Area (1-mile radius): The facility area was not assessed because EJSscreen does not provide statistics on median or mean income.
 - Census tract 202.01: Median income is >10% higher compared to the state
Census tract 203: No
 - Census tract 204.01: No
 - Census tract 204.02: No
 - Census tract 310.01: No
 - Census tract 310.02: Median and mean income are >10% higher compared to the county.

Regional Setting

The following table (Table 31) was compiled using data from the Census Table S1901, Income in the Past 12 Months (in 2020 Inflation-Adjusted Dollars) 2020 American Community Survey 5-Year Estimates for North Carolina. The North Carolina household income range with the highest percent was for \$50,000 to \$74,999, at 18.0%. The state median household income was \$56,642 and the mean income was \$79,620.

The household income range for Chatham County with the highest percent was \$50,000 to \$74,999 at 15.8%. The median income was \$69,799 and the mean income was \$104,264, both over 10% higher compared to the state.

The household income range for Randolph County with the highest percent was \$50,000 to \$74,999 at 19.9%. The median income was \$48,984 and the mean income was \$62,117, both lower than that of the state. All of the household income ranges from \$10,000 to \$74,999 were greater than 10% higher when compared to the state.

Table 31. Regional Setting - Household Income

Subject	North Carolina		Chatham County*		Randolph County	
	Households		Households		Households	
	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-
Total	4,031,592	8,480	29,904	475	56,790	4,031,592
Less than \$10,000	6.2%	0.1	4.00%	1.1	6.40%	6.2
\$10,000 to \$14,999	4.8%	0.1	4.20%	1.1	5.40%	4.8
\$15,000 to \$24,999	9.7%	0.1	8.80%	1.2	11.80%	9.7
\$25,000 to \$34,999	10.0%	0.1	9.40%	2	11.70%	10.0
\$35,000 to \$49,999	13.6%	0.2	10.50%	1.5	15.90%	13.6
\$50,000 to \$74,999	18.0%	0.1	15.80%	1.8	19.90%	18.0
\$75,000 to \$99,999	12.6%	0.2	11.30%	1.6	12.50%	12.6
\$100,000 to \$149,999	13.7%	0.1	15.30%	1.7	11.20%	13.7
\$150,000 to \$199,999	5.4%	0.1	8.20%	1.3	3.50%	5.4
\$200,000 or more	6.0%	0.1	12.50%	1.4	1.80%	6.0
Median income (dollars)	56,642	280	69799	4161	48984	56,642
Mean income (dollars)	79,620	412	104264	4985	62,117	79,620

Source: US Census, 2020 ACS 5-Year Estimates.

*Facility is in this County

All **bolded and orange** highlighted cells indicate a percentage increase of 10% or more in the County compared to the State

All **bolded and blue** highlighted cells indicate a percentage increase or decrease of 10% or more in the Census Tract or one-mile radius area when compared to the State and County

All **bolded and green** highlighted cells indicate a percentage increase or decrease of 10% or more in the Census Tract or one-mile radius area compared to the County

Local Setting

The household income range for the project area (one-mile radius) with the highest percent was \$25,000-\$50,000 at 34%. EJSCREEN data provides different income ranges that cannot be readily compared in the same manner to U.S. census data.

The household income range for Census Tract 202.01 with the highest percent was \$50,000 to \$74,999 at 26.8% (MOE +/- 12.1%) (Table 32). The median income was \$64,601 and the mean income was \$78,643. The income ranges <\$10,000 up to \$199,999 had varying degrees of difference compared to the state and the county (Table XX).

The household income range for Census Tract 203 with the highest percent was \$50,000 to \$74,999 at 25.5% (MOE +/- 11.6%) (Table 32). The median income was \$53,510 and the mean income was \$61,595. The income ranges less than \$10,000 to \$34,999 had a greater than 10% difference when compared to the county and the state. The income range \$50,000 to \$74,999 was at least 10% higher when compared to the state.

The household income range for Census Tract 204.01 with the highest percent was \$35,000 to \$49,999 at 19.2% (MOE +/- 8%) (Table 33). The median income was \$40,868 and the mean income was \$54,100. The income ranges less than \$10,000; \$15,000 to \$49,999 were at least 10% higher when compared to the county and the state.

The household income range for Census Tract 204.02 with the highest percent was \$50,000 to \$74,999 at 16.8% (MOE +/- 7.1%) (Table 33). The median income was \$32,622 and the mean income was \$60,902. The income ranges \$10,000 to \$49,999 were at least 10% higher when compared to the county and the state.

The household income range for Census Tract 310.01 with the highest percent was \$35,000 to \$49,999 at 18.1% (MOE +/- 7.5%) (Table 34). The median income was \$41,039 and the mean income was \$50,027. The income ranges \$10,000 to \$49,999 were at least 10% higher when compared to the county and the state.

The household income range for Census Tract 310.02 with the highest percent was \$50,000 to \$74,999 at 30.5% (MOE +/- 8.8%) (Table 34). The median income was \$53,248 and the mean income was \$78,060. The income ranges \$10,000 to \$14,999; \$25,000 to \$34,999; \$50,000 to \$74,999 were at least 10% higher when compared to the county and the state. Income range over \$200,000 was greater than 10% higher compared to the county.

Table 32. Local Setting - Household Income

Subject	Census Tract 202.01		Census Tract 203*	
	Households		Households	
	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-
Total	1,286	263	998	136
Less than \$10,000	4.7%	4.2	1.9%	2
\$10,000 to \$14,999	5.4%	6.4	5.7%	5.1
\$15,000 to \$24,999	0.7%	1.2	13.0%	6.4
\$25,000 to \$34,999	12.4%	6.9	14.4%	6.9
\$35,000 to \$49,999	9.3%	5.2	10.9%	6.3
\$50,000 to \$74,999	26.8%	12.1	25.5%	11.6
\$75,000 to \$99,999	20.1%	8.3	8.5%	4.5
\$100,000 to \$149,999	10.7%	6.5	16.8%	7.7
\$150,000 to \$199,999	7.4%	5.6	2.4%	2.3
\$200,000 or more	2.4%	3.1	0.8%	1.2
Median income (dollars)	64,601	6,042	53,510	7,332
Mean income (dollars)	78,643	11,603	61,595	7,021

Source: US Census, 2020 ACS 5-Year Estimates.
*Facility in this Census Tract
All **bolded and orange** highlighted cells indicate a percentage increase of 10% or more in the County compared to the State
All **bolded and blue** highlighted cells indicate a percentage increase or decrease of 10% or more in the Census Tract or one-mile radius area when compared to the State and County
All **bolded and green** highlighted cells indicate a percentage increase or decrease of 10% or more in the Census Tract or one-mile radius area compared to the County

Table 33. Local Setting - Household Income (cont'd)

Subject	Census Tract 204.01		Census Tract 204.02	
	Households		Households	
	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-
Total	2,071	231	1,972	2,071
Less than \$10,000	7.4%	4.6	2.9%	7.4
\$10,000 to \$14,999	3.4%	3	11.3%	3.4
\$15,000 to \$24,999	18.1%	7.4	15.3%	18.1
\$25,000 to \$34,999	14.1%	6.7	22.6%	14.1
\$35,000 to \$49,999	19.2%	8	15.1%	19.2
\$50,000 to \$74,999	16.1%	5.8	16.8%	16.1
\$75,000 to \$99,999	9.2%	4.1	5.1%	9.2
\$100,000 to \$149,999	7.9%	4.6	8.7%	7.9
\$150,000 to \$199,999	1.4%	1.7	0.0%	1.4
\$200,000 or more	3.2%	3.9	2.3%	3.2
Median income (dollars)	40,868	7,418	32,622	40,868
Mean income (dollars)	54,100	8,418	60,902	54,100

Source: US Census, 2020 ACS 5-Year Estimates.

All **bolded and orange** highlighted cells indicate a percentage increase of 10% or more in the County compared to the State

All **bolded and blue** highlighted cells indicate a percentage increase or decrease of 10% or more in the Census Tract or one-mile radius area when compared to the State and County

All **bolded and green** highlighted cells indicate a percentage increase or decrease of 10% or more in the Census Tract or one-mile radius area compared to the County

Table 34. Local Setting - Household Income (cont'd)

Subject	Census Tract 310.01		Census Tract 310.02	
	Households		Households	
	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-
Total	1,167	253	1,636	146
Less than \$10,000	17.4%	14.1	6.4%	4.4
\$10,000 to \$14,999	2.4%	1.4	8.4%	4.8
\$15,000 to \$24,999	16.6%	8.9	9.0%	5.2
\$25,000 to \$34,999	7.9%	4	14.4%	7.3
\$35,000 to \$49,999	18.1%	7.5	6.2%	3.1
\$50,000 to \$74,999	14.1%	7.5	30.5%	8.8
\$75,000 to \$99,999	5.4%	3.6	9.2%	5.4
\$100,000 to \$149,999	15.5%	12.5	9.4%	4.3
\$150,000 to \$199,999	1.8%	2.2	2.4%	3.3
\$200,000 or more	0.8%	1.2	4.0%	5.2
Median income (dollars)	41,039	10,292	53,248	3,991
Mean income (dollars)	50,027	11,141	78,060	39,299

Source: US Census, 2020 ACS 5-Year Estimates.

All **bolded and orange** highlighted cells indicate a percentage increase of 10% or more in the County compared to the State

All **bolded and blue** highlighted cells indicate a percentage increase or decrease of 10% or more in the Census Tract or one-mile radius area when compared to the State and County

All **bolded and green** highlighted cells indicate a percentage increase or decrease of 10% or more in the Census Tract or one-mile radius area compared to the County

6 Limited English Proficiency (LEP)

Summary of Environmental Justice Indicators

1. Is there at least 5% of the population or 1000 people who speak English less than very well?
 - Facility Area (1-mile radius): Yes, 11% (Spanish)
 - Census tract 202.01: No
 - Census tract 203: Yes, 7.2% (Spanish)
 - Census tract 204.01: Yes, 18.7% (Spanish)
 - Census tract 204.02: Yes, 17.7% (Spanish)
 - Census tract 310.01: Yes, 8.9% (Spanish)
 - Census tract 310.02: No.

Per the Safe Harbor Guidelines, should an LEP Group be identified during the permit application process, written translations of vital documents for each eligible LEP language group that constitutes 5% or includes 1,000 members (whichever is less) of the population of persons eligible to be served or likely to be affected or encountered. If there are fewer than 50 persons in a language group that reaches the 5% threshold, then DEQ will not translate vital written materials, but instead will provide written notice in the primary language of the LEP language group of the right to receive competent oral interpretation of those written materials, free of cost. The safe harbor provisions apply to the translation of written documents only. Safe harbor guidelines are based on EPA guidance for LEP persons and implemented by DEQ when deemed appropriate.

Table 35. Regional Setting- Limited English Proficiency

Language Spoken at Home	North Carolina				Chatham County*			
	Number		Percent		Number		Percent	
	Estimate	MOE +/-	Estimate	MOE +/-	Estimate	MOE +/-	Estimate	MOE +/-
Total (population 5 years and over):	9,780,928	±893	(X)	(X)	69,375	±5	(X)	(X)
Speak a language other than English	8,625,292	±9,068	88.20%	±0.1	59,851	±711	86.30%	±1.0
Speak only English	1,155,636	±9,054	11.80%	±0.1	9,524	±711	13.70%	±1.0
Speak Spanish	736,886	±6,694	7.50%	±0.1	7,787	±531	11.20%	±0.8
Speak Other Indo-European Language	182,659	±5,181	1.90%	±0.1	962	±300	1.40%	±0.4
Speak Asian and Pacific Island languages	169,745	±4,037	1.70%	±0.1	720	±206	1.00%	±0.3
Other Language	66,346	±4,189	0.70%	±0.1	55	±44	0.10%	±0.1
Speak English Less than Very Well	434577.00	6049.00	4.40%	±0.1	3470.00	±549	5.00%	0.80

Source: US Census, 2020 ACS 5-Year Estimates.

*Facility is located in this County

All **bolded and orange** highlighted cells indicate a percentage increase of 5% or more in the County compared to the State

Table 36. Regional Setting- Limited English Proficiency

Language Spoken at Home	North Carolina				Randolph County			
	Number		Percent		Number		Percent	
	Estimate	MOE +/-	Estimate	MOE +/-	Estimate	MOE +/-	Estimate	MOE +/-
Total (population 5 years and over):	9,780,928	±893	(X)	(X)	135,374	±143	(X)	(X)
Speak a language other than English	8,625,292	±9,068	88.20%	±0.1	119,222	±654	88.10%	±0.5
Speak only English	1,155,636	±9,054	11.80%	±0.1	16,152	±639	11.90%	±0.5
Speak Spanish	736,886	±6,694	7.50%	±0.1	14,280	±566	10.50%	±0.4
Speak Other Indo-European Language	182,659	±5,181	1.90%	±0.1	879	±303	0.60%	±0.2
Speak Asian and Pacific Island languages	169,745	±4,037	1.70%	±0.1	811	±222	0.60%	±0.2
Other Language	66,346	±4,189	0.70%	±0.1	182	±130	0.10%	±0.1
Speak English Less than Very Well	434577.00	6049.00	4.40%	±0.1	6347.00	±593	4.70%	0.40

Source: US Census, 2020 ACS 5-Year Estimates.

All **bolded and orange** highlighted cells indicate a percentage increase of 5% or more in the County compared to the State

Table 37. Limited English Proficiency

Language Spoken at Home	Facility area (one-mile radius)		
	Number		Percent
	Estimate	MOE +/-	Estimate
Total (population 5 years and over):	1,827	698	100%
Speak only English	1,400	930	67%
Speak Spanish	678	452	33%
Speak Other Indo-European Language	0	0	NA
Speak Asian and Pacific Island languages	0	0	NA
Other Language	0	0	NA
Speak English Less than Very Well	196	169	11%

Source: EJSscreen US Census, 2016- 2020 ACS

All **bolded and orange** highlighted cells indicate a percentage increase of 5% or more in the County compared to the State

All **bolded and blue** highlighted cells indicate a percentage increase or decrease of 5% or more in the Census Tract or one-mile radius area when compared to the State and County

All **bolded and green** highlighted cells indicate a percentage increase or decrease of 5% or more in the Census Tract or one-mile radius area compared to the County

Table 38. Limited English Proficiency

Language Spoken at Home	Census Tract 202.01			
	Number		Percent	
	Estimate	MOE +/-	Estimate	MOE +/-
Total (population 5 years and over):	3,040	±561	(X)	(X)
Speak a language other than English	2,810	±522	92.4%	±5.9
Speak only English	230	±188	7.6%	±5.9
Speak Spanish	135	±118	4.4%	±3.7
Speak Other Indo-European Language	95	±142	3.1%	±4.6
Speak Asian and Pacific Island languages	0	±13	0%	±1.3
Other Language	0	±13	0%	±1.3
Speak English Less than Very Well	41	±46	1.3%	±1.5

Source: US Census, 2020 ACS 5-Year Estimates.
 All **bolded and orange** highlighted cells indicate a percentage increase of 5% or more in the County compared to the State
 All **bolded and blue** highlighted cells indicate a percentage increase or decrease of 5% or more in the Census Tract or one-mile radius area when compared to the State and County
 All **bolded and green** highlighted cells indicate a percentage increase or decrease of 5% or more in the Census Tract or one-mile radius area compared to the County

Table 39. Limited English Proficiency (cont'd)

Language Spoken at Home	Census Tract 203				Census Tract 204.01			
	Number		Percent		Number		Percent	
	Estimate	MOE +/-	Estimate	MOE +/-	Estimate	MOE +/-	Estimate	MOE +/-
Total (population 5 years and over):	2488	±351	(X)	(X)	5536	±577	(X)	(X)
Speak a language other than English	2092	±317	84.1%	±10.3	2945	±522	53.2%	±8.6
Speak only English	396	±280	15.9%	±10.3	2591	±587	46.8%	±8.6
Speak Spanish	395	±280	15.9%	±10.3	2587	±588	46.7%	±8.7
Speak Other Indo-European Language	0	±13	0%	±1.6	0	±19	0%	±0.7
Speak Asian and Pacific Island languages	1	±2	0%	±0.1	4	±7	0.1%	±0.1
Other Language	0	±13	0%	±1.6	0	±19	0%	±0.7
Speak English Less than Very Well	178	±116	7.2%	4.3	1036	±351	18.7%	±5.7

Source: US Census, 2020 ACS 5-Year Estimates.
 All **bolded and orange** highlighted cells indicate a percentage increase of 5% or more in the County compared to the State
 All **bolded and blue** highlighted cells indicate a percentage increase or decrease of 5% or more in the Census Tract or one-mile radius area when compared to the State and County
 All **bolded and green** highlighted cells indicate a percentage increase or decrease of 5% or more in the Census Tract or one-mile radius area compared to the County

Table 40. Limited English Proficiency (cont'd)

Language Spoken at Home	Census Tract 204.02			
	Number		Percent	
	Estimate	MOE +/-	Estimate	MOE +/-
Total (population 5 years and over):	5,009	±903	(X)	(X)
Speak a language other than English	3,055	±930	61%	±10.8
Speak only English	1,954	±452	39%	±10.8
Speak Spanish	1,954	±452	39%	±10.8
Speak Other Indo-European Language	0	±19	0%	±0.8
Speak Asian and Pacific Island languages	0	±19	0%	±0.8
Other Language	0	±19	0%	±0.8
Speak English Less than Very Well	885	±298	17.7%	±6.7

Source: US Census, 2020 ACS 5-Year Estimates.
 All **bolded and orange** highlighted cells indicate a percentage increase of 5% or more in the County compared to the State
 All **bolded and blue** highlighted cells indicate a percentage increase or decrease of 5% or more in the Census Tract or one-mile radius area when compared to the State and County
 All **bolded and green** highlighted cells indicate a percentage increase or decrease of 5% or more in the Census Tract or one-mile radius area compared to the County

Table 41. Limited English Proficiency (cont'd)

Language Spoken at Home	Census Tract 310.01				Census Tract 310.02			
	Number		Percent		Number		Percent	
	Estimate	MOE +/-	Estimate	MOE +/-	Estimate	MOE +/-	Estimate	MOE +/-
Total (population 5 years and over):	3,198	699	(X)	(X)	3976	471	(X)	(X)
Speak a language other than English	2,601	618	81.3%	±9.8	3790	455	95%	±4.1
Speak only English	597	354	18.7%	±9.8	186	167	5%	±4.1
Speak Spanish	566	355	17.7%	±9.8	87	82	2%	±2
Speak Other Indo-European Language	20	29	0.6%	±0.9	99	150	2.5%	±3.7
Speak Asian and Pacific Island languages	11	18	0.3%	±0.6	0	13	0%	±1
Other Language	0	13	0%	±1.2	0	13	0%	±1
Speak English Less than Very Well	285	246	8.9%	±7.2	68	76	1.7%	±1.9

Source: US Census, 2020 ACS 5-Year Estimates.

All **bolded and orange** highlighted cells indicate a percentage increase of 5% or more in the County compared to the State

All **bolded and blue** highlighted cells indicate a percentage increase or decrease of 5% or more in the Census Tract or one-mile radius area when compared to the State and County

All **bolded and green** highlighted cells indicate a percentage increase or decrease of 5% or more in the Census Tract or one-mile radius area compared to the County

7 Educational Attainment

Regional Setting

The following data was obtained through the US Census Bureau Table S1501, American Community Survey 2020 5-Year Estimates. Chatham County had higher percent of the population with a Bachelor's degree or higher compared to the state (Table 42). Randolph County had higher percentages of individuals who had attained a less than 9th grade, 9th to 12th grade, no diploma, and high school graduate (includes equivalency) when compared to the state (Table 43).

Table 42. Regional Setting- Educational Attainment (above 25 years old)

Subject	North Carolina				Chatham County*			
	Number		Percent		Number		Percent	
	Estimate	MOE +/-	Estimate	MOE +/-	Estimate	MOE +/-	Estimate	MOE +/-
Total Above 25	7,096,773	1,493	(X)	(X)	53,820	172	(X)	(X)
Less than 9th Grade	301,823	5,184	4.5%	0.1	2,522	410	4.7%	0.8
9th to 12th grade, no diploma	513,393	7,840	7.7%	0.1	3,331	442	6.2%	0.8
High school graduate (includes equivalency)	1,806,403	11,352	25.7%	0.2	10,623	735	19.7%	1.4
Bachelor's degree or higher	2,273,890	16,159	31.3%	0.2	23,516	965	43.7%	1.8

Source: US Census, 2020 ACS 5-Year Estimates.
*Facility located in this County
All **bolded and orange** highlighted cells indicate a percentage increase of 10% or more in the County compared to the State

Table 43. Regional Setting- Educational Attainment (above 25 years old) (cont'd)

Subject	Randolph County			
	Number		Percent	
	Estimate	MOE +/-	Estimate	MOE +/-
Total Above 25	99,703	79	(X)	(X)
Less than 9th Grade	6,045	796	6.1%	0.8
9th to 12th grade, no diploma	10,948	969	11%	1
High school graduate (includes equivalency)	34,295	1,331	34.4%	1.3
Bachelor's degree or higher	16,071	961	16.1%	1

Source: US Census, 2020 ACS 5-Year Estimates.
All **bolded and orange** highlighted cells indicate a percentage increase of 10% or more in the County compared to the State.

Local Setting

The following data was obtained through the US Census Bureau Table S1501, American Community Survey 2020 5-year Estimates.

Census Tracts 202.01, 203, 204.01 had a higher percentage of individuals who had less than 9th grade, 9th to 12th grade (no diploma), and high school graduate when compared to the county and state and county. (Table 44, 45).

Census Tract 204.02 had a higher percentage of individuals who had less than 9th grade and 9th to 12th grade (no diploma) compared to the state and county (Table 45).

Census Tracts 310.01 and 310.02 had a higher percentage of individuals who had less than 9th grade and 9th to 12th grade (no diploma) compared to the state and the county. The census tracts also had a higher percentage of individuals who had high school graduate when compared to the state (Table 46).

Table 44. Local Setting- Educational Attainment (above 25 years old)

Subject	Census Tract 202.01				Census Tract 203*			
	Number		Percent		Number		Percent	
	Estimate	MOE +/-	Estimate	MOE +/-	Estimate	MOE +/-	Estimate	MOE +/-
Total Above 25	2306	447	(X)	(X)	1,925	239	(X)	(X)
Less than 9th Grade	168	137	7.3%	6	152	107	7.9%	7.9
9th to 12th grade, no diploma	203	118	8.8%	5.2	165	84	8.6%	8.6
High school graduate (includes equivalency)	825	257	35.8%	7.7	548	143	28.5%	28.5
Bachelor's degree or higher	174	70	7.5%	3.5	454	166	23.6%	23.6

Source: US Census, 2020 ACS 5-Year Estimates.

*Facility located in this Census Tract

All **bolded and orange** highlighted cells indicate a percentage increase of 10% or more in the County compared to the State

All **bolded and blue** highlighted cells indicate a percentage increase or decrease of 10% or more in the Census Tract or one-mile radius area when compared to the State and County

All **bolded and green** highlighted cells indicate a percentage increase or decrease of 10% or more in the Census Tract or one-mile radius area compared to the County

Table 45. Local Setting- Educational Attainment (above 25 years old) (cont'd)

Subject	Census Tract 204.01				Census Tract 204.02			
	Number		Percent		Number		Percent	
	Estimate	MOE +/-	Estimate	MOE +/-	Estimate	MOE +/-	Estimate	MOE +/-
Total Above 25	3656	409	(X)	(X)	3,610	892	(X)	(X)
Less than 9th Grade	601	248	16.4%	6.2	535	154	14.8%	5.9
9th to 12th grade, no diploma	428	202	11.7%	5.4	698	321	19.3%	6.4
High school graduate (includes equivalency)	1156	326	31.6%	7.9	837	247	23.2%	8.3
Bachelor's degree or higher	631	179	17.3%	4.8	331	175	9.2%	4.9

Source: US Census, 2020 ACS 5-Year Estimates.
 All **bolded and orange** highlighted cells indicate a difference that is greater than 10% when compared to the State.
 All **bolded and blue** highlighted cells indicate a difference that is greater than 10% when compared to the State and the county.
 All **bolded and green** highlighted cells indicate a difference that is greater than 10% when compared to the county.

Table 46. Local Setting-Educational Attainment (above 25 years old) (cont'd)

Subject	Census Tract 310.01				Census Tract 310.02			
	Number		Percent		Number		Percent	
	Estimate	MOE +/-	Estimate	MOE +/-	Estimate	MOE +/-	Estimate	MOE +/-
Total Above 25	2,369	566	(X)	(X)	3,011	342	(X)	(X)
Less than 9th Grade	229	166	9.7%	6.9	232	120	7.7%	3.9
9th to 12th grade, no diploma	338	178	14.3%	8.3	414	138	13.7%	4.5
High school graduate (includes equivalency)	873	377	36.9%	9.4	944	273	31.4%	7.9
Bachelor's degree or higher	185	82	7.8%	3.3	485	175	16.1%	5.5

Source: US Census, 2020 ACS 5-Year Estimates.
 All **bolded and orange** highlighted cells indicate a difference that is greater than 10% when compared to the State.
 All **bolded and blue** highlighted cells indicate a difference that is greater than 10% when compared to the State and the county.
 All **bolded and green** highlighted cells indicate a difference that is greater than 10% when compared to the county.

Table 47. Local Setting-Educational Attainment (above 25 years old)(cont'd)

Subject	Census Tract 204.02				1-Mile Radius		
	Number		Percent		Estimate	Percent	MOE +/-
	Estimate	MOE +/-	Estimate	MOE +/-			
Total Above 25	3,610	892	(X)	(X)	1,347	100%	698
Less than 9th Grade	535	154	14.8%	5.9	162	12%	160
9th to 12th grade, no diploma	698	321	19.3%	6.4	167	12%	242
High school graduate (includes equivalency)	837	247	23.2%	8.3	341	25%	220
Some College (no degree) or Associate Degree	NA	NA	NA	NA	469	35%	NA
Bachelor's degree or higher	331	175	9.2%	4.9	208	15%	118

Source: US Census, 2020 ACS 5-Year Estimates.

All **bolded and orange** highlighted cells indicate a difference that is greater than 10% when compared to the State.

All **bolded and blue** highlighted cells indicate a difference that is greater than 10% when compared to the State and the county.

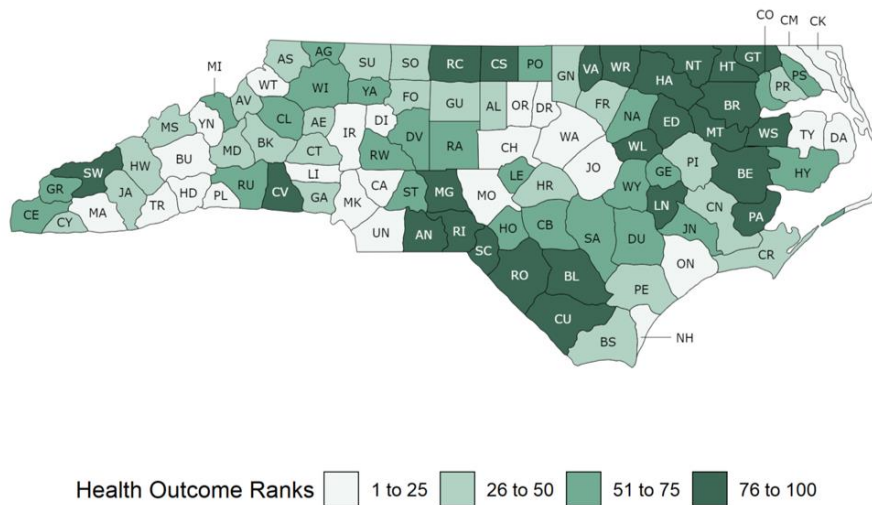
All **bolded and green** highlighted cells indicate a difference that is greater than 10% when compared to the county.

8 County Health

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 ranking is based on health outcomes (such as lifespan and self-reported health status) and health factors (such as environmental, social, and economic conditions).

According to this 2022 report, out of all 100 counties in North Carolina (with 1 indicating the healthiest), **Chatham County ranks 11th in health outcomes and 3rd in health factors. Randolph County ranks 65th in both health outcomes and health factors.**

2022 Health Outcomes – North Carolina



2022 Health Factors – North Carolina

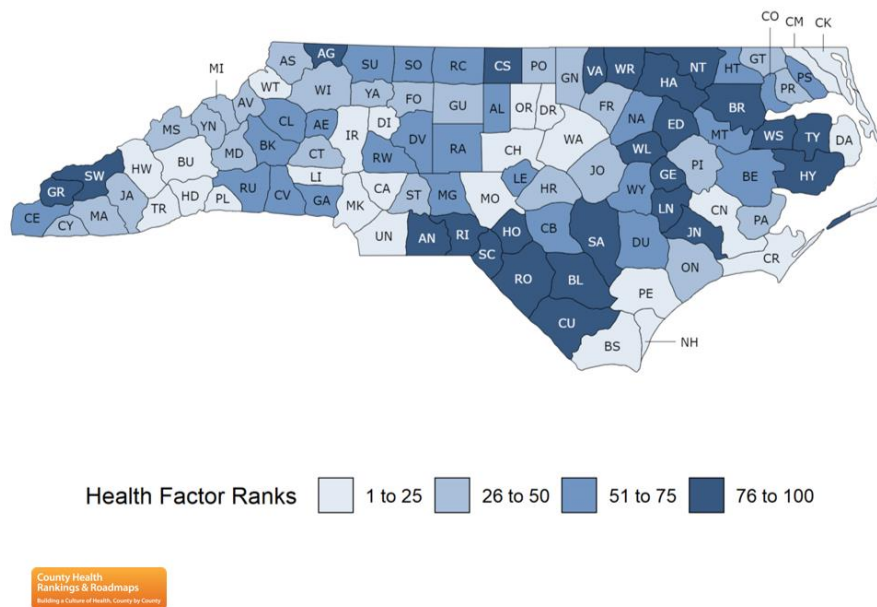


Figure 2. County Health Rankings for Health Factors in North Carolina provided by University of Wisconsin Public Health Institute.

According to the NC Department of Health and Human Services (DHHS) NC Health Trends map,⁷ the health outcomes for causes of death were lower in Chatham County and higher in Randolph County compared to the state (Table 48).

Table 48. Health Outcomes

<i>Cause of Death</i>	Randolph County Age-Adjusted Death Rate/100,000 People 2011- 2015	Chatham County Age-Adjusted Death Rate/100,000 People 2011-2015	North Carolina Age-Adjusted Death Rate/100,000 People 2011-2015
Lung Cancer	56.9	36.1	48.9
Heart Disease	184.4	112.4	163.7
Stroke Death Rate	45.7	35.3	43.1
Cardiovascular Disease	244.0	155.1	221.9
Diabetes	22.9	19.2	22.8

Source: NC Statewide and County Trends in Key Health Indicators, NC DHHS

⁷ NC DHHS NC Health Trends map:
<https://nc.maps.arcgis.com/apps/MapSeries/index.html?appid=7234a5a1778248688d0c666fa2ba27d0>
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9 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 the facility location, the following sensitive receptors were identified (Figure 3):

- Moons Chapel Baptist Cemetery
- Jordan Grove AME Zion Cemetery
- Unity Powerhouse Cemetery
- Zion Methodist Cemetery
- Siler City Elementary School
- Siler City Pentecostal Holiness Church
- Pentecostal Victory Temple
- Watson's Day care Home
- West Siler Solar Farm
- Iglesia De Dios
- Mona's Kiddie Care
- Community Baptist Church
- Community Baptist Cemetery
- Chatham Charter School
- Mount Calvary Holiness Church
- Loves Creek Hispanic Baptist Church

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

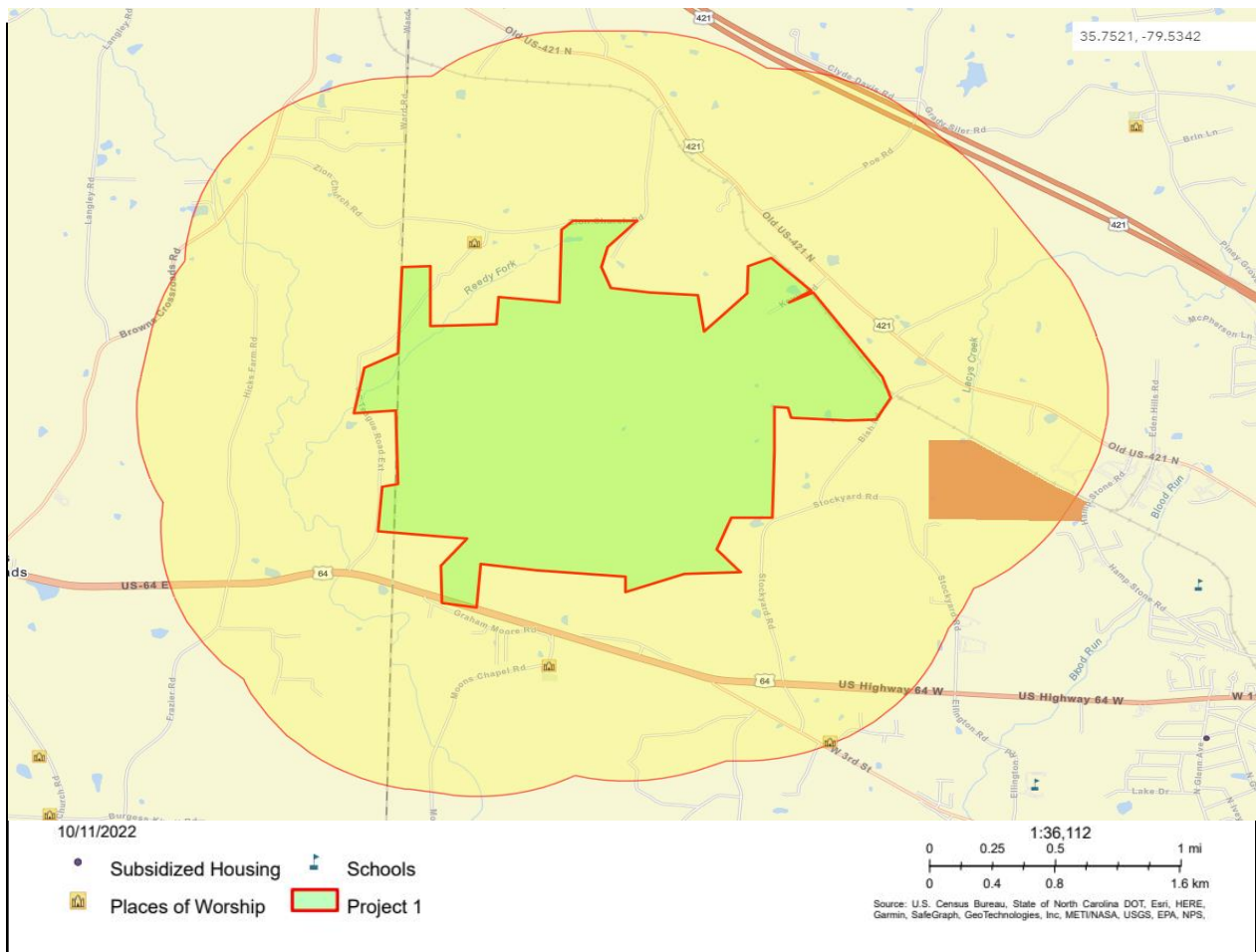


Figure 3. Sensitive receptors surrounding the proposed facility.

10 Local Industrial Sites

According to the NC CMS/EJ Tool, within the one-mile radius of the facility, there are 11 permits and 10 incidents (Figure 4). The DEQ Community Mapping System was accessed April 4, 2023.

- 1 Air Quality Permit Site
- 1 NPDES Wastewater Treatment Facility
- 1 Animal Feed Operation Facility (6 Animal Feed Operation Permits)
- 5 Underground Storage Tank Incidents
- 5 Above Ground Storage Tank Incidents
- 2 Underground Storage Tank Active Facilities
- 1 NPDES Stormwater Permit

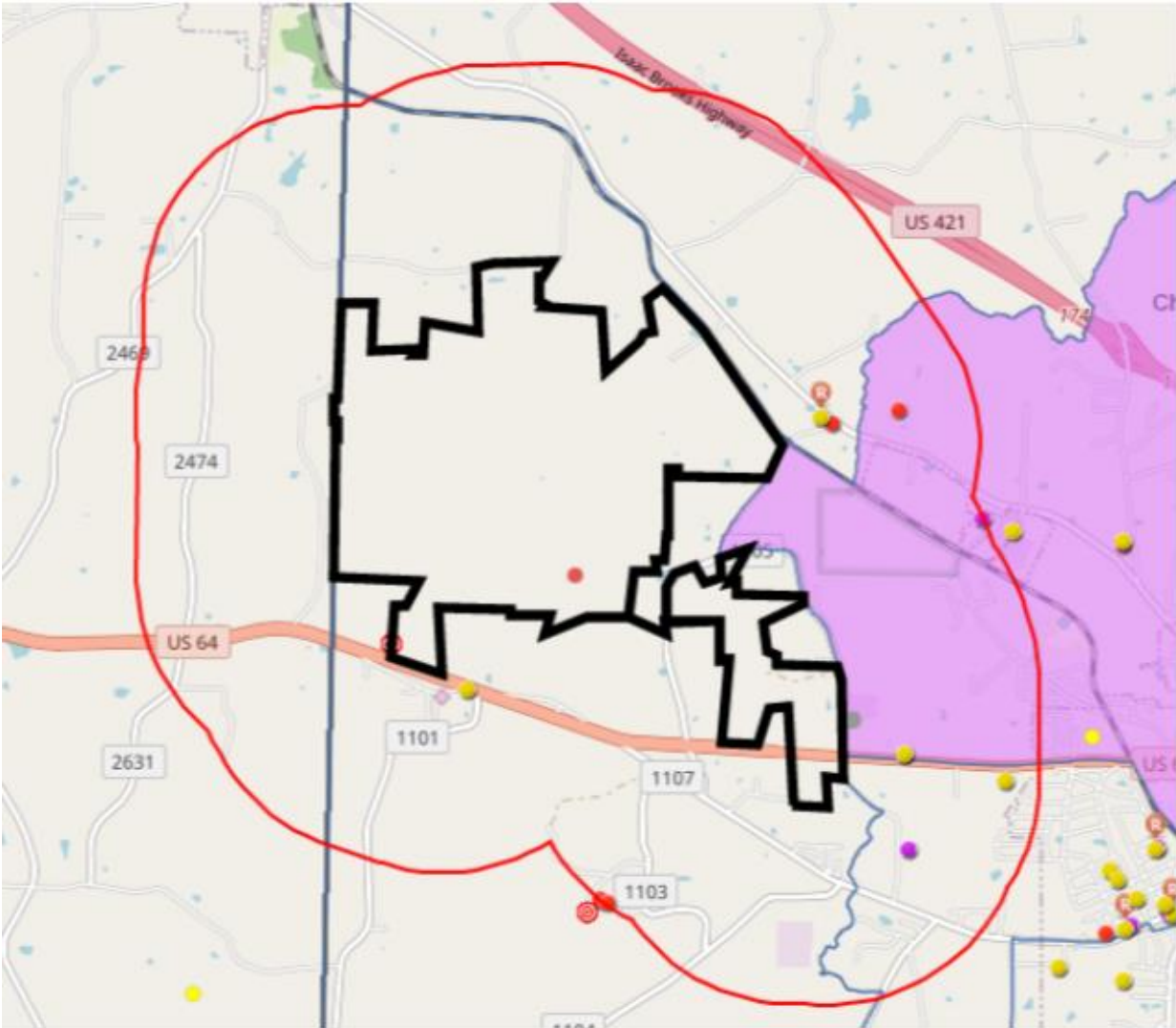


Figure 4. Permitted facilities and incidents within the one-mile radius surrounding the facility (see DEQ Community Mapping System).

11 Conclusion

Environmental justice is 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, and policies (US EPA).

Limitations: It is important to keep in mind that based on the available data, the following limitations of this report: census data is from 2020 (except for 2010 for age & sex) —and may be outdated; the American Community Survey data through 2020 are estimates; EJSCREEN does not provide all of the data categories that were used in this analysis so the census tract and county data cannot be compared to the radius used surrounding the facility boundary for all criteria; census tracts can still be large areas and do not allow for exact locations of each population; and the smaller the population the larger the margin of error such that it is not clear whether there are or are not significant differences at the census tract compared to county and state geographic scales. As such, the Department uses best estimates and cannot determine exact demographic or socioeconomic information within a one-mile radius around the facility.

Summary: The Department assessed the available demographic and socioeconomic data of the community surrounding the Wolfspeed facility regarding its permit application.

- **Potentially Underserved Community:** The site is located within one mile of a block group identified as potentially underserved based on NC DEQ's definition⁸ (see Figure 4). DEQ recommends consulting the Enhanced Engagement Methods to Reach Underserved Communities section of DEQ's Public Participation Plan.⁹
- **Poverty:** Two of the six census tracts which the facility's area (one-mile radius) intersects include a population experiencing poverty (>20% poverty).
- **Race/Ethnicity:** All six census tracts which the facility's area (one-mile radius) intersects has a minority population for which there is a percentage increase of 10% or more compared to the county and/or state. Additionally, Hispanic or Latino (of any race) population is greater than 50% in two of the census tracts.
- **Tribe:** A recognized Tribe of North Carolina does not reside in Chatham or Randolph County.
- **Limited English Proficiency:** The site is in an area with limited English proficiency (Spanish) because four of six census tracts have a population (> 1000 people and > 5%) which speaks English less than very well. DEQ recommends any company and any state or local government consult DEQ's

⁸ ¹ *Racial composition:* Share of nonwhites is over fifty percent OR Share of nonwhites is at least ten percent higher than county or state share. AND *Poverty rate:* Share of population experiencing poverty is over twenty percent AND Share of households in poverty is at least five percent higher than the county or state share.

⁹ DEQ 2022 Public Participation Plan: <https://deq.nc.gov/ej/deq-public-participation-plan-2022-update/download?attachment>

Limited English Proficiency Language Access Plan¹⁰ and conduct outreach in both English and Spanish.

- **Cumulative Impact Potential:** There are 11 existing permits and 10 incidents within one mile of the site that could contribute to cumulative impacts to sensitive receptors within and outside the one-mile buffer.

Based on this EJ Report, the following outreach was conducted:

- A public notice press release of the permit and public comment period in English and Spanish were published on the NC DEQ website and in the Chatham News and Record newspapers.
- Notification of the public comment period was posted on social media in English and Spanish.
- A one-page flyer was generated in both English and Spanish.
- A fact sheet on the permit was generated in both English and Spanish.
- Press release and fact sheets were shared with sensitive receptors.
- Translated press release and fact sheets were shared with NC DEQ's Internal Translation Team contacts.
- Press release and fact sheets were shared with the Town of Siler City and Chatham County.
- Known community leaders were contacted for additional outreach options.
- NC DEQ provided a call-in option for people to leave comments on a voicemail line for English- and Spanish-speakers.
- An updated press release with notification of a public comment period extension to May 28th was posted on the NC DEQ website and shared with known community leaders.

¹⁰ DEQ 2022 Language Access Plan: <https://deq.nc.gov/ej/limited-english-proficiency-plan/download>
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