



DUKE ENERGY PROGRESS LLC-
CAPE FEAR FACILITY
ENVIRONMENTAL JUSTICE ANALYSIS

PRESENTED BY: N.C. DEPARTMENT OF ENVIRONMENTAL QUALITY

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1 Introduction

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). This final report examines the demographic and environmental conditions in Chatham and Lee counties, as well as census tracts, and the 1.5-mile radius around the property boundary of the Cape Fear STAR® Facility. Finally, the demographics of the entire state of North Carolina are also considered as they relate to both the county and local census tract and radius settings.

In 1923, Duke Energy began commercially operating the coal-fired Cape Fear STAR® Facility just outside of Moncure, North Carolina. The plant retired in 2012 and was demolished in 2017. Located in Chatham County, right on the border of Lee County, the old plant site contains five ash ponds. Duke Energy has submitted a permit application to NCDEQ to build a staged turbulent air reactor (STAR®) facility coal ash beneficiation plant. The purpose of this plant (pursuant to statute § 130A-309.216 passed by the North Carolina legislature in 2015) is to reduce the carbon content of fly ash to an acceptable level to prepare for use in the concrete market.

2 Environmental Justice Evaluation

The North Carolina Department of Environmental Quality (NCDEQ) has assessed the potential impact on communities surrounding the proposed facility. This assessment included evaluation of both construction and operation of new emission sources and control devices to process fly ash (a byproduct of coal power plants) into a commercial product that can be added to Portland cement in concrete mixes to improve workability, increase durability, and lower permeability at the Cape Fear STAR® Facility in Moncure. The assessment of potential impacts included:

- Review of a Permit Application and draft permit for construction of beneficiation facility
- Potential Emissions from the STAR System (Process Flow Diagram is included as Appendix B)
- Facility-Wide Air Toxics
- Modeled Emissions Rates
- Study of area demographics determined by utilizing the EPA Environmental Justice tool (EJSCREEN) <https://ejscreen.epa.gov/mapper/>, the NCDEQ Community Mapping System and EJ Tool (Appendix C) and current, available census data. Demographic terms used throughout this report as described by the U.S. Census Bureau, [LEP.gov](http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml), and EJSCREEN are defined in Appendix A. <http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml> Census data from the U.S. Census Bureau and EJSCREEN websites are provided in Appendix B.
- Comparison of project area demographics to State and county-level census data
- Inclusion of demographic data along transportation route
- A site visit to ensure accuracy of current available census data
- Communication with the public in neighboring communities

3 Project Proposal and Process Description

Duke Energy is proposing to install and operate a fly ash processing facility consisting of a Staged Turbulent Air Reactor (STAR®) plant and related activities. To support this project, Duke Energy applied for a new Title V air permit to install and operate a fly ash processing plant at the Cape Fear STAR® Facility. The proposed facility is designed to annually process up to 400,000 tons of coal combustion fly ash with other ingredient materials to produce a high-quality class F fly ash for use in ready-mix concrete or other commercial products. It uses a proprietary technology from the SEFA Group Inc. called STAR® to chemically and physically convert fly ash into a low-carbon material that meets the American Society for Testing and Materials (ASTM) Standard C618-08, “Standard Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use in Concrete” of no more than 6% by weight loss-on-ignition (LOI) content to be suitable for use in concrete. Fly ash is commonly used as a cementitious product, which is the binding that holds concrete together.

G.S. § 130A-309.216 enacted by the North Carolina legislature in 2015, set forth requirements for the construction of beneficiation sites to process coal ash for use in cementitious products:

On or before January 1, 2017, an impoundment owner shall (i) identify, at a minimum, impoundments at two sites located within the State with ash stored in the impoundments on that date that is suitable for processing for cementitious purposes and (ii) enter into a binding agreement for the installation and operation of an ash beneficiation project at each site capable of annually processing 300,000 tons of ash to specifications appropriate for cementitious products, with all ash processed to be removed from the impoundment(s) located at the sites.

In addition, the preparation of fly ash for beneficial use in the manner proposed by Duke Energy is encouraged by the U.S. EPA. EPA finds “this practice can produce positive environmental, economic, and product benefits such as reduced use of virgin resources, lower greenhouse gas emissions, reduced cost of coal ash disposal, and improved strength and durability of materials.”

Some community members have expressed concerns regarding the transportation routes and fugitive dust potential. Section 8 of this report evaluates these impacts that are outside of the scope of review for this air quality permit.

4 Geographic Area

The Cape Fear STAR® Facility is a former 316-megawatt electric power generating facility located at 500 C P and L Rd in Moncure. It is located on the Cape Fear River in Chatham County (Figure 1). The 1.5-mile radius used in this analysis crosses into Lee County, and includes portions of two census tracts (Figure 2). Census tracts are small, relatively permanent statistical subdivisions of a county with a unique numeric code (U.S. Census Bureau). The Cape Fear STAR® Facility is located in Census Tract 207.02 of Chatham County, but the one-and-a-half-mile radius crosses over into Census Tract 307.01 of Lee County as well. Both are included in this report.

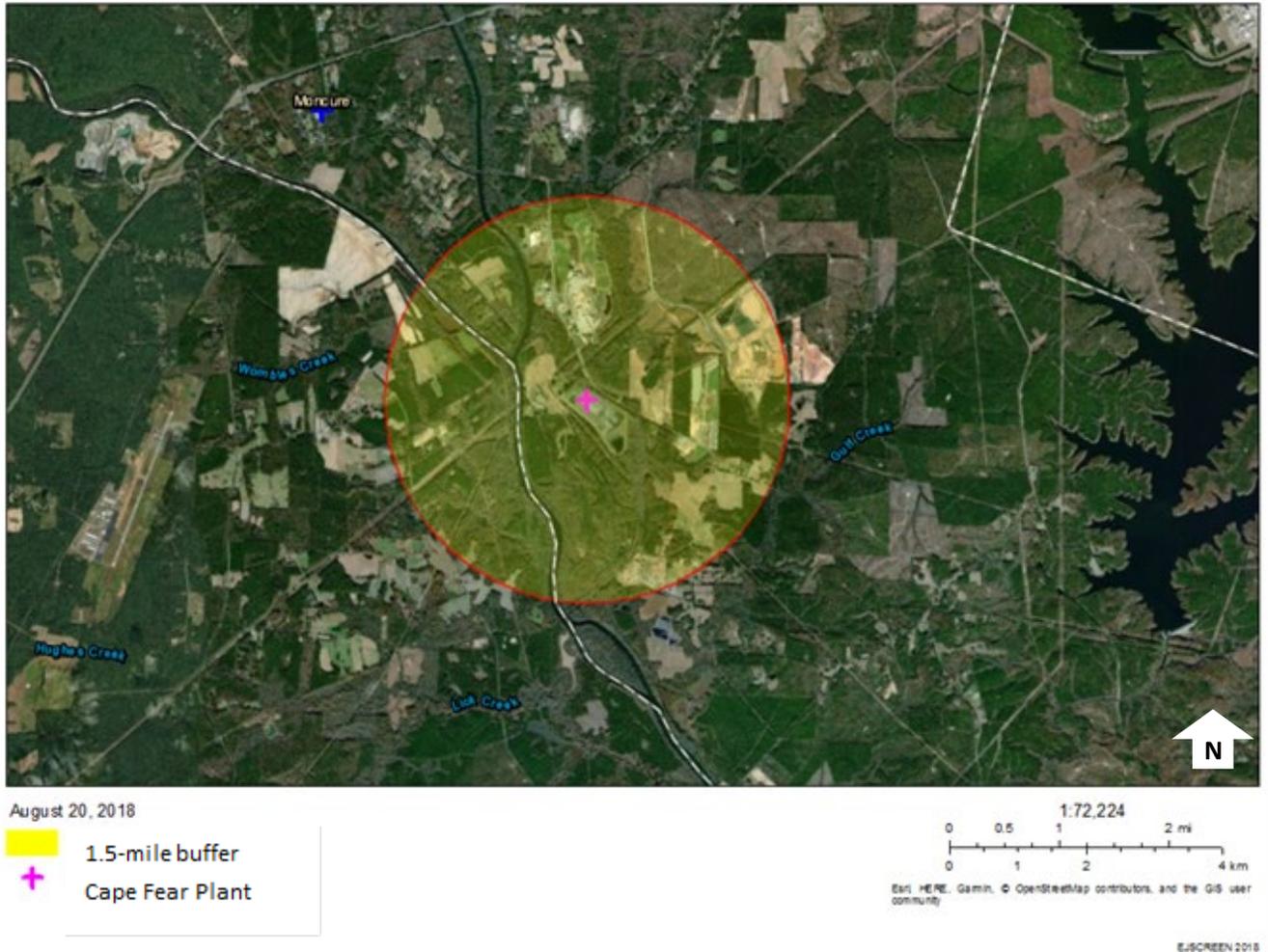


Figure 1. Cape Fear STAR® Facility and the one-and-a-half-mile radius.

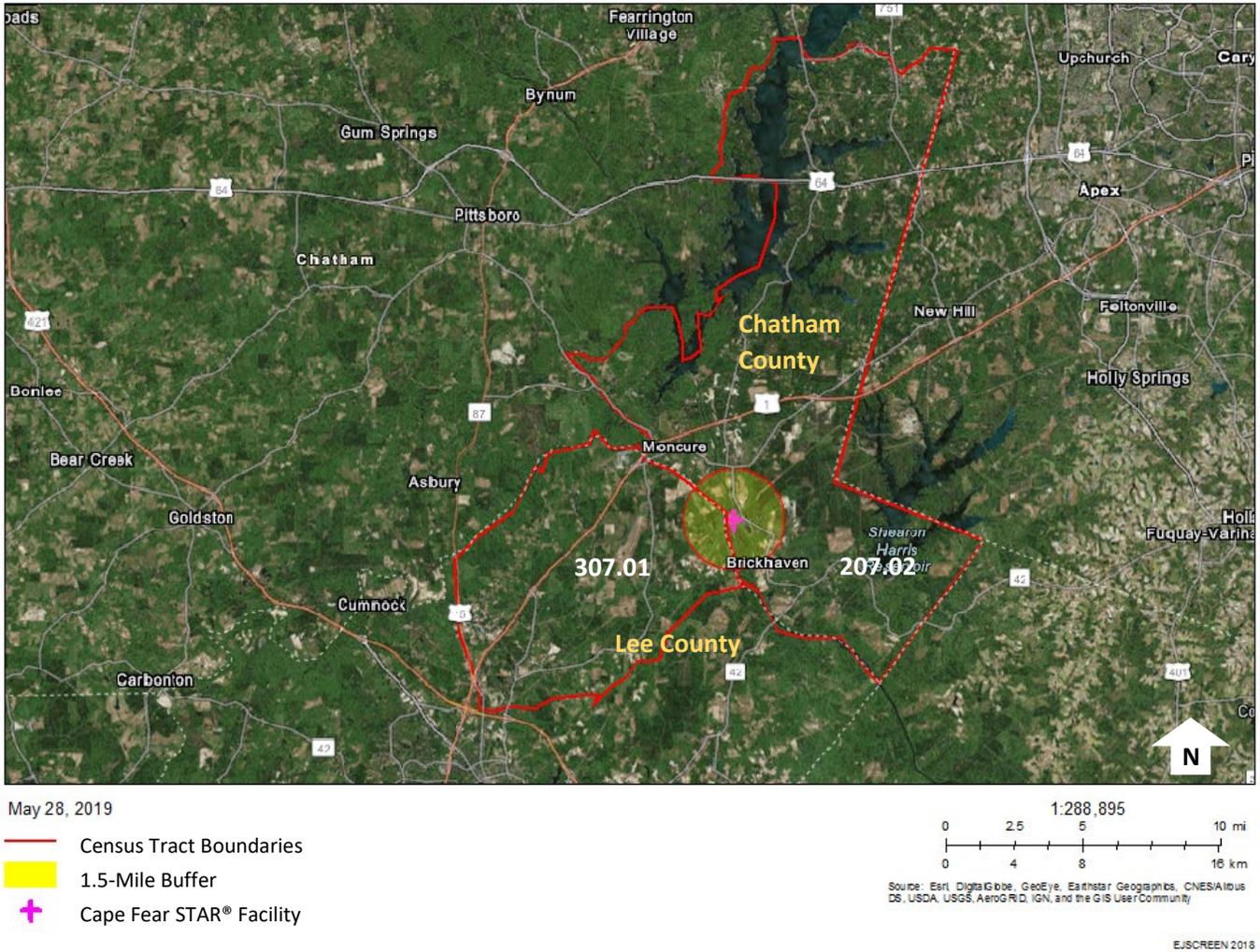


Figure 2. Map of census tracts that intersect with the 1.5-mile radius.

5 Regional and Local Settings

The following sections on race and ethnicity, age and sex, disability, poverty, household income, and Limited English Proficiency (LEP) populations are based on data from the U.S. Census Bureau, first at a state and county-level (regional setting), and then at a census tract and project radius level (local setting). The surrounding census tracts that will be included will be any census tract that fully or partially overlaps with the one-and-a-half-mile radius. Demographics of North Carolina, as well as Chatham and Lee counties will be compared to the local level data to identify any disparities surrounding the project area. Using North Carolina Department of Transportation (NCDOT) Title VI guidelines, the following conditions will be flagged as potential communities of concern:

1. 10% or more in comparison to the county average
2. 50% or more minority
3. 5% or more in comparison to the county average for poverty

For example, if a census tract has 33% of the population identified as low income but the county only consists of 30% identified as low income, the census tract would exceed the county average by 10% (or 0.3), and thus be flagged as a potential area of concern. For this report, census data from 2010 and census data estimates from 2011-2015 and 2012-2016 were used. The 2010 Census Bureau data is survey data gathered every ten years, whereas the data estimates from the more recent years are modeled based on the collected data.

Lee County is designated as Tier 2 county by N.C. Department of Commerce and Chatham County is designated a Tier 3. Tier 1 counties are considered the 40 most distressed, followed by Tier 2 as the next 40, and Tier 3 counties are the 20 least distressed. County Tiers are calculated based on average unemployment rate, median household income, percentage growth in population, and adjusted property tax base per capita (<https://www.nccommerce.com/grants-incentives/county-distress-rankings-tiers>). The two census tracts do not include any Federal or State American Indian Reservation, Off-Reservation Trust Land, Statistical Area, Designated Tribal Area, or Native Regional Corporation. However, this does not mean, there are no Native American or Alaska Native persons living within Census Tracts 207.02 and 307.01.

5.1 Race and Ethnicity

Regional Setting

According to the 2010 U.S. Census Data QT-P3, Race and Hispanic Origin: 2010; 2010 Census Summary File 1 report, North Carolina's population totaled 9,535,483 individuals (Table 5.1a). The three most common racial groups across the State were White (68.5%), Black or African American (21.5%), and Hispanic or Latino of any race (8.4%).

Chatham County's population consisted of 63,505 individuals (Table 5.1a). The three largest racial groups within Chatham County were White (76.0%), Black or African American (13.2%), and Hispanic or Latino (13.0%). White, Some other Race, and Hispanic populations all had a greater than 10% difference when compared to the State.

Lee County's population consisted of 57,866 individuals (Table 5.1a). The three largest racial groups within Chatham County were White (66.9%), Black or African American (20.0%), and Hispanic or Latino (18.3%). Some other Race and Hispanic populations all had a greater than 10% difference when compared to the State.

Table 5.1a. Race and Ethnicity -Regional Setting

Race and Ethnicity	North Carolina		Chatham County		Lee County	
	Number	Percent	Number	Percent	Number	Percent
Total Population	9,535,483	100.0	63,505	100.0	57,866	100.0
White	6,528,950	68.5	48,237	76.0	38,688	66.9
Black or African American	2,048,628	21.5	8,392	13.2	11,565	20.0
American Indian or Alaska Native	122,110	1.3	344	0.5	407	0.7
Asian	208,962	2.2	703	1.1	489	0.8
Native Hawaiian and Other Pacific Islander	6,604	0.1	24	0.0	20	0.0
Some other Race	414,030	4.3	4,169	7.3	5,286	9.1
Two or More Races	206,199	2.2	1,186	1.9	1,411	2.4
HISPANIC OR LATINO (of any race)	800,120	8.4	8,228	13.0	10,576	18.3
Mexican	486,960	5.1	5,842	9.2	6,898	11.9
Puerto Rican	71,800	0.8	210	0.3	594	1.0
Cuban	18,079	2.3	70	0.1	43	0.1
Other Hispanic or Latino	223,281	2.3	2,106	3.3	3,041	5.3
Source: U.S. Census, 2010 Census						
All bold and highlighted cells indicate a difference that is greater than 10% when compared to the Statewide average						

Local Setting

According to the 2010 U.S. Census Data QT-P3, Race and Hispanic Origin: 2010; 2010 Census Summary File 1 report, the largest population within all census tracts by race was White (81.7% in CT 207.02 and 74.7% in CT 307.01). The total population in Census Tract 207.02 was 3,887. The two highest populations behind White were Black or African American (12.8%) and Hispanic or Latino (of any race) at 4.9%. The total population in Census Tract 307.01 was 4,751. The second two highest populations behind White were also Black or African American (16.2%) and Hispanic or Latino (of any race) at 10.7%.

Within the 1.5-mile radius, EJSCREEN identified a total population of 113 people. Within the 1.5-mile radius, the largest population was White, with a total of 92 individuals (81.4% of the total population). The second two highest populations were Hispanic or Latino (of any Race) at 6% and Black or African American at 13.3% (Table 5.1b).

Table 5.1b. Race and Ethnicity -Local Setting

Race and Ethnicity	Project Area - 1.5- miles		Census Tract 207.02		Census Tract 307.01	
	Number	Percent	Number	Percent	Number	Percent
Total Population	113	100.0	3,887	100.0	4,751	100
White	92	81.4	3,164	81.7	3,547	74.7
Black or African American	15	13.3	497	12.8	770	16.2
American Indian or Alaska Native	1	0.9	21	0.5	16	0.3
Asian	1	0.9	36	0.9	34	0.7
Native Hawaiian and Other Pacific Islander	0	0.0	0	0.00	1	0.0
Some other Race	4	3.5	109	2.8	297	6.3
Two or More Races	1	0.9	50	1.3	86	1.8
HISPANIC OR LATINO (of any race)	7	6	191	4.9	510	10.7
Mexican			153	3.9	368	7.7
Puerto Rican			12	0.3	40	0.8
Cuban			3	0.1	0	0.0
Other Hispanic or Latino			23	0.6	102	2.1

Source: U.S. Census, 2010 Census

Bolded and yellow highlighted cells indicate a difference greater than 10% compared to the Statewide average.

Bolded and green highlighted cells indicate a difference greater than 10% compared to both State and respective County

5.2 Age and Sex

Regional Setting

The U.S. Census Bureau, QT-P1, Age Groups and Sex: 2010 Census Summary File 1, reports that North Carolina had a total population of 9,535,483 (Table 5.2a). The largest percentage of the North Carolina population (63.1%) was between the ages of 18 and 64, with a median age of 36 for males and 38.7 for females (Table 5.2a).

Lee County had a total population of 57,866. The largest percentage of the Lee County population (60.6%) was between the ages of 18 and 64, with a median age of 37.4. Chatham County had a total population of 63,505. The largest age group of Chatham County's population was 18 to 64 years (60.4%), with a median age of 43.6. Chatham County showed an elevated population for individuals aged 65 and over when compared to the state average.

Table 5.2a. Age and Sex – Regional Setting

Age	North Carolina					
	Number			Percent		
	Both sexes	Male	Female	Both sexes	Male	Female
Total Population	9,535,483	4,645,492	4,889,991	100	100	100
Under 5 years	632,040	322,871	309,169	6.6	7.0	6.3
Under 18 years	2,281,635	1,167,303	1,114,332	23.9	25.1	22.8
18 to 64 years	6,019,769	2,954,233	3,065,536	63.1	63.6	62.7
65 years and over	1,234,079	523,956	710,123	12.9	11.3	14.5
Median Age	37.4	36	38.7			

Age	Chatham County						Lee County					
	Number			Percent			Number			Percent		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Total Population	63,505	30,654	32,851	100	100	100	57,866	28,264	29,602	100	100	100
Under 5 years	3,917	1,973	1,944	6.2	6.4	5.9	4,221	2,122	2,099	7.3	7.5	7.1
Under 18 years	13,841	7,066	6,775	21.8	23.1	20.6	14,860	7,545	7,315	25.7	26.7	24.7
18 to 64 years	38,033	18,521	19,512	59.9	60.4	59.4	35,069	17,390	17,679	60.6	61.5	59.7
65 years and over	11,631	5,067	6,564	18.3	16.5	20	7,937	3,329	4,608	13.7	11.8	15.6
Median Age	43.6	42.1	45.1				37.4	35.9	38.6			

Source: U.S. Census, 2010 Census

Bolded and yellow highlighted cells indicate a difference greater than 10% compared to the Statewide average.

Local Setting

Within the 1.5-mile radius of the Cape Fear STAR® Facility, there was a total population of 113 individuals (Table 5.2b). The majority of the population within 1.5-miles was between 18 and 64 years (62%). Census Tract 207.02 had a median age of 44 and Census Tract 307.01 had a median age of 37.5. There were no age ranges on the local level that were more than 10% different when compared to the county average.

Table 5.2b. Age and Sex – Local Setting

Age	Census Tract 207.02						Census Tract 307.01					
	Number			Percent			Number			Percent		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Total Population	3,887	1,955	1,932	100	100	100	4,751	2,326	2,425	100	100	100
Under 5 years	232	114	118	6.0	5.8	6.1	324	150	174	6.8	6.4	7.2
Under 18 years	880	450	430	22.6	23	22.3	1,117	545	572	23.5	23.4	23.6
18 to 64 years	2,469	1,264	1,205	63.5	64.7	62.4	3,046	1,524	1,522	64.1	65.5	62.8
65 years and over	538	241	297	13.8	12.3	15.4	588	257	331	12.4	11	13.6
Median Age	44	43.3	44.6				37.5	37.4	37.6			

Age	Project Area - 1.5-miles					
	Number			Percent		
	Both sexes	Male	Female	Both sexes	Male	Female
Total Population	113	56	57	100	49	51
Under 5 years	8			7		
Under 18 years	27			24		
18 to 64 years	70			62		
65 years and over	16			14		

Source: U.S. Census, 2010 Census
Bolded and yellow highlighted cells indicate a difference greater than 10% compared to the Statewide average.

5.3 Disability

Regional Setting

According to the 2012-2016 American Community Survey 5-Year Estimates Table B18101 from the US Census Bureau, North Carolina had an estimated total population of 9,745,671 noninstitutionalized civilians. Of those civilians, an estimated 13.7% had a disability (Table 5.3a). The group with the highest population of disabled civilians was 75 years and over (51.6%). The next three populations with the highest disability rates were those 65 to 74 years of age (27.3%), American Indian and Alaska Native (17.8%), and Black or African American (15.2%).

Chatham County had an estimated total population of 68,048 noninstitutionalized civilians. Of those civilians, an estimated 14.3% had a disability (Table 5.3b). The group with the highest population of disabled civilians was American Indian and Alaska Native (28.6%). The next three populations with the highest disability rates were Black or African American (21.3%), those who were 65 years and over (13.1%), and Hispanic or Latino (10.3%).

Lee County had an estimated total population of 58,347 noninstitutionalized civilians (Table 5.3b). Of those, an estimated 14.1% had a disability. The group with the highest population of disabled civilians was American Indian and Alaskan Native (19.0%). The next three populations with the highest disability rates were Black or African American (17.3%), those who were 65 years and over (13.7%), and Native Hawaiian and Other Pacific Islander (13.5%).

Table 5.3a. Disability – Regional Setting (State)

Subject	North Carolina					
	Total		With a Disability		Percent with a Disability	
	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-
Total civilian noninstitutionalized population	9,745,671	1,984	1,331,570	9,030	13.7	0.1
Population under 5 years	605,854	577	5,472	618	0.9	0.1
Population 5 to 17 years	1,678,393	820	95,959	2,436	5.7	0.1
Population 18 to 34 years	2,167,121	2,305	140,742	3,116	6.5	0.1
Population 35 to 64 years	3,876,401	1,788	565,417	5,513	14.6	0.1
Population 65 to 74 years	854,396	1,148	233,490	2,546	27.3	0.3
Population 75 years and over	563,506	972	290,490	2,459	51.6	0.4
SEX						
Male	4,684,967	2,276	635,546	6,205	13.6	0.1
Female	5,060,704	1,416	696,024	5,292	13.8	0.1
RACE AND HISPANIC OR LATINO ORIGIN						
White	6,249,094	2,339	908,963	7,348	14.5	0.1
Black or African American	2,080,284	4,902	315,319	3,945	15.2	0.2
American Indian and Alaska Native	114,361	1,780	20,409	838	17.8	0.7
Asian	252,557	1,686	12,401	812	4.9	0.3
Native Hawaiian and Other Pacific Islander	6,081	887	725	431	11.9	7.0
Some other Race	294,651	8,124	14,358	1,153	4.9	0.4
Two or more races	237,452	5,743	28,705	1,429	12.1	0.6
Hispanic or Latino	867,538	802	51,132	2,008	5.9	0.2

Source: US Census, 2012-2016 ACS Estimates

Table 5.3b. Disability – Regional Setting (Counties)

Subject	Chatham County						Lee 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	68,048	+/-176	9,764	+/-819	14.3	+/-1.2	58,347	+/-234	8,223	+/-613	14.1	+/-1.0
Population under 5 years	3,364	+/-40	26	+/-40	0.8	+/-1.2	3,975	+/-23	41	+/-47	1.0	+/-1.2
Population 5 to 17 years	10,560	+/-82	95	+/-64	0.8	+/-1.8	11,052	+/-76	696	+/-213	6.3	+/-1.9
Population 18 to 64 years	38,216	+/-236	918	+/-301	2.4	+/-0.8	34,660	+/-268	835	+/-190	2.4	+/-0.5
Population 65 years and over	15,908	+/-252	2,087	+/-348	13.1	+/-2.2	8,660	+/-164	1,189	+/-196	13.7	+/-2.3
SEX												
Male	32,924	+/-248	4,787	+/-500	14.5	+/-1.5	28,143	+/-260	4,086	+/-388	14.5	+/-1.4
Female	35,124	+/-242	4,977	+/-483	14.2	+/-1.4	30,204	+/-136	4,137	+/-384	13.7	+/-1.3
RACE AND HISPANIC OR LATINO ORIGIN												
White	54,809	+/-696	7,655	+/-747	14	+/-1.3	41,067	+/-822	5,897	+/-471	14.4	+/-1.2
Black or African American	7,981	+/-381	1,750	+/-254	21.9	+/-3.0	10,869	+/-334	1,878	+/-323	17.3	+/-3.0
American Indian and Alaska Native	185	+/-111	53	+/-60	28.6	+/-24.9	385	+/-70	73	+/-45	19.0	+/-11.4
Asian	975	+/-128	45	+/-44	4.6	+/-4.5	626	+/-75	72	+/-56	11.5	+/-8.6
Native Hawaiian and Other Pacific Islander	43	+/-46	0	+/-28	0	+/-45.2	52	+/-57	7	+/-13	13.5	+/-25.4
Some other Race	2,317	+/-690	94	+/-75	4.1	+/-3.1	3,940	+/-799	128	+/-134	3.2	+/-3.3
Two or more races	1,738	+/-332	167	+/-102	9.6	+/-5.4	1,408	+/-351	168	+/-90	11.9	+/-5.7
Hispanic or Latino	8,485	+/-18	877	+/-302	10.3	+/-3.6	11,346	+/-50	628	+/-201	5.5	+/-1.8

Source: US Census, 2012-2016 ACS Estimates
Bolded and yellow highlighted cells indicate a difference greater than 10% compared to the Statewide average.

Local Setting

Census Tract 207.02 consists of three populations greater than 10% higher than the county average (Table 5.3c). Those populations are Two or More Races (51.7%), Black or African American (46.7%) and ages 5 to 17 (7.2%). All populations in Census Tract 307.01 that were greater than 10% different from the county had significantly less rates of disability than the county average. All populations in this census tract apart from those 18 to 64 years of age had rates of disability lower than the county average.

Table 5.3c. Disability- Census Tracts

Subject	Census Tract 207.02						Census Tract 307.01					
	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	3,987	+/-302	495	+/-157	12.4	+/-3.7	5,437	+/-451	609	+/-201	11.2	+/-3.3
Population under 5 years	196	+/-94	0	+/-12	0.0	+/-15.2	551	+/-174	0	+/-17	0.0	+/-5.7
Population 5 to 17 years	629	+/-109	45	+/-49	7.2	+/-7.7	907	+/-171	38	+/-59	4.2	+/-6.2
Population 18 to 64 years	2,395	+/-281	4	+/-8	0.0	+/-0.3	3,301	+/-389	100	+/-83	3.0	+/-2.4
Population 65 years and over	767	+/-115	51	+/-44	6.6	+/-6.7	678	+/-143	83	+/-43	12.2	+/-6.2
SEX												
Male	2,095	+/-209	298	+/-121	14.2	+/-5.2	2756	+/-271	380	+/-141	13.8	+/-4.7
Female	1,892	+/-216	197	+/-96	10.4	+/-4.9	2681	+/-296	229	+/-103	8.5	+/-3.6
RACE AND HISPANIC OR LATINO ORIGIN												
White	3,758	+/-292	416	+/-154	11.1	+/-3.9	3,719	+/-345	417	+/-139	11.2	+/-3.5
Black or African American	137	+/-91	64	+/-56	46.7	+/-28.5	1,045	+/-357	166	+/-141	15.9	+/-10.4
American Indian and Alaska Native	19	+/-33	0	+/-12	0.0	+/-68.0	12	+/-19	0	+/-17	0.0	+/-85.6
Asian	8	+/-13	0	+/-12	0.0	+/-100.0	75	+/-57	0	+/-17	0.0	+/-33.5
Native Hawaiian and Other Pacific Islander	0	+/-12	0	+/-12	-	**	0	+/-17	0	+/-17	-	**
Some other Race	36	+/-46	0	+/-12	0.0	+/-49.4	356	+/-75	0	+/-17	0.0	+/-8.7
Two or more races	29	+/-34	15	+/-27	51.7	+/-51.7	230	+/-105	26	+/-29	11.3	+/-12.1
Hispanic or Latino	82	+/-73	1	+/-2	1.2	+/-3.4	616	+/-197	8	+/-12	1.3	+/-1.9

Source: US Census, 2012-2016 ACS Estimates

Bolded and yellow highlighted cells indicate a difference greater than 10% compared to the Statewide average.

Bolded and green highlighted cells indicate a difference greater than 10% compared to both State and respective County

5.4 Poverty

Regional Setting

Table 5.4a consists of data from Census Table S1701, Poverty Status in the Past 12 Months, 2012-2016 American Community Survey 5-Year Estimates for the Regional Setting. In 2016, North Carolina had a total population of 9,685,511, with 16.8% living below the poverty level. Across all subjects, the highest poverty rate was for Some other Race (33.7%). This was followed by American Indian and Alaska Native (28.1%), Black or African American (26.1%), and Two or More Races and Hispanic or Latino (both at 24.6%).

Chatham County had an estimated population of 67,758, with 13.6% living below the poverty level. Across all subjects, the highest poverty rate was for American Indian and Alaska Native (67.6%). This was followed by Hispanic or Latino (32.2%), Some other Race (24.1%), and Black or African American (22.6%). The American Indian and Alaska Native as well as the Hispanic or Latino population below poverty were greater than 5% different when compared to the state population (Table 5.4b).

Lee County had an estimated population of 58,358, with 18.3% living below the poverty level. Across all subjects, the highest poverty rate was for American Indian and Alaska Native (67.6%). This was followed by Hispanic or Latino (32.2%), Some other Race (24.1%), and Black or African American (22.6%). The American Indian and Alaska Native as well as the Hispanic or Latino population living below poverty were greater than 5% different when compared to the state population.

Table 5.4a. Poverty Estimates over the Past 5 Years – Regional Setting (State)

Subject	North Carolina					
	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	9,685,511	1,782	1,631,704	17,281	16.8	0.2
AGE						
Under 18	2,254,721	2,050	539,417	8,484	23.9	0.4
18 to 64	6,012,888	1,258	955,430	9,789	15.9	0.2
65 years and over	1,417,902	1,068	136,857	2,562	9.7	0.2
SEX						
Male	4,684,761	2,068	719,985	8,902	15.4	0.2
Female	5,000,750	1,846	911,719	9,880	18.2	0.2
RACE AND HISPANIC OR LATINO ORIGIN						
White	6,220,770	2,615	718,254	11,602	11.5	0.2
Black or African American	2,056,688	4,872	537,538	7,834	26.1	0.4
American Indian and Alaska Native	114,277	1,759	32,101	1,831	28.1	1.5
Asian	248,665	1,763	32,044	1,973	12.9	0.8
Native Hawaiian and Other Pacific Islander	6,227	910	1,229	363	19.7	5.3
Some other Race	293,512	8,038	98,899	5,189	33.7	1.5
Two or more races	233,951	5,773	57,525	2,970	24.6	1.1
Hispanic or Latino	867,229	835	273,081	2,970	24.6	0.8
All individuals below:						
50 percent of poverty level	709,029	10,824				
125 percent of poverty level	2,156,665	18,666				
150 percent of poverty level	2,675,626	22,058				
185 percent of poverty level	3,374,865	23,762				
200 percent of poverty level	3,649,420	24,199				
Source: US Census, 2012-2016 ACS 5-Year Estimates						

Table 5.4b. Poverty Estimates over the Past 5 Years – Regional Setting (Counties)

Subject	Chatham County						Lee 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	67,758	+/-216	9,185	+/-912	13.6	+/-1.3	58,358	+/-304	10,673	+/-1,197	18.3	+/-2.1
AGE												
Under 18	13,628	+/-165	2,858	+/-481	21.0	+/-3.5	14,736	+/-212	3,855	+/-596	26.2	+/-4.0
18 to 64	38,222	+/-236	5,058	+/-548	13.2	+/-1.4	34,962	+/-255	5,720	+/-684	16.4	+/-2.0
65 years and over	15,908	+/-252	1,269	+/-250	8.0	+/-1.5	8,660	+/-164	1,098	+/-242	12.7	+/-2.8
SEX												
Male	32,770	+/-244	4,484	+/-502	13.7	+/-1.5	28,372	+/-260	4,462	+/-649	15.7	+/-2.3
Female	34,988	+/-256	4,701	+/-624	13.4	+/-1.8	29,986	+/-259	6,211	+/-712	20.7	+/-2.4
RACE AND HISPANIC OR LATINO ORIGIN												
White	54,674	+/-689	6,341	+/-870	11.6	+/-1.6	41,084	+/-827	6,148	+/-1,043	15.0	+/-2.5
Black or African American	7,922	+/-373	1,791	+/-376	22.6	+/-4.7	10,786	+/-341	2,719	+/-519	25.2	+/-4.8
American Indian and Alaska Native	185	+/-111	125	+/-114	67.6	+/-31.4	400	+/-71	72	+/-76	18.0	+/-19.5
Asian	975	+/-128	26	+/-40	2.7	+/-4.2	626	+/-75	95	+/-86	15.2	+/-13.7
Native Hawaiian and Other Pacific Islander	43	+/-46	0	+/-28	0.0	+/-45.2	52	+/-57	32	+/-49	61.5	+/-61.5
Some other Race	2,290	+/-682	552	+/-409	24.1	+/-15.4	3,975	+/-800	1,097	+/-525	26.7	+/-12.0
Two or more races	1,669	+/-323	350	+/-169	21.0	+/-9.6	1,435	+/-346	510	+/-255	35.5	+/-14.3
Hispanic or Latino	8,487	+/-21	2,736	+/-551	32.2	+/-6.5	11,356	+/-56	32	+/-49	33.0	+/-7.9
All individuals below:												
50 percent of poverty level	3,669	+/-737					3,691	+/-689				
125 percent of poverty level	11,952	+/-1,033					14,575	+/-1,139				
150 percent of poverty level	15,041	+/-1,044					17,743	+/-1,185				
185 percent of poverty level	19,808	+/-1,207					21,071	+/-1,210				
200 percent of poverty level	21,052	+/-1,288					22,901	+/-1,234				

Source: US Census, 2012-2016 ACS Estimates. **Bolded and yellow highlighted cells** indicate a difference greater than 10% compared to the Statewide average.

Local Setting

Table 5.4c consists of data from Census Table S1701, Poverty Status in the Past 12 Months, 2012-2016 American Community Survey 5-Year Estimates for census tracts 207.02 and 307.01. In 2016, Census Tract 307.01 had an estimated population of 5,403 with 14.0% living below the poverty level. The only population which had a poverty level 5% or greater than both the state and county averages was the 65 years and over age group. Two or more races had a greater than 5% difference when compared to the state average.

Census Tract 207.02 had an estimated population of 3,976, with 9.5% living below the poverty level. The only population which had a poverty level 5% or greater than both the state and county averages was the 65 years and over age group. Black or African American and Hispanic or Latino had a greater than 5% difference when compared to the state average. EJSCREEN analysis does not report poverty status for the 1.5-mile radius area.

Table 5.4c. Poverty Estimates over the Past 5 Years – Local Setting (Census Tracts)

Subject	Census Tract 307.01						Census Tract 207.02					
	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	5,403	+/-427	757	+/-299	14.0	+/-5.3	3,976	+/-305	376	+/-188	9.5	+/-4.5
AGE												
Under 18	1,407	+/-177	248	+/-136	17.6	+/-8.8	814	+/-129	39	+/-52	4.8	+/-6.3
18 to 64	3,318	+/-390	398	+/-171	12.0	+/-4.9	2,395	+/-281	240	+/-135	10.0	+/-5.2
65 years and over	678	+/-143	111	+/-90	16.4	+/-12.2	767	+/-115	97	+/-70	12.6	+/-9.4
SEX												
Male	2,761	+/-262	316	+/-190	11.4	+/-6.6	2,084	+/-210	215	+/-134	10.3	+/-5.9
Female	2,642	+/-283	441	+/-173	16.7	+/-6.2	1,892	+/-216	161	+/-82	8.5	+/-4.3
RACE AND HISPANIC OR LATINO ORIGIN												
White	3,692	+/-330	471	+/-270	12.8	+/-6.9	3,758	+/-292	322	+/-180	8.6	+/-4.6
Black or African American	1,038	+/-339	176	+/-140	17.0	+/-13.0	126	+/-87	54	+/-49	42.9	+/-29.5
American Indian and Alaska Native	12	+/-19	0	+/-17	0.0	+/-85.6	19	+/-33	0	+/-12	0.0	+/-68.0
Asian	75	+/-57	0	+/-17	0.0	+/-33.5	8	+/-13	0	+/-12	0.0	+/-100.0
Native Hawaiian and Other Pacific Islander	0	+/-17	0	+/-17	-	**	0	+/-12	0.00%	+/-12	-	**
Some other Race	356	+/-75	26	+/-38	7.3	+/-9.9	36	+/-46	0	+/-12	0.0	+/-49.4
Two or more races	230	+/-105	84	+/-90	36.5	+/-34.8	29	+/-34	0	+/-12	0.0	+/-55.1
Hispanic or Latino	584	+/-162	139	+/-119	23.8	+/-16.3	82	+/-73	27	+/-45	32.9	+/-45.8
All individuals below:												
50 percent of poverty level	407	+/-235					118	+/-104				
125 percent of poverty level	940	+/-313					400	+/-192				
150 percent of poverty level	1,156	+/-382					526	+/-232				
185 percent of poverty level	1,390	+/-384					692	+/-224				
200 percent of poverty level	1,557	+/-404					715	+/-223				

Source: US Census, 2012-2016 ACS 5-Year Estimates

Bolded and yellow highlighted cells indicate a difference greater than 5% compared to the Statewide average.

Bolded and green highlighted cells indicate a difference greater than 5% compared to both State and respective County

5.5 Household Income

Regional Setting

The following table (Table 5.5a) was completed using data from the Census Table S1901, Income in the Past 12 Months (in 2016 Inflation-Adjusted Dollars), 2012-2016 American Community Survey 5-Year Estimates for North Carolina, Chatham County and Lee County. In North Carolina, the household income range with the highest percent was \$50,000 to \$74,999, at 18.0%. The median household income was \$48,256, while the mean income was \$67,367. For Chatham County, the household income range with the highest percent was also \$50,000 to \$74,999, at 19.6%. Chatham County had a median household income of \$58,555 and a mean income of \$83,527. Lee County also had the highest percent in the \$50,000 to \$74,999 income range (19.8%), but had slightly lower mean (\$46,402) and median (\$58,622) incomes. The only range with a greater than 10% difference compared to the state below the federal poverty level for a household of four (approximately \$25,000), was for Lee County in the \$10,000-\$14,999 range (8.2%).

Table 5.5a. Household Income – Regional Setting

Subject	North Carolina		Chatham County		Lee County	
	Households		Households		Households	
	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-
Total	3,815,392	9,701	27,397	391	21349	402
Less than \$10,000	7.7	0.1	6.1	1.1	7.6	1.3
\$10,000 to \$14,999	6.1	0.1	5.3	0.9	8.2	1.3
\$15,000 to \$24,999	11.5	0.1	11.2	1.3	11.8	1.7
\$25,000 to \$34,999	11.4	0.1	8.4	1.1	11.8	1.7
\$35,000 to \$49,999	14.7	0.1	11.8	1.3	13.3	1.5
\$50,000 to \$74,999	18.0	0.1	19.6	1.5	19.8	2.0
\$75,000 to \$99,999	11.6	0.1	11.0	1.2	13.4	1.5
\$100,000 to \$149,999	11.1	0.1	13.2	1.2	9.3	1.2
\$150,000 to \$199,999	3.9	0.1	5.8	1.0	3.0	0.9
\$200,000 or more	3.9	0.1	7.6	1.0	1.8	0.5
Median income (dollars)	48,256	229	58,555	2,360	46,402	2,332
Mean income (dollars)	67,367	267	83,527	3,502	58,622	2,232
Source: US Census Bureau, ACS 2012-2016						
Bolded and yellow highlighted cells indicate a difference greater than 10% compared to the Statewide average.						

Local Setting

Table 5.5b consists of data from Census Table S1901, Income in the Past 12 Months (in 2016 Inflation-Adjusted Dollars) 2012-2016 American Community Survey 5-Year Estimates for Chatham County Census Tract 207.02 and Lee County Census Tract 307.01. For both census tracts, the lowest household income range that showed a greater than 10% difference when compared to either the county or the state was \$50,000 to \$74,999 (Census Tract 207.02). The median income for both census tracts were higher than the median income for the state (\$48,256). The per capita income for the 1.5-mile radius (\$26,324) as shown in Table 5.5c is similar to the state average of \$26,779.

Table 5.5b. Household Income – Local Setting

Subject	Census Tract 307.01		Census Tract 207.02		1.5-mile project radius	
	Households		Households		Households	
	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-	Estimate	Margin of Error +/-
Total	1,843	117	1,469	111	46	
Less than \$10,000	6.7	3.4	5.6	3.6	12	
\$10,000 to \$14,999	2.8	2.4	5.9	4.5		
\$15,000 to \$24,999	13.5	4.2	7.7	4.3	8	
\$25,000 to \$34,999	10.5	3.7	5.9	3.4	17	
\$35,000 to \$49,999	16	5.2	12.7	5.2		
\$50,000 to \$74,999	16.6	5.1	22.1	6.2	20	
\$75,000 to \$99,999	15.9	4.4	12.9	6.1	39	
\$100,000 to \$149,999	13.3	4.5	15.0	4.7		
\$150,000 to \$199,999	2.6	1.9	16.0	1.7		
\$200,000 or more	2.1	2.0	8.8	3.4		
Median income (dollars)	50,495	7,628	60,964	8,026		
Mean income (dollars)	66,952	8,119	81,709	8,831		
Bolded and yellow highlighted cells indicate a difference greater than 10% compared to the Statewide average. Bolded and green highlighted cells indicate a difference greater than 10% compared to both State and respective County. Source: US Census 2012-2016 ACS						

Table 5.5c. Per Capita Income

Location	Subject		Per Capita Income in Last 12 Months (Dollars)
North Carolina	Per Capita Income	Estimate	26,779
		Margin of Error +/-	127
Chatham County	Per Capita Income	Estimate	36,933
		Margin of Error +/-	1,364
Lee County	Per Capita Income	Estimate	23,613
		Margin of Error +/-	900
Census Tract 307.01	Per Capita Income	Estimate	26,569
		Margin of Error +/-	3,775
Census Tract 207.02	Per Capita Income	Estimate	37,550
		Margin of Error +/-	4,434
One and a half Miles	Per Capita Income	Estimate	26,324
		Margin of Error +/-	-

5.6 Safe Harbor Guidelines

If an LEP Group is identified during the pre-permit issuance 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% trigger, 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 per the EPA guidance for LEP persons.

5.7 Limited English Proficiency (LEP)

According to the Census Table B16001, Language spoken at home by ability to speak English for the population 5 years and over, 2011-2015 American Community Survey 5-year Estimates, the majority of the population (for both census tracts speaks) only English (Table 5.7). In Census Tract 307.01 an estimated population of 379 people speak Spanish or Spanish Creole at home, of which 194 speak English “less than very well.” Census Tract 207.02 had less than 100 individuals who speak Spanish or Spanish Creole. No other languages were identified within the two census tracts that had any individuals who speak English “less than very well”.

Table 5.7. Limited English Proficiency – Census Tracts

LANGUAGE SPOKEN AT HOME	Census Tract 207.02		Census Tract 307.01	
	Estimate	Margin of Error	Estimate	Margin of Error
Total (population 5 years and over):	3,791	+/-344	4,751	+/-453
Speak only English	3,670	+/-326	4,304	+/-437
Spanish or Spanish Creole:	73	+/-72	379	+/-246
Speak English "very well"	37	+/-56	185	+/-123
Speak English less than "very well"	36	+/-46	194	+/-184
Source: US Census bureau, 2011-2015 ACS Estimates				

5.8 Local Industrial Sites

The Cape Fear STAR® Facility is surrounded by industrial sites both to the north and south and agricultural areas to the west and south. Some of the industries/businesses within the vicinity of the Cape Fear STAR® Facility include:

- General Shale
- Arauco (timber products)
- Southern Veneer Products
- Arclin
- Flatwood LLC Solar Farm

According to NCDEQ analysis using the Community Mapping System on May 28, 2019, there are nine National Pollutant Discharge Elimination System (NPDES) stormwater permits within the 1.5-mile radius of the facility, the most of any type of incident or facility (Figure 3). Additionally, there are four NPDES wastewater treatment facility permits, three air quality-permitted facilities, three inactive hazardous sites, two hazardous waste sites, and two permitted solid waste landfills. In addition to those permits, there are a few above and below ground storage tanks and incidents. Full detailed facility report from the Community Mapping System can be found in Appendix C. More information can be found online at: <https://ncdenr.maps.arcgis.com/apps/webappviewer/index.html?id=1eb0fbe2bcfb4cccb3cc212af8a0b8c8>

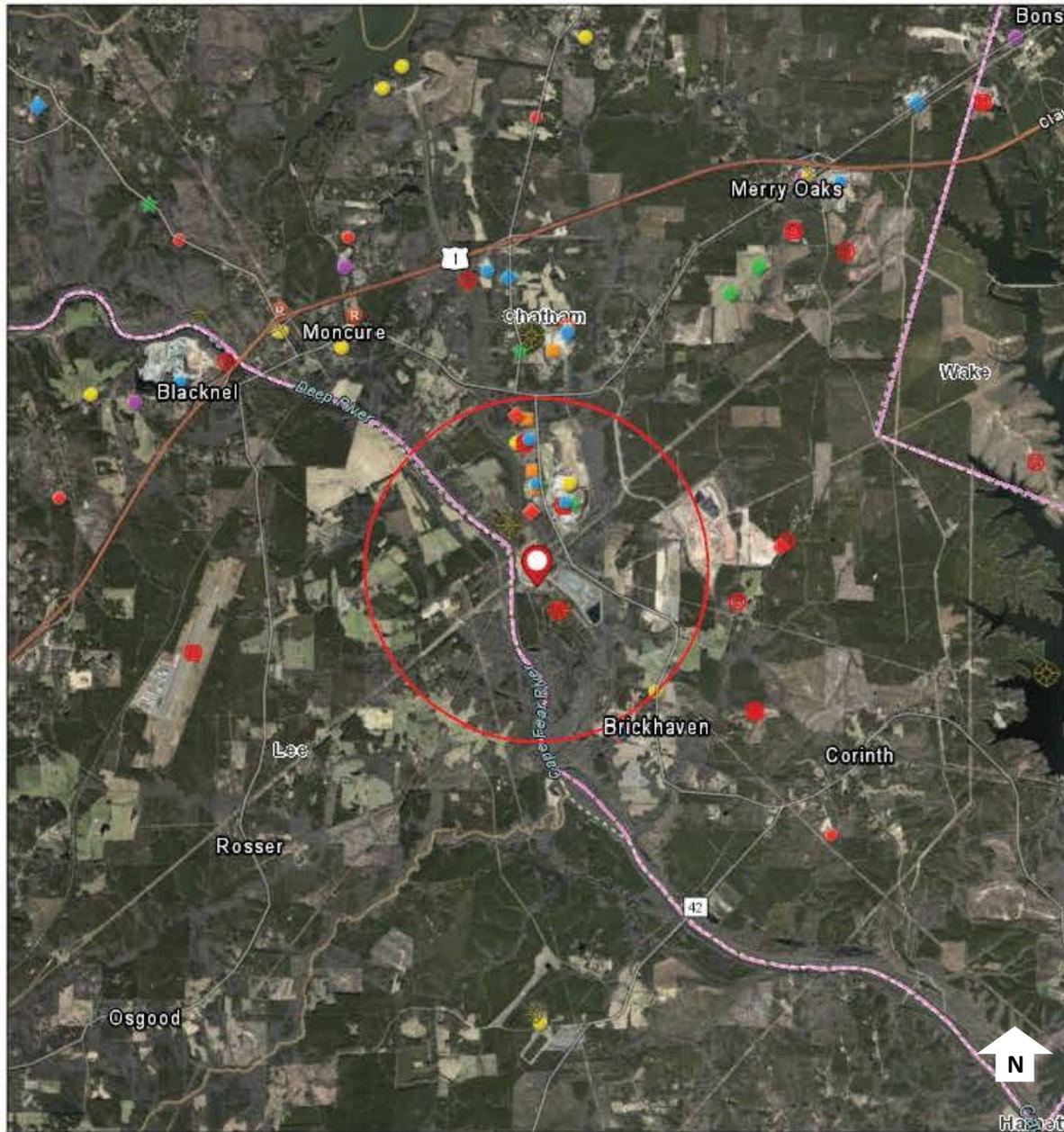


Figure 3. Map of NCDEQ permits and incident reports with the 1.5-mile radius.

5.9 Local Sensitive Receptors

The U.S. EPA 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 close 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 a healthy individual aged between 18 and 64. Within the 1.5-mile project radius, there are no sensitive receptors identified (Figure 4). However, just beyond the 1.5-mile radius, there is the historical site of the Haywood Public School, a former African American public school built in 1921.

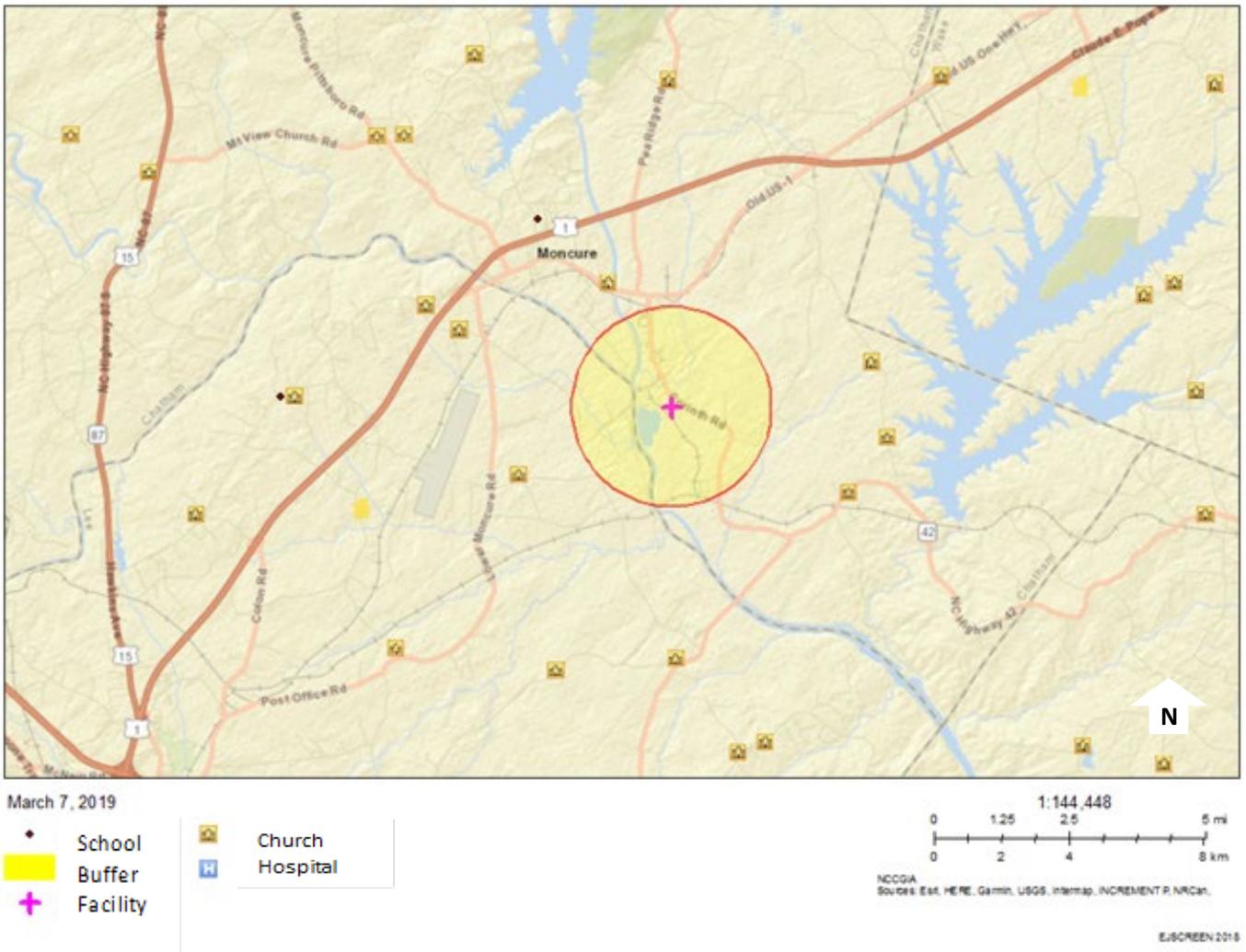


Figure 4. Sensitive Receptors surrounding the Cape Fear STAR® Facility

5.10 Health Data

The University of Wisconsin Population Health Institute in collaboration with the Robert Wood Johnson Foundation, calculated a County Health Rankings system 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 report, out of all 100 counties in North Carolina (with 1 indicating the healthiest), Chatham County is ranked number 10 and its neighbor, Lee County, is ranked 61 (Figure 5).

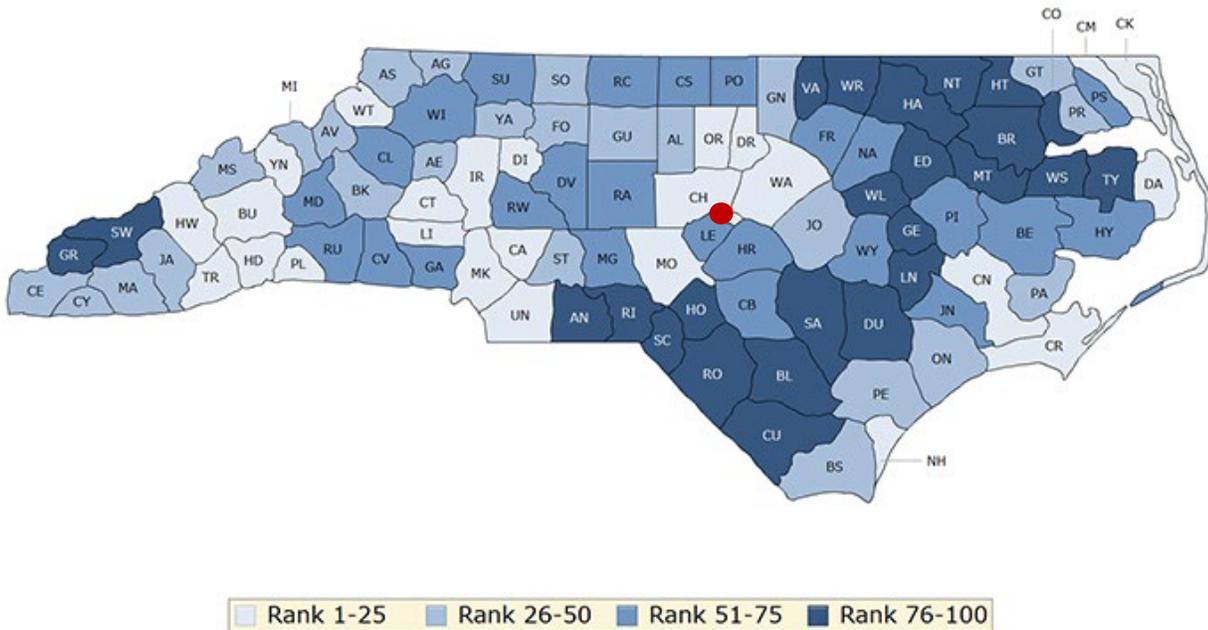


Figure 5. County Health Rankings for North Carolina provided by University of Wisconsin Public Health Institute.

According to the NCDEQ Environmental Justice Tool (2019), almost all of the health indicators perform better in this area than compared to the state as a whole (Table 5.10). The county health data are averages calculated from the data of both Chatham and Lee counties. Asthma hospitalizations are well below State averages for this area at 42 per 100,000, compared to the state average of 90. Preterm birth rate is slightly higher than the state average, at 10.3 versus 10 for the state. Infant death rate is the only health indicator that is higher than the state average for these two counties, 9.25, as compared to 7.2 (per 100,000). The number of primary care physicians in this area is slightly lower than the state average, at only 3.49 between the two counties, compared to the state average of 4.81.

Table 5.10. Health Statistics by Death Rate

	Chatham and Lee County Average	North Carolina
Heart Disease	147.6	163.7
Cancer	160.45	169.1
Diabetes	21.7	22.8
Stroke	39.84	43.1
Cardiovascular Disease	200.75	221.9
All numbers are deaths per 100,000 people Source: 2019 NCDEQ Environmental Justice Tool		

6 Field Reconnaissance

On Tuesday, April 23, 2019, DEQ staff visited the Cape Fear STAR® Facility and surrounding areas to corroborate the EPA EJSCREEN data within the 1.5-mile radius. During the visit, staff identified the Cape Fear STAR® Facility, the proposed beneficial reuse area, and potential local sensitive receptors (Section 5.9). Surrounding houses were observed to be a combination of trailers, double wide trailers, and older houses. The majority of land to the north of the facility was used for other industrial sites. Predominantly agricultural, forests, and housing appeared to be located to the east, west and south. Almost all of the housing within the 1.5-mile radius is to the north of the facility.

7 Traffic

In addition to the standard Title VI and EPA Environmental Justice review considerations around the physical location and scope of the permit, traffic impacts were also considered. The transportation route was analyzed to assess the potential impact on communities between the Cape Fear STAR® Facility and the major highway, US Highway 1. Two potential routes were analyzed; one to the northwest and the other to the northeast.

The onsite traffic was also considered (Figure 6). Once the fly ash leaves the reactor of the STAR® system, the product will be collected in the product recovery baghouse and pneumatically transferred to either the storage dome or the loadout silo, each equipped with a bin vent. The truck loadout station uses telescoping chutes and a negative pressure ventilation system to reduce fugitive emissions. The truck models used will be completely enclosed to reduce fugitive emissions along the transportation route.

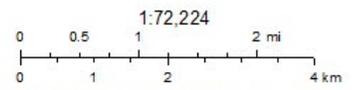


Figure 6. Pictures of the proposed facility type and potential truck model (provided by Duke Energy).



May 24, 2019

- 0.25-mile buffer
- Transportation Route
- Cape Fear STAR® Facility



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

EJSCREEN 2018

Figure 7. Possible transportation route of the high-class F fly ash from the beneficiation plant to the nearest highway (US Highway 1) to the northeast.

Along the northeast transportation route option, the total minority population increased from 5% at the 0.25-mile buffer from the route to, 8% at 1-mile buffer from the route (Table 7.1). The White population decreased from 97% to 95% and the Black or African American population increased from 2% to 4% from .75 miles to 1 mile. The Hispanic or Latino population also increased by one percent as distance increased from .75-miles to 1-mile from the north east route (2% to 3%). As the buffer distance increased from the northeast transportation route, per capita income decreased (from 0.25-miles to 0.75-miles). Most of the lower income ranges increased in percentage as distance from the transportation route increased (from .75 miles to one mile). Additionally, higher income ranges (\$50,000 to \$75,000 and over \$75,000) decreased in percentage points, showing an overall trend toward lower household income as distance from the transportation route increases. This route does not go through the town of Moncure (Figure 7) so it has a smaller total population living in the 1-mile buffer (393 individuals), but a large population living in the 0.25-mile buffer (180 individuals) when compared to the possible northwest transportation route (Figure 8).

Duke Energy Progress LLC-Cape Fear STAR® Facility
Environmental Justice Analysis

Table 7.1. Race and Ethnicity and income for the possible transportation route to the northeast.

Race and Ethnicity	0.25 Miles		0.5 Miles		0.75 Miles		1 Mile	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Population	180	100.0	227	100.0	261	100.0	393	100.0
White	174	97.0	219	97.0	252	97.0	372	95.0
Black or African American	4	2.0	5	2.0	6	2.0	14	4.0
American Indian or Alaska Native	0	0.0	0	0.0	0	0.0	0	0.0
Asian	0	0.0	0	0.0	0	0.0	0	0.0
Native Hawaiian and Other Pacific Islander	0	0.0	0	0.0	0	0.0	0	0.0
Some other Race	0	0.0	0	0.0	0	0.0	3	1.0
Two or More Races	2	1.0	2	1.0	3	1.0	5	1.0
HISPANIC OR LATINO (of any race)	3	2	4	2	5	2	11	3
% Minority (2012-2016 Census)		5		5		5		8

Subject	0.25 Miles			0.5 Miles			0.75 Miles			1 Mile		
	Number	Percent	MOE (\$)	Number	Percent	MOE (\$)	Number	Percent	MOE (\$)	Number	Percent	MOE (\$)
Number of Households	79	100		95	100		107	100		168	100	
Owner Occupied	65	82		78	82		88	82		138	82	
Renter Occupied	14	18		17	18		19	18		31	18	
Per Capita Income (dollars)	27,828			27,288			26,324			26,324		
Household Income												
<\$15,000	16	20	73	19	20	73	22	20	73	29	17	73
\$15,000-\$25,000	3	3	21	3	3	45	3	3	60	8	5	60
\$25,000-\$50,000	8	10	37	9	10	51	11	10	101	25	15	101
\$50,000-\$75,000	20	25	72	24	25	72	27	25	72	41	24	72
\$75,000+	32	41	87	39	41	87	44	41	118	66	39	118

Source: US Census, 2012-2016 ACS (provided through EJSCREEN)

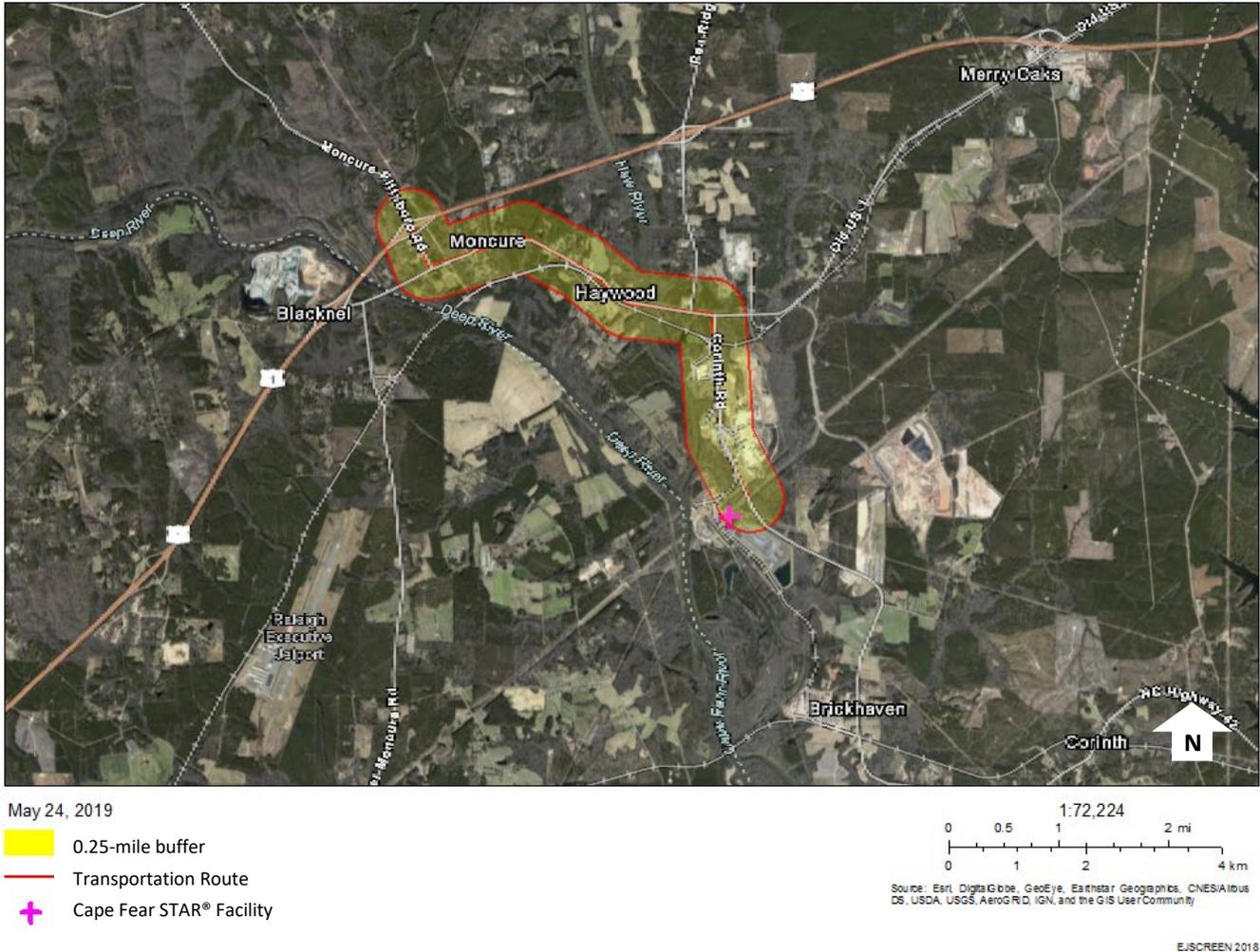


Figure 8. Possible transportation route of the high-class F fly ash from the beneficiation plant to the nearest highway (US Highway 1) to the northwest.

Along the northwest transportation route, the percent minority population decreased from 15% to 14% from 0.25-miles to 0.5 miles, and then increased from 14% to 17% at 1 mile from the route (Table 7.2). The White population also fluctuated, increasing initially (from 88% to 89%) and decreasing at the one-mile radius (85%). The largest non-white population along the north west transportation route was Black or African American, which made up 7% of the total population, until it increased to 10% at one mile from the route. The second largest non-white population was Hispanic or Latino which was 6% of the total population at all distances measured from the route. As distance increases from the northwest transportation route, per capita income slightly decreased. Income ranges of less than \$15,000 increased from 0.75-miles to one mile away from the transportation route (from 9% to 11%), while income range \$25,000 to \$50,000 decreased, showing a slight overall trend toward lower household income as distance from the transportation route increased. This possible transportation route goes northwest through the town of Moncure, which is indicated as the population increases from 128 individuals (fewer individuals than the northeast transportation route) to 702 individuals (larger than that of the alternative route).

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Table 7.2. Race and Ethnicity and income for the possible transportation route to the northwest.

Race and Ethnicity	0.25 Miles		0.5 Miles		0.75 Miles		1 Mile	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Population	128	100.0	333	100.0	434	100.0	702	100.0
White	113	88.0	295	89.0	385	89.0	598	85.0
Black or African American	9	7.0	23	7.0	30	7.0	69	10.0
American Indian or Alaska Native	0	0.0	0	0.0	0	0.0	0	0.0
Asian	0	0.0	0	0.0	0	0.0	1	0.0
Native Hawaiian and Other Pacific Islander	0	0.0	0	0.0	0	0.0	0	0.0
Some other Race	4	3.0	9	3.0	13	3.0	22	3.0
Two or More Races	2	2.0	5	2.0	7	2.0	12	2.0
HISPANIC OR LATINO (of any race)	8	6	20	6	26	6	40	6
% Minority (2012-2016 Census)		15		14		14		17

Subject	0.25 Miles			0.5 Miles			0.75 Miles			1 Mile		
	Number	Percent	MOE(\$)	Number	Percent	MOE (\$)	Number	Percent	MOE (\$)	Number	Percent	MOE (\$)
Number of Households	59	100		147	100		180	100		269	100	
Owner Occupied	48	82		120	82		147	82		219	81	
Renter Occupied	11	18		27	18		33	18		50	19	
Per Capita Income (dollars)	27,288			25,569			25,050			25,050		
Household Income												
<\$15,000	5	9	73	14	9	125	17	9	125	30	11	125
\$15,000-\$25,000	5	9	45	12	8	96	15	8	96	24	9	96
\$25,000-\$50,000	18	30	51	42	29	101	52	29	101	73	27	101
\$50,000-\$75,000	12	20	72	30	20	77	36	20	77	54	20	77
\$75,000+	19	33	87	49	33	118	60	33	118	89	33	118

Source: US Census, 2012-2016 ACS (provided through EJSscreen)



Figure 9. Onsite traffic patterns for trucks moving the ash from the basins to the proposed new beneficiation plant (provided by Duke Energy).

8 Potential Emissions

Potential migration pathways for fly ash during the beneficiation reuse cycle include fugitive emission sources, Bituminous and Subbituminous Coal Combustion, Natural Gas Combustion, Liquefied Petroleum Gas Combustion, Gasoline & Diesel Industrial Engines, Unpaved Roads, Aggregate Handling and Storage Piles, and Industrial Wind Erosion.

Source of Emissions Factors: AP-42 Chapter	Emission Source(s)
1.1 Bituminous and Subbituminous Coal Combustion	FGD byproduct silo FGD absorbent silo EHE heat exchangers
1.4 Natural Gas Combustion	Low NOx burners firing natural gas during the STAR® system startup
1.5 Liquefied Petroleum Gas Combustion	Low NOx burners firing propane during the STAR® system startup
3.3 Gasoline & Diesel Industrial Engines	Screeener engine) Crusher engine
13.2-2 Unpaved Roads	Haul roads
13.2-4 Aggregate Handling and Storage Piles	Wet ash receiving Transfer of material to hopper Ash handing operations
13.2-5 Industrial Wind Erosion	Ash basin

Table 8.1 shows the emissions (in tons per year) from the Cape Fear STAR® Facility from 2011 through 2013, as well as the projected changes in emissions from the proposed beneficiation facility. The 2013 data was exceedingly less than the previous two years' emissions as the plant was no longer active. After 2013, there are no emission reports due to inactivity at the plant. The projected increase in emissions for the beneficiation plant are therefore also the projected total emissions during operations per year.

Table 8.1. Facility Emissions in Tons per Year

Year	Sulfur Dioxide (SO ₂)	Nitrogen Oxide (NO _x)	Volatile Organic Compounds (VOC)	Carbon Monoxide (CO)	Particulate Matter (PM) 10
2013 (Inactive)	3.6	8.6	N/A	0	0.1
2012	3,298.9	705.5	5.9	48.5	87
2011	8,106.2	2,151.9	13.5	113.2	195.7
Projected Increase	112.5	208.5	9.81	98.1	64.8

9 Conclusion

The Cape Fear STAR® Facility is a retired coal-burning facility located on the Cape Fear River in North Carolina (Chatham County).

The site originally began producing electricity in 1923, as a coal-fired power plant. However, all coal-fired units and the oil-fueled combustion turbines were retired in 2012. The plant has been inactive since 2012. Demolition of the plant site was completed in 2017.

This report evaluated the results of the demographic data within the surrounding census tracts, within a 1.5-mile radius of the Cape Fear STAR® Facility, Chatham and Lee Counties, and North Carolina to determine the possibility of any disproportionately high or adverse environmental and human health effects on low-income or minority populations. The projected increase of emissions from the STAR® facility are overall much lower than the emissions from 2011 and 2012, when the plant was still burning coal (Table 15). Cumulative impacts and cancer were the two leading concerns DEQ received from community members surrounding the Cape Fear STAR® Facility. Averages of Chatham and Lee counties for deaths caused by cancer were slightly lower than the state average. Almost all health indicators included in the DEQ environmental justice tool showed this area performed similarly or better than the state average.

Disability characteristics on the census tract level was the main indicator that showed a large amount of potential for concern when compared to the state and county levels (Section 5.3). All other indicators of race and ethnicity, age and sex, income, poverty and limited English proficiency showed few subjects with a greater than 10% difference when compared to the county and state. This analysis shows the data for this area is similar or slightly better than the data for the state as a whole.

WORKS CITED

Data Access and Dissemination Systems (DADS). *American FactFinder*, 5 Oct. 2010, factfinder.census.gov/faces/nav/jsf/pages/index.xhtml.

"EJSCREEN: Environmental Justice Screening and Mapping Tool." *EPA*, Environmental Protection Agency, 17 Aug. 2017, www.epa.gov/ejscreen.

Appendix A.
Demographic terms

Glossary of Terms

This glossary refers to the definitions of each term as provided by the US Census Bureau, LEP.gov, and EJSCREEN.

Age

Census Bureau programs define age as the length of time in completed years that a person has lived. For the most recent decennial census, age was the length of time in completed years that a person had lived as of Census Day--April 1, 2010. The Census Bureau's national surveys compute age as of the interview date.

American Community Survey (ACS)

The American Community Survey (ACS) is a nationwide survey designed to provide communities a fresh look at how they are changing. The ACS replaced the decennial census long form in 2010 and thereafter by collecting long form type information throughout the decade rather than only once every 10 years.

Questionnaires are mailed to a sample of addresses to obtain information about households that is, about each person and the housing unit itself.

The American Community Survey produces demographic, social, housing and economic estimates in the form of 1-year, 3-year and 5-year estimates based on population thresholds. The strength of the ACS is in estimating population and housing characteristics. It produces estimates for small areas, including census tracts and population subgroups.

Although the ACS produces population, demographic and housing unit estimates, the Census Bureau's population estimates program produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns, and estimates of housing units for states and counties.

For 2010 and other decennial census years, the Decennial Census provides the official counts of population and housing units.

American Indian and Alaska Native

A person having origins in any of the original peoples of North and South America (including Central America) and who maintains tribal affiliation or community attachment. This category includes people who indicate their race as "American Indian or Alaska Native" or report entries such as Navajo, Blackfeet, Inupiat, Yup'ik, or Central American Indian groups or South American Indian groups.

Respondents who identified themselves as "American Indian or Alaska Native" were asked to report their enrolled or principal tribe. Therefore, tribal data in tabulations reflect the written entries reported on the questionnaires. Some of the entries (for example, Metlakatla Indian Community and Umatilla) represent reservations or a confederation of

tribes on a reservation. The information on tribe is based on self-identification and, therefore, does not reflect any designation of federally or state-recognized tribe. The information for the 2010 Decennial Census was derived from the American Indian and Alaska Native Tribal Classification List for Decennial Census 2000 and updated from 2002 to 2009 based on the annual Federal Register notice entitled “Indian Entities Recognized and Eligible to Receive Services From the United States Bureau of Indian Affairs,” Department of the Interior, Bureau of Indian Affairs, issued by OMB, and through consultation with American Indian and Alaska Native communities and leaders.

Asian

A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam. This includes people who reported detailed Asian responses such as:

- Asian Indian
- Bangladeshi
- Bhutanese
- Burmese
- Cambodian
- Chinese
- Filipino
- Hmong
- Indonesian
- Japanese
- Korean
- Laotian
- Malaysian
- Nepalese
- Pakistani
- Sri Lankan
- Taiwanese
- Thai
- Vietnamese
- Other Asian, specified
- Other Asian, not specified

Black or African American

A person having origins in any of the Black racial groups of Africa. It includes people who indicate their race as “Black or African American,” or report entries such as African American, Kenyan, Nigerian, or Haitian.

Census

A complete enumeration, usually of a population, but also of businesses and commercial establishments, housing, farms, governments, and so forth.

Census Tract

A small, relatively permanent statistical subdivision of a county delineated by a local committee of census data users for the purpose of presenting data. Census tracts nest within counties, and their boundaries normally follow visible features, but may follow legal geography boundaries and other non-visible features in some instances, Census tracts ideally contain about 4,000 people and 1,600 housing units.

Civilian noninstitutionalized population

All U.S. civilians not residing in institutional group quarters facilities such as correctional institutions, juvenile facilities, skilled nursing facilities, and other long-term care living arrangements.

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 alone or to work at a job or business.

EJSCREEN

EJSCREEN is an environmental justice mapping and screening tool that provides EPA with a nationally consistent dataset and approach for combining environmental and demographic indicators. EJSCREEN users choose a geographic area; the tool then provides demographic and environmental information for that area. All of the EJSCREEN indicators are publicly-available data. EJSCREEN simply provides a way to display this information and includes a method for combining environmental and demographic indicators into EJ indexes.

Ethnicity

The U.S. Census Bureau adheres to the U.S. Office of Management and Budget's (OMB) definition of ethnicity. There are two minimum categories for ethnicity: Hispanic or Latino and Not Hispanic or Latino. OMB considers race and Hispanic origin to be two separate and distinct concepts. Hispanics and Latinos may be of any race.

Hispanic or Latino

Hispanic or Latino refers to a person of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin regardless of race. This includes people who reported detailed Hispanic or Latino groups such as:

- Mexican

- Puerto Rican
- Cuban
- Dominican Republic

Central American (excludes Mexican)

- Costa Rican
- Guatemalan
- Honduran
- Nicaraguan
- Panamanian
- Salvadoran
- Other Central American

South American

- Argentinian
- Bolivian
- Chilean
- Colombian
- Ecuadorian
- Paraguayan
- Peruvian
- Uruguayan
- Venezuelan
- Other South American

Spaniard

- All other Hispanic or Latino

Household

A household includes all the people who occupy a housing unit (such as a house or apartment) as their usual place of residence.

A household includes the related family members and all the unrelated people, if any, such as lodgers, foster children, wards, or employees who share the housing unit. A person living alone in a housing unit, or a group of unrelated people sharing a housing unit such as partners or roomers, is also counted as a household. The count of households excludes group quarters. There are two major categories of households, "family" and "nonfamily."

Household is a standard item in Census Bureau population tables.

Household Income

The sum of the income of all people 15 years and older living in the household. A household includes related family members and all the unrelated people, if any, such as lodgers, foster children, wards, or employees who share the housing unit. A person living alone in a housing unit, or a group of unrelated people sharing a housing unit, is also counted as a household.

Language Spoken at Home

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.

Limited English Proficiency

Individuals who do not speak English as their primary language and who have a limited ability to read, speak, write, or understand English can be limited English proficient, or "LEP." These individuals may be entitled language assistance with respect to a particular type or service, benefit, or encounter.

Native Hawaiian or Other Pacific Islander

A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands. This includes people who reported detailed Pacific Islander responses such as:

- Fijian
- Guamanian or Chamorro
- Marshallese
- Native Hawaiian
- Other Micronesian
- Other Pacific Islander, not specified
- Other Polynesian
- Samoan
- Tongan



Per Capita Income

Per capita income is the mean income computed for every man, woman, and child in a particular group. It is derived by dividing the total income of a particular group by the total population.

Poverty

Following the [Office of Management and Budget's \(OMB's\) Directive 14](#), the Census Bureau uses 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.

Race

The data on race were derived from answers to the question on race. The U.S. Census Bureau collects race data in accordance with guidelines provided by the U.S. Office of Management and Budget (OMB), and these data are based on self-identification. The racial categories included in the census questionnaire generally reflect a social definition

of race recognized in this country and not an attempt to define race biologically, anthropologically, or genetically. In addition, it is recognized that the categories of the race question include race and national origin or sociocultural groups. OMB requires that race data be collected for a minimum of five groups: White, Black or African American, American Indian or Alaska Native, Asian, and Native Hawaiian or other Pacific Islander. OMB permits the Census Bureau to also use a sixth category - Some Other Race. Respondents may report more than one race.

Some other Race

Includes all other responses not included in the “White,” “Black or African American,” “American Indian or Alaska Native,” “Asian,” and “Native Hawaiian or Other Pacific Islander” race categories. Respondents reporting entries such as multiracial, mixed, interracial, or a Hispanic, Latino, or Spanish group (for example, Mexican, Puerto Rican, Cuban, or Spanish) in response to the race question are included in this category.

Two or More Races

People may choose to provide two or more races either by checking two or more race response check boxes, by providing multiple responses, or by some combination of check boxes and other responses. The race response categories shown on the questionnaire are collapsed into the five minimum race groups identified by OMB and the Census Bureau’s “Some Other Race” category. For data product purposes, “Two or More Races” refers to combinations of two or more of the following race categories:

- White
- Black or African American
- American Indian or Alaska Native
- Asian
- Native Hawaiian or Other Pacific Islander
- Some Other Race

White

A person having origins in any of the original peoples of Europe, the Middle East, or North Africa. It includes people who indicate their race as “White” or report entries such as Irish, German, Italian, Lebanese, Arab, Moroccan, or Caucasian.

Appendix B.

Census data from the US Census Bureau and EJ Screen

Location: User-specified point center at 35.591991, -79.042940
 Ring (buffer): 1.5-mile radius
 Description:

Summary of ACS Estimates		2012 - 2016
Population		126
Population Density (per sq. mile)		18
Minority Population		19
% Minority		15%
Households		46
Housing Units		53
Housing Units Built Before 1950		5
Per Capita Income		26,324
Land Area (sq. miles) (Source: SF1)		6.86
% Land Area		93%
Water Area (sq. miles) (Source: SF1)		0.50
% Water Area		7%

	2012 - 2016 ACS Estimates	Percent	MOE (±)
Population by Race			
Total	126	100%	450
Population Reporting One Race	122	97%	773
White	109	87%	331
Black	12	9%	322
American Indian	0	0%	12
Asian	1	1%	53
Pacific Islander	0	0%	12
Some Other Race	0	0%	43
Population Reporting Two or More Races	4	3%	105
Total Hispanic Population	3	3%	125
Total Non-Hispanic Population	122		
White Alone	107	85%	319
Black Alone	12	9%	322
American Indian Alone	0	0%	12
Non-Hispanic Asian Alone	1	1%	53
Pacific Islander Alone	0	0%	12
Other Race Alone	0	0%	12
Two or More Races Alone	3	2%	100
Population by Sex			
Male	65	52%	249
Female	61	48%	274
Population by Age			
Age 0-4	10	8%	114
Age 0-17	34	27%	188
Age 18+	92	73%	308
Age 65+	20	16%	107

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.
 N/A means not available. Source: U.S. Census Bureau, American Community Survey (ACS) 2012 - 2016.

Location: User-specified point center at 35.591991, -79.042940

Ring (buffer): 1.5-mile radius

Description:

	2012 - 2016 ACS Estimates	Percent	MOE (±)
Population 25+ by Educational Attainment			
Total	84	100%	295
Less than 9th Grade	3	4%	58
9th - 12th Grade, No Diploma	12	14%	119
High School Graduate	22	26%	134
Some College, No Degree	32	38%	185
Associate Degree	8	10%	82
Bachelor's Degree or more	15	17%	121
Population Age 5+ Years by Ability to Speak English			
Total	115	100%	456
Speak only English	112	97%	414
Non-English at Home ¹⁺²⁺³⁺⁴	3	3%	83
¹ Speak English "very well"	3	3%	83
² Speak English "well"	0	0%	45
³ Speak English "not well"	0	0%	12
⁴ Speak English "not at all"	0	0%	12
³⁺⁴ Speak English "less than well"	0	0%	12
²⁺³⁺⁴ Speak English "less than very well"	0	0%	45
Linguistically Isolated Households*			
Total	0	0%	45
Speak Spanish	0	0%	43
Speak Other Indo-European Languages	0	0%	12
Speak Asian-Pacific Island Languages	0	0%	12
Speak Other Languages	0	0%	12
Households by Household Income			
Household Income Base	46	100%	120
< \$15,000	8	16%	73
\$15,000 - \$25,000	4	8%	60
\$25,000 - \$50,000	8	17%	101
\$50,000 - \$75,000	9	20%	72
\$75,000 +	18	39%	118
Occupied Housing Units by Tenure			
Total	46	100%	120
Owner Occupied	34	73%	96
Renter Occupied	13	27%	98
Employed Population Age 16+ Years			
Total	97	100%	408
In Labor Force	61	63%	336
Civilian Unemployed in Labor Force	3	4%	87
Not In Labor Force	36	37%	179

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.

N/A means not available. Source: U.S. Census Bureau, American Community Survey (ACS)

*Households in which no one 14 and over speaks English "very well" or speaks English only.

Location: User-specified point center at 35.591991, -79.042940

Ring (buffer): 1.5-mile radius

Description:

	2012 - 2016 ACS Estimates	Percent	MOE (±)
Population by Language Spoken at Home*			
Total (persons age 5 and above)	1,290	100%	289
English	1,248	97%	276
Spanish	25	2%	67
French	0	0%	15
French Creole	N/A	N/A	N/A
Italian	N/A	N/A	N/A
Portuguese	N/A	N/A	N/A
German	10	1%	45
Yiddish	N/A	N/A	N/A
Other West Germanic	N/A	N/A	N/A
Scandinavian	N/A	N/A	N/A
Greek	N/A	N/A	N/A
Russian	N/A	N/A	N/A
Polish	N/A	N/A	N/A
Serbo-Croatian	N/A	N/A	N/A
Other Slavic	N/A	N/A	N/A
Armenian	N/A	N/A	N/A
Persian	N/A	N/A	N/A
Gujarathi	N/A	N/A	N/A
Hindi	N/A	N/A	N/A
Urdu	N/A	N/A	N/A
Other Indic	N/A	N/A	N/A
Other Indo-European	3	0%	15
Chinese	0	0%	12
Japanese	N/A	N/A	N/A
Korean	0	0%	12
Mon-Khmer, Cambodian	N/A	N/A	N/A
Hmong	N/A	N/A	N/A
Thai	N/A	N/A	N/A
Laotian	N/A	N/A	N/A
Vietnamese	0	0%	12
Other Asian	0	0%	12
Tagalog	5	0%	22
Other Pacific Island	N/A	N/A	N/A
Navajo	N/A	N/A	N/A
Other Native American	N/A	N/A	N/A
Hungarian	N/A	N/A	N/A
Arabic	0	0%	12
Hebrew	N/A	N/A	N/A
African	N/A	N/A	N/A
Other and non-specified	0	0%	12
Total Non-English	43	3%	400

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.

N/A means not available. Source: U.S. Census Bureau, American Community Survey (ACS) 2012 - 2016.

*Population by Language Spoken at Home is available at the census tract summary level and up.

Location: User-specified point center at 35.591991, -79.042940

Ring (buffer): 1.5-mile radius

Description:

Summary		Census 2010
Population		113
Population Density (per sq. mile)		16
Minority Population		23
% Minority		21%
Households		50
Housing Units		57
Land Area (sq. miles)		6.89
% Land Area		93%
Water Area (sq. miles)		0.50
% Water Area		7%

Population by Race	Number	Percent
Total	113	-----
Population Reporting One Race	112	99%
White	92	81%
Black	15	13%
American Indian	1	1%
Asian	1	1%
Pacific Islander	0	0%
Some Other Race	4	3%
Population Reporting Two or More Races	1	1%
Total Hispanic Population	7	6%
Total Non-Hispanic Population	106	94%
White Alone	90	79%
Black Alone	14	13%
American Indian Alone	1	1%
Non-Hispanic Asian Alone	1	1%
Pacific Islander Alone	0	0%
Other Race Alone	0	0%
Two or More Races Alone	1	1%

Population by Sex	Number	Percent
Male	56	49%
Female	57	51%

Population by Age	Number	Percent
Age 0-4	8	7%
Age 0-17	27	24%
Age 18+	86	76%
Age 65+	16	14%

Households by Tenure	Number	Percent
Total	50	
Owner Occupied	36	73%
Renter Occupied	13	27%

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.

Source: U.S. Census Bureau, Census 2010 Summary File 1.



QT-P1

Age Groups and Sex: 2010

2010 Census Summary File 1

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see <http://www.census.gov/prod/cen2010/doc/sf1.pdf>.

Geography: Chatham County, North Carolina

Age	Number			Percent	
	Both sexes	Male	Female	Both sexes	Male
Total population	63,505	30,654	32,851	100.0	100.0
Under 5 years	3,917	1,973	1,944	6.2	6.4
5 to 9 years	4,061	2,046	2,015	6.4	6.7
10 to 14 years	3,685	1,913	1,772	5.8	6.2
15 to 19 years	3,383	1,802	1,581	5.3	5.9
20 to 24 years	2,779	1,407	1,372	4.4	4.6
25 to 29 years	3,031	1,479	1,552	4.8	4.8
30 to 34 years	3,516	1,719	1,797	5.5	5.6
35 to 39 years	4,148	2,021	2,127	6.5	6.6
40 to 44 years	4,422	2,220	2,202	7.0	7.2
45 to 49 years	4,696	2,271	2,425	7.4	7.4
50 to 54 years	4,776	2,317	2,459	7.5	7.6
55 to 59 years	4,825	2,306	2,519	7.6	7.5
60 to 64 years	4,635	2,113	2,522	7.3	6.9
65 to 69 years	3,661	1,723	1,938	5.8	5.6
70 to 74 years	2,591	1,205	1,386	4.1	3.9
75 to 79 years	2,103	930	1,173	3.3	3.0
80 to 84 years	1,697	714	983	2.7	2.3
85 to 89 years	1,034	348	686	1.6	1.1
90 years and over	545	147	398	0.9	0.5
Under 18 years	13,841	7,066	6,775	21.8	23.1
18 to 64 years	38,033	18,521	19,512	59.9	60.4
18 to 24 years	3,984	2,075	1,909	6.3	6.8
25 to 44 years	15,117	7,439	7,678	23.8	24.3
25 to 34 years	6,547	3,198	3,349	10.3	10.4
35 to 44 years	8,570	4,241	4,329	13.5	13.8
45 to 64 years	18,932	9,007	9,925	29.8	29.4
45 to 54 years	9,472	4,588	4,884	14.9	15.0
55 to 64 years	9,460	4,419	5,041	14.9	14.4
65 years and over	11,631	5,067	6,564	18.3	16.5
65 to 74 years	6,252	2,928	3,324	9.8	9.6
75 to 84 years	3,800	1,644	2,156	6.0	5.4
85 years and over	1,579	495	1,084	2.5	1.6
16 years and over	51,102	24,319	26,783	80.5	79.3
18 years and over	49,664	23,588	26,076	78.2	76.9
21 years and over	47,943	22,674	25,269	75.5	74.0
60 years and over	16,266	7,180	9,086	25.6	23.4
62 years and over	14,432	6,330	8,102	22.7	20.6
67 years and over	10,074	4,315	5,759	15.9	14.1
75 years and over	5,379	2,139	3,240	8.5	7.0

Age	Number			Percent	
	Both sexes	Male	Female	Both sexes	Male
Median age (years)	43.6	42.1	45.1	(X)	(X)

Age	Percent	Males per 100 females
	Female	
Total population	100.0	93.3
Under 5 years	5.9	101.5
5 to 9 years	6.1	101.5
10 to 14 years	5.4	108.0
15 to 19 years	4.8	114.0
20 to 24 years	4.2	102.6
25 to 29 years	4.7	95.3
30 to 34 years	5.5	95.7
35 to 39 years	6.5	95.0
40 to 44 years	6.7	100.8
45 to 49 years	7.4	93.6
50 to 54 years	7.5	94.2
55 to 59 years	7.7	91.5
60 to 64 years	7.7	83.8
65 to 69 years	5.9	88.9
70 to 74 years	4.2	86.9
75 to 79 years	3.6	79.3
80 to 84 years	3.0	72.6
85 to 89 years	2.1	50.7
90 years and over	1.2	36.9
Under 18 years	20.6	104.3
18 to 64 years	59.4	94.9
18 to 24 years	5.8	108.7
25 to 44 years	23.4	96.9
25 to 34 years	10.2	95.5
35 to 44 years	13.2	98.0
45 to 64 years	30.2	90.8
45 to 54 years	14.9	93.9
55 to 64 years	15.3	87.7
65 years and over	20.0	77.2
65 to 74 years	10.1	88.1
75 to 84 years	6.6	76.3
85 years and over	3.3	45.7
16 years and over	81.5	90.8
18 years and over	79.4	90.5
21 years and over	76.9	89.7
60 years and over	27.7	79.0
62 years and over	24.7	78.1
67 years and over	17.5	74.9
75 years and over	9.9	66.0
Median age (years)	(X)	(X)

X Not applicable.

Source: U.S. Census Bureau, 2010 Census.

Summary File 1, Tables P12, P13, and PCT12.



QT-P3

Race and Hispanic or Latino Origin: 2010

2010 Census Summary File 1

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see <http://www.census.gov/prod/cen2010/doc/sf1.pdf>.

Geography: Chatham County, North Carolina

Subject	Number	Percent
RACE		
Total population	63,505	100.0
One race	62,319	98.1
White	48,237	76.0
Black or African American	8,392	13.2
American Indian and Alaska Native	344	0.5
American Indian, specified [1]	184	0.3
Alaska Native, specified [1]	0	0.0
Both American Indian and Alaska Native, specified	0	0.0
[1] American Indian or Alaska Native, not specified	160	0.3
Asian	703	1.1
Native Hawaiian and Other Pacific Islander	24	0.0
Some Other Race	4,619	7.3
Two or More Races	1,186	1.9
Two races with Some Other Race	322	0.5
Two races without Some Other Race	802	1.3
Three or more races with Some Other Race	22	0.0
Three or more races without Some Other Race	40	0.1
HISPANIC OR LATINO		
Total population	63,505	100.0
Hispanic or Latino (of any race)	8,228	13.0
Mexican	5,842	9.2
Puerto Rican	210	0.3
Cuban	70	0.1
Other Hispanic or Latino [2]	2,106	3.3
Not Hispanic or Latino	55,277	87.0
RACE AND HISPANIC OR LATINO		
Total population	63,505	100.0
One race	62,319	98.1
Hispanic or Latino	7,861	12.4
Not Hispanic or Latino	54,458	85.8
Two or More Races	1,186	1.9
Hispanic or Latino	367	0.6
Not Hispanic or Latino	819	1.3

X Not applicable.

[1] "American Indian, specified" includes people who provided a specific American Indian tribe, such as Navajo or Blackfeet. "Alaska Native, specified" includes people who provided a specific Alaska Native group, such as Inupiat or Yup'ik.

[2] This category is comprised of people whose origins are from the Dominican Republic, Spain, and Spanish-speaking Central or South American countries. It also includes general origin responses such as "Latino" or "Hispanic."

Source: U.S. Census Bureau, 2010 Census.



QT-P1

Age Groups and Sex: 2010

2010 Census Summary File 1

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see <http://www.census.gov/prod/cen2010/doc/sf1.pdf>.

Geography: Lee County, North Carolina

Age	Number			Percent	
	Both sexes	Male	Female	Both sexes	Male
Total population	57,866	28,264	29,602	100.0	100.0
Under 5 years	4,221	2,122	2,099	7.3	7.5
5 to 9 years	4,055	2,083	1,972	7.0	7.4
10 to 14 years	4,125	2,083	2,042	7.1	7.4
15 to 19 years	3,883	2,033	1,850	6.7	7.2
20 to 24 years	3,417	1,743	1,674	5.9	6.2
25 to 29 years	3,727	1,850	1,877	6.4	6.5
30 to 34 years	3,778	1,855	1,923	6.5	6.6
35 to 39 years	3,868	1,901	1,967	6.7	6.7
40 to 44 years	3,849	1,939	1,910	6.7	6.9
45 to 49 years	4,171	2,084	2,087	7.2	7.4
50 to 54 years	3,996	1,938	2,058	6.9	6.9
55 to 59 years	3,608	1,771	1,837	6.2	6.3
60 to 64 years	3,231	1,533	1,698	5.6	5.4
65 to 69 years	2,540	1,189	1,351	4.4	4.2
70 to 74 years	1,821	789	1,032	3.1	2.8
75 to 79 years	1,510	654	856	2.6	2.3
80 to 84 years	1,068	406	662	1.8	1.4
85 to 89 years	674	210	464	1.2	0.7
90 years and over	324	81	243	0.6	0.3
Under 18 years	14,860	7,545	7,315	25.7	26.7
18 to 64 years	35,069	17,390	17,679	60.6	61.5
18 to 24 years	4,841	2,519	2,322	8.4	8.9
25 to 44 years	15,222	7,545	7,677	26.3	26.7
25 to 34 years	7,505	3,705	3,800	13.0	13.1
35 to 44 years	7,717	3,840	3,877	13.3	13.6
45 to 64 years	15,006	7,326	7,680	25.9	25.9
45 to 54 years	8,167	4,022	4,145	14.1	14.2
55 to 64 years	6,839	3,304	3,535	11.8	11.7
65 years and over	7,937	3,329	4,608	13.7	11.8
65 to 74 years	4,361	1,978	2,383	7.5	7.0
75 to 84 years	2,578	1,060	1,518	4.5	3.8
85 years and over	998	291	707	1.7	1.0
16 years and over	44,652	21,565	23,087	77.2	76.3
18 years and over	43,006	20,719	22,287	74.3	73.3
21 years and over	40,899	19,600	21,299	70.7	69.3
60 years and over	11,168	4,862	6,306	19.3	17.2
62 years and over	9,849	4,243	5,606	17.0	15.0
67 years and over	6,905	2,816	4,089	11.9	10.0
75 years and over	3,576	1,351	2,225	6.2	4.8

Age	Number			Percent	
	Both sexes	Male	Female	Both sexes	Male
Median age (years)	37.4	35.9	38.6	(X)	(X)

Age	Percent	Males per 100 females
	Female	
Total population	100.0	95.5
Under 5 years	7.1	101.1
5 to 9 years	6.7	105.6
10 to 14 years	6.9	102.0
15 to 19 years	6.2	109.9
20 to 24 years	5.7	104.1
25 to 29 years	6.3	98.6
30 to 34 years	6.5	96.5
35 to 39 years	6.6	96.6
40 to 44 years	6.5	101.5
45 to 49 years	7.1	99.9
50 to 54 years	7.0	94.2
55 to 59 years	6.2	96.4
60 to 64 years	5.7	90.3
65 to 69 years	4.6	88.0
70 to 74 years	3.5	76.5
75 to 79 years	2.9	76.4
80 to 84 years	2.2	61.3
85 to 89 years	1.6	45.3
90 years and over	0.8	33.3
Under 18 years	24.7	103.1
18 to 64 years	59.7	98.4
18 to 24 years	7.8	108.5
25 to 44 years	25.9	98.3
25 to 34 years	12.8	97.5
35 to 44 years	13.1	99.0
45 to 64 years	25.9	95.4
45 to 54 years	14.0	97.0
55 to 64 years	11.9	93.5
65 years and over	15.6	72.2
65 to 74 years	8.1	83.0
75 to 84 years	5.1	69.8
85 years and over	2.4	41.2
16 years and over	78.0	93.4
18 years and over	75.3	93.0
21 years and over	72.0	92.0
60 years and over	21.3	77.1
62 years and over	18.9	75.7
67 years and over	13.8	68.9
75 years and over	7.5	60.7
Median age (years)	(X)	(X)

X Not applicable.

Source: U.S. Census Bureau, 2010 Census.

Summary File 1, Tables P12, P13, and PCT12.



QT-P3

Race and Hispanic or Latino Origin: 2010

2010 Census Summary File 1

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see <http://www.census.gov/prod/cen2010/doc/sf1.pdf>.

Geography: Lee County, North Carolina

Subject	Number	Percent
RACE		
Total population	57,866	100.0
One race	56,455	97.6
White	38,688	66.9
Black or African American	11,565	20.0
American Indian and Alaska Native	407	0.7
American Indian, specified [1]	239	0.4
Alaska Native, specified [1]	0	0.0
Both American Indian and Alaska Native, specified	0	0.0
[1] American Indian or Alaska Native, not specified	168	0.3
Asian	489	0.8
Native Hawaiian and Other Pacific Islander	20	0.0
Some Other Race	5,286	9.1
Two or More Races	1,411	2.4
Two races with Some Other Race	527	0.9
Two races without Some Other Race	798	1.4
Three or more races with Some Other Race	29	0.1
Three or more races without Some Other Race	57	0.1
HISPANIC OR LATINO		
Total population	57,866	100.0
Hispanic or Latino (of any race)	10,576	18.3
Mexican	6,898	11.9
Puerto Rican	594	1.0
Cuban	43	0.1
Other Hispanic or Latino [2]	3,041	5.3
Not Hispanic or Latino	47,290	81.7
RACE AND HISPANIC OR LATINO		
Total population	57,866	100.0
One race	56,455	97.6
Hispanic or Latino	9,944	17.2
Not Hispanic or Latino	46,511	80.4
Two or More Races	1,411	2.4
Hispanic or Latino	632	1.1
Not Hispanic or Latino	779	1.3

X Not applicable.

[1] "American Indian, specified" includes people who provided a specific American Indian tribe, such as Navajo or Blackfeet. "Alaska Native, specified" includes people who provided a specific Alaska Native group, such as Inupiat or Yup'ik.

[2] This category is comprised of people whose origins are from the Dominican Republic, Spain, and Spanish-speaking Central or South American countries. It also includes general origin responses such as "Latino" or "Hispanic."

Source: U.S. Census Bureau, 2010 Census.



S1701

POVERTY STATUS IN THE PAST 12 MONTHS

2012-2016 American Community Survey 5-Year Estimates

Supporting documentation on code lists, subject definitions, data accuracy, and statistical testing can be found on the American Community Survey website in the Data and Documentation section.

Sample size and data quality measures (including coverage rates, allocation rates, and response rates) can be found on the American Community Survey website in the Methodology section.

Tell us what you think. Provide feedback to help make American Community Survey data more useful for you.

Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns and estimates of housing units for states and counties.

Subject	Chatham County, North Carolina				
	Total		Below poverty level		Percent below poverty level
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate
Population for whom poverty status is determined	67,758	+/-216	9,185	+/-912	13.6%
AGE					
Under 18 years	13,628	+/-165	2,858	+/-481	21.0%
Under 5 years	3,275	+/-99	761	+/-207	23.2%
5 to 17 years	10,353	+/-146	2,097	+/-408	20.3%
Related children of householder under 18 years	13,572	+/-173	2,809	+/-483	20.7%
18 to 64 years	38,222	+/-236	5,058	+/-548	13.2%
18 to 34 years	10,362	+/-190	1,634	+/-333	15.8%
35 to 64 years	27,860	+/-232	3,424	+/-503	12.3%
60 years and over	20,775	+/-433	1,636	+/-265	7.9%
65 years and over	15,908	+/-252	1,269	+/-250	8.0%
SEX					
Male	32,770	+/-244	4,484	+/-502	13.7%
Female	34,988	+/-256	4,701	+/-624	13.4%
RACE AND HISPANIC OR LATINO ORIGIN					
White alone	54,674	+/-689	6,341	+/-870	11.6%
Black or African American alone	7,922	+/-373	1,791	+/-376	22.6%
American Indian and Alaska Native alone	185	+/-111	125	+/-114	67.6%
Asian alone	975	+/-128	26	+/-40	2.7%
Native Hawaiian and Other Pacific Islander alone	43	+/-46	0	+/-28	0.0%
Some other race alone	2,290	+/-682	552	+/-409	24.1%
Two or more races	1,669	+/-323	350	+/-169	21.0%
Hispanic or Latino origin (of any race)	8,487	+/-21	2,736	+/-551	32.2%
White alone, not Hispanic or Latino	48,710	+/-221	4,348	+/-752	8.9%
EDUCATIONAL ATTAINMENT					
Population 25 years and over	49,915	+/-224	5,715	+/-560	11.4%
Less than high school graduate	6,364	+/-502	1,657	+/-330	26.0%

Subject	Chatham County, North Carolina				
	Total		Below poverty level		Percent below poverty level
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate
High school graduate (includes equivalency)	10,770	+/-709	1,804	+/-355	16.8%
Some college, associate's degree	13,242	+/-729	1,326	+/-334	10.0%
Bachelor's degree or higher	19,539	+/-848	928	+/-283	4.7%
EMPLOYMENT STATUS					
Civilian labor force 16 years and over	32,195	+/-634	2,825	+/-427	8.8%
Employed	29,698	+/-732	1,844	+/-283	6.2%
Male	15,753	+/-544	1,049	+/-228	6.7%
Female	13,945	+/-530	795	+/-175	5.7%
Unemployed	2,497	+/-422	981	+/-285	39.3%
Male	1,446	+/-359	550	+/-213	38.0%
Female	1,051	+/-235	431	+/-190	41.0%
WORK EXPERIENCE					
Population 16 years and over	55,647	+/-212	6,522	+/-630	11.7%
Worked full-time, year-round in the past 12 months	20,785	+/-834	326	+/-129	1.6%
Worked part-time or part-year in the past 12 months	12,415	+/-762	2,174	+/-386	17.5%
Did not work	22,447	+/-703	4,022	+/-482	17.9%
ALL INDIVIDUALS WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS					
50 percent of poverty level	3,669	+/-737	(X)	(X)	(X)
125 percent of poverty level	11,952	+/-1,033	(X)	(X)	(X)
150 percent of poverty level	15,041	+/-1,044	(X)	(X)	(X)
185 percent of poverty level	19,808	+/-1,207	(X)	(X)	(X)
200 percent of poverty level	21,052	+/-1,288	(X)	(X)	(X)
300 percent of poverty level	30,490	+/-1,463	(X)	(X)	(X)
400 percent of poverty level	39,251	+/-1,419	(X)	(X)	(X)
500 percent of poverty level	45,647	+/-1,274	(X)	(X)	(X)
UNRELATED INDIVIDUALS FOR WHOM POVERTY STATUS IS DETERMINED					
Male	4,889	+/-525	1,252	+/-263	25.6%
Female	6,652	+/-520	1,647	+/-354	24.8%
15 years	31	+/-36	31	+/-36	100.0%
16 to 17 years	20	+/-22	13	+/-21	65.0%
18 to 24 years	664	+/-221	301	+/-143	45.3%
25 to 34 years	1,403	+/-288	343	+/-170	24.4%
35 to 44 years	1,132	+/-240	379	+/-141	33.5%
45 to 54 years	1,723	+/-377	628	+/-249	36.4%
55 to 64 years	1,916	+/-264	522	+/-157	27.2%
65 to 74 years	1,992	+/-291	290	+/-158	14.6%
75 years and over	2,660	+/-291	392	+/-178	14.7%
Mean income deficit for unrelated individuals (dollars)	6,876	+/-716	(X)	(X)	(X)
Worked full-time, year-round in the past 12 months	3,671	+/-446	87	+/-79	2.4%
Worked less than full-time, year-round in the past 12 months	2,177	+/-356	836	+/-230	38.4%
Did not work	5,693	+/-547	1,976	+/-401	34.7%

Subject	Chatham County, North Carolina	Lee County, North Carolina			
	Percent below poverty level	Total		Below poverty level	
	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Population for whom poverty status is determined	+/-1.3	58,358	+/-304	10,673	+/-1,197
AGE					
Under 18 years	+/-3.5	14,736	+/-212	3,855	+/-596
Under 5 years	+/-6.3	3,936	+/-55	1,159	+/-248
5 to 17 years	+/-3.9	10,800	+/-210	2,696	+/-452
Related children of householder under 18 years	+/-3.5	14,670	+/-227	3,796	+/-595
18 to 64 years	+/-1.4	34,962	+/-255	5,720	+/-684
18 to 34 years	+/-3.2	12,241	+/-155	2,453	+/-429
35 to 64 years	+/-1.8	22,721	+/-213	3,267	+/-508
60 years and over	+/-1.3	11,826	+/-348	1,557	+/-291
65 years and over	+/-1.5	8,660	+/-164	1,098	+/-242
SEX					
Male	+/-1.5	28,372	+/-260	4,462	+/-649
Female	+/-1.8	29,986	+/-259	6,211	+/-712
RACE AND HISPANIC OR LATINO ORIGIN					
White alone	+/-1.6	41,084	+/-827	6,148	+/-1,043
Black or African American alone	+/-4.7	10,786	+/-341	2,719	+/-519
American Indian and Alaska Native alone	+/-31.4	400	+/-71	72	+/-76
Asian alone	+/-4.2	626	+/-75	95	+/-86
Native Hawaiian and Other Pacific Islander alone	+/-45.2	52	+/-57	32	+/-49
Some other race alone	+/-15.4	3,975	+/-800	1,097	+/-525
Two or more races	+/-9.6	1,435	+/-346	510	+/-255
Hispanic or Latino origin (of any race)	+/-6.5	11,356	+/-56	3,744	+/-894
White alone, not Hispanic or Latino	+/-1.5	34,188	+/-200	3,719	+/-606
EDUCATIONAL ATTAINMENT					
Population 25 years and over	+/-1.1	38,681	+/-207	5,693	+/-664
Less than high school graduate	+/-4.3	7,215	+/-582	2,073	+/-375
High school graduate (includes equivalency)	+/-3.0	9,991	+/-599	1,960	+/-397
Some college, associate's degree	+/-2.5	13,285	+/-709	1,312	+/-263
Bachelor's degree or higher	+/-1.4	8,190	+/-539	348	+/-144
EMPLOYMENT STATUS					
Civilian labor force 16 years and over	+/-1.3	28,598	+/-615	3,446	+/-509
Employed	+/-0.9	25,921	+/-675	2,537	+/-413
Male	+/-1.4	13,540	+/-426	1,122	+/-278
Female	+/-1.2	12,381	+/-526	1,415	+/-300
Unemployed	+/-7.8	2,677	+/-393	909	+/-226
Male	+/-10.2	1,400	+/-270	298	+/-133
Female	+/-13.7	1,277	+/-278	611	+/-205
WORK EXPERIENCE					
Population 16 years and over	+/-1.1	45,236	+/-291	7,154	+/-807
Worked full-time, year-round in the past 12 months	+/-0.6	18,873	+/-605	851	+/-221
Worked part-time or part-year in the past 12 months	+/-2.8	10,437	+/-614	2,311	+/-435
Did not work	+/-2.0	15,926	+/-651	3,992	+/-561
ALL INDIVIDUALS WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS					
50 percent of poverty level	(X)	3,691	+/-689	(X)	(X)
125 percent of poverty level	(X)	14,575	+/-1,139	(X)	(X)
150 percent of poverty level	(X)	17,743	+/-1,185	(X)	(X)
185 percent of poverty level	(X)	21,071	+/-1,210	(X)	(X)

Subject	Chatham County, North Carolina	Lee County, North Carolina			
	Percent below poverty level	Total		Below poverty level	
	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
200 percent of poverty level	(X)	22,901	+/-1,234	(X)	(X)
300 percent of poverty level	(X)	33,572	+/-1,268	(X)	(X)
400 percent of poverty level	(X)	42,787	+/-1,122	(X)	(X)
500 percent of poverty level	(X)	48,113	+/-954	(X)	(X)
UNRELATED INDIVIDUALS FOR WHOM POVERTY STATUS IS DETERMINED	+/-3.2	9,056	+/-607	2,876	+/-367
Male	+/-4.4	4,173	+/-406	1,197	+/-270
Female	+/-4.3	4,883	+/-363	1,679	+/-248
15 years	+/-53.3	8	+/-11	8	+/-11
16 to 17 years	+/-65.0	43	+/-42	43	+/-42
18 to 24 years	+/-16.0	844	+/-207	440	+/-161
25 to 34 years	+/-10.6	1,242	+/-227	438	+/-139
35 to 44 years	+/-10.8	1,119	+/-226	190	+/-87
45 to 54 years	+/-9.4	1,388	+/-284	554	+/-213
55 to 64 years	+/-6.3	1,769	+/-221	649	+/-187
65 to 74 years	+/-7.2	1,380	+/-190	343	+/-106
75 years and over	+/-6.5	1,263	+/-182	211	+/-76
Mean income deficit for unrelated individuals (dollars)	(X)	6,157	+/-677	(X)	(X)
Worked full-time, year-round in the past 12 months	+/-2.1	3,176	+/-408	220	+/-99
Worked less than full-time, year-round in the past 12 months	+/-7.8	1,870	+/-257	848	+/-185
Did not work	+/-5.7	4,010	+/-417	1,808	+/-283

Subject	Lee County, North Carolina	
	Percent below poverty level	
	Estimate	Margin of Error
Population for whom poverty status is determined	18.3%	+/-2.1
AGE		
Under 18 years	26.2%	+/-4.0
Under 5 years	29.4%	+/-6.3
5 to 17 years	25.0%	+/-4.2
Related children of householder under 18 years	25.9%	+/-4.0
18 to 64 years	16.4%	+/-2.0
18 to 34 years	20.0%	+/-3.5
35 to 64 years	14.4%	+/-2.2
60 years and over	13.2%	+/-2.5
65 years and over	12.7%	+/-2.8
SEX		
Male	15.7%	+/-2.3
Female	20.7%	+/-2.4
RACE AND HISPANIC OR LATINO ORIGIN		
White alone	15.0%	+/-2.5
Black or African American alone	25.2%	+/-4.8
American Indian and Alaska Native alone	18.0%	+/-19.5
Asian alone	15.2%	+/-13.7
Native Hawaiian and Other Pacific Islander alone	61.5%	+/-61.5
Some other race alone	27.6%	+/-12.0
Two or more races	35.5%	+/-14.3
Hispanic or Latino origin (of any race)	33.0%	+/-7.9
White alone, not Hispanic or Latino	10.9%	+/-1.8
EDUCATIONAL ATTAINMENT		
Population 25 years and over	14.7%	+/-1.7
Less than high school graduate	28.7%	+/-4.6
High school graduate (includes equivalency)	19.6%	+/-3.5
Some college, associate's degree	9.9%	+/-2.0
Bachelor's degree or higher	4.2%	+/-1.7
EMPLOYMENT STATUS		
Civilian labor force 16 years and over	12.0%	+/-1.8
Employed	9.8%	+/-1.6
Male	8.3%	+/-2.0
Female	11.4%	+/-2.4
Unemployed	34.0%	+/-7.2
Male	21.3%	+/-9.3
Female	47.8%	+/-10.6
WORK EXPERIENCE		
Population 16 years and over	15.8%	+/-1.8
Worked full-time, year-round in the past 12 months	4.5%	+/-1.2
Worked part-time or part-year in the past 12 months	22.1%	+/-3.9
Did not work	25.1%	+/-3.2
ALL INDIVIDUALS WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS		
50 percent of poverty level	(X)	(X)
125 percent of poverty level	(X)	(X)
150 percent of poverty level	(X)	(X)
185 percent of poverty level	(X)	(X)
200 percent of poverty level	(X)	(X)
300 percent of poverty level	(X)	(X)

Subject	Lee County, North Carolina	
	Percent below poverty level	
	Estimate	Margin of Error
400 percent of poverty level	(X)	(X)
500 percent of poverty level	(X)	(X)
UNRELATED INDIVIDUALS FOR WHOM POVERTY STATUS IS DETERMINED	31.8%	+/-3.4
Male	28.7%	+/-5.3
Female	34.4%	+/-4.3
15 years	100.0%	+/-100.0
16 to 17 years	100.0%	+/-45.2
18 to 24 years	52.1%	+/-12.6
25 to 34 years	35.3%	+/-8.4
35 to 44 years	17.0%	+/-7.6
45 to 54 years	39.9%	+/-11.1
55 to 64 years	36.7%	+/-8.8
65 to 74 years	24.9%	+/-6.9
75 years and over	16.7%	+/-5.7
Mean income deficit for unrelated individuals (dollars)	(X)	(X)
Worked full-time, year-round in the past 12 months	6.9%	+/-3.0
Worked less than full-time, year-round in the past 12 months	45.3%	+/-8.1
Did not work	45.1%	+/-4.9

Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to nonsampling error (for a discussion of nonsampling variability, see Accuracy of the Data). The effect of nonsampling error is not represented in these tables.

While the 2012-2016 American Community Survey (ACS) data generally reflect the February 2013 Office of Management and Budget (OMB) definitions of metropolitan and micropolitan statistical areas; in certain instances the names, codes, and boundaries of the principal cities shown in ACS tables may differ from the OMB definitions due to differences in the effective dates of the geographic entities.

Estimates of urban and rural population, housing units, and characteristics reflect boundaries of urban areas defined based on Census 2010 data. As a result, data for urban and rural areas from the ACS do not necessarily reflect the results of ongoing urbanization.

Source: U.S. Census Bureau, 2012-2016 American Community Survey 5-Year Estimates

Explanation of Symbols:

1. An '***' entry in the margin of error column indicates that either no sample observations or too few sample observations were available to compute a standard error and thus the margin of error. A statistical test is not appropriate.
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3. An '-' following a median estimate means the median falls in the lowest interval of an open-ended distribution.
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6. An '*****' entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate.
7. An 'N' entry in the estimate and margin of error columns indicates that data for this geographic area cannot be displayed because the number of sample cases is too small.
8. An '(X)' means that the estimate is not applicable or not available.



S1701

POVERTY STATUS IN THE PAST 12 MONTHS

2012-2016 American Community Survey 5-Year Estimates

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Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns and estimates of housing units for states and counties.

Subject	Census Tract 207.02, Chatham County, North Carolina				
	Total		Below poverty level		Percent below poverty level
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate
Population for whom poverty status is determined	3,976	+/-305	376	+/-188	9.5%
AGE					
Under 18 years	814	+/-129	39	+/-52	4.8%
Under 5 years	196	+/-94	0	+/-12	0.0%
5 to 17 years	618	+/-108	39	+/-52	6.3%
Related children of householder under 18 years	814	+/-129	39	+/-52	4.8%
18 to 64 years	2,395	+/-281	240	+/-135	10.0%
18 to 34 years	549	+/-186	1	+/-2	0.2%
35 to 64 years	1,846	+/-214	239	+/-135	12.9%
60 years and over	1,121	+/-166	166	+/-96	14.8%
65 years and over	767	+/-115	97	+/-70	12.6%
SEX					
Male	2,084	+/-210	215	+/-134	10.3%
Female	1,892	+/-216	161	+/-82	8.5%
RACE AND HISPANIC OR LATINO ORIGIN					
White alone	3,758	+/-292	322	+/-180	8.6%
Black or African American alone	126	+/-87	54	+/-49	42.9%
American Indian and Alaska Native alone	19	+/-33	0	+/-12	0.0%
Asian alone	8	+/-13	0	+/-12	0.0%
Native Hawaiian and Other Pacific Islander alone	0	+/-12	0	+/-12	-
Some other race alone	36	+/-46	0	+/-12	0.0%
Two or more races	29	+/-34	0	+/-12	0.0%
Hispanic or Latino origin (of any race)	82	+/-73	27	+/-45	32.9%
White alone, not Hispanic or Latino	3,704	+/-292	296	+/-173	8.0%
EDUCATIONAL ATTAINMENT					
Population 25 years and over	2,912	+/-274	336	+/-163	11.5%
Less than high school graduate	242	+/-107	72	+/-64	29.8%

Subject	Census Tract 207.02, Chatham County, North Carolina				
	Total		Below poverty level		Percent below poverty level
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate
High school graduate (includes equivalency)	744	+/-223	159	+/-118	21.4%
Some college, associate's degree	1,031	+/-172	53	+/-44	5.1%
Bachelor's degree or higher	895	+/-177	52	+/-40	5.8%
EMPLOYMENT STATUS					
Civilian labor force 16 years and over	1,943	+/-226	96	+/-78	4.9%
Employed	1,834	+/-225	48	+/-51	2.6%
Male	985	+/-173	22	+/-38	2.2%
Female	849	+/-171	26	+/-24	3.1%
Unemployed	109	+/-81	48	+/-58	44.0%
Male	65	+/-60	48	+/-58	73.8%
Female	44	+/-44	0	+/-12	0.0%
WORK EXPERIENCE					
Population 16 years and over	3,264	+/-294	337	+/-163	10.3%
Worked full-time, year-round in the past 12 months	1,295	+/-187	27	+/-45	2.1%
Worked part-time or part-year in the past 12 months	762	+/-166	53	+/-52	7.0%
Did not work	1,207	+/-236	257	+/-146	21.3%
ALL INDIVIDUALS WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS					
50 percent of poverty level	118	+/-104	(X)	(X)	(X)
125 percent of poverty level	400	+/-192	(X)	(X)	(X)
150 percent of poverty level	526	+/-232	(X)	(X)	(X)
185 percent of poverty level	692	+/-224	(X)	(X)	(X)
200 percent of poverty level	715	+/-223	(X)	(X)	(X)
300 percent of poverty level	1,565	+/-362	(X)	(X)	(X)
400 percent of poverty level	2,433	+/-361	(X)	(X)	(X)
500 percent of poverty level	2,710	+/-332	(X)	(X)	(X)
UNRELATED INDIVIDUALS FOR WHOM POVERTY STATUS IS DETERMINED					
Male	511	+/-152	210	+/-121	41.1%
Female	328	+/-136	133	+/-109	40.5%
	183	+/-76	77	+/-47	42.1%
15 years	0	+/-12	0	+/-12	-
16 to 17 years	0	+/-12	0	+/-12	-
18 to 24 years	24	+/-38	1	+/-2	4.2%
25 to 34 years	1	+/-3	0	+/-12	0.0%
35 to 44 years	74	+/-56	28	+/-33	37.8%
45 to 54 years	148	+/-106	80	+/-93	54.1%
55 to 64 years	102	+/-64	61	+/-52	59.8%
65 to 74 years	54	+/-38	0	+/-12	0.0%
75 years and over	108	+/-58	40	+/-39	37.0%
Mean income deficit for unrelated individuals (dollars)	7,306	+/-3,192	(X)	(X)	(X)
Worked full-time, year-round in the past 12 months	163	+/-92	27	+/-45	16.6%
Worked less than full-time, year-round in the past 12 months	62	+/-32	17	+/-19	27.4%
Did not work	286	+/-119	166	+/-113	58.0%

Subject	Census Tract 207.02, Chatham County, North Carolina	Census Tract 307.01, Lee County, North Carolina			
	Percent below poverty level	Total		Below poverty level	
	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Population for whom poverty status is determined	+/-4.5	5,403	+/-427	757	+/-299
AGE					
Under 18 years	+/-6.3	1,407	+/-177	248	+/-136
Under 5 years	+/-15.2	512	+/-163	181	+/-121
5 to 17 years	+/-8.1	895	+/-169	67	+/-53
Related children of householder under 18 years	+/-6.3	1,407	+/-177	248	+/-136
18 to 64 years	+/-5.2	3,318	+/-390	398	+/-171
18 to 34 years	+/-0.4	1,362	+/-272	277	+/-131
35 to 64 years	+/-6.7	1,956	+/-257	121	+/-71
60 years and over	+/-8.6	794	+/-138	111	+/-90
65 years and over	+/-9.4	678	+/-143	111	+/-90
SEX					
Male	+/-5.9	2,761	+/-262	316	+/-190
Female	+/-4.3	2,642	+/-283	441	+/-173
RACE AND HISPANIC OR LATINO ORIGIN					
White alone	+/-4.6	3,692	+/-330	471	+/-270
Black or African American alone	+/-29.5	1,038	+/-339	176	+/-140
American Indian and Alaska Native alone	+/-68.0	12	+/-19	0	+/-17
Asian alone	+/-100.0	75	+/-57	0	+/-17
Native Hawaiian and Other Pacific Islander alone	**	0	+/-17	0	+/-17
Some other race alone	+/-49.4	356	+/-75	26	+/-38
Two or more races	+/-55.1	230	+/-105	84	+/-90
Hispanic or Latino origin (of any race)	+/-45.8	584	+/-162	139	+/-119
White alone, not Hispanic or Latino	+/-4.5	3,534	+/-302	416	+/-253
EDUCATIONAL ATTAINMENT					
Population 25 years and over	+/-5.2	3,321	+/-315	336	+/-193
Less than high school graduate	+/-20.4	552	+/-215	30	+/-30
High school graduate (includes equivalency)	+/-11.7	895	+/-194	155	+/-140
Some college, associate's degree	+/-4.3	1,118	+/-196	117	+/-76
Bachelor's degree or higher	+/-4.6	756	+/-164	34	+/-29
EMPLOYMENT STATUS					
Civilian labor force 16 years and over	+/-3.9	2,798	+/-379	235	+/-109
Employed	+/-2.8	2,675	+/-336	220	+/-110
Male	+/-3.9	1,427	+/-204	57	+/-63
Female	+/-2.8	1,248	+/-202	163	+/-77
Unemployed	+/-33.4	123	+/-93	15	+/-16
Male	+/-34.9	86	+/-82	15	+/-16
Female	+/-44.7	37	+/-44	0	+/-17
WORK EXPERIENCE					
Population 16 years and over	+/-4.7	4,188	+/-409	522	+/-226
Worked full-time, year-round in the past 12 months	+/-3.4	1,885	+/-226	77	+/-56
Worked part-time or part-year in the past 12 months	+/-6.5	1,049	+/-231	187	+/-97
Did not work	+/-10.5	1,254	+/-250	258	+/-181
ALL INDIVIDUALS WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS					
50 percent of poverty level	(X)	407	+/-235	(X)	(X)
125 percent of poverty level	(X)	940	+/-313	(X)	(X)
150 percent of poverty level	(X)	1,156	+/-382	(X)	(X)

Subject	Census Tract 207.02, Chatham County, North Carolina	Census Tract 307.01, Lee County, North Carolina			
	Percent below poverty level	Total		Below poverty level	
	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
185 percent of poverty level	(X)	1,390	+/-384	(X)	(X)
200 percent of poverty level	(X)	1,557	+/-404	(X)	(X)
300 percent of poverty level	(X)	2,854	+/-476	(X)	(X)
400 percent of poverty level	(X)	3,850	+/-519	(X)	(X)
500 percent of poverty level	(X)	4,441	+/-476	(X)	(X)
UNRELATED INDIVIDUALS FOR WHOM POVERTY STATUS IS DETERMINED	+/-16.3	804	+/-178	220	+/-112
Male	+/-22.7	392	+/-106	57	+/-49
Female	+/-18.5	412	+/-118	163	+/-97
15 years	**	0	+/-17	0	+/-17
16 to 17 years	**	0	+/-17	0	+/-17
18 to 24 years	+/-15.9	180	+/-119	118	+/-90
25 to 34 years	+/-100.0	85	+/-55	0	+/-17
35 to 44 years	+/-34.9	31	+/-47	0	+/-17
45 to 54 years	+/-37.8	169	+/-79	39	+/-33
55 to 64 years	+/-28.7	126	+/-74	7	+/-12
65 to 74 years	+/-40.4	165	+/-77	43	+/-48
75 years and over	+/-29.1	48	+/-28	13	+/-15
Mean income deficit for unrelated individuals (dollars)	(X)	6,711	+/-2,536	(X)	(X)
Worked full-time, year-round in the past 12 months	+/-24.2	312	+/-101	19	+/-30
Worked less than full-time, year-round in the past 12 months	+/-27.2	261	+/-107	92	+/-58
Did not work	+/-21.1	231	+/-93	109	+/-73

Subject	Census Tract 307.01, Lee County, North Carolina	
	Percent below poverty level	
	Estimate	Margin of Error
Population for whom poverty status is determined	14.0%	+/-5.3
AGE		
Under 18 years	17.6%	+/-8.8
Under 5 years	35.4%	+/-18.4
5 to 17 years	7.5%	+/-5.7
Related children of householder under 18 years	17.6%	+/-8.8
18 to 64 years	12.0%	+/-4.9
18 to 34 years	20.3%	+/-8.6
35 to 64 years	6.2%	+/-3.5
60 years and over	14.0%	+/-10.5
65 years and over	16.4%	+/-12.2
SEX		
Male	11.4%	+/-6.6
Female	16.7%	+/-6.2
RACE AND HISPANIC OR LATINO ORIGIN		
White alone	12.8%	+/-6.9
Black or African American alone	17.0%	+/-13.0
American Indian and Alaska Native alone	0.0%	+/-85.6
Asian alone	0.0%	+/-33.5
Native Hawaiian and Other Pacific Islander alone	-	**
Some other race alone	7.3%	+/-9.9
Two or more races	36.5%	+/-34.8
Hispanic or Latino origin (of any race)	23.8%	+/-16.3
White alone, not Hispanic or Latino	11.8%	+/-6.8
EDUCATIONAL ATTAINMENT		
Population 25 years and over	10.1%	+/-5.5
Less than high school graduate	5.4%	+/-5.8
High school graduate (includes equivalency)	17.3%	+/-13.1
Some college, associate's degree	10.5%	+/-6.4
Bachelor's degree or higher	4.5%	+/-4.1
EMPLOYMENT STATUS		
Civilian labor force 16 years and over	8.4%	+/-3.8
Employed	8.2%	+/-3.9
Male	4.0%	+/-4.3
Female	13.1%	+/-5.9
Unemployed	12.2%	+/-14.4
Male	17.4%	+/-23.8
Female	0.0%	+/-48.8
WORK EXPERIENCE		
Population 16 years and over	12.5%	+/-5.2
Worked full-time, year-round in the past 12 months	4.1%	+/-3.0
Worked part-time or part-year in the past 12 months	17.8%	+/-8.7
Did not work	20.6%	+/-12.5
ALL INDIVIDUALS WITH INCOME BELOW THE FOLLOWING POVERTY RATIOS		
50 percent of poverty level	(X)	(X)
125 percent of poverty level	(X)	(X)
150 percent of poverty level	(X)	(X)
185 percent of poverty level	(X)	(X)
200 percent of poverty level	(X)	(X)

Subject	Census Tract 307.01, Lee County, North Carolina	
	Percent below poverty level	
	Estimate	Margin of Error
300 percent of poverty level	(X)	(X)
400 percent of poverty level	(X)	(X)
500 percent of poverty level	(X)	(X)
UNRELATED INDIVIDUALS FOR WHOM POVERTY STATUS IS DETERMINED	27.4%	+/-10.6
Male	14.5%	+/-11.7
Female	39.6%	+/-16.7
15 years	-	**
16 to 17 years	-	**
18 to 24 years	65.6%	+/-27.7
25 to 34 years	0.0%	+/-30.7
35 to 44 years	0.0%	+/-53.3
45 to 54 years	23.1%	+/-18.0
55 to 64 years	5.6%	+/-10.5
65 to 74 years	26.1%	+/-23.5
75 years and over	27.1%	+/-27.4
Mean income deficit for unrelated individuals (dollars)	(X)	(X)
Worked full-time, year-round in the past 12 months	6.1%	+/-9.9
Worked less than full-time, year-round in the past 12 months	35.2%	+/-18.5
Did not work	47.2%	+/-21.1

Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to nonsampling error (for a discussion of nonsampling variability, see Accuracy of the Data). The effect of nonsampling error is not represented in these tables.

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Explanation of Symbols:

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S1810

DISABILITY CHARACTERISTICS

2012-2016 American Community Survey 5-Year Estimates

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Subject	Chatham County, North Carolina				
	Total		With a disability		Percent with a disability
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate
Total civilian noninstitutionalized population	68,048	+/-176	9,764	+/-819	14.3%
SEX					
Male	32,924	+/-248	4,787	+/-500	14.5%
Female	35,124	+/-242	4,977	+/-483	14.2%
RACE AND HISPANIC OR LATINO ORIGIN					
White alone	54,809	+/-696	7,655	+/-747	14.0%
Black or African American alone	7,981	+/-381	1,750	+/-254	21.9%
American Indian and Alaska Native alone	185	+/-111	53	+/-60	28.6%
Asian alone	975	+/-128	45	+/-44	4.6%
Native Hawaiian and Other Pacific Islander alone	43	+/-46	0	+/-28	0.0%
Some other race alone	2,317	+/-690	94	+/-75	4.1%
Two or more races	1,738	+/-332	167	+/-102	9.6%
White alone, not Hispanic or Latino	48,850	+/-201	6,895	+/-677	14.1%
Hispanic or Latino (of any race)	8,485	+/-18	877	+/-302	10.3%
AGE					
Under 5 years	3,364	+/-40	26	+/-40	0.8%
5 to 17 years	10,560	+/-82	655	+/-187	6.2%
18 to 34 years	10,356	+/-188	793	+/-274	7.7%
35 to 64 years	27,860	+/-232	3,502	+/-481	12.6%
65 to 74 years	9,122	+/-156	1,708	+/-260	18.7%
75 years and over	6,786	+/-232	3,080	+/-344	45.4%
DISABILITY TYPE BY DETAILED AGE					
With a hearing difficulty	(X)	(X)	3,126	+/-485	4.6%
Population under 18 years	13,924	+/-71	121	+/-75	0.9%
Population under 5 years	3,364	+/-40	26	+/-40	0.8%
Population 5 to 17 years	10,560	+/-82	95	+/-64	0.9%
Population 18 to 64 years	38,216	+/-236	918	+/-301	2.4%

Subject	Chatham County, North Carolina				
	Total		With a disability		Percent with a disability
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate
Population 18 to 34 years	10,356	+/-188	135	+/-129	1.3%
Population 35 to 64 years	27,860	+/-232	783	+/-271	2.8%
Population 65 years and over	15,908	+/-252	2,087	+/-348	13.1%
Population 65 to 74 years	9,122	+/-156	579	+/-155	6.3%
Population 75 years and over	6,786	+/-232	1,508	+/-290	22.2%
With a vision difficulty	(X)	(X)	2,143	+/-434	3.1%
Population under 18 years	13,924	+/-71	205	+/-113	1.5%
Population under 5 years	3,364	+/-40	26	+/-40	0.8%
Population 5 to 17 years	10,560	+/-82	179	+/-102	1.7%
Population 18 to 64 years	38,216	+/-236	886	+/-291	2.3%
Population 18 to 34 years	10,356	+/-188	176	+/-140	1.7%
Population 35 to 64 years	27,860	+/-232	710	+/-242	2.5%
Population 65 years and over	15,908	+/-252	1,052	+/-279	6.6%
Population 65 to 74 years	9,122	+/-156	222	+/-94	2.4%
Population 75 years and over	6,786	+/-232	830	+/-256	12.2%
With a cognitive difficulty	(X)	(X)	3,308	+/-441	5.1%
Population under 18 years	10,560	+/-82	409	+/-158	3.9%
Population 18 to 64 years	38,216	+/-236	1,572	+/-331	4.1%
Population 18 to 34 years	10,356	+/-188	460	+/-206	4.4%
Population 35 to 64 years	27,860	+/-232	1,112	+/-259	4.0%
Population 65 years and over	15,908	+/-252	1,327	+/-255	8.3%
Population 65 to 74 years	9,122	+/-156	439	+/-159	4.8%
Population 75 years and over	6,786	+/-232	888	+/-211	13.1%
With an ambulatory difficulty	(X)	(X)	4,849	+/-494	7.5%
Population under 18 years	10,560	+/-82	97	+/-70	0.9%
Population 18 to 64 years	38,216	+/-236	1,871	+/-296	4.9%
Population 18 to 34 years	10,356	+/-188	125	+/-89	1.2%
Population 35 to 64 years	27,860	+/-232	1,746	+/-282	6.3%
Population 65 years and over	15,908	+/-252	2,881	+/-357	18.1%
Population 65 to 74 years	9,122	+/-156	1,008	+/-198	11.1%
Population 75 years and over	6,786	+/-232	1,873	+/-290	27.6%
With a self-care difficulty	(X)	(X)	1,745	+/-309	2.7%
Population under 18 years	10,560	+/-82	82	+/-66	0.8%
Population 18 to 64 years	38,216	+/-236	662	+/-177	1.7%
Population 18 to 34 years	10,356	+/-188	76	+/-76	0.7%
Population 35 to 64 years	27,860	+/-232	586	+/-166	2.1%
Population 65 years and over	15,908	+/-252	1,001	+/-232	6.3%
Population 65 to 74 years	9,122	+/-156	232	+/-95	2.5%
Population 75 years and over	6,786	+/-232	769	+/-212	11.3%
With an independent living difficulty	(X)	(X)	2,910	+/-443	5.4%
Population 18 to 64 years	38,216	+/-236	973	+/-265	2.5%
Population 18 to 34 years	10,356	+/-188	282	+/-158	2.7%
Population 35 to 64 years	27,860	+/-232	691	+/-213	2.5%
Population 65 years and over	15,908	+/-252	1,937	+/-301	12.2%
Population 65 to 74 years	9,122	+/-156	501	+/-135	5.5%
Population 75 years and over	6,786	+/-232	1,436	+/-282	21.2%

Subject	Chatham County, North Carolina	Lee County, North Carolina			
	Percent with a disability	Total		With a disability	
	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Total civilian noninstitutionalized population	+/-1.2	58,347	+/-234	8,223	+/-613
SEX					
Male	+/-1.5	28,143	+/-260	4,086	+/-388
Female	+/-1.4	30,204	+/-136	4,137	+/-384
RACE AND HISPANIC OR LATINO ORIGIN					
White alone	+/-1.3	41,067	+/-822	5,897	+/-471
Black or African American alone	+/-3.0	10,869	+/-334	1,878	+/-323
American Indian and Alaska Native alone	+/-24.9	385	+/-70	73	+/-45
Asian alone	+/-4.5	626	+/-75	72	+/-56
Native Hawaiian and Other Pacific Islander alone	+/-45.2	52	+/-57	7	+/-13
Some other race alone	+/-3.1	3,940	+/-799	128	+/-134
Two or more races	+/-5.4	1,408	+/-351	168	+/-90
White alone, not Hispanic or Latino	+/-1.4	34,146	+/-139	5,459	+/-450
Hispanic or Latino (of any race)	+/-3.6	11,346	+/-50	628	+/-201
AGE					
Under 5 years	+/-1.2	3,975	+/-23	41	+/-47
5 to 17 years	+/-1.8	11,052	+/-76	696	+/-213
18 to 34 years	+/-2.6	12,138	+/-156	884	+/-273
35 to 64 years	+/-1.7	22,522	+/-203	3,345	+/-364
65 to 74 years	+/-2.9	5,227	+/-109	1,592	+/-211
75 years and over	+/-4.5	3,433	+/-127	1,665	+/-186
DISABILITY TYPE BY DETAILED AGE					
With a hearing difficulty	+/-0.7	(X)	(X)	2,094	+/-267
Population under 18 years	+/-0.5	15,027	+/-73	70	+/-57
Population under 5 years	+/-1.2	3,975	+/-23	30	+/-47
Population 5 to 17 years	+/-0.6	11,052	+/-76	40	+/-37
Population 18 to 64 years	+/-0.8	34,660	+/-268	835	+/-190
Population 18 to 34 years	+/-1.2	12,138	+/-156	137	+/-107
Population 35 to 64 years	+/-1.0	22,522	+/-203	698	+/-171
Population 65 years and over	+/-2.2	8,660	+/-164	1,189	+/-196
Population 65 to 74 years	+/-1.7	5,227	+/-109	487	+/-99
Population 75 years and over	+/-4.2	3,433	+/-127	702	+/-152
With a vision difficulty	+/-0.6	(X)	(X)	1,711	+/-353
Population under 18 years	+/-0.8	15,027	+/-73	115	+/-73
Population under 5 years	+/-1.2	3,975	+/-23	11	+/-18
Population 5 to 17 years	+/-1.0	11,052	+/-76	104	+/-72
Population 18 to 64 years	+/-0.8	34,660	+/-268	996	+/-277
Population 18 to 34 years	+/-1.4	12,138	+/-156	168	+/-114
Population 35 to 64 years	+/-0.9	22,522	+/-203	828	+/-235
Population 65 years and over	+/-1.7	8,660	+/-164	600	+/-165
Population 65 to 74 years	+/-1.0	5,227	+/-109	298	+/-134
Population 75 years and over	+/-3.5	3,433	+/-127	302	+/-130
With a cognitive difficulty	+/-0.7	(X)	(X)	2,609	+/-286
Population under 18 years	+/-1.5	11,052	+/-76	555	+/-193
Population 18 to 64 years	+/-0.9	34,660	+/-268	1,305	+/-229
Population 18 to 34 years	+/-2.0	12,138	+/-156	284	+/-108
Population 35 to 64 years	+/-0.9	22,522	+/-203	1,021	+/-202
Population 65 years and over	+/-1.6	8,660	+/-164	749	+/-165
Population 65 to 74 years	+/-1.8	5,227	+/-109	322	+/-127
Population 75 years and over	+/-3.1	3,433	+/-127	427	+/-126
With an ambulatory difficulty	+/-0.8	(X)	(X)	4,211	+/-475
Population under 18 years	+/-0.7	11,052	+/-76	16	+/-16
Population 18 to 64 years	+/-0.8	34,660	+/-268	2,209	+/-359

Subject	Chatham County, North Carolina	Lee County, North Carolina			
	Percent with a disability	Total		With a disability	
	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Population 18 to 34 years	+/-0.9	12,138	+/-156	329	+/-189
Population 35 to 64 years	+/-1.0	22,522	+/-203	1,880	+/-284
Population 65 years and over	+/-2.2	8,660	+/-164	1,986	+/-292
Population 65 to 74 years	+/-2.2	5,227	+/-109	952	+/-226
Population 75 years and over	+/-4.3	3,433	+/-127	1,034	+/-171
With a self-care difficulty	+/-0.5	(X)	(X)	1,567	+/-293
Population under 18 years	+/-0.6	11,052	+/-76	54	+/-42
Population 18 to 64 years	+/-0.5	34,660	+/-268	767	+/-198
Population 18 to 34 years	+/-0.7	12,138	+/-156	60	+/-55
Population 35 to 64 years	+/-0.6	22,522	+/-203	707	+/-187
Population 65 years and over	+/-1.5	8,660	+/-164	746	+/-178
Population 65 to 74 years	+/-1.0	5,227	+/-109	285	+/-95
Population 75 years and over	+/-3.2	3,433	+/-127	461	+/-149
With an independent living difficulty	+/-0.8	(X)	(X)	2,499	+/-344
Population 18 to 64 years	+/-0.7	34,660	+/-268	1,342	+/-256
Population 18 to 34 years	+/-1.5	12,138	+/-156	233	+/-120
Population 35 to 64 years	+/-0.8	22,522	+/-203	1,109	+/-220
Population 65 years and over	+/-1.9	8,660	+/-164	1,157	+/-216
Population 65 to 74 years	+/-1.5	5,227	+/-109	436	+/-142
Population 75 years and over	+/-4.1	3,433	+/-127	721	+/-160

Subject	Lee County, North Carolina	
	Percent with a disability	
	Estimate	Margin of Error
Total civilian noninstitutionalized population	14.1%	+/-1.0
SEX		
Male	14.5%	+/-1.4
Female	13.7%	+/-1.3
RACE AND HISPANIC OR LATINO ORIGIN		
White alone	14.4%	+/-1.2
Black or African American alone	17.3%	+/-3.0
American Indian and Alaska Native alone	19.0%	+/-11.4
Asian alone	11.5%	+/-8.6
Native Hawaiian and Other Pacific Islander alone	13.5%	+/-25.4
Some other race alone	3.2%	+/-3.3
Two or more races	11.9%	+/-5.7
White alone, not Hispanic or Latino	16.0%	+/-1.3
Hispanic or Latino (of any race)	5.5%	+/-1.8
AGE		
Under 5 years	1.0%	+/-1.2
5 to 17 years	6.3%	+/-1.9
18 to 34 years	7.3%	+/-2.2
35 to 64 years	14.9%	+/-1.6
65 to 74 years	30.5%	+/-4.1
75 years and over	48.5%	+/-5.3
DISABILITY TYPE BY DETAILED AGE		
With a hearing difficulty	3.6%	+/-0.5
Population under 18 years	0.5%	+/-0.4
Population under 5 years	0.8%	+/-1.2
Population 5 to 17 years	0.4%	+/-0.3
Population 18 to 64 years	2.4%	+/-0.5
Population 18 to 34 years	1.1%	+/-0.9
Population 35 to 64 years	3.1%	+/-0.8
Population 65 years and over	13.7%	+/-2.3
Population 65 to 74 years	9.3%	+/-1.9
Population 75 years and over	20.4%	+/-4.4
With a vision difficulty	2.9%	+/-0.6
Population under 18 years	0.8%	+/-0.5
Population under 5 years	0.3%	+/-0.5
Population 5 to 17 years	0.9%	+/-0.6
Population 18 to 64 years	2.9%	+/-0.8
Population 18 to 34 years	1.4%	+/-0.9
Population 35 to 64 years	3.7%	+/-1.0
Population 65 years and over	6.9%	+/-1.9
Population 65 to 74 years	5.7%	+/-2.6
Population 75 years and over	8.8%	+/-3.8
With a cognitive difficulty	4.8%	+/-0.5
Population under 18 years	5.0%	+/-1.7
Population 18 to 64 years	3.8%	+/-0.7
Population 18 to 34 years	2.3%	+/-0.9
Population 35 to 64 years	4.5%	+/-0.9
Population 65 years and over	8.6%	+/-1.9
Population 65 to 74 years	6.2%	+/-2.4
Population 75 years and over	12.4%	+/-3.7
With an ambulatory difficulty	7.7%	+/-0.9
Population under 18 years	0.1%	+/-0.1
Population 18 to 64 years	6.4%	+/-1.0
Population 18 to 34 years	2.7%	+/-1.6

Subject	Lee County, North Carolina	
	Percent with a disability	
	Estimate	Margin of Error
Population 35 to 64 years	8.3%	+/-1.3
Population 65 years and over	22.9%	+/-3.4
Population 65 to 74 years	18.2%	+/-4.3
Population 75 years and over	30.1%	+/-5.0
With a self-care difficulty	2.9%	+/-0.5
Population under 18 years	0.5%	+/-0.4
Population 18 to 64 years	2.2%	+/-0.6
Population 18 to 34 years	0.5%	+/-0.5
Population 35 to 64 years	3.1%	+/-0.8
Population 65 years and over	8.6%	+/-2.1
Population 65 to 74 years	5.5%	+/-1.8
Population 75 years and over	13.4%	+/-4.4
With an independent living difficulty	5.8%	+/-0.8
Population 18 to 64 years	3.9%	+/-0.7
Population 18 to 34 years	1.9%	+/-1.0
Population 35 to 64 years	4.9%	+/-1.0
Population 65 years and over	13.4%	+/-2.5
Population 65 to 74 years	8.3%	+/-2.7
Population 75 years and over	21.0%	+/-4.6

Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to nonsampling error (for a discussion of nonsampling variability, see Accuracy of the Data). The effect of nonsampling error is not represented in these tables.

The Census Bureau introduced a new set of disability questions in the 2008 ACS questionnaire. Accordingly, comparisons of disability data from 2008 or later with data from prior years are not recommended. For more information on these questions and their evaluation in the 2006 ACS Content Test, see the Evaluation Report Covering Disability.

While the 2012-2016 American Community Survey (ACS) data generally reflect the February 2013 Office of Management and Budget (OMB) definitions of metropolitan and micropolitan statistical areas; in certain instances the names, codes, and boundaries of the principal cities shown in ACS tables may differ from the OMB definitions due to differences in the effective dates of the geographic entities.

Estimates of urban and rural population, housing units, and characteristics reflect boundaries of urban areas defined based on Census 2010 data. As a result, data for urban and rural areas from the ACS do not necessarily reflect the results of ongoing urbanization.

Source: U.S. Census Bureau, 2012-2016 American Community Survey 5-Year Estimates

Explanation of Symbols:

1. An '***' entry in the margin of error column indicates that either no sample observations or too few sample observations were available to compute a standard error and thus the margin of error. A statistical test is not appropriate.
2. An '-' entry in the estimate column indicates that either no sample observations or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest interval or upper interval of an open-ended distribution.
3. An '-' following a median estimate means the median falls in the lowest interval of an open-ended distribution.
4. An '+' following a median estimate means the median falls in the upper interval of an open-ended distribution.
5. An '***' entry in the margin of error column indicates that the median falls in the lowest interval or upper interval of an open-ended distribution. A statistical test is not appropriate.
6. An '*****' entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate.
7. An 'N' entry in the estimate and margin of error columns indicates that data for this geographic area cannot be displayed because the number of sample cases is too small.
8. An '(X)' means that the estimate is not applicable or not available.



S1810

DISABILITY CHARACTERISTICS

2012-2016 American Community Survey 5-Year Estimates

Supporting documentation on code lists, subject definitions, data accuracy, and statistical testing can be found on the American Community Survey website in the Data and Documentation section.

Sample size and data quality measures (including coverage rates, allocation rates, and response rates) can be found on the American Community Survey website in the Methodology section.

Tell us what you think. Provide feedback to help make American Community Survey data more useful for you.

Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns and estimates of housing units for states and counties.

Subject	Census Tract 207.02, Chatham County, North Carolina				
	Total		With a disability		Percent with a disability
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate
Total civilian noninstitutionalized population	3,987	+/-302	495	+/-157	12.4%
SEX					
Male	2,095	+/-209	298	+/-121	14.2%
Female	1,892	+/-216	197	+/-96	10.4%
RACE AND HISPANIC OR LATINO ORIGIN					
White alone	3,758	+/-292	416	+/-154	11.1%
Black or African American alone	137	+/-91	64	+/-56	46.7%
American Indian and Alaska Native alone	19	+/-33	0	+/-12	0.0%
Asian alone	8	+/-13	0	+/-12	0.0%
Native Hawaiian and Other Pacific Islander alone	0	+/-12	0	+/-12	-
Some other race alone	36	+/-46	0	+/-12	0.0%
Two or more races	29	+/-34	15	+/-27	51.7%
White alone, not Hispanic or Latino	3,704	+/-292	416	+/-154	11.2%
Hispanic or Latino (of any race)	82	+/-73	1	+/-2	1.2%
AGE					
Under 5 years	196	+/-94	0	+/-12	0.0%
5 to 17 years	629	+/-109	45	+/-49	7.2%
18 to 34 years	549	+/-186	73	+/-85	13.3%
35 to 64 years	1,846	+/-214	208	+/-92	11.3%
65 to 74 years	548	+/-99	66	+/-49	12.0%
75 years and over	219	+/-87	103	+/-69	47.0%
DISABILITY TYPE BY DETAILED AGE					
With a hearing difficulty	(X)	(X)	105	+/-58	2.6%
Population under 18 years	825	+/-127	11	+/-18	1.3%
Population under 5 years	196	+/-94	0	+/-12	0.0%
Population 5 to 17 years	629	+/-109	11	+/-18	1.7%
Population 18 to 64 years	2,395	+/-281	4	+/-8	0.2%

Subject	Census Tract 207.02, Chatham County, North Carolina				
	Total		With a disability		Percent with a disability
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate
Population 18 to 34 years	549	+/-186	0	+/-12	0.0%
Population 35 to 64 years	1,846	+/-214	4	+/-8	0.2%
Population 65 years and over	767	+/-115	90	+/-53	11.7%
Population 65 to 74 years	548	+/-99	49	+/-43	8.9%
Population 75 years and over	219	+/-87	41	+/-38	18.7%
With a vision difficulty	(X)	(X)	52	+/-44	1.3%
Population under 18 years	825	+/-127	0	+/-12	0.0%
Population under 5 years	196	+/-94	0	+/-12	0.0%
Population 5 to 17 years	629	+/-109	0	+/-12	0.0%
Population 18 to 64 years	2,395	+/-281	1	+/-2	0.0%
Population 18 to 34 years	549	+/-186	1	+/-2	0.2%
Population 35 to 64 years	1,846	+/-214	0	+/-12	0.0%
Population 65 years and over	767	+/-115	51	+/-44	6.6%
Population 65 to 74 years	548	+/-99	25	+/-35	4.6%
Population 75 years and over	219	+/-87	26	+/-29	11.9%
With a cognitive difficulty	(X)	(X)	213	+/-118	5.6%
Population under 18 years	629	+/-109	34	+/-47	5.4%
Population 18 to 64 years	2,395	+/-281	119	+/-90	5.0%
Population 18 to 34 years	549	+/-186	72	+/-85	13.1%
Population 35 to 64 years	1,846	+/-214	47	+/-40	2.5%
Population 65 years and over	767	+/-115	60	+/-56	7.8%
Population 65 to 74 years	548	+/-99	15	+/-27	2.7%
Population 75 years and over	219	+/-87	45	+/-51	20.5%
With an ambulatory difficulty	(X)	(X)	280	+/-117	7.4%
Population under 18 years	629	+/-109	0	+/-12	0.0%
Population 18 to 64 years	2,395	+/-281	175	+/-91	7.3%
Population 18 to 34 years	549	+/-186	16	+/-25	2.9%
Population 35 to 64 years	1,846	+/-214	159	+/-89	8.6%
Population 65 years and over	767	+/-115	105	+/-69	13.7%
Population 65 to 74 years	548	+/-99	17	+/-19	3.1%
Population 75 years and over	219	+/-87	88	+/-67	40.2%
With a self-care difficulty	(X)	(X)	93	+/-66	2.5%
Population under 18 years	629	+/-109	0	+/-12	0.0%
Population 18 to 64 years	2,395	+/-281	48	+/-40	2.0%
Population 18 to 34 years	549	+/-186	0	+/-12	0.0%
Population 35 to 64 years	1,846	+/-214	48	+/-40	2.6%
Population 65 years and over	767	+/-115	45	+/-51	5.9%
Population 65 to 74 years	548	+/-99	0	+/-12	0.0%
Population 75 years and over	219	+/-87	45	+/-51	20.5%
With an independent living difficulty	(X)	(X)	118	+/-75	3.7%
Population 18 to 64 years	2,395	+/-281	73	+/-58	3.0%
Population 18 to 34 years	549	+/-186	16	+/-25	2.9%
Population 35 to 64 years	1,846	+/-214	57	+/-56	3.1%
Population 65 years and over	767	+/-115	45	+/-51	5.9%
Population 65 to 74 years	548	+/-99	0	+/-12	0.0%
Population 75 years and over	219	+/-87	45	+/-51	20.5%

Subject	Census Tract 207.02, Chatham County, North Carolina	Census Tract 307.01, Lee County, North Carolina			
	Percent with a disability	Total		With a disability	
	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Total civilian noninstitutionalized population	+/-3.7	5,437	+/-451	609	+/-201
SEX					
Male	+/-5.2	2,756	+/-271	380	+/-141
Female	+/-4.9	2,681	+/-296	229	+/-103
RACE AND HISPANIC OR LATINO ORIGIN					
White alone	+/-3.9	3,719	+/-345	417	+/-139
Black or African American alone	+/-28.5	1,045	+/-357	166	+/-141
American Indian and Alaska Native alone	+/-68.0	12	+/-19	0	+/-17
Asian alone	+/-100.0	75	+/-57	0	+/-17
Native Hawaiian and Other Pacific Islander alone	**	0	+/-17	0	+/-17
Some other race alone	+/-49.4	356	+/-75	0	+/-17
Two or more races	+/-51.7	230	+/-105	26	+/-29
White alone, not Hispanic or Latino	+/-3.9	3,529	+/-302	417	+/-139
Hispanic or Latino (of any race)	+/-3.4	616	+/-197	8	+/-12
AGE					
Under 5 years	+/-15.2	551	+/-174	0	+/-17
5 to 17 years	+/-7.7	907	+/-171	38	+/-59
18 to 34 years	+/-15.0	1,350	+/-272	144	+/-115
35 to 64 years	+/-4.6	1,951	+/-256	214	+/-79
65 to 74 years	+/-7.9	496	+/-115	141	+/-79
75 years and over	+/-22.5	182	+/-67	72	+/-50
DISABILITY TYPE BY DETAILED AGE					
With a hearing difficulty	+/-1.5	(X)	(X)	183	+/-96
Population under 18 years	+/-2.2	1,458	+/-187	0	+/-17
Population under 5 years	+/-15.2	551	+/-174	0	+/-17
Population 5 to 17 years	+/-2.8	907	+/-171	0	+/-17
Population 18 to 64 years	+/-0.3	3,301	+/-389	100	+/-83
Population 18 to 34 years	+/-5.7	1,350	+/-272	42	+/-68
Population 35 to 64 years	+/-0.4	1,951	+/-256	58	+/-49
Population 65 years and over	+/-6.7	678	+/-143	83	+/-43
Population 65 to 74 years	+/-7.2	496	+/-115	64	+/-38
Population 75 years and over	+/-16.1	182	+/-67	19	+/-18
With a vision difficulty	+/-1.1	(X)	(X)	143	+/-82
Population under 18 years	+/-3.9	1,458	+/-187	0	+/-17
Population under 5 years	+/-15.2	551	+/-174	0	+/-17
Population 5 to 17 years	+/-5.0	907	+/-171	0	+/-17
Population 18 to 64 years	+/-0.1	3,301	+/-389	112	+/-70
Population 18 to 34 years	+/-0.4	1,350	+/-272	15	+/-23
Population 35 to 64 years	+/-1.7	1,951	+/-256	97	+/-57
Population 65 years and over	+/-5.7	678	+/-143	31	+/-45
Population 65 to 74 years	+/-6.2	496	+/-115	31	+/-45
Population 75 years and over	+/-12.3	182	+/-67	0	+/-17
With a cognitive difficulty	+/-3.0	(X)	(X)	231	+/-93
Population under 18 years	+/-7.5	907	+/-171	38	+/-59
Population 18 to 64 years	+/-3.5	3,301	+/-389	143	+/-67
Population 18 to 34 years	+/-15.0	1,350	+/-272	14	+/-15
Population 35 to 64 years	+/-2.2	1,951	+/-256	129	+/-65
Population 65 years and over	+/-7.0	678	+/-143	50	+/-51
Population 65 to 74 years	+/-4.9	496	+/-115	42	+/-49
Population 75 years and over	+/-20.6	182	+/-67	8	+/-13
With an ambulatory difficulty	+/-3.0	(X)	(X)	332	+/-120

Subject	Census Tract 207.02, Chatham County, North Carolina	Census Tract 307.01, Lee County, North Carolina			
	Percent with a disability	Total		With a disability	
	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Population under 18 years	+/-5.0	907	+/-171	0	+/-17
Population 18 to 64 years	+/-3.6	3,301	+/-389	184	+/-90
Population 18 to 34 years	+/-4.7	1,350	+/-272	58	+/-66
Population 35 to 64 years	+/-4.5	1,951	+/-256	126	+/-62
Population 65 years and over	+/-8.4	678	+/-143	148	+/-83
Population 65 to 74 years	+/-3.4	496	+/-115	93	+/-71
Population 75 years and over	+/-22.4	182	+/-67	55	+/-47
With a self-care difficulty	+/-1.7	(X)	(X)	104	+/-71
Population under 18 years	+/-5.0	907	+/-171	0	+/-17
Population 18 to 64 years	+/-1.7	3,301	+/-389	50	+/-47
Population 18 to 34 years	+/-5.7	1,350	+/-272	16	+/-27
Population 35 to 64 years	+/-2.2	1,951	+/-256	34	+/-40
Population 65 years and over	+/-6.4	678	+/-143	54	+/-50
Population 65 to 74 years	+/-5.8	496	+/-115	47	+/-49
Population 75 years and over	+/-20.6	182	+/-67	7	+/-11
With an independent living difficulty	+/-2.4	(X)	(X)	176	+/-101
Population 18 to 64 years	+/-2.5	3,301	+/-389	115	+/-85
Population 18 to 34 years	+/-4.7	1,350	+/-272	81	+/-79
Population 35 to 64 years	+/-3.0	1,951	+/-256	34	+/-29
Population 65 years and over	+/-6.4	678	+/-143	61	+/-49
Population 65 to 74 years	+/-5.8	496	+/-115	15	+/-20
Population 75 years and over	+/-20.6	182	+/-67	46	+/-46

Subject	Census Tract 307.01, Lee County, North Carolina	
	Percent with a disability	
	Estimate	Margin of Error
Total civilian noninstitutionalized population	11.2%	+/-3.3
SEX		
Male	13.8%	+/-4.7
Female	8.5%	+/-3.6
RACE AND HISPANIC OR LATINO ORIGIN		
White alone	11.2%	+/-3.5
Black or African American alone	15.9%	+/-10.4
American Indian and Alaska Native alone	0.0%	+/-85.6
Asian alone	0.0%	+/-33.5
Native Hawaiian and Other Pacific Islander alone	-	**
Some other race alone	0.0%	+/-8.7
Two or more races	11.3%	+/-12.1
White alone, not Hispanic or Latino	11.8%	+/-3.7
Hispanic or Latino (of any race)	1.3%	+/-1.9
AGE		
Under 5 years	0.0%	+/-5.7
5 to 17 years	4.2%	+/-6.2
18 to 34 years	10.7%	+/-7.9
35 to 64 years	11.0%	+/-3.8
65 to 74 years	28.4%	+/-13.4
75 years and over	39.6%	+/-20.1
DISABILITY TYPE BY DETAILED AGE		
With a hearing difficulty	3.4%	+/-1.6
Population under 18 years	0.0%	+/-2.2
Population under 5 years	0.0%	+/-5.7
Population 5 to 17 years	0.0%	+/-3.5
Population 18 to 64 years	3.0%	+/-2.4
Population 18 to 34 years	3.1%	+/-4.8
Population 35 to 64 years	3.0%	+/-2.5
Population 65 years and over	12.2%	+/-6.2
Population 65 to 74 years	12.9%	+/-6.8
Population 75 years and over	10.4%	+/-10.1
With a vision difficulty	2.6%	+/-1.5
Population under 18 years	0.0%	+/-2.2
Population under 5 years	0.0%	+/-5.7
Population 5 to 17 years	0.0%	+/-3.5
Population 18 to 64 years	3.4%	+/-2.2
Population 18 to 34 years	1.1%	+/-1.7
Population 35 to 64 years	5.0%	+/-2.9
Population 65 years and over	4.6%	+/-6.4
Population 65 to 74 years	6.3%	+/-8.4
Population 75 years and over	0.0%	+/-16.3
With a cognitive difficulty	4.7%	+/-1.8
Population under 18 years	4.2%	+/-6.2
Population 18 to 64 years	4.3%	+/-2.1
Population 18 to 34 years	1.0%	+/-1.2
Population 35 to 64 years	6.6%	+/-3.3
Population 65 years and over	7.4%	+/-7.0
Population 65 to 74 years	8.5%	+/-9.0
Population 75 years and over	4.4%	+/-7.0
With an ambulatory difficulty	6.8%	+/-2.3
Population under 18 years	0.0%	+/-3.5
Population 18 to 64 years	5.6%	+/-2.6
Population 18 to 34 years	4.3%	+/-4.6

Subject	Census Tract 307.01, Lee County, North Carolina	
	Percent with a disability	
	Estimate	Margin of Error
Population 35 to 64 years	6.5%	+/-3.1
Population 65 years and over	21.8%	+/-9.8
Population 65 to 74 years	18.8%	+/-12.5
Population 75 years and over	30.2%	+/-20.6
With a self-care difficulty	2.1%	+/-1.4
Population under 18 years	0.0%	+/-3.5
Population 18 to 64 years	1.5%	+/-1.4
Population 18 to 34 years	1.2%	+/-1.9
Population 35 to 64 years	1.7%	+/-2.0
Population 65 years and over	8.0%	+/-7.0
Population 65 to 74 years	9.5%	+/-8.9
Population 75 years and over	3.8%	+/-6.3
With an independent living difficulty	4.4%	+/-2.4
Population 18 to 64 years	3.5%	+/-2.5
Population 18 to 34 years	6.0%	+/-5.6
Population 35 to 64 years	1.7%	+/-1.5
Population 65 years and over	9.0%	+/-6.3
Population 65 to 74 years	3.0%	+/-4.1
Population 75 years and over	25.3%	+/-21.1

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The Census Bureau introduced a new set of disability questions in the 2008 ACS questionnaire. Accordingly, comparisons of disability data from 2008 or later with data from prior years are not recommended. For more information on these questions and their evaluation in the 2006 ACS Content Test, see the Evaluation Report Covering Disability.

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Source: U.S. Census Bureau, 2012-2016 American Community Survey 5-Year Estimates

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S1901

INCOME IN THE PAST 12 MONTHS (IN 2016 INFLATION-ADJUSTED DOLLARS)

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Subject	Chatham County, North Carolina				
	Households		Families		Married-couple families
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate
Total	27,397	+/-391	18,821	+/-536	15,399
Less than \$10,000	6.1%	+/-1.1	3.7%	+/-1.0	2.0%
\$10,000 to \$14,999	5.3%	+/-0.9	3.1%	+/-0.9	1.6%
\$15,000 to \$24,999	11.2%	+/-1.3	7.6%	+/-1.4	5.2%
\$25,000 to \$34,999	8.4%	+/-1.1	6.5%	+/-1.3	5.0%
\$35,000 to \$49,999	11.8%	+/-1.3	10.5%	+/-1.3	9.2%
\$50,000 to \$74,999	19.6%	+/-1.5	21.0%	+/-2.0	21.8%
\$75,000 to \$99,999	11.0%	+/-1.2	13.0%	+/-1.4	14.4%
\$100,000 to \$149,999	13.2%	+/-1.2	16.3%	+/-1.6	19.1%
\$150,000 to \$199,999	5.8%	+/-1.0	7.9%	+/-1.5	9.3%
\$200,000 or more	7.6%	+/-1.0	10.5%	+/-1.5	12.4%
Median income (dollars)	58,555	+/-2,360	71,990	+/-3,636	83,446
Mean income (dollars)	83,527	+/-3,502	100,080	+/-4,782	N
PERCENT ALLOCATED					
Household income in the past 12 months	31.7%	(X)	(X)	(X)	(X)
Family income in the past 12 months	(X)	(X)	32.8%	(X)	(X)
Nonfamily income in the past 12 months	(X)	(X)	(X)	(X)	(X)

Subject	Chatham County, North Carolina			Lee County, North Carolina	
	Married-couple families	Nonfamily households		Households	
	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Total	+/-525	8,576	+/-530	21,349	+/-402
Less than \$10,000	+/-0.9	13.1%	+/-3.2	7.6%	+/-1.3
\$10,000 to \$14,999	+/-0.7	10.6%	+/-2.1	8.2%	+/-1.3
\$15,000 to \$24,999	+/-1.4	19.2%	+/-2.9	11.8%	+/-1.7
\$25,000 to \$34,999	+/-1.1	12.3%	+/-2.4	11.8%	+/-1.7
\$35,000 to \$49,999	+/-1.5	15.6%	+/-2.8	13.3%	+/-1.5
\$50,000 to \$74,999	+/-2.4	15.4%	+/-3.1	19.8%	+/-2.0
\$75,000 to \$99,999	+/-1.6	5.8%	+/-1.6	13.4%	+/-1.5
\$100,000 to \$149,999	+/-1.8	5.6%	+/-1.7	9.3%	+/-1.2
\$150,000 to \$199,999	+/-1.8	1.1%	+/-0.6	3.0%	+/-0.9
\$200,000 or more	+/-1.8	1.2%	+/-0.7	1.8%	+/-0.5
Median income (dollars)	+/-4,371	29,337	+/-2,624	46,402	+/-2,332
Mean income (dollars)	N	44,791	+/-4,750	58,622	+/-2,232
PERCENT ALLOCATED					
Household income in the past 12 months	(X)	(X)	(X)	36.5%	(X)
Family income in the past 12 months	(X)	(X)	(X)	(X)	(X)
Nonfamily income in the past 12 months	(X)	27.6%	(X)	(X)	(X)

Subject	Lee County, North Carolina				
	Families		Married-couple families		Nonfamily households
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate
Total	14,637	+/-510	10,661	+/-488	6,712
Less than \$10,000	3.9%	+/-0.9	1.2%	+/-0.7	17.4%
\$10,000 to \$14,999	4.8%	+/-1.3	2.0%	+/-1.0	16.6%
\$15,000 to \$24,999	9.6%	+/-1.6	8.0%	+/-2.0	16.6%
\$25,000 to \$34,999	11.5%	+/-1.9	9.5%	+/-1.9	12.2%
\$35,000 to \$49,999	13.4%	+/-2.0	13.1%	+/-2.0	13.7%
\$50,000 to \$74,999	21.6%	+/-2.4	23.7%	+/-2.9	14.1%
\$75,000 to \$99,999	17.1%	+/-1.9	19.9%	+/-2.4	4.9%
\$100,000 to \$149,999	12.0%	+/-1.8	14.9%	+/-2.3	3.1%
\$150,000 to \$199,999	4.1%	+/-1.3	4.9%	+/-1.5	0.3%
\$200,000 or more	2.1%	+/-0.7	2.8%	+/-1.0	1.0%
Median income (dollars)	57,288	+/-2,275	67,786	+/-3,506	24,488
Mean income (dollars)	67,599	+/-2,576	N	N	36,822
PERCENT ALLOCATED					
Household income in the past 12 months	(X)	(X)	(X)	(X)	(X)
Family income in the past 12 months	36.8%	(X)	(X)	(X)	(X)
Nonfamily income in the past 12 months	(X)	(X)	(X)	(X)	34.6%

Subject	Lee County, North Carolina
	Nonfamily households
	Margin of Error
Total	+/-441
Less than \$10,000	+/-3.2
\$10,000 to \$14,999	+/-3.2
\$15,000 to \$24,999	+/-3.0
\$25,000 to \$34,999	+/-2.9
\$35,000 to \$49,999	+/-2.6
\$50,000 to \$74,999	+/-2.8
\$75,000 to \$99,999	+/-1.7
\$100,000 to \$149,999	+/-1.3
\$150,000 to \$199,999	+/-0.3
\$200,000 or more	+/-0.6
Median income (dollars)	+/-3,102
Mean income (dollars)	+/-3,616
PERCENT ALLOCATED	
Household income in the past 12 months	(X)
Family income in the past 12 months	(X)
Nonfamily income in the past 12 months	(X)

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S1901

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Subject	Census Tract 207.02, Chatham County, North Carolina				
	Households		Families		Married-couple families
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate
Total	1,469	+/-111	1,099	+/-109	746
Less than \$10,000	5.6%	+/-3.6	2.1%	+/-2.3	1.2%
\$10,000 to \$14,999	5.9%	+/-4.5	4.4%	+/-4.9	2.3%
\$15,000 to \$24,999	7.7%	+/-4.3	2.8%	+/-2.4	3.2%
\$25,000 to \$34,999	5.9%	+/-3.4	3.8%	+/-3.2	5.6%
\$35,000 to \$49,999	12.7%	+/-5.2	9.5%	+/-4.9	10.1%
\$50,000 to \$74,999	22.1%	+/-6.2	25.5%	+/-8.1	14.9%
\$75,000 to \$99,999	12.9%	+/-6.1	15.8%	+/-7.9	14.3%
\$100,000 to \$149,999	16.0%	+/-4.7	21.4%	+/-5.9	29.8%
\$150,000 to \$199,999	2.5%	+/-1.7	3.0%	+/-2.2	4.4%
\$200,000 or more	8.8%	+/-3.4	11.7%	+/-4.6	14.2%
Median income (dollars)	60,964	+/-8,026	77,240	+/-11,757	98,125
Mean income (dollars)	81,709	+/-8,831	98,626	+/-11,220	N
PERCENT ALLOCATED					
Household income in the past 12 months	32.1%	(X)	(X)	(X)	(X)
Family income in the past 12 months	(X)	(X)	34.6%	(X)	(X)
Nonfamily income in the past 12 months	(X)	(X)	(X)	(X)	(X)

Subject	Census Tract 207.02, Chatham County, North Carolina			Census Tract 307.01, Lee County, North Carolina	
	Married-couple families	Nonfamily households		Households	
	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Total	+/-113	370	+/-106	1,843	+/-117
Less than \$10,000	+/-1.9	15.9%	+/-11.6	6.7%	+/-3.4
\$10,000 to \$14,999	+/-3.3	10.5%	+/-10.4	2.8%	+/-2.4
\$15,000 to \$24,999	+/-3.3	22.2%	+/-15.4	13.5%	+/-4.2
\$25,000 to \$34,999	+/-4.6	11.9%	+/-8.9	10.5%	+/-3.7
\$35,000 to \$49,999	+/-6.3	22.4%	+/-10.1	16.0%	+/-5.2
\$50,000 to \$74,999	+/-7.0	11.9%	+/-11.2	16.6%	+/-5.1
\$75,000 to \$99,999	+/-6.8	4.1%	+/-3.8	15.9%	+/-4.4
\$100,000 to \$149,999	+/-8.4	0.0%	+/-8.4	13.3%	+/-4.5
\$150,000 to \$199,999	+/-3.2	1.1%	+/-2.1	2.6%	+/-1.9
\$200,000 or more	+/-6.2	0.0%	+/-8.4	2.1%	+/-2.0
Median income (dollars)	+/-20,670	26,786	+/-12,449	50,495	+/-7,628
Mean income (dollars)	N	31,162	+/-6,927	66,952	+/-8,119
PERCENT ALLOCATED					
Household income in the past 12 months	(X)	(X)	(X)	43.7%	(X)
Family income in the past 12 months	(X)	(X)	(X)	(X)	(X)
Nonfamily income in the past 12 months	(X)	24.9%	(X)	(X)	(X)

Subject	Census Tract 307.01, Lee County, North Carolina				
	Families		Married-couple families		Nonfamily households
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate
Total	1,230	+/-125	931	+/-112	613
Less than \$10,000	4.7%	+/-3.9	0.9%	+/-1.3	13.2%
\$10,000 to \$14,999	0.6%	+/-0.9	0.0%	+/-3.4	7.3%
\$15,000 to \$24,999	9.1%	+/-4.4	8.4%	+/-4.7	19.6%
\$25,000 to \$34,999	9.6%	+/-4.7	6.7%	+/-5.1	13.4%
\$35,000 to \$49,999	14.3%	+/-5.3	8.9%	+/-4.5	20.9%
\$50,000 to \$74,999	16.7%	+/-5.6	21.1%	+/-6.5	15.3%
\$75,000 to \$99,999	22.3%	+/-6.8	25.0%	+/-8.5	1.6%
\$100,000 to \$149,999	16.7%	+/-5.6	21.2%	+/-6.8	6.5%
\$150,000 to \$199,999	2.8%	+/-2.5	3.8%	+/-3.3	2.1%
\$200,000 or more	3.2%	+/-3.0	4.2%	+/-4.0	0.0%
Median income (dollars)	66,364	+/-11,677	77,188	+/-6,486	32,850
Mean income (dollars)	79,398	+/-10,941	N	N	40,589
PERCENT ALLOCATED					
Household income in the past 12 months	(X)	(X)	(X)	(X)	(X)
Family income in the past 12 months	49.9%	(X)	(X)	(X)	(X)
Nonfamily income in the past 12 months	(X)	(X)	(X)	(X)	28.5%

Subject	Census Tract 307.01, Lee County, North Carolina
	Nonfamily households
	Margin of Error
Total	+/-113
Less than \$10,000	+/-7.1
\$10,000 to \$14,999	+/-6.8
\$15,000 to \$24,999	+/-7.5
\$25,000 to \$34,999	+/-8.0
\$35,000 to \$49,999	+/-10.9
\$50,000 to \$74,999	+/-8.3
\$75,000 to \$99,999	+/-2.7
\$100,000 to \$149,999	+/-8.0
\$150,000 to \$199,999	+/-3.4
\$200,000 or more	+/-5.2
Median income (dollars)	+/-6,577
Mean income (dollars)	+/-10,663
PERCENT ALLOCATED	
Household income in the past 12 months	(X)
Family income in the past 12 months	(X)
Nonfamily income in the past 12 months	(X)

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QT-P1

Age Groups and Sex: 2010

2010 Census Summary File 1

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see <http://www.census.gov/prod/cen2010/doc/sf1.pdf>.

Geography: Census Tract 207.02, Chatham County, North Carolina

Age	Number			Percent	
	Both sexes	Male	Female	Both sexes	Male
Total population	3,887	1,955	1,932	100.0	100.0
Under 5 years	232	114	118	6.0	5.8
5 to 9 years	264	135	129	6.8	6.9
10 to 14 years	247	134	113	6.4	6.9
15 to 19 years	209	104	105	5.4	5.3
20 to 24 years	155	82	73	4.0	4.2
25 to 29 years	137	68	69	3.5	3.5
30 to 34 years	221	106	115	5.7	5.4
35 to 39 years	251	127	124	6.5	6.5
40 to 44 years	291	157	134	7.5	8.0
45 to 49 years	376	197	179	9.7	10.1
50 to 54 years	333	173	160	8.6	8.8
55 to 59 years	353	180	173	9.1	9.2
60 to 64 years	280	137	143	7.2	7.0
65 to 69 years	199	93	106	5.1	4.8
70 to 74 years	135	66	69	3.5	3.4
75 to 79 years	85	40	45	2.2	2.0
80 to 84 years	59	22	37	1.5	1.1
85 to 89 years	36	16	20	0.9	0.8
90 years and over	24	4	20	0.6	0.2
Under 18 years	880	450	430	22.6	23.0
18 to 64 years	2,469	1,264	1,205	63.5	64.7
18 to 24 years	227	119	108	5.8	6.1
25 to 44 years	900	458	442	23.2	23.4
25 to 34 years	358	174	184	9.2	8.9
35 to 44 years	542	284	258	13.9	14.5
45 to 64 years	1,342	687	655	34.5	35.1
45 to 54 years	709	370	339	18.2	18.9
55 to 64 years	633	317	316	16.3	16.2
65 years and over	538	241	297	13.8	12.3
65 to 74 years	334	159	175	8.6	8.1
75 to 84 years	144	62	82	3.7	3.2
85 years and over	60	20	40	1.5	1.0
16 years and over	3,100	1,550	1,550	79.8	79.3
18 years and over	3,007	1,505	1,502	77.4	77.0
21 years and over	2,901	1,453	1,448	74.6	74.3
60 years and over	818	378	440	21.0	19.3
62 years and over	692	318	374	17.8	16.3
67 years and over	454	201	253	11.7	10.3
75 years and over	204	82	122	5.2	4.2

Age	Number			Percent	
	Both sexes	Male	Female	Both sexes	Male
Median age (years)	44.0	43.3	44.6	(X)	(X)

Age	Percent	Males per 100 females
	Female	
Total population	100.0	101.2
Under 5 years	6.1	96.6
5 to 9 years	6.7	104.7
10 to 14 years	5.8	118.6
15 to 19 years	5.4	99.0
20 to 24 years	3.8	112.3
25 to 29 years	3.6	98.6
30 to 34 years	6.0	92.2
35 to 39 years	6.4	102.4
40 to 44 years	6.9	117.2
45 to 49 years	9.3	110.1
50 to 54 years	8.3	108.1
55 to 59 years	9.0	104.0
60 to 64 years	7.4	95.8
65 to 69 years	5.5	87.7
70 to 74 years	3.6	95.7
75 to 79 years	2.3	88.9
80 to 84 years	1.9	59.5
85 to 89 years	1.0	80.0
90 years and over	1.0	20.0
Under 18 years	22.3	104.7
18 to 64 years	62.4	104.9
18 to 24 years	5.6	110.2
25 to 44 years	22.9	103.6
25 to 34 years	9.5	94.6
35 to 44 years	13.4	110.1
45 to 64 years	33.9	104.9
45 to 54 years	17.5	109.1
55 to 64 years	16.4	100.3
65 years and over	15.4	81.1
65 to 74 years	9.1	90.9
75 to 84 years	4.2	75.6
85 years and over	2.1	50.0
16 years and over	80.2	100.0
18 years and over	77.7	100.2
21 years and over	74.9	100.3
60 years and over	22.8	85.9
62 years and over	19.4	85.0
67 years and over	13.1	79.4
75 years and over	6.3	67.2
Median age (years)	(X)	(X)

X Not applicable.

Source: U.S. Census Bureau, 2010 Census.

Summary File 1, Tables P12, P13, and PCT12.



QT-P1

Age Groups and Sex: 2010

2010 Census Summary File 1

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see <http://www.census.gov/prod/cen2010/doc/sf1.pdf>.

Geography: Census Tract 307.01, Lee County, North Carolina

Age	Number			Percent	
	Both sexes	Male	Female	Both sexes	Male
Total population	4,751	2,326	2,425	100.0	100.0
Under 5 years	324	150	174	6.8	6.4
5 to 9 years	326	161	165	6.9	6.9
10 to 14 years	280	139	141	5.9	6.0
15 to 19 years	304	160	144	6.4	6.9
20 to 24 years	297	148	149	6.3	6.4
25 to 29 years	338	155	183	7.1	6.7
30 to 34 years	323	168	155	6.8	7.2
35 to 39 years	348	166	182	7.3	7.1
40 to 44 years	358	184	174	7.5	7.9
45 to 49 years	393	209	184	8.3	9.0
50 to 54 years	349	160	189	7.3	6.9
55 to 59 years	265	139	126	5.6	6.0
60 to 64 years	258	130	128	5.4	5.6
65 to 69 years	191	88	103	4.0	3.8
70 to 74 years	147	74	73	3.1	3.2
75 to 79 years	93	40	53	2.0	1.7
80 to 84 years	82	32	50	1.7	1.4
85 to 89 years	47	13	34	1.0	0.6
90 years and over	28	10	18	0.6	0.4
Under 18 years	1,117	545	572	23.5	23.4
18 to 64 years	3,046	1,524	1,522	64.1	65.5
18 to 24 years	414	213	201	8.7	9.2
25 to 44 years	1,367	673	694	28.8	28.9
25 to 34 years	661	323	338	13.9	13.9
35 to 44 years	706	350	356	14.9	15.0
45 to 64 years	1,265	638	627	26.6	27.4
45 to 54 years	742	369	373	15.6	15.9
55 to 64 years	523	269	254	11.0	11.6
65 years and over	588	257	331	12.4	11.0
65 to 74 years	338	162	176	7.1	7.0
75 to 84 years	175	72	103	3.7	3.1
85 years and over	75	23	52	1.6	1.0
16 years and over	3,762	1,847	1,915	79.2	79.4
18 years and over	3,634	1,781	1,853	76.5	76.6
21 years and over	3,447	1,677	1,770	72.6	72.1
60 years and over	846	387	459	17.8	16.6
62 years and over	743	331	412	15.6	14.2
67 years and over	512	220	292	10.8	9.5
75 years and over	250	95	155	5.3	4.1

Age	Number			Percent	
	Both sexes	Male	Female	Both sexes	Male
Median age (years)	37.5	37.4	37.6	(X)	(X)

Age	Percent	Males per 100 females
	Female	
Total population	100.0	95.9
Under 5 years	7.2	86.2
5 to 9 years	6.8	97.6
10 to 14 years	5.8	98.6
15 to 19 years	5.9	111.1
20 to 24 years	6.1	99.3
25 to 29 years	7.5	84.7
30 to 34 years	6.4	108.4
35 to 39 years	7.5	91.2
40 to 44 years	7.2	105.7
45 to 49 years	7.6	113.6
50 to 54 years	7.8	84.7
55 to 59 years	5.2	110.3
60 to 64 years	5.3	101.6
65 to 69 years	4.2	85.4
70 to 74 years	3.0	101.4
75 to 79 years	2.2	75.5
80 to 84 years	2.1	64.0
85 to 89 years	1.4	38.2
90 years and over	0.7	55.6
Under 18 years	23.6	95.3
18 to 64 years	62.8	100.1
18 to 24 years	8.3	106.0
25 to 44 years	28.6	97.0
25 to 34 years	13.9	95.6
35 to 44 years	14.7	98.3
45 to 64 years	25.9	101.8
45 to 54 years	15.4	98.9
55 to 64 years	10.5	105.9
65 years and over	13.6	77.6
65 to 74 years	7.3	92.0
75 to 84 years	4.2	69.9
85 years and over	2.1	44.2
16 years and over	79.0	96.4
18 years and over	76.4	96.1
21 years and over	73.0	94.7
60 years and over	18.9	84.3
62 years and over	17.0	80.3
67 years and over	12.0	75.3
75 years and over	6.4	61.3
Median age (years)	(X)	(X)

X Not applicable.

Source: U.S. Census Bureau, 2010 Census.

Summary File 1, Tables P12, P13, and PCT12.



QT-P3

Race and Hispanic or Latino Origin: 2010

2010 Census Summary File 1

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see <http://www.census.gov/prod/cen2010/doc/sf1.pdf>.

Geography: Census Tract 207.02, Chatham County, North Carolina

Subject	Number	Percent
RACE		
Total population	3,887	100.0
One race	3,837	98.7
White	3,174	81.7
Black or African American	497	12.8
American Indian and Alaska Native	21	0.5
American Indian, specified [1]	17	0.4
Alaska Native, specified [1]	0	0.0
Both American Indian and Alaska Native, specified	0	0.0
[1] American Indian or Alaska Native, not specified	4	0.1
Asian	36	0.9
Native Hawaiian and Other Pacific Islander	0	0.0
Some Other Race	109	2.8
Two or More Races	50	1.3
Two races with Some Other Race	6	0.2
Two races without Some Other Race	44	1.1
Three or more races with Some Other Race	0	0.0
Three or more races without Some Other Race	0	0.0
HISPANIC OR LATINO		
Total population	3,887	100.0
Hispanic or Latino (of any race)	191	4.9
Mexican	153	3.9
Puerto Rican	12	0.3
Cuban	3	0.1
Other Hispanic or Latino [2]	23	0.6
Not Hispanic or Latino	3,696	95.1
RACE AND HISPANIC OR LATINO		
Total population	3,887	100.0
One race	3,837	98.7
Hispanic or Latino	187	4.8
Not Hispanic or Latino	3,650	93.9
Two or More Races	50	1.3
Hispanic or Latino	4	0.1
Not Hispanic or Latino	46	1.2

X Not applicable.

[1] "American Indian, specified" includes people who provided a specific American Indian tribe, such as Navajo or Blackfeet. "Alaska Native, specified" includes people who provided a specific Alaska Native group, such as Inupiat or Yup'ik.

[2] This category is comprised of people whose origins are from the Dominican Republic, Spain, and Spanish-speaking Central or South American countries. It also includes general origin responses such as "Latino" or "Hispanic."

Source: U.S. Census Bureau, 2010 Census.



QT-P3

Race and Hispanic or Latino Origin: 2010

2010 Census Summary File 1

NOTE: For information on confidentiality protection, nonsampling error, and definitions, see <http://www.census.gov/prod/cen2010/doc/sf1.pdf>.

Geography: Census Tract 307.01, Lee County, North Carolina

Subject	Number	Percent
RACE		
Total population	4,751	100.0
One race	4,665	98.2
White	3,547	74.7
Black or African American	770	16.2
American Indian and Alaska Native	16	0.3
American Indian, specified [1]	12	0.3
Alaska Native, specified [1]	0	0.0
Both American Indian and Alaska Native, specified	0	0.0
[1] American Indian or Alaska Native, not specified	4	0.1
Asian	34	0.7
Native Hawaiian and Other Pacific Islander	1	0.0
Some Other Race	297	6.3
Two or More Races	86	1.8
Two races with Some Other Race	21	0.4
Two races without Some Other Race	48	1.0
Three or more races with Some Other Race	8	0.2
Three or more races without Some Other Race	9	0.2
HISPANIC OR LATINO		
Total population	4,751	100.0
Hispanic or Latino (of any race)	510	10.7
Mexican	368	7.7
Puerto Rican	40	0.8
Cuban	0	0.0
Other Hispanic or Latino [2]	102	2.1
Not Hispanic or Latino	4,241	89.3
RACE AND HISPANIC OR LATINO		
Total population	4,751	100.0
One race	4,665	98.2
Hispanic or Latino	479	10.1
Not Hispanic or Latino	4,186	88.1
Two or More Races	86	1.8
Hispanic or Latino	31	0.7
Not Hispanic or Latino	55	1.2

X Not applicable.

[1] "American Indian, specified" includes people who provided a specific American Indian tribe, such as Navajo or Blackfeet. "Alaska Native, specified" includes people who provided a specific Alaska Native group, such as Inupiat or Yup'ik.

[2] This category is comprised of people whose origins are from the Dominican Republic, Spain, and Spanish-speaking Central or South American countries. It also includes general origin responses such as "Latino" or "Hispanic."

Source: U.S. Census Bureau, 2010 Census.



B16001 | LANGUAGE SPOKEN AT HOME BY ABILITY TO SPEAK ENGLISH FOR THE POPULATION 5 YEARS AND OVER
 Universe: Population 5 years and over
 2011-2015 American Community Survey 5-Year Estimates

Supporting documentation on code lists, subject definitions, data accuracy, and statistical testing can be found on the American Community Survey website in the Data and Documentation section.

Sample size and data quality measures (including coverage rates, allocation rates, and response rates) can be found on the American Community Survey website in the Methodology section.

Tell us what you think. Provide feedback to help make American Community Survey data more useful for you.

Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns and estimates of housing units for states and counties.

	Census Tract 207.02, Chatham County, North Carolina		Census Tract 307.01, Lee County, North Carolina	
	Estimate	Margin of Error	Estimate	Margin of Error
Total:	3,791	+/-344	4,751	+/-453
Speak only English	3,670	+/-326	4,304	+/-437
Spanish or Spanish Creole:	73	+/-72	379	+/-246
Speak English "very well"	37	+/-56	185	+/-123
Speak English less than "very well"	36	+/-46	194	+/-184
French (incl. Patois, Cajun):	0	+/-12	13	+/-15
Speak English "very well"	0	+/-12	13	+/-15
Speak English less than "very well"	0	+/-12	0	+/-17
French Creole:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Italian:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Portuguese or Portuguese Creole:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
German:	29	+/-46	12	+/-19
Speak English "very well"	29	+/-46	12	+/-19
Speak English less than "very well"	0	+/-12	0	+/-17
Yiddish:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Other West Germanic languages:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Scandinavian languages:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Greek:	0	+/-12	9	+/-15
Speak English "very well"	0	+/-12	0	+/-17

	Census Tract 207.02, Chatham County, North Carolina		Census Tract 307.01, Lee County, North Carolina	
	Estimate	Margin of Error	Estimate	Margin of Error
Speak English less than "very well"	0	+/-12	9	+/-15
Russian:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Polish:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Serbo-Croatian:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Other Slavic languages:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Armenian:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Persian:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Gujarati:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Hindi:	0	+/-12	12	+/-19
Speak English "very well"	0	+/-12	12	+/-19
Speak English less than "very well"	0	+/-12	0	+/-17
Urdu:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Other Indic languages:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Other Indo-European languages:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Chinese:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Japanese:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Korean:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Mon-Khmer, Cambodian:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Hmong:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Thai:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Laotian:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Vietnamese:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Other Asian languages:	0	+/-12	0	+/-17

	Census Tract 207.02, Chatham County, North Carolina		Census Tract 307.01, Lee County, North Carolina	
	Estimate	Margin of Error	Estimate	Margin of Error
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Tagalog:	19	+/-30	22	+/-41
Speak English "very well"	19	+/-30	22	+/-41
Speak English less than "very well"	0	+/-12	0	+/-17
Other Pacific Island languages:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Navajo:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Other Native North American languages:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Hungarian:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Arabic:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Hebrew:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
African languages:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17
Other and unspecified languages:	0	+/-12	0	+/-17
Speak English "very well"	0	+/-12	0	+/-17
Speak English less than "very well"	0	+/-12	0	+/-17

Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to nonsampling error (for a discussion of nonsampling variability, see Accuracy of the Data). The effect of nonsampling error is not represented in these tables.

Methodological changes to data collection in 2013 may have affected language data for 2013. Users should be aware of these changes when using multi-year data containing data from 2013. For more information, see: Language User Note.

While the 2011-2015 American Community Survey (ACS) data generally reflect the February 2013 Office of Management and Budget (OMB) definitions of metropolitan and micropolitan statistical areas; in certain instances the names, codes, and boundaries of the principal cities shown in ACS tables may differ from the OMB definitions due to differences in the effective dates of the geographic entities.

Estimates of urban and rural population, housing units, and characteristics reflect boundaries of urban areas defined based on Census 2010 data. As a result, data for urban and rural areas from the ACS do not necessarily reflect the results of ongoing urbanization.

Source: U.S. Census Bureau, 2011-2015 American Community Survey 5-Year Estimates

Explanation of Symbols:

1. An '***' entry in the margin of error column indicates that either no sample observations or too few sample observations were available to compute a standard error and thus the margin of error. A statistical test is not appropriate.
2. An '-' entry in the estimate column indicates that either no sample observations or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest interval or upper interval of an open-ended distribution.
3. An '-' following a median estimate means the median falls in the lowest interval of an open-ended distribution.
4. An '+' following a median estimate means the median falls in the upper interval of an open-ended distribution.
5. An '***' entry in the margin of error column indicates that the median falls in the lowest interval or upper interval of an open-ended distribution. A statistical test is not appropriate.
6. An '*****' entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is

not appropriate.

7. An 'N' entry in the estimate and margin of error columns indicates that data for this geographic area cannot be displayed because the number of sample cases is too small.

8. An '(X)' means that the estimate is not applicable or not available.

Location: User-specified linear location
 Ring (buffer): .25-mile radius
 Description:

Summary of ACS Estimates		2012 - 2016
Population		128
Population Density (per sq. mile)		158
Minority Population		19
% Minority		15%
Households		59
Housing Units		73
Housing Units Built Before 1950		1
Per Capita Income		27,288
Land Area (sq. miles) (Source: SF1)		0.81
% Land Area		92%
Water Area (sq. miles) (Source: SF1)		0.07
% Water Area		8%

	2012 - 2016 ACS Estimates	Percent	MOE (±)
Population by Race			
Total	128	100%	306
Population Reporting One Race	126	98%	447
White	113	88%	304
Black	9	7%	64
American Indian	0	0%	12
Asian	0	0%	12
Pacific Islander	0	0%	12
Some Other Race	4	3%	43
Population Reporting Two or More Races	2	2%	27
Total Hispanic Population	8	6%	60
Total Non-Hispanic Population	120		
White Alone	109	85%	304
Black Alone	9	7%	64
American Indian Alone	0	0%	12
Non-Hispanic Asian Alone	0	0%	12
Pacific Islander Alone	0	0%	12
Other Race Alone	0	0%	12
Two or More Races Alone	2	2%	27
Population by Sex			
Male	75	59%	176
Female	53	41%	205
Population by Age			
Age 0-4	0	0%	81
Age 0-17	21	16%	146
Age 18+	107	84%	223
Age 65+	35	27%	107

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.
 N/A means not available. Source: U.S. Census Bureau, American Community Survey (ACS) 2012 - 2016.

Location: User-specified linear location
 Ring (buffer): .25-mile radius
 Description:

	2012 - 2016 ACS Estimates	Percent	MOE (±)
Population 25+ by Educational Attainment			
Total	98	100%	206
Less than 9th Grade	2	2%	51
9th - 12th Grade, No Diploma	7	7%	81
High School Graduate	23	23%	103
Some College, No Degree	29	30%	185
Associate Degree	12	13%	82
Bachelor's Degree or more	37	38%	108
Population Age 5+ Years by Ability to Speak English			
Total	128	100%	264
Speak only English	116	90%	261
Non-English at Home ¹⁺²⁺³⁺⁴	12	10%	72
¹ Speak English "very well"	7	5%	56
² Speak English "well"	6	4%	45
³ Speak English "not well"	0	0%	12
⁴ Speak English "not at all"	0	0%	12
³⁺⁴ Speak English "less than well"	0	0%	12
²⁺³⁺⁴ Speak English "less than very well"	6	4%	45
Linguistically Isolated Households*			
Total	5	100%	45
Speak Spanish	5	100%	43
Speak Other Indo-European Languages	0	0%	12
Speak Asian-Pacific Island Languages	0	0%	12
Speak Other Languages	0	0%	12
Households by Household Income			
Household Income Base	59	100%	99
< \$15,000	5	9%	73
\$15,000 - \$25,000	5	9%	45
\$25,000 - \$50,000	18	30%	51
\$50,000 - \$75,000	12	20%	72
\$75,000 +	19	33%	87
Occupied Housing Units by Tenure			
Total	59	100%	99
Owner Occupied	48	82%	85
Renter Occupied	11	18%	74
Employed Population Age 16+ Years			
Total	108	100%	232
In Labor Force	55	51%	198
Civilian Unemployed in Labor Force	0	0%	49
Not In Labor Force	53	49%	142

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.

N/A means not available. Source: U.S. Census Bureau, American Community Survey (ACS)

*Households in which no one 14 and over speaks English "very well" or speaks English only.

Location: User-specified linear location

Ring (buffer): .25-mile radius

Description:

	2012 - 2016 ACS Estimates	Percent	MOE (±)
Population by Language Spoken at Home*			
Total (persons age 5 and above)	N/A	N/A	N/A
English	N/A	N/A	N/A
Spanish	N/A	N/A	N/A
French	N/A	N/A	N/A
French Creole	N/A	N/A	N/A
Italian	N/A	N/A	N/A
Portuguese	N/A	N/A	N/A
German	N/A	N/A	N/A
Yiddish	N/A	N/A	N/A
Other West Germanic	N/A	N/A	N/A
Scandinavian	N/A	N/A	N/A
Greek	N/A	N/A	N/A
Russian	N/A	N/A	N/A
Polish	N/A	N/A	N/A
Serbo-Croatian	N/A	N/A	N/A
Other Slavic	N/A	N/A	N/A
Armenian	N/A	N/A	N/A
Persian	N/A	N/A	N/A
Gujarathi	N/A	N/A	N/A
Hindi	N/A	N/A	N/A
Urdu	N/A	N/A	N/A
Other Indic	N/A	N/A	N/A
Other Indo-European	N/A	N/A	N/A
Chinese	N/A	N/A	N/A
Japanese	N/A	N/A	N/A
Korean	N/A	N/A	N/A
Mon-Khmer, Cambodian	N/A	N/A	N/A
Hmong	N/A	N/A	N/A
Thai	N/A	N/A	N/A
Laotian	N/A	N/A	N/A
Vietnamese	N/A	N/A	N/A
Other Asian	N/A	N/A	N/A
Tagalog	N/A	N/A	N/A
Other Pacific Island	N/A	N/A	N/A
Navajo	N/A	N/A	N/A
Other Native American	N/A	N/A	N/A
Hungarian	N/A	N/A	N/A
Arabic	N/A	N/A	N/A
Hebrew	N/A	N/A	N/A
African	N/A	N/A	N/A
Other and non-specified	N/A	N/A	N/A
Total Non-English	N/A	N/A	N/A

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.

N/A means not available. Source: U.S. Census Bureau, American Community Survey (ACS) 2012 - 2016.

*Population by Language Spoken at Home is available at the census tract summary level and up.

Location: User-specified linear location
 Ring (buffer): .25-mile radius
 Description:

Summary	Census 2010
Population	160
Population Density (per sq. mile)	99
Minority Population	24
% Minority	15%
Households	83
Housing Units	98
Land Area (sq. miles)	1.62
% Land Area	92%
Water Area (sq. miles)	0.14
% Water Area	8%

Population by Race	Number	Percent
Total	160	-----
Population Reporting One Race	158	99%
White	138	86%
Black	15	9%
American Indian	1	1%
Asian	1	0%
Pacific Islander	0	0%
Some Other Race	4	2%
Population Reporting Two or More Races	2	1%
Total Hispanic Population	6	4%
Total Non-Hispanic Population	154	96%
White Alone	136	85%
Black Alone	15	9%
American Indian Alone	1	1%
Non-Hispanic Asian Alone	1	0%
Pacific Islander Alone	0	0%
Other Race Alone	0	0%
Two or More Races Alone	2	1%

Population by Sex	Number	Percent
Male	80	50%
Female	80	50%

Population by Age	Number	Percent
Age 0-4	11	7%
Age 0-17	38	24%
Age 18+	122	76%
Age 65+	24	15%

Households by Tenure	Number	Percent
Total	83	
Owner Occupied	68	82%
Renter Occupied	15	18%

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.
Source: U.S. Census Bureau, Census 2010 Summary File 1.

Location: User-specified linear location
 Ring (buffer): .25-mile radius
 Description:

Summary	Census 2010
Population	147
Population Density (per sq. mile)	181
Minority Population	50
% Minority	34%
Households	77
Housing Units	93
Land Area (sq. miles)	0.81
% Land Area	92%
Water Area (sq. miles)	0.07
% Water Area	8%

Population by Race	Number	Percent
Total	147	-----
Population Reporting One Race	145	99%
White	100	68%
Black	35	24%
American Indian	0	0%
Asian	1	1%
Pacific Islander	0	0%
Some Other Race	8	5%
Population Reporting Two or More Races	2	1%
Total Hispanic Population	12	8%
Total Non-Hispanic Population	135	92%
White Alone	97	66%
Black Alone	35	24%
American Indian Alone	0	0%
Non-Hispanic Asian Alone	1	1%
Pacific Islander Alone	0	0%
Other Race Alone	0	0%
Two or More Races Alone	1	1%

Population by Sex	Number	Percent
Male	73	50%
Female	73	50%

Population by Age	Number	Percent
Age 0-4	10	7%
Age 0-17	33	23%
Age 18+	114	77%
Age 65+	20	13%

Households by Tenure	Number	Percent
Total	77	
Owner Occupied	65	84%
Renter Occupied	12	16%

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.
Source: U.S. Census Bureau, Census 2010 Summary File 1.

Location: User-specified linear location
 Ring (buffer): .25-mile radius
 Description:

Summary of ACS Estimates		2012 - 2016
Population		180
Population Density (per sq. mile)		112
Minority Population		9
% Minority		5%
Households		79
Housing Units		92
Housing Units Built Before 1950		12
Per Capita Income		27,828
Land Area (sq. miles) (Source: SF1)		1.61
% Land Area		92%
Water Area (sq. miles) (Source: SF1)		0.14
% Water Area		8%

	2012 - 2016 ACS Estimates	Percent	MOE (±)
Population by Race			
Total	180	100%	306
Population Reporting One Race	178	99%	397
White	174	97%	304
Black	4	2%	45
American Indian	0	0%	12
Asian	0	0%	12
Pacific Islander	0	0%	12
Some Other Race	0	0%	12
Population Reporting Two or More Races	2	1%	27
Total Hispanic Population	3	2%	45
Total Non-Hispanic Population	177		
White Alone	170	95%	304
Black Alone	4	2%	45
American Indian Alone	0	0%	12
Non-Hispanic Asian Alone	0	0%	12
Pacific Islander Alone	0	0%	12
Other Race Alone	0	0%	12
Two or More Races Alone	2	1%	27
Population by Sex			
Male	94	53%	156
Female	85	47%	205
Population by Age			
Age 0-4	16	9%	81
Age 0-17	53	29%	146
Age 18+	127	71%	223
Age 65+	30	16%	93

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.
 N/A means not available. Source: U.S. Census Bureau, American Community Survey (ACS) 2012 - 2016.

Location: User-specified linear location
 Ring (buffer): .25-mile radius
 Description:

	2012 - 2016 ACS Estimates	Percent	MOE (±)
Population 25+ by Educational Attainment			
Total	121	100%	206
Less than 9th Grade	5	4%	51
9th - 12th Grade, No Diploma	18	15%	81
High School Graduate	33	27%	103
Some College, No Degree	50	41%	185
Associate Degree	12	10%	61
Bachelor's Degree or more	17	14%	58
Population Age 5+ Years by Ability to Speak English			
Total	163	100%	264
Speak only English	160	98%	261
Non-English at Home ¹⁺²⁺³⁺⁴	4	2%	47
¹ Speak English "very well"	4	2%	47
² Speak English "well"	0	0%	12
³ Speak English "not well"	0	0%	12
⁴ Speak English "not at all"	0	0%	12
³⁺⁴ Speak English "less than well"	0	0%	12
²⁺³⁺⁴ Speak English "less than very well"	0	0%	12
Linguistically Isolated Households*			
Total	0	0%	12
Speak Spanish	0	0%	12
Speak Other Indo-European Languages	0	0%	12
Speak Asian-Pacific Island Languages	0	0%	12
Speak Other Languages	0	0%	12
Households by Household Income			
Household Income Base	79	100%	99
< \$15,000	16	20%	73
\$15,000 - \$25,000	3	3%	21
\$25,000 - \$50,000	8	10%	37
\$50,000 - \$75,000	20	25%	72
\$75,000 +	32	41%	87
Occupied Housing Units by Tenure			
Total	79	100%	99
Owner Occupied	65	82%	83
Renter Occupied	14	18%	74
Employed Population Age 16+ Years			
Total	134	100%	232
In Labor Force	82	61%	198
Civilian Unemployed in Labor Force	4	3%	49
Not In Labor Force	52	39%	135

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.

N/A means not available. Source: U.S. Census Bureau, American Community Survey (ACS)

*Households in which no one 14 and over speaks English "very well" or speaks English only.

Location: User-specified linear location

Ring (buffer): .25-mile radius

Description:

	2012 - 2016 ACS Estimates	Percent	MOE (±)
Population by Language Spoken at Home*			
Total (persons age 5 and above)	N/A	N/A	N/A
English	N/A	N/A	N/A
Spanish	N/A	N/A	N/A
French	N/A	N/A	N/A
French Creole	N/A	N/A	N/A
Italian	N/A	N/A	N/A
Portuguese	N/A	N/A	N/A
German	N/A	N/A	N/A
Yiddish	N/A	N/A	N/A
Other West Germanic	N/A	N/A	N/A
Scandinavian	N/A	N/A	N/A
Greek	N/A	N/A	N/A
Russian	N/A	N/A	N/A
Polish	N/A	N/A	N/A
Serbo-Croatian	N/A	N/A	N/A
Other Slavic	N/A	N/A	N/A
Armenian	N/A	N/A	N/A
Persian	N/A	N/A	N/A
Gujarathi	N/A	N/A	N/A
Hindi	N/A	N/A	N/A
Urdu	N/A	N/A	N/A
Other Indic	N/A	N/A	N/A
Other Indo-European	N/A	N/A	N/A
Chinese	N/A	N/A	N/A
Japanese	N/A	N/A	N/A
Korean	N/A	N/A	N/A
Mon-Khmer, Cambodian	N/A	N/A	N/A
Hmong	N/A	N/A	N/A
Thai	N/A	N/A	N/A
Laotian	N/A	N/A	N/A
Vietnamese	N/A	N/A	N/A
Other Asian	N/A	N/A	N/A
Tagalog	N/A	N/A	N/A
Other Pacific Island	N/A	N/A	N/A
Navajo	N/A	N/A	N/A
Other Native American	N/A	N/A	N/A
Hungarian	N/A	N/A	N/A
Arabic	N/A	N/A	N/A
Hebrew	N/A	N/A	N/A
African	N/A	N/A	N/A
Other and non-specified	N/A	N/A	N/A
Total Non-English	N/A	N/A	N/A

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.

N/A means not available. Source: U.S. Census Bureau, American Community Survey (ACS) 2012 - 2016.

*Population by Language Spoken at Home is available at the census tract summary level and up.

Appendix C.

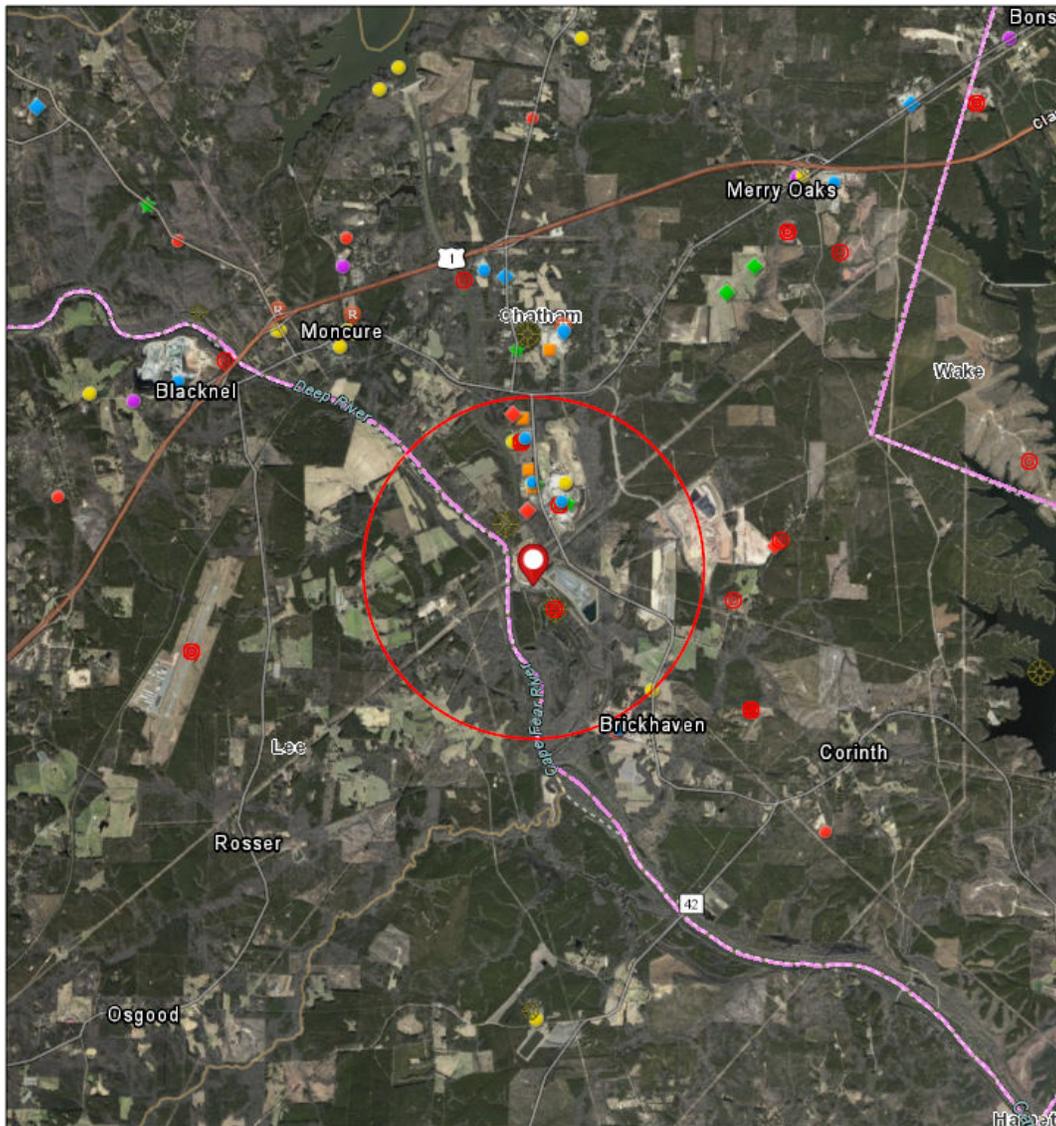
Screening Report from NCDEQ Community Mapping System and Environmental Justice Tool

NCDEQ Facility Screening Report

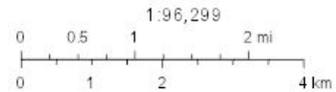
Area of Interest (AOI) Information

Area : 196,957,446.53 ft²

May 28 2019 15:22:59 Eastern Daylight Time



- Air Quality Permitted Facilities
- ⊙ NPDES_Stormwater_Permits
- NPDES Wastewater Treatment Facility Permits
 - ⊙ Major
 - ⊙ Minor
- ◆ Solid Waste Septage Sites



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, NC Counties, NCCGIA, NC OneMap, US EPA, NCDOT

Summary

Name	Count	Area(ft ²)	Length(ft)
Animal Operation Permits	0	N/A	N/A
NPDES_Stormwater_Permits	9	N/A	N/A
NPDES Wastewater Treatment Facility Permits	4	N/A	N/A
Solid Waste Septage Sites	0	N/A	N/A
Coal Ash Structural Fills (CCB) (Closed)	0	N/A	N/A
Permitted Solid Waste Landfills (Open and Closed)	2	N/A	N/A
Land Clearing and Inert Debris (LCID) Notifications	0	N/A	N/A
Contaminated Dry-Cleaning Sites	0	N/A	N/A
Possible Dry-Cleaning Contamination	0	N/A	N/A
Air Quality Permitted Facilities	3	N/A	N/A
Inactive Hazardous Sites	3	N/A	N/A
Pre-Regulatory Landfill Sites	0	N/A	N/A
Brownfields Program Sites	0	N/A	N/A
Hazardous Waste Sites	2	N/A	N/A
Underground Storage Tank Incidents	4	N/A	N/A
Above Ground Storage Tank Incidents	2	N/A	N/A
Underground Storage Tank Active Facilities	0	N/A	N/A
Petroleum Contaminated Soil Remediation Permits	0	N/A	N/A
Land Use Restriction and/or Notices	0	N/A	N/A

NPDES_Stormwater_Permits

#	PERMIT_NO	VERSION	OWNER_TYPE	OWNER_NAME	OWNER_AFFIL
1	NCG210033	5.00	Organization	Southern Veneer Speciality Products LLC	Ora Adams
2	NCS000574	1.00	Organization	Duke Energy Progress LLC	Paul Draovitch
3	NCS000151	2.00	Organization	Arauco North America Inc	Jeff McMillian
4	NCS000151	<i>No Data</i>	Organization	Arauco North America Inc	Jeff McMillian

#	FACILITY	FACIL_ADDR	FACIL_ADD2	CITY	STATE
1	Moncure Plywood	306 Corinth Rd	No Data	Moncure	NC
2	Cape Fear Steam Electric Power Plant	500 CP L Rd	No Data	Moncure	NC
3	Arauco NA Moncure Facility	985 Corinth Rd	No Data	Moncure	NC
4	Arauco NA Moncure Facility	985 Corinth Rd	No Data	Moncure	NC

#	ZIP	PERMIT_TYP	STATUS	ISSUED	EFFECTIVE
1	27559	Timber Products Stormwater Discharge COC	Active	8/1/2018, 4:00 AM	8/1/2018, 4:00 AM
2	27559	Stormwater Discharge, Individual	Active	5/27/2016, 4:00 AM	5/27/2016, 4:00 AM
3	27559	Stormwater Discharge, Individual	Expired	4/3/2009, 4:00 AM	5/1/2009, 4:00 AM
4	27559	Stormwater Discharge, Individual	In review	No Data	No Data

#	EXPIRATION	ORIG_ISSUE	LOCATION	Count
1	7/31/2023, 4:00 AM	3/5/1993, 3:00 AM	35.609145, -79.049797	5
2	4/30/2021, 4:00 AM	5/27/2016, 4:00 AM	35.587778, -79.044444	2
3	4/30/2014, 4:00 AM	10/21/1994, 4:00 AM	35.601111, -79.043889	1
4	No Data	10/21/1994, 4:00 AM	35.601111, -79.043889	1

NPDES Wastewater Treatment Facility Permits

#	PERM_NO	PERM_STAT	Perm_Type	FAC_NAME	PERMITTEE
1	NC0000892	Expired	Industrial Process & Commercial Wastewater Discharge	Arclin USA, Inc	Arclin USA Inc
2	NC0003433	Active	Industrial Process & Commercial Wastewater Discharge	Cape Fear Steam Electric Power Plant	Duke Energy Progress LLC
3	NC0023442	Active	Discharging 100% Domestic < 1MGD	Moncure Plywood	Boise Cascade Wood Products L L C
4	NC0040711	Expired	Industrial Process & Commercial Wastewater Discharge	Moncure Facility	Arauco Panels USA LLC

#	COUNTY	MAJ_MIN	OWNER_TYPE	EFFECTDATE	EXPIR_DATE
1	Chatham	Major	Non-Government	6/30/2013, 8:00 PM	7/30/2016, 8:00 PM
2	Chatham	Major	Non-Government	1/31/2019, 7:00 PM	6/29/2023, 8:00 PM
3	Chatham	Minor	Non-Government	5/31/2016, 8:00 PM	5/30/2021, 8:00 PM
4	Chatham	Minor	Non-Government	8/31/2011, 8:00 PM	7/30/2016, 8:00 PM

#	ASBUILDFLO	REC_STR	Laserfiche	Count
1	100000	HAW RIVER	http://edocs.deq.nc.gov/WaterResources/Search.aspx?dbid=0&searchcommand=%7B%5B%5D%3A%5BID%20%23%5D%3D%22NC0000892%22%7D	1
2	(null)	CAPE FEAR RIVER	http://edocs.deq.nc.gov/WaterResources/Search.aspx?dbid=0&searchcommand=%7B%5B%5D%3A%5BID%20%23%5D%3D%22NC0003433%22%7D	1
3	8000	HAW RIVER	http://edocs.deq.nc.gov/WaterResources/Search.aspx?dbid=0&searchcommand=%7B%5B%5D%3A%5BID%20%23%5D%3D%22NC0023442%22%7D	1
4	(null)	HAW RIVER	http://edocs.deq.nc.gov/WaterResources/Search.aspx?dbid=0&searchcommand=%7B%5B%5D%3A%5BID%20%23%5D%3D%22NC0040711%22%7D	1

Permitted Solid Waste Landfills (Open and Closed)

#	Permit_ID	Permit_Nam	Address	City	State
1	1902-DEMO-1985	Neste Resins Corporation	Corinth Road (S.R. 1916)	Moncure	NC
2	19B-DEMO-	Williamette Industries Inc	Corinth Road (S.R. 1916)	Moncure	NC

#	Zip	County	PrimaryWas	PrimaryOpe	PermitStat
1	27559	Chatham	CD	LF	InactiveClosed
2	27559	Chatham	CD	LF	InactiveClosed

#	PermitExpD	Status	Latitude	Longitude	Count
1	No Data	Closed	35.600406	-79.048785	1
2	No Data	Closed	35.612657	-79.051111	1

Air Quality Permitted Facilities

#	AQ_REGION_	LOCATION_N	LOC_COUNTY	EPA_FACILI	OVERRIDE_T
1	Raleigh Regional Office	Arauco North America, Inc.	1900015	3703700015	Title V
2	Raleigh Regional Office	Arclin USA, LLC	1900030	3703700030	Synthetic Minor
3	Raleigh Regional Office	Southern Veneer Specialty Products, LLC - Moncure	1900039	3703700039	Title V

#	LOC_ADDR_L	LOC_ADDR_1	LOC_CITY_N	FAC_STATE_	LOC_ZIP
1	985 Corinth Road	No Data	Moncure	NC	27559
2	790 Corinth Road	No Data	Moncure	NC	27559
3	306 Corinth Road	No Data	Moncure	NC	27559

#	NAICS_CODE	SIC_CODE	AFFILIATE_	CONTACT_NA	Govt_Owned
1	321219	2493	3.00	Ms	Facility Not Government Owned
2	325211	2821	3.00	Mr	Facility Not Government Owned
3	321212	2436	3.00	Mr	Facility Not Government Owned

#	Facility_S	Inspection	Send_to_EP	Count
1	Permitted	Y	Y	1
2	Permitted	Y	Y	1
3	Permitted	Y	Y	1

Inactive Hazardous Sites

#	EPAID	SITENAME	SITEADDR	SITECITY	SITECOUNTY
1	NONCD0001650	DYNEA	790 CORNITH ROAD	MONCURE	Chatham
2	NCD049845548	REICHHOLD CHEMICAL, INC.	SR 1916	MONCURE	CHATHAM
3	NONCD0000014	BOISE CASCADE	SR 1916	MONCURE	CHATHAM

#	LATITUDE	LONGITUDE	GEOLOC_COD	SOURCE	Land_Use_R	Vol_Cleanu	Count
1	35.603390	-79.047770	On Screen Placement On Georeferenced Map	AcmeMapper	FALSE	FALSE	1
2	35.605600	-79.048650	On Screen Placement On Georeferenced Map	ACMEMAPPER	FALSE	FALSE	1
3	35.612090	-79.049510	On Screen Placement On Georeferenced Map	ACMEMAPPER	FALSE	FALSE	1

Hazardous Waste Sites

#	HANDLER_ID	SITE_NAME	LOC_STR_NO	LOC_ADDR_1	LOC_ADDR_2
1	NCD982076135	ARAUCO PANELS USA LLC	985	CORINTH RD	No Data
2	NCD049845548	ARCLIN USA INC	790	CORINTH RD	No Data

#	LOC_CITY	LOC_COUNTY	LOC_ZIP	CONTACT_NA	CONTACT_PH
1	MONCURE	CHATHAM	27559	RICARDO HILLMAN	919-642-6623
2	MONCURE	CHATHAM	27559	BOWMAN F HARVEY	919-542-2526 1557

#	GENERATOR	TRANSPORTE	TREATER	STORER	LAND_UNIT
1	Small Quantity Generators	N	No Data	No Data	No Data
2	Large Quantity Generators	N	No Data	No Data	No Data

#	HSWA_PERMI	LAT	LONG	HCS_CODE	HCS_REF	HCS_RES	Count
1	No Data	35.601241	-79.042284	40	BATCHGEO.COM - YAHOO API	ROOFTOP	1
2	No Data	35.603823	-79.047339	40	BATCHGEO.COM - YAHOO API	RANGE_INTERPOLATED	1

Underground Storage Tank Incidents

#	IncidentNumber	USTNum	IncidentName	FacilID	Address
1	3219	RA-508	CHEMBOND CORP	No Data	SR 1916
2	5749	RA-858	WEYERHAEUSER MONCURE	No Data	985 Corinth Rd
3	6315	RA-948	NESTE RESINS	No Data	790 Corinth Rd
4	8077	RA-1235	WILLIAMETTE INDUST-MONCURE DIV	00-0-0000004287	SR 1916

#	CityTown	County	ZipCode	Mgr	ROCode
1	MONCURE	CHATH	27559-	MAF	RAL
2	MONCURE	CHATH	27559-	CCW	RAL
3	MONCURE	CHATH	27559-	MAF	RAL
4	MONCURE	CHATH	27559-	MAF	RAL

#	DateOccurred	DateReported	Comm	Reg	ConfRisk
1	May 12, 1986	May 2, 1986	C	R	Low Risk
2	July 5, 1990	January 29, 1990	N	N	Low Risk
3	August 14, 1990	August 14, 1990	C	N	Low Risk
4	July 13, 1990	June 11, 1991	C	R	Low Risk

#	LandUse	CloseOut	LURFiled	LUR_Resc	LUR_State
1	No Data	August 6, 1987	No Data	No Data	No Data
2	IND	No Data	No Data	No Data	No Data
3	No Data	November 15, 1991	No Data	No Data	No Data
4	No Data	May 26, 1992	No Data	No Data	No Data

#	CurrStatus	CDNum	RRADate	RRARisk	RRARankCURR
1	A	84	No Data	No Data	0
2	C	No Data	May 19, 2010	I	155
3	A	84	No Data	No Data	0
4	A	84	No Data	No Data	0

#	RRAAbate	LatDec	LongDec	Count
1	No Data	35.609102	-79.049897	1
2	D	35.603889	-79.042778	1
3	No Data	35.603817	-79.048090	1
4	No Data	35.609055	-79.051173	1

Above Ground Storage Tank Incidents

#	IncidentNumber	USTNum	IncidentName	FacIID	Address
1	5749	RA-5749	WEYERHAEUSER MONCURE	N/A	985 Corinth Rd
2	86000	RA-86000	C P & L CAPE FEAR PLANT	N/A	500 C P & L ROAD

#	CityTown	County	ZipCode	Mgr	ROCode
1	MONCURE	Chath	No Data	CCW	RAL
2	MONCURE	Chath	27599	CCW	RAL

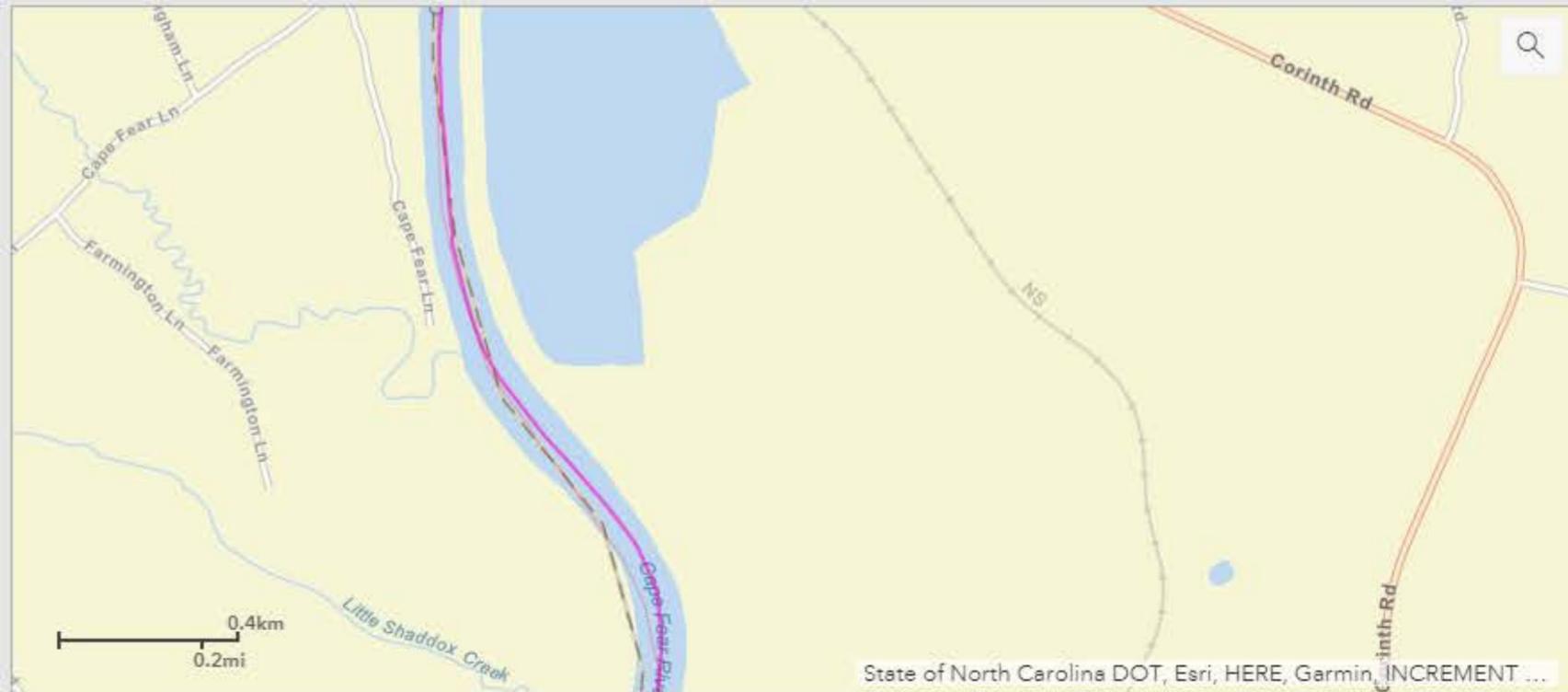
#	DateOccurred	DateReported	Comm	Reg	ConfRisk
1	633657600000	647222400000	No Data	No Data	Low Risk
2	999043200000	1004745600000	N	N	Intermediate Risk

#	LandUse	CloseOut	LURFiled	LUR_Resc	LUR_State
1	IND	No Data	No Data	No Data	No Data
2	IND	No Data	No Data	No Data	No Data

#	CurrStatus	CDNum	RRADate	RRARisk	RRAAbate
1	C	0	No Data	No Data	No Data
2	C	0	No Data	No Data	No Data

#	RRA_Rank	LatDec	LongDec	Count
1	0.00	35.603888	-79.042777	1
2	0.00	35.595000	-79.049166	1

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Street Map Facility Map

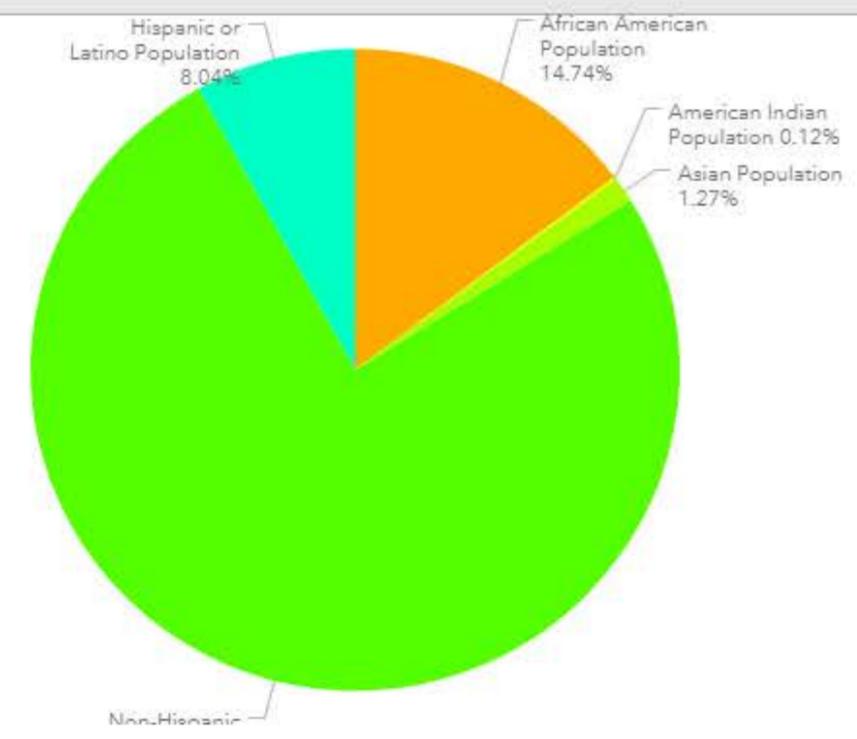
Health Data

The North Carolina Department of Health and Human Services (NCDHHS) provides health data at the county level, so data shown on the dashboard for health rates tell the overall county average, not the census tract average. If the map extent is panned between two or more counties, the health rates displayed are the average rates of *all counties visible in the map extent*, even if the entire counties aren't in view. Each health rate display tab also shows the state average rate for that particular topic for comparison. See the Glossary of Terms section for more information on how each rate is defined. Health data (with the exception of Asthma Hospitalization) is managed and updated by DHHS as new data is released. NCDEQ will be manually updating asthma hospitalization data.

Demographics

The Demographic Dashboard displays information on the census tract level from the 2017 5-year estimate American Community Survey (ACS). More information can be found about how each demographic group is defined in the Glossary of Terms section. Like the Health Dashboard, the population makeup shown is an average. However, the average is between all census tracts shown in the map extent, not counties. Graphs and charts will adjust accordingly as the user pans and zooms the map.

Demographics Dashboard



Last update: a day ago

Race Gender and Total Population Disabled Population Household Income Poverty Level

Health Dashboard



PreTerm Birth Rate Infant Death Rate Child Mortality Rate



Heart Disease Cancer Diabetes



Asthma Hospitalizations Number of Physicians

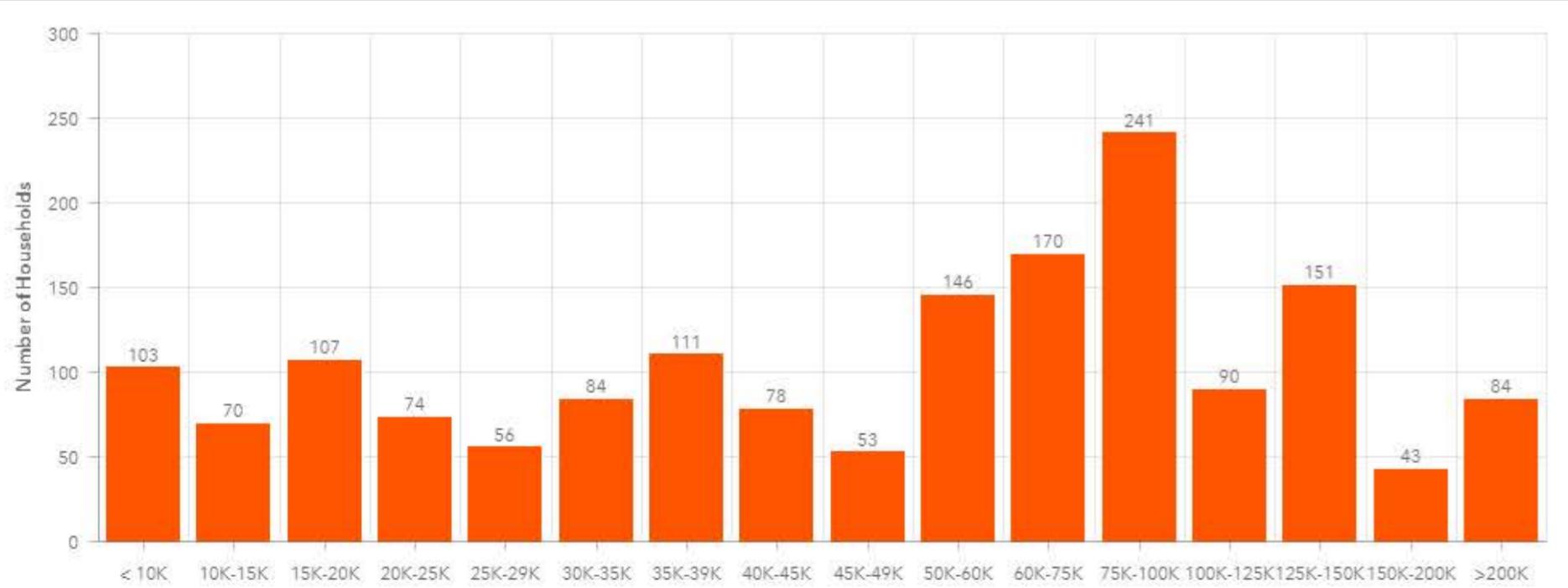


Stroke Cardiovascular Disease



Street Map Facility Map

Demographics Dashboard



Last update: a day ago

Race Gender and Total Population Disabled Population Household Income Poverty Level

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Health Dashboard

Average of PreTerm Birth Rate

10.3

State Average = 10

Last update: a day ago

PreTerm Birth Rate Infant Death Rate Child Mortality Rate

Average of Heart Disease Deaths

147.6

State Average 163.7

Last update: a day ago

Heart Disease Cancer Diabetes

Hospitalizations due to Asthma

14 (Ages 0-14) - State Average 28

42 (Total) - State Average 90

Last update: a day ago

Asthma Hospitalizations Number of Physicians

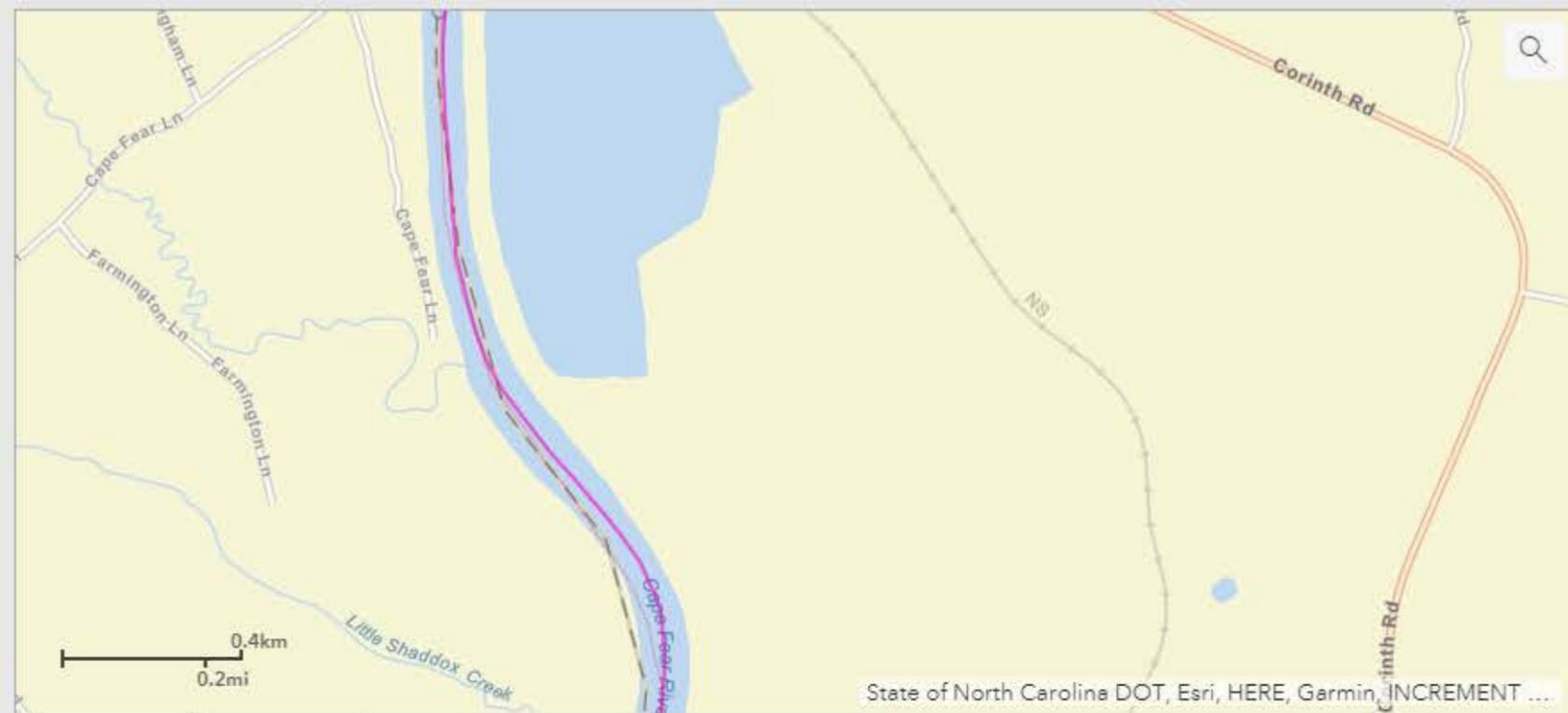
Average Deaths caused by Stroke

39.85

State Average 43.1

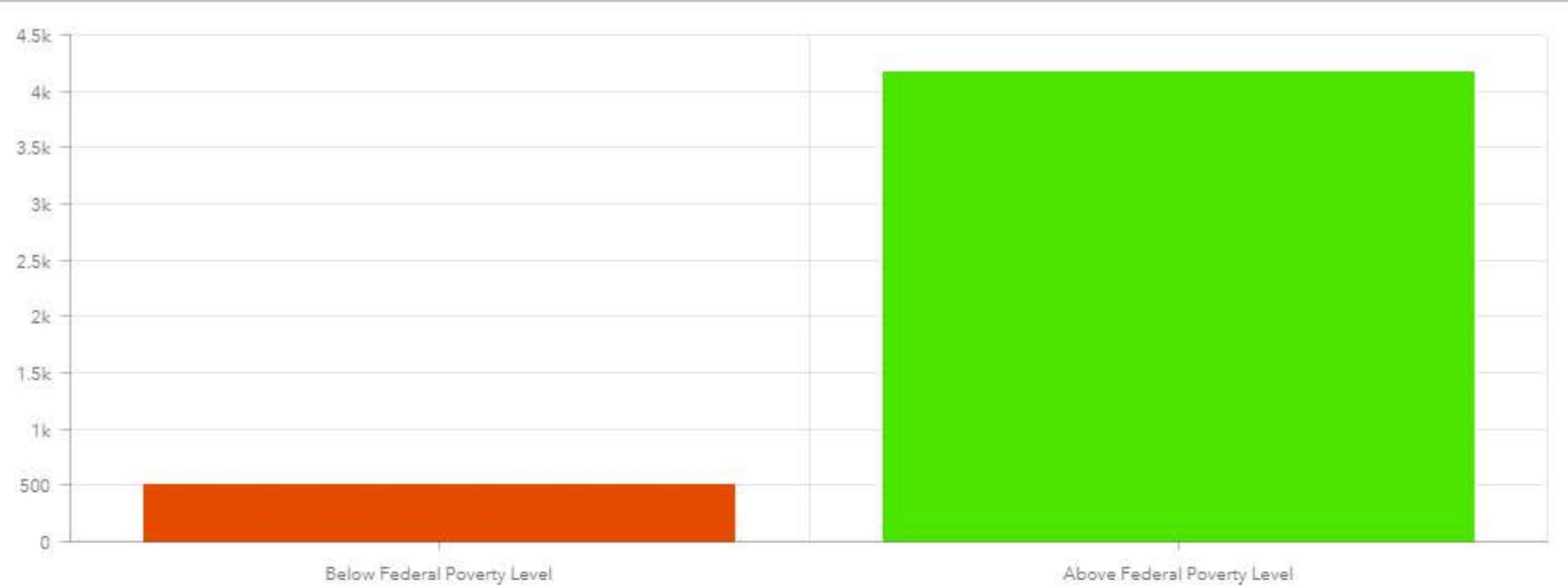
Last update: a day ago

Stroke Cardiovascular Disease



Street Map Facility Map

Demographics Dashboard



Last update: a day ago

Race Gender and Total Population Disabled Population Household Income Poverty Level

Health Dashboard

Average of Infant Death Rate 2011-2015 (Per 100,000)

9.25

State Average 7.2

Last update: a day ago

Average Deaths caused by Cancer

160.45

State Average 169.1

Last update: a day ago

PreTerm Birth Rate Infant Death Rate Child Mortality Rate

Heart Disease Cancer Diabetes

1 of 2

Number of Primary Care Physicians

3.492

State Average 4.812

Last update: a day ago

Average Cardiovascular Disease Deaths

200.75

State Average 221.9

Last update: a day ago

Asthma Hospitalizations Number of Physicians

Stroke Cardiovascular Disease

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