

## **North Carolina Census 2010 ArcGIS Layer – North Carolina Counties and Census Tracts**

Duke Libraries – Data and GIS Services

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This shapefile collection is designed to provide quick access to key demographic variables contained in the 2010 Census, Summary File 1. These data were collected in February 2012 from the Census FTP site and the Tiger/Line Shapefiles site. Averages at the tract level were downloaded from the FactFinder site, as FTP data split tracts into pieces.

The map attributes (listed below) parallel those provided by Esri Data and Maps census products.


For further information, consult the Summary File 1 documentation

(<http://www.census.gov/prod/cen2010/doc/sf1.pdf>).

### Sources

**2011 Tiger/Line Shapefiles** - <http://www.census.gov/geo/www/tiger/tgrshp2011/tgrshp2011.html>

**2010 US Census, Summary File 1 (FTP)** - [http://www2.census.gov/census\\_2010/04-Summary\\_File\\_1/](http://www2.census.gov/census_2010/04-Summary_File_1/)

Variable	Census Field Codes	Description	Notes
<b>TIGER/Line Shapefile Attributes</b>			
ObjectID		Unique identifier	
Shape		Shapefile object	
STATE_FIPS		State FIPS code	
CNTY_FIPS		County FIPS code	
STCOFIPS		State/county FIPS code	5 Digits
TRACT		Tract code	
FIPS		State/county/tract code	11 Digits
NAME		Short name	
NAMELSAD		Formal name	
<b>Census 2010, Summary File 1 Attributes</b>			
AREALAND		Total land area	Converted from square meters (1 square meter = 3.86102159*10 <sup>-7</sup> square miles)
AREAWATR		Total water area	Converted from square meters (1 square meter = 3.86102159*10 <sup>-7</sup> square miles)
INTPTLAT		Point latitude	
INTPTLON		Point longitude	
POP2010	P0010001	Total population	
POP10_SQMI	P0010001 / [AREALAND]	Population density	People per square mile
WHITE	P0030002	Population, white alone	Count
BLACK	P0030003	Population, black / African American alone	Count
AMERI_ES	P0030004	Population, American Indian and Alaska Native alone	Count
ASIAN	P0030005	Population, Asian alone	Count
HAWN_PI	P0030006	Population, Native Hawaiian and Other Pacific Islander alone	Count
OTHER	P0030007	Population, some other race alone	Count
MULT_RACE	P0030008	Population, two or more races	Count
<b>HISPANIC</b> 	<b>P0040002</b>	Population, Hispanic or Latino	Count
<b>NONHISPANIC</b>	<b>P0040003</b>	Population, non-Hispanic	Count
MALES	P0120002	Population, male	Count
FEMALES	P0120026	Population, female	Count
AGE_UNDER5	P0120003 + P0120027	Population, under age 5	Count
AGE_5_9	P0120004 + P0120028	Population, age 5-9	Count
AGE_10_14	P0120005 + P0120029	Population, age 10-14	Count
AGE_15_17	P0120006 + P0120030	Population, age 15-17	Count
AGE_18_19	P0120007 + P0120031	Population, age 18-19	Count
AGE_20	P0120008 + P0120032	Population, age 20	Count
AGE_21	P0120009 + P0120033	Population, age 21	Count
AGE_22_24	P0120010 + P0120034	Population, age 22-24	Count
AGE_25_29	P0120011 + P0120035	Population, age 25-29	Count

<b>Variable</b>	<b>Census Field Codes</b>	<b>Description</b>	<b>Notes</b>
AGE_30_34	P0120012 + P0120036	Population, age 30-34	Count
AGE_35_39	P0120013 + P0120037	Population, age 35-39	Count
AGE_40_44	P0120014 + P0120038	Population, age 40-44	Count
AGE_45_49	P0120015 + P0120039	Population, age 45-49	Count
AGE_50_54	P0120016 + P0120040	Population, age 50-54	Count
AGE_55_59	P0120017 + P0120041	Population, age 55-59	Count
AGE_60_61	P0120018 + P0120042	Population, age 60-61	Count
AGE_62_64	P0120019 + P0120043	Population, age 62-64	Count
AGE_65_66	P0120020 + P0120044	Population, age 65-66	Count
AGE_67_69	P0120021 + P0120045	Population, age 67-69	Count
AGE_70_74	P0120022 + P0120046	Population, age 70-74	Count
AGE_75_79	P0120023 + P0120047	Population, age 75-79	Count
AGE_80_84	P0120024 + P0120048	Population, age 80-84	Count
AGE_OVER 84	P0120025 + P0120049	Population, over 84	Count
MED_AGE	P0130001	Median age, total population	
MED_AGE_M	P0130002	Median age, males	
MED_AGE_F	P0130003	Median age, females	
HOUSEHOLDS	P0180001	Total households	
AVE_HH_SZ	P0170001	Average household size, all households	
HSEHLD_1_M	P0190003	One person household, male	
HSEHLD_1_F	P0190004	One person household, female	
MARHH_CHD	P0200004	Married households with children	
MARHH_NO_C	P0200028	Married households with no children	
MHH_CHILD	P0200009	Male householder, no wife present, with children	
FHH_CHILD	P0200013	Female householder, no husband present, with children	
FAMILIES	P0350001	Number of families	
AVE_FAM_SZ	P0370001	Average family size, all families	
HSE_UNITS	H00010001	Housing units	
VACANT	H0030003	Units vacant	
OWNER_OCC	H0040002 + H0040003	Units occupied by owner	
RENTER_OCC	H0040004	Units occupied by renter	

**Note: bold items are not in the Esri Data and Maps 2010 version. *Italicized items will exist only in either the county or tract version.***