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November 12, 2008

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: Duke Energy Carolinas, LLC
William States Lee III Nuclear Station - Docket Nos. 52-018 and 52-019
AP1000 Combined License Application for the
William States Lee III Nuclear Station Units 1 and 2
Response to Request for Additional Information
Ltr# WLG2008.11-14

Reference: Letter from J.M. Muir (NRC) to B.J. Dolan (Duke Energy), *Request for Additional Information Regarding the Environmental Review of the Combined License Application for William States Lee Nuclear Station Units 1 and 2*, dated August 21, 2008

This letter provides the Duke Energy response to the Nuclear Regulatory Commission's (NRC) requests for the following additional information (RAI) items listed in the reference letter:

RAI 12, Hydrology
RAI 27, Socioeconomics
RAI 29, Socioeconomics
RAI 83, Terrestrial Ecology
RAI 90, Ecology

A response to these NRC requests are addressed in the enclosures which also identify any associated changes that will be made in a future revision of the William States Lee III Nuclear Station application.

If you have any questions or need any additional information, please contact Peter S. Hastings at 980-373-7820.

Bryan J. Dolan
Vice President
Nuclear Plant Development
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Enclosures:

1. Response to RAI 12, Hydrology
2. Response to RAI 27, Socioeconomics
3. Response to RAI 29, Socioeconomics
4. Response to RAI 83, Terrestrial Ecology
5. Response to RAI 90, Ecology

AFFIDAVIT OF BRYAN J. DOLAN

Bryan J. Dolan, being duly sworn, states that he is Vice President, Nuclear Plant Development, Duke Energy Carolinas, LLC, that he is authorized on the part of said Company to sign and file with the U. S. Nuclear Regulatory Commission this supplement to the combined license application for the William States Lee III Nuclear Station and that all the matter and facts set forth herein are true and correct to the best of his knowledge.

Bryan J. Dolan
Bryan J. Dolan

Subscribed and sworn to me on November 12, 2008

Debra P. Scariotto
Notary Public

My commission expires: June 26, 2011

SEAL



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xc (wo/enclosures):

Michael Johnson, Director, Office of New Reactors
Gary Holahan, Deputy Director, Office of New Reactors
David Matthews, Director, Division of New Reactor Licensing
Scott Flanders, Director, Division of Site and Environmental Reviews
Glenn Tracy, Director, Division of Construction Inspection and Operational Programs
Luis Reyes, Regional Administrator, Region II
Loren Plisco, Deputy Regional Administrator, Region II
Thomas Bergman, Deputy Division Director, DNRL
Stephanie Coffin, Branch Chief, DNRL

xc (w/enclosures):

Linda Tello, Project Manager, DSER
Brian Hughes, Senior Project Manager, DNRL

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bxc (w/out enclosures):

Dhiaa Jamil
Peter Hastings
Ted Bowling
Kate Nolan
Rita Sipe
Lisa Vaughn

bxc (w/ enclosures):

Chris Nolan
Paul Bessette
Kathryn Sutton
Shelley Kowkabany (Enercon)
ELL 05P
File No. WLG 4000.25-04-03

Lee Nuclear Station Response to Request for Additional Information (RAI)

RAI Letter Dated: August 21, 2008

Reference NRC RAI Number: ER RAI-12

NRC RAI:

Provide an explanation of precipitation and runoff values for Make-Up Ponds A and B.

Duke Energy Response:

Rainfall is based on the Gaffney, South Carolina, monthly rainfall data from the Gaffney 6 E station. The period of record used is from 1944 through 2007. An average annual precipitation of 48.41 inches (in.) has been used to estimate the average annual inflow to Make-Up Ponds A and B and Hold-Up Pond A. The Soil Conservation Service curve number method was used to estimate infiltration losses using the average monthly rainfall and based on a curve number (CN) value of 81 for the Make-Up Pond A and Hold-Up Pond A watersheds. A CN value of 73 was used for the Make-Up Pond B watershed. The resulting runoff and conversion to an inflow rate is provided below.

Average Annual Inflow to Make-Up Ponds A and B
and Hold-Up Pond A Due to Rainfall Runoff

	Average Annual Runoff		Watershed Area		Average Annual Inflow		Inflow Rate
	in. (1)	ft. (2)	sq. mi. (3)	sq. ft. (4)	cu. ft. (5)	gal. (6)	gpm (7)
Make-Up Pond A	25.84	2.15	0.6	16,727,040	35,963,136	269,004,257	512
Make-Up Pond B	18.70	1.56	2.55	71,089,920	110,900,275	829,534,057	1578
Hold-Up Pond A	25.84	2.15	0.031	864,230	1,858,095	13,898,543	26

(2) = (1) / 12 (1 ft. = 12 in.)

(4) = (3) X 5280 X 5280 (1 mi. = 5280 ft.)

(5) = (2) X (4)

(6) = (5) X 7.48 (1 cu. ft. = 7.48 gal.)

(7) = (6) / (365 X 24 X 60) (1 yr. = 365 X 24 X 60 min.)

The annual pan evaporation rate of 51.8 in. is verified using the South Carolina Average Annual Pan Evaporation Map obtained from the website of the South Carolina State Climatology Office. A higher evaporation rate will result in a lower inflow rate for the ponds and will be a conservative approach. The evaporation coefficient is 0.7, which is used to convert pan evaporation rates to typically observed rates. Therefore, the annual evaporation rate used is 51.8 X 0.7 = 36.26 in.

Average Annual Evaporation Rates for Make-Up
Ponds A and B and Hold-Up Pond A

	Average Annual Evaporation		Pond Area		Average Annual Outflow		Evaporation Rate
	in. (1)	ft. (2)	Ac. (3)	sq. ft (4)	cu. ft. (5)	gal. (6)	gpm (7)
Make-Up Pond A	36.26	3.02	61.88	2,695,493	8,140,389	60,890,110	116
Make-Up Pond B ^a			164.12	7,149,067	21,590,182	161,494,561	307
Hold-Up Pond A			4.2	182,952	552,515	4,132,812	8

(2) = (1) / 12 (1 ft. = 12 in.)

(4) = (3) X 43560 (1 acre = 43560 ft.)

(5) = (2) X (4)

(6) = (5) X 7.48 (1 cu. ft. = 7.48 gal.)

(7) = (6)/(365 X 24 X 60) (1 yr. = 365 X 24 X 60 min.)

(a) The surface area for Make-Up Pond B is comprised of the main body (154 ac.) and the upper arm (10.12 ac.). Therefore, the total surface area of Make-Up Pond B is 164.12 ac.

The net average inflow to Make-Up Pond A, Make-Up Pond B, and Hold-Up Pond A is calculated by subtracting the evaporation rate from the inflow rate.

Net Average Annual Inflow to Make-Up Ponds A and B
and Hold-Up Pond A.

	Make-Up Pond A	Make-Up Pond B	Hold-Up Pond A
Average Annual Net Inflow (Runoff - Evaporation)	512 - 116 = 396 gpm	1578 - 307 = 1271 gpm	26 - 8 = 18 gpm

Associated Revisions to the Lee Nuclear Station Combined License Application:

The following changes to the COLA reflect revisions to the precipitation and runoff calculation and the incorporation of 2007 precipitation data.

1. Revise COLA Part 3, ER Chapter 2, Subsection 2.3.1.3.2, Paragraphs 1 and 2, as follows:

The Lee Nuclear Site has three man-made impoundments: (1) the Make-Up Pond B, (2) the Make-Up Pond A, and (3) the Hold-Up Pond A. These features, along with the constructed earthen dams and site structures, are shown in Figure 2.3-5. Bathymetry studies of the impoundments were conducted in ~~the fall of~~ 2006 and 2007. Temperature distributions and stratification of waters of these impoundments are discussed in Subsection 2.3.3.1.

The average annual pan evaporation rate for the region (1950 – 1992) is 51.8 inches (in.), with monthly averages ranging from 1.46 in. in January to 6.92 in. in July. Pan evaporation is usually greater than the actual evaporation from nearby land surfaces. A widely accepted coefficient of pan evaporation to the actual evaporation is approximately 0.7, thus an annual evaporation of approximately ~~3236~~ in. is approximated (Reference 23).

2. Revise COLA Part 3, ER Chapter 2, Subsection 2.3.1.3.2.1, Paragraphs 3 and 4, as follows:

During 2006-2007, water levels in the Make-Up Pond B varied ~~0.340.49~~ ft., representing approximately ~~7352~~ ac-ft or approximately ~~1.84-3~~ percent of the total storage volume. It should be noted that the Make-Up Pond B was receiving waters from dewatering activities, thus affecting the water balance. These activities were conducted to remove water from the original excavation at the Lee Nuclear Site which was full of water prior to site characterization. All of this water was pumped to the Make-Up Pond B.

Based on conditions at the Lee Nuclear Site and using Soil Conservation Service runoff curve number methods, inflow from rainfall and runoff, less infiltration losses and evaporation, contributes approximately 22911271 gallons per minute (gpm) to the impoundment. Site observations and aerial photographs indicate the Make-Up Pond B retains water to near full pond level under natural conditions.

3. Revise COLA Part 3, ER Chapter 2, Subsection 2.3.1.3.2.2, Paragraphs 2 and 3, as follows:

The Make-Up Pond A crest elevation varies from 557.5 ft. to a low point of 555 ft. (Reference 8). At the time of the survey, the impoundment elevation was approximately 546.1 ft. above msl with full impoundment elevation at 547 ft. This is a relatively small surface water impoundment with a surface area of approximately 61.88 ac. Bathymetry exhibited a maximum depth of 57.2 ft., mean depth of 26.1 ft., and estimated volume storage of 1425 ac-ft (Figure 2.3-6, Sheet 3). During 2006-2007, water levels in the Make-Up Pond A varied ~~0.894.95~~ ft., representing approximately ~~53114~~ ac-ft or ~~3.78-0~~ percent of the total storage volume.

Based on conditions at the Lee Nuclear Site and using Soil Conservation Service runoff curve number methods, rainfall and runoff, less infiltration losses and evaporation, contribute on average 629396 gpm to the impoundment. Based on site observations and review of available historical aerial photographs, the Make-Up Pond A retains water to near full impoundment level under natural conditions.

4. Revise COLA Part 3, ER Chapter 2, Subsection 2.3.1.3.2.3, as follows:

The Hold-Up Pond A is a small impoundment located directly north of the proposed reactor locations (Figure 2.3-6, Sheet 4). Two dams were built in the late 1970s to form this impoundment. The crest elevation of the dam is approximately 539 ft. above msl with current normal pond elevation of approximately 535 ft. above msl (Reference 8). Very little to no sediment accumulation was observed in this impoundment. The surface area of this impoundment is 4.2 ac. and the total storage volume at full pond is 52 ac-ft. Based on conditions at the Lee Nuclear Site and using Soil Conservation Service runoff curve number methods, rainfall and runoff, less infiltration losses and evaporation, contribute on average 1518 gpm to the impoundment. Based on site observation and review of available historical aerial photographs, the Hold-Up Pond A retains water to near full impoundment level under natural conditions.

5. Revise COLA Part 3, ER Chapter 2, Subsection 2.3.1.5.5, Paragraph 3, as follows:

Based on conditions at the Lee Nuclear Site and using Soil Conservation Service runoff curve number methods, an estimated ~~The surface materials in many locations are relatively impermeable, with the result that only 22 to 33~~ 47 percent of annual precipitation contributes

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to recharging to the water table infiltrates toward the water table in the Make-Up Pond A and Hold-Up Pond A watersheds. An estimated 61 percent of annual precipitation infiltrates toward the water table in the Make-Up Pond B watershed. (Reference 5) Approximately 32

in. of water is lost to evaporation. Groundwater is contained in the pores that occur in the weathered material (residual soil, saprolite) above the relatively unweathered rock and within the fractures in the igneous and metamorphic rock. The depth to the water table depends on climate, topography, rock type, and rock weathering. The water table varies from ground surface elevation in valleys to more than 100 ft. below the surface on sharply rising hills. The groundwater level normally declines during the late spring, summer, and early fall months as a result of evaporation and transpiration by plants, and throughout most of the fall when rainfall is typically low. The groundwater level rises in the late fall and winter when the evaporation potential is reduced (Reference 5).

Associated Attachments: None

Lee Nuclear Station Response to Request for Additional Information (RAI)

RAI Letter Dated: August 21, 2008

Reference NRC RAI Number: ER RAI-27

NRC RAI:

Provide additional discussion of socioeconomic impact assumptions concerning commuter patterns.

Duke Energy Response:

Based on Shaw Group experience with construction projects in the southeast, it is assumed that 30 percent of the construction workforce for the proposed Lee Nuclear Stations will be recruited from within the 50-mile (mi.) region. The remaining 70 percent of the construction workforce in-migrate from outside the 50-mi. region. Of that 70 percent of construction workers, 25 percent will bring their families.

Within this 50-mi. radius are several small and large cities/towns, including Gaffney and Blacksburg, South Carolina (SC) (Cherokee County); York and Rock Hill, SC (York County); Spartanburg, SC (Spartanburg County); Shelby, North Carolina (NC) (Cleveland County); Gastonia, NC (Gaston County); and Charlotte, NC (Mecklenburg County). Because of the significant populations within these cities and towns, dispersing the in-migrating workforce among these population centers would minimize the socioeconomic impacts to a negligible level. To conservatively maximize the potential socioeconomic impacts, the Environmental Report assumed that the in-migrating workforce would settle in Cherokee and York counties. This assumption is reasonable because it is expected that the majority of construction workers who in-migrate to the 50-mi. region will desire to live close to the project location, tempered by available housing accommodations, or will choose where they will live based on life-balance considerations.

Because Cherokee County contains the communities closest to the site, and York County contains communities with more amenities (such as housing availability, shopping, and closeness to Duke Energy's Headquarters in Charlotte, NC), these two counties are where the Environmental Report assumed that a majority of in-migrating construction workers (70 percent of total workers) will choose to live. In addition to the 30 percent of pre-existing construction workers already living in the 50-mi. region, it is assumed that half of 70 percent (or 35 percent) of the in-migrating workforce will live in Cherokee County and half of the 70 percent (35 percent) will live in York County. ER Section 4.4 describes the demographic considerations used in this analysis and the socioeconomic impacts.

A transportation study was conducted in 2007, and a draft report was made available for NRC inspection at the Duke Energy Charlotte office during the environmental audit. The objectives of the study are to project the vehicular traffic impacts of the proposed station construction on the identified study area and review various options to mitigate the impacts of construction traffic. The study area is confined to selected intersections within Cherokee County that provide access to the Lee Nuclear Site. The study considers an estimated construction workforce total of 3124. The trip distribution and assignment of percentages to construction traffic on the road network are based on existing South Carolina Department of Transportation (SCDOT) 2005 annual average daily traffic (AADT) volumes. Although no information is available from the SCDOT on motivating factors that establish the historical level of use at these intersections, such as access to gas stations, restaurants, or commutes to regional workplaces, the 2005 AADT count provides an accurate baseline picture of the current traffic distribution.

To conservatively maximize traffic impacts near the Lee Nuclear Site, the traffic study attributes 100 percent of the trip distribution designation to Cherokee County but does not designate specific cities, towns, or counties where the construction traffic population originates. This assumption is valid because

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potential construction worker populations located in the southern portion of York County have access to the site via the road network connecting to Highway 105 in Cherokee County, which then connects to Highway 329 and McKowns Mountain Road. The population located in the northern portion of York County has access to the site via the road network connecting to Hwy 161 at Interstate-85 (at the South Carolina/North Carolina border). Commuters would then progress down I-85 to Highway 329 and to McKowns Mountain Road. The other York County access to the site is Hwy 5. Recently, a \$44 million upgrade of Hwy 5 was completed, expanding the road to a four-lane highway in York and Cherokee counties, and west to I-85 (Attachment 27-1), which also would funnel commuters to Highway 329 and McKowns Mountain Road.

For construction workers living outside of Cherokee and York counties, it is assumed that the bulk will commute to the site by I-85, as modeled in the transportation study because Spartanburg, Gastonia, and Charlotte all lie along I-85. Consequently, regardless of where commuters actually originate, they all converge on the same roads (Highway 329, Highway 105 and McKowns Mountain Road) which are evaluated in the transportation study.

In conclusion, the transportation study distributes the commuter workforce to maximize traffic impacts for the purposes of the study. However, the Environmental Report socioeconomic evaluation focuses on the construction workforce populations in Cherokee and York counties to conservatively maximize the socioeconomic impacts.

The draft 2007 transportation study used for this response is presently being updated to account for the projected increase in construction workforce from 3,124 to 4,512.

Associated Revisions to the Lee Nuclear Station Combined License Application:

No COLA revisions have been identified with this response.

Associated Attachments:

- Attachment 27-1 South Carolina Department of Transportation, 10 Year Highway Construction Projects, 2008 Edition, Cherokee County, Website, http://www.scdot.org/doing/pdfs/10yearplan/11CHER_08F.pdf, accessed July 28, 2008.
- Attachment 27-2 U.S. Census Bureau, North Carolina – County, 2006 Population Estimates, Website, http://factfinder.census.gov/servlet/GCTTable?-ds_name=PEP_2006_EST&-mt_name=PEP_2006_EST_GCTT1_ST2&-geo_id=04000US37&-format=ST-2&-tree_id=806&-context=gct, accessed August 13, 2008.
- Attachment 27-3 U.S. Census Bureau, North Carolina – Place, 2006 Population Estimates, Website, http://factfinder.census.gov/servlet/GCTTable?-ds_name=PEP_2006_EST&-mt_name=PEP_2006_EST_GCTT1_ST9&-geo_id=04000US37&-format=ST-9&-tree_id=806&-context=gct, accessed August 13, 2008.
- Attachment 27-4 U.S. Census Bureau, South Carolina – County, 2006 Population Estimates, Website, http://factfinder.census.gov/servlet/GCTTable?-ds_name=PEP_2006_EST&-mt_name=PEP_2006_EST_GCTT1R_ST2S&-geo_id=04000US45&-format=ST-2&-tree_id=806&-context=gct, accessed August 13, 2008.

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- Attachment 27-5 Average Annual Daily Traffic – Cherokee County, SC, Website,
<http://www.scdot.org/getting/aadt.shtml>, accessed September 25, 2008.
- Attachment 27-6 *Highway Capacity Manual 2000*, Transportation Research Board of the National
Academies, 2000.

Lee Nuclear Station Response to Request for Additional Information (RAI)

Attachment 27-1 to RAI 27

**South Carolina Department of Transportation, 10 Year Highway Construction
Projects, 2008 Edition, Cherokee County**



10 Year Highway Construction Projects

2008 Edition

CHEROKEE COUNTY

This booklet compiles 10 years of SCDOT highway construction projects in Cherokee County. Information is divided into three sections based on construction status as outlined below.

1. SCDOT Projects Completed

Listing of SCDOT projects completed between Jan. 1998 and Dec. 2007 in ascending order by completion date.

2. C Projects Completed

Listing of "C" or Secondary road projects completed between Jan. 1998 and Dec. 2007 in ascending order by completion date.

3. Projects Under Construction

Listing of projects under construction as of Dec. 31, 2007 with estimated completion dates.

2008 Prepared by SCDOT, Traffic Engineering, Road Data Services.

CHEROKEE COUNTY

SCDOT PROJECTS COMPLETED

Lee Nuclear Station
Environmental Report
RAI No. 27
Attachment 27-1

WORK TYPE	ROUTE	BEGINNING POINT	ENDING POINT	COST	COMPLETION DATE
A	SC 105	INTR OF SC 105 W/ RD S-31	ADD LT TURN LANES ALL APPR	283,183	01/06/1998
B	S- 44	BR OVER KINGS CREEK	8.5 KM SE OF BLACKSBURG	880,788	05/24/1998
B	S- 39	BR OV MACEDONIA CREEK	8.9 KM W OF GAFFNEY	312,086	05/24/1998
B	S-98	BR OVER BOWENS RIVER	4.4 MI NW OF BLACKSBURG	663,107	09/30/1998
R	S- 83	S-11-98	SC 18	372,195	10/31/1998
R	S- 98	SQUALL VALLEY RD.	0.15 MI N OF SC 18	SEE ABOVE	10/31/1998
R	S- 128	S-11-229	0.7 MI S OF S-11-40	SEE ABOVE	10/31/1998
R	S- 527	S-11-89	END STATE MAINTENANCE	SEE ABOVE	10/31/1998
R	I-85	FROM MP 83.33	TO MP 105.7	3,463,263	11/30/1998
B	S-40	BR OV LITTLE THICKETTY CR	5.8 MI SW OF GAFFNEY	525,244	12/31/1998
B	S-61	BRIDGE OVER CHEROKEE CREEK		318,751	03/31/1999
B	S-74	BR OV BRANCH OF SUCK CR	20.6 KM NW OF GAFFNEY	224,844	05/31/1999
R	VARIOUS	MAINT. RESURFACING		912,418	10/29/1999
R	VARIOUS	FEDERAL AID RESURFACING		3,271,269	11/19/1999
B	ACADEMY	REPLACE BRIDGE OVER	NORFORK SOUTHERN R/R	359,502	12/10/1999
R	VARIOUS	MAINT. RESURFACING		444,513	05/10/2000
R	VARIOUS	FEDERAL AID RESURFACING		3,847,077	11/30/2000
B	S-59	REPLACE BRIDGE OVER	MACEDONIA CREEK	580,000	11/30/2000
O	I-85	INTERSECTION IMPROVEMENTS		188,500	04/25/2001
R	I-85	MILE POST 86	NC LINE MP 106.3	5,350,655	06/19/2001
A	SC-18	INTERSECTION @ S-24		253,900	03/09/2001
R	SC-55	VARIOUS ROADS IN COUNTY		48,045	10/31/2001
B	S-107	BR OV BRANCH OF MACEDONIA	CK 12KM NW OF GAFFNEY	380,000	08/31/2001
S	I-85	MILE POST 79 (RD S-57)	MILE POST 106.28 (NC STATE LINE)	1,204,000	09/30/2001
R	SC 18	US 29	RD-S-11-281	322,732	07/31/2002
R	SC 18	RD S-661	0.79 MI NORTH	SEE ABOVE	07/31/2002
B	I-85	2 BRIDGES OVER THICKETTY CR	3.9 MI WEST OF GAFFNEY	10,640,000	11/26/2002
B	I-85	TWIN BRIDGES OVER	CHEROKEE CREEK (MAINLINE)	19,624,000	08/01/2003
A	SC-198	US RT 29	I-85	11,513,000	06/14/2003
A	I-85	BRIDGE @ SC-11 (EXIT 92)	RT11/I-85	27,418,000	11/26/2003
B	S-54	BRIDGE OVER THICKETTY CR	12.6 MI SE OF GAFFNEY	1,497,000	02/04/2003
A	I-85	INTERCHANGE AT SC 198		355,000	03/31/2003
A	I-85	INTERCHANGE AT US 29		549,000	03/31/2003
A	I-85	INTERCHANGE AT RD S-39		261,000	03/31/2003
A	I-85	INTERCHANGE AT SC RT 5		266,000	03/31/2003
B	S- 43	BR OVER DOOLITTLE CREEK	1.3 MILES S OF BLACKSBURG	866,000	04/10/2003
B	S-123	RD S-21	KINGS MTN NATIONAL PARK	926,104	09/01/2003
B	I-85	TWIN BRIDGES OVER BROAD RIVER		10,708,442	06/20/2004
B	I-85	TWIN BRIDGES OVER BUFFALO CREEK		8,165,860	05/23/2004
B	I-85	INTERCHANGE WITH RD S-99		862,000	09/30/2004
R	SC 5	I-85	US RT 29	376,958	06/30/2004
B	S- 49	BRIDGE OVER N/S RAILROAD	3.0 MILES NE OF GAFFNEY	1,482,000	04/23/2004
B	S- 163	BR OVER CHEROKEE CREEK	7.6 KM NW OF GAFFNEY	660,353	04/08/2005
R	VARIOUS	VARIOUS ROADS IN CHEROKEE CTY		279,391	05/18/2005
R	VARIOUS	VARIOUS ROADS IN CHEROKEE CTY		322,647	11/30/2005
R	VARIOUS	VARIOUS ROADS IN CHEROKEE CTY		1,040,836	11/30/2005
R	VARIOUS	VARIOUS ROADS IN CHEROKEE CTY		998,755	05/18/2005
O	VARIOUS	VARIOUS ROADS IN CHEROKEE CTY		88,886	11/30/2005
B	S- 42	BR W/CULVERT OV LITTLE THICKETTY CREEK (SEE SPART)		88,887	06/27/2005
B	US 29	BR OVER BIG THICKETTY CK	4.7 MI SW OF GAFFNEY	6,178,000	07/10/2005
R	I- 85	MP 96 NEAR SC 18	FOR APPROX. 1800 FT. NB	736,151	09/19/2005
A	SC 105	US RT 29	I-85	21,175,000	05/23/2006
B	S- 307	BR OVER IRENE CREEK	5.0 KM SW OF GAFFNEY	2,371,208	06/20/2006
R	VARIOUS	VAR SECONDARY RESURFACING	PROJECTS BY MAINTENANCE	427,830	06/30/2006
R	VARIOUS	VAR SECONDARY RD/RTS	THROUGHOUT CHEROKEE CTY	203,586	10/15/2006
R	VARIOUS	VAR SECONDARY RD/RTS	THROUGHOUT CHEROKEE CTY	222,392	07/25/2006
R	VARIOUS	VAR MAINT RESURF PROJECTS	THROUGHOUT CHEROKEE CTY	747,701	10/31/2006
R	VARIOUS	VAR MAINT RESURF PROJECTS	FOR THE CTC IN CHEROKEE	551,763	11/30/2006
B	US 29	BRIDGE OVER BROAD RIVER	4.2 MILES N OF GAFFNEY	7,395,169	04/30/2007
A, B	SC 5	YORK/CHEROKEE CTY LN WEST	I-85	43,896,000	07/02/2007
R	VARIOUS	VAR SECONDARY ROADWAYS	THROUGHOUT CHEROKEE CTY	258,000	06/01/2007
R	VARIOUS	VAR SECONDARY ROADWAYS	THROUGHOUT CHEROKEE CTY	172,000	06/28/2007

CONTINUED ON NEXT PAGE

A = Road Construction
B = Bridges/Culverts
C = C - Projects
R = Resurfacing/Rehab.

S = Safety/Signs/Signals
X = Railroad X-ing
O = Other Projects

CHEROKEE COUNTY
SCDOT PROJECTS COMPLETED

Lee Nuclear Station
Environmental Report
RAI No. 27
Attachment 27-1

WORK TYPE	ROUTE	BEGINNING POINT	ENDING POINT	COST	COMPLETION DATE
R	VARIOUS	VARIOUS NHS RTES THROUGH-	OUT CHEROKEE COUNTY	1,400,020	06/29/2007
B	US 29	BRIDGE OVER I-85		157,901	10/03/2007
A, B	US 221 AL	NW OF GAFFNEY NR COWPENS	NATIONAL BATTLEFIELD	1,047,000	11/15/2007
R	VARIOUS	VAR SECONDARY MAINTENANCE	ROADWAYS IN CHEROKEE CTY	672,179	10/19/2007
R	VARIOUS	MAINTENANCE CHIPPING AND	SEALING FOR CHEROKEE CTY	281,830	11/02/2007

TOTAL SCDOT PROJECTS COMPLETED **211,089,921**

A = Road Construction
B = Bridges/Culverts
C = C - Projects
R = Resurfacing/Rehab.

S = Safety/Signs/Signals
X = Railroad X-ing
O = Other Projects

CHEROKEE COUNTY
C-PROJECTS COMPLETED

Lee Nuclear Station
Environmental Report
RAI No. 27
Attachment 27-1

WORK TYPE	ROUTE	BEGINNING POINT	ENDING POINT	COST	COMPLETION DATE
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NO C-PROJECTS SINCE 1996

TOTAL C PROJECTS COMPLETED

TOTAL PROJECTS COMPLETED

A = Road Construction
B = Bridges/Culverts
C = C - Projects
R = Resurfacing/Rehab.

S = Safety/Signs/Signals
X = Railroad X-ing
O = Other Projects

CHEROKEE COUNTY
PROJECTS UNDER CONSTRUCTION
AS OF DECEMBER 31, 2007

Lee Nuclear Station
Environmental Report
RAI No. 27
Attachment 27-1

WORK TYPE	ROUTE	BEGINNING POINT	ENDING POINT	COST	EST COMPLETION
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NO PROJECTS CURRENTLY UNDER CONSTRUCTION

TOTAL PROJECTS UNDER CONSTRUCTION 0

A = Road Construction
B = Bridges/Culverts
C = C - Projects
R = Resurfacing/Rehab.

S = Safety/Signs/Signals
X = Railroad X-ing
O = Other Projects

CHEROKEE COUNTY

TOTAL COSTS

	<u>\$ COST</u>
COMPLETE PROJECTS JAN 1998 - DECEMBER 2007	211,089,921
UNDER CONSTRUCTION AS OF DECEMBER 31, 2007	0
 COUNTY GRAND TOTAL	 211,089,921

Lee Nuclear Station Response to Request for Additional Information (RAI)

Attachment 27-2 to RAI 27

U.S. Census Bureau, North Carolina – County, 2006 Population Estimates

U.S. Census Bureau

p o p u l a t i o n e s t i m a t e s

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population estimates



The Population Estimates Program publishes total resident population estimates and demographic components of change (births, deaths, and migration) each year. We also publish the estimates by demographic characteristics (age, sex, race, and Hispanic origin) for the nation, states and counties. In addition to the resident population universe, we also produce population estimates for these universes: resident plus armed forces overseas, civilian, and civilian non-institutional at the national level; and civilian at the state level. The reference date for estimates is July 1.

Estimates usually are for the present and the past, while projections are estimates of the population for future dates. We develop these estimates with the assistance of the Federal State Cooperative Program for Population Estimates (FSCPE).

These estimates are used in federal funding allocations, as denominators for vital rates and per capita time series, as survey controls, and in monitoring recent demographic changes. With each new issue of July 1 estimates, we revise estimates for years back to the last census. Previously published estimates are superseded and archived.

The Population Estimates are also available on American Factfinder.

**July 1, 2007 County and Puerto Rico Municipios
Characteristics Population Estimates Available**

The latest County and Puerto Rico Municipios Characteristics Population Estimates - for July 1, 2007 - were released August 7, 2008. Our Public Information Office provides the press release.

August 7, 2008[download entire data set](#)

Source: U.S. Census Bureau, Population Division
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Page Last Modified: August 07, 2008

U.S. Census Bureau
American FactFinder**North Carolina -- County**
GCT-T1. Population Estimates
Data Set: 2006 Population Estimates

Note: For information on errors stemming from model error, sampling error, and nonsampling error, see:
<http://www.census.gov/popest/topics/methodology>.

Geographic area	Population Estimates							Estimates Base	Census 2000
	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001	July 1, 2000	April 1, 2000	April 1, 2000
North Carolina	8,856,505	8,672,459	8,531,040	8,415,710	8,313,494	8,199,541	8,078,909	8,046,491	8,049,313
COUNTY									
Alamance County	142,661	140,227	138,282	136,488	135,640	133,631	131,487	130,794	130,800
Alexander County	36,177	35,815	35,309	34,723	34,440	34,020	33,680	33,609	33,603
Alleghany County	10,912	10,864	10,867	10,866	10,837	10,798	10,702	10,680	10,677
Anson County	25,472	25,689	25,628	25,153	25,235	25,239	25,254	25,275	25,275
Ashe County	25,499	25,293	25,248	25,039	24,842	24,659	24,460	24,384	24,384
Avery County	17,674	17,700	17,707	17,698	17,694	17,585	17,194	17,167	17,167
Beaufort County	46,355	45,878	45,528	45,345	45,235	45,096	44,990	44,958	44,958
Bertie County	19,094	19,331	19,421	19,417	19,586	19,659	19,720	19,757	19,773
Bladen County	32,921	32,885	32,907	32,581	32,430	32,554	32,257	32,279	32,278
Brunswick County	94,945	89,108	84,435	81,533	78,871	76,369	73,770	73,141	73,143
Buncombe County	222,174	218,380	215,588	212,869	210,454	208,370	207,000	206,299	206,330
Burke County	90,054	89,472	89,396	89,433	89,260	89,379	89,279	89,145	89,148
Cabarrus County	156,395	149,585	145,578	143,016	139,788	136,289	132,222	131,030	131,063
Caldwell County	79,841	79,334	78,845	78,894	78,756	78,222	77,619	77,388	77,415
Camden County	9,271	8,970	8,425	7,887	7,424	7,127	6,929	6,885	6,885
Carteret County	63,584	62,849	62,079	61,089	60,344	59,895	59,409	59,383	59,383
Caswell County	23,546	23,490	23,562	23,636	23,677	23,525	23,550	23,501	23,501
Catawba County	153,784	151,345	149,329	147,307	146,512	145,383	142,508	141,677	141,685
Chatham County	60,052	58,089	56,838	55,356	53,835	51,752	49,733	49,334	49,329
Cherokee County	26,309	25,723	25,362	24,969	24,702	24,495	24,391	24,298	24,298
Chowan County	14,695	14,484	14,404	14,285	14,189	14,135	14,120	14,150	14,526
Clay County	10,008	9,755	9,482	9,314	9,146	9,012	8,816	8,775	8,775
Cleveland County	98,373	97,999	98,099	98,010	97,648	97,162	96,584	96,284	96,287
Columbus County	54,637	54,399	54,480	54,484	54,698	54,683	54,758	54,749	54,749
Craven County	94,875	93,829	93,030	93,403	92,344	92,905	91,666	91,523	91,436
Cumberland County	299,060	299,027	305,953	306,388	304,094	302,239	302,794	302,962	302,963
Currituck County	23,770	23,116	22,057	20,769	19,612	18,842	18,342	18,190	18,190
Dare County	33,935	33,720	33,565	33,031	32,114	30,953	30,196	29,967	29,967
Davidson County	156,236	154,533	153,450	152,032	150,784	149,414	147,688	147,269	147,246
Davie County	40,035	39,015	37,913	37,167	36,682	36,071	35,068	34,835	34,835
Duplin County	52,790	51,838	51,632	51,127	50,659	49,955	49,198	49,063	49,063
Durham County	246,896	242,354	238,986	235,644	233,446	229,217	224,545	223,306	223,314
Edgecombe County	53,964	54,001	54,243	54,529	54,816	55,136	55,301	55,606	55,606
Forsyth County	332,355	325,726	320,285	316,959	314,290	310,777	306,927	306,044	306,067
Franklin County	55,886	54,620	53,408	52,115	50,571	48,958	47,616	47,260	47,260
Gaston County	199,397	196,237	193,887	193,075	193,007	191,996	190,702	190,310	190,365
Gates County	11,527	11,180	10,840	10,712	10,611	10,544	10,507	10,516	10,516
Graham County	7,995	8,004	8,064	7,997	8,081	8,017	7,995	7,993	7,993
Granville County	54,473	53,424	52,743	52,479	51,756	50,045	48,759	48,498	48,498
Greene County	20,157	20,074	20,093	19,884	19,521	19,250	19,057	18,974	18,974
Guilford County	451,905	443,539	437,051	433,643	430,156	427,303	422,366	421,048	421,048
Halifax County	55,521	55,627	55,891	56,250	56,446	56,760	57,295	57,370	57,370
Harnett County	106,283	103,765	101,218	98,890	96,854	93,964	91,627	91,062	91,025

Geographic area	Population Estimates							Estimates Base	Census 2000
	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001	July 1, 2000	April 1, 2000	April 1, 2000
Haywood County	56,447	56,084	56,041	55,567	55,044	54,611	54,119	54,034	54,033
Henderson County	99,033	97,175	95,414	93,779	92,440	90,996	89,632	89,204	89,173
Hertford County	23,581	23,536	23,397	23,551	23,761	23,108	22,948	22,977	22,601
Hoke County	42,303	40,675	38,919	37,184	36,122	34,870	33,904	33,646	33,646
Hyde County	5,341	5,442	5,461	5,536	5,733	5,687	5,790	5,826	5,826
Iredell County	146,206	140,462	136,599	133,218	130,495	127,305	123,620	122,664	122,660
Jackson County	35,562	35,224	35,126	34,621	33,865	33,501	33,271	33,120	33,121
Johnston County	152,143	146,324	141,609	136,855	132,928	127,893	123,304	121,900	121,965
Jones County	10,204	10,300	10,374	10,158	10,240	10,334	10,376	10,398	10,381
Lee County	56,908	55,747	54,417	53,238	52,087	51,117	49,396	49,172	49,040
Lenoir County	57,662	57,878	58,060	58,327	58,778	59,154	59,518	59,619	59,648
Lincoln County	71,894	69,748	68,035	67,290	66,268	65,114	64,054	63,780	63,780
McDowell County	43,414	43,195	43,024	42,939	42,771	42,733	42,233	42,151	42,151
Macon County	32,395	31,933	31,515	31,101	30,839	30,468	29,966	29,806	29,811
Madison County	20,355	20,211	20,045	19,912	19,933	19,846	19,702	19,635	19,635
Martin County	24,342	24,469	24,750	24,990	25,115	25,223	25,510	25,546	25,593
Mecklenburg County	827,445	796,369	770,638	752,227	735,194	719,552	700,462	695,427	695,454
Mitchell County	15,681	15,762	15,827	15,769	15,840	15,825	15,724	15,687	15,687
Montgomery County	27,638	27,356	27,216	27,293	27,052	26,979	26,949	26,836	26,822
Moore County	83,162	81,342	79,839	78,737	77,810	76,413	75,164	74,770	74,769
Nash County	92,312	91,193	90,462	89,543	88,831	88,219	87,735	87,385	87,420
New Hanover County	182,591	179,043	173,439	168,247	165,636	163,073	160,675	160,327	160,307
Northampton County	21,247	21,401	21,434	21,670	21,827	21,975	22,088	22,086	22,086
Onslow County	150,673	150,508	154,312	151,122	149,583	148,006	150,099	150,355	150,355
Orange County	120,100	118,536	117,092	117,179	117,146	117,496	115,931	115,537	118,227
Pamlico County	12,785	12,779	12,703	12,808	12,865	12,832	12,945	12,934	12,934
Pasquotank County	39,591	38,260	36,944	36,007	35,560	34,876	34,881	34,897	34,897
Pender County	48,630	46,457	44,913	43,552	42,844	41,883	41,275	41,082	41,082
Perquimans County	12,337	12,046	11,705	11,635	11,611	11,520	11,414	11,368	11,368
Person County	37,341	37,201	36,753	36,702	36,563	35,967	35,756	35,623	35,623
Pitt County	145,619	142,285	139,960	138,277	136,837	135,066	134,104	133,719	133,798
Polk County	19,226	19,062	18,922	18,772	18,808	18,646	18,412	18,324	18,324
Randolph County	140,410	138,176	136,164	135,065	133,704	132,403	131,106	130,470	130,454
Richmond County	46,555	46,706	46,559	46,567	46,801	46,532	46,568	46,551	46,564
Robeson County	129,021	127,752	126,148	125,700	124,778	124,015	123,418	123,241	123,339
Rockingham County	93,063	92,504	92,102	92,516	92,584	92,202	91,968	91,928	91,928
Rowan County	136,254	134,782	133,863	133,777	133,570	132,378	130,681	130,348	130,340
Rutherford County	63,867	63,654	63,450	63,512	63,277	63,341	62,996	62,901	62,899
Sampson County	63,561	62,856	62,236	61,868	61,171	60,832	60,320	60,160	60,161
Scotland County	37,094	37,076	36,997	35,842	35,754	35,994	36,019	35,998	35,998
Stanly County	59,358	59,031	58,699	58,697	58,633	58,620	58,190	58,100	58,100
Stokes County	46,168	45,790	45,429	45,142	44,980	44,968	44,863	44,707	44,711
Surry County	72,687	72,422	72,113	72,270	72,074	71,677	71,251	71,227	71,219
Swain County	13,445	13,249	13,099	13,085	13,020	12,987	13,025	12,973	12,968
Transylvania County	29,780	29,632	29,444	29,368	29,510	29,400	29,382	29,334	29,334
Tyrrell County	4,187	4,146	4,146	4,226	4,150	4,143	4,148	4,149	4,149
Union County	175,272	163,483	153,518	145,863	139,408	132,006	125,647	123,738	123,677
Vance County	43,810	43,546	43,553	43,570	43,842	43,698	43,152	42,954	42,954
Wake County	786,522	750,865	720,170	698,917	678,426	657,738	633,313	627,865	627,846
Warren County	19,605	19,760	19,764	19,784	19,900	19,913	19,936	19,972	19,972
Washington County	13,227	13,283	13,274	13,382	13,454	13,569	13,712	13,723	13,723
Watauga County	42,700	42,434	42,384	42,627	42,917	42,928	42,751	42,693	42,695
Wayne County	113,847	113,827	113,978	113,153	113,077	113,171	113,350	113,329	113,329
Wilkes County	67,310	67,128	66,862	67,018	66,805	66,429	65,810	65,624	65,632
Wilson County	76,624	76,175	75,673	75,188	74,907	74,170	73,935	73,811	73,814
Yadkin County	38,056	37,689	37,270	37,269	37,298	36,819	36,518	36,348	36,348
Yancey County	18,421	18,197	18,092	18,012	17,941	17,935	17,812	17,774	17,774

Source: US Census Bureau, Population Estimates Program

More Tables and Information: **Population Estimates Program**

Note: The April 1, 2000 estimates base reflects changes to the Census 2000 population resulting from legal boundary updates as of January 1 of the estimates year, other geographic program changes, and Count Question Resolution actions. All geographic boundaries for the July 1, 2006 population estimates series are defined as of January 1, 2006. An "(x)" in the Census 2000 field indicates a locality that was formed or incorporated after Census 2000 or was erroneously omitted from Census 2000. See **Geographic Change Notes** for additional information on these localities.

Lee Nuclear Station Response to Request for Additional Information (RAI)

Attachment 27-3 to RAI 27

U.S. Census Bureau, North Carolina – Place, 2006 Population Estimates

U.S. Census Bureau

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population estimates



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July 1, 2007 County and Puerto Rico Municipios Characteristics Population Estimates Available

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Source: U.S. Census Bureau, Population Division
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U.S. Census Bureau
American FactFinder**North Carolina -- Place**
GCT-T1. Population Estimates
Data Set: 2006 Population Estimates

Note: For information on errors stemming from model error, sampling error, and nonsampling error, see:
<http://www.census.gov/popest/topics/methodology>.

Geographic area	Population Estimates							Estimates Base	Census 2000
	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001	July 1, 2000	April 1, 2000	April 1, 2000
North Carolina	8,856,505	8,672,459	8,531,040	8,415,710	8,313,494	8,199,541	8,078,909	8,046,491	8,049,313
PLACE									
Aberdeen town, Moore County	5,052	4,765	4,542	4,089	3,903	3,715	3,438	3,380	3,400
Ahoskie town, Hertford County	4,313	4,308	4,294	4,318	4,366	4,400	4,522	4,536	4,523
Alamance village, Alamance County	323	320	317	314	315	313	311	310	310
Albemarle city, Stanly County	15,414	15,411	15,427	15,514	15,594	15,713	15,773	15,805	15,680
Alliance town, Pamlico County	742	745	756	770	780	796	785	785	781
Andrews town, Cherokee County	1,720	1,708	1,700	1,697	1,699	1,698	1,715	1,712	1,602
Angier town, Harnett County	4,165	4,079	4,006	3,849	3,696	3,539	3,429	3,398	3,419
Ansonville town, Anson County	606	613	623	628	632	634	634	636	636
Apex town, Wake County	30,208	28,635	27,661	26,858	24,960	22,963	21,042	20,513	20,212
Arapahoe town, Pamlico County	431	433	434	438	441	443	449	449	436
Archdale city, Guilford County (part)	9,451	9,353	9,254	9,223	9,188	9,169	9,217	9,205	9,014
Randolph County (part)	294	293	294	295	298	298	295	293	286
Asheboro city, Randolph County	9,157	9,060	8,960	8,928	8,890	8,871	8,922	8,912	8,728
Asheville city, Buncombe County	24,130	23,517	23,185	22,831	22,647	22,536	22,007	21,814	21,672
Asheville city, Buncombe County	72,789	71,919	71,615	71,030	70,684	71,137	71,226	71,120	68,889
Askewville town, Bertie County	171	173	174	174	176	178	179	180	180
Atkinson town, Pender County	261	253	247	242	240	237	236	236	236
Atlantic Beach town, Carteret County	1,836	1,814	1,811	1,790	1,788	1,796	1,796	1,799	1,781
Aulander town, Bertie County	874	886	893	893	905	912	919	922	888
Aurora town, Beaufort County	581	579	578	578	579	580	582	583	583
Autryville town, Sampson County	206	204	203	202	200	200	198	198	196
Ayden town, Pitt County	4,827	4,795	4,580	4,582	4,572	4,585	4,656	4,667	4,622
Badin town, Stanly County	1,338	1,339	1,336	1,352	1,356	1,360	1,235	1,154	1,154
Bailey town, Nash County	678	674	672	669	668	668	671	670	670

Geographic area	Population Estimates							Estimates Base	Census 2000
	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001	July 1, 2000	April 1, 2000	April 1, 2000
Bakersville town, Mitchell County	349	352	355	354	357	358	357	357	357
Bald Head Island village, Brunswick County	277	262	246	232	209	201	179	173	173
Banner Elk town, Avery County	885	876	964	922	885	844	824	828	811
Bath town, Beaufort County	272	271	270	270	271	272	274	275	275
Bayboro town, Pamlico County	713	717	719	726	731	734	741	741	741
Bear Grass town, Martin County	63	64	64	65	66	66	68	68	53
Beaufort town, Carteret County	4,261	4,158	4,028	3,911	3,848	3,814	3,800	3,801	3,771
Beech Mountain town	308	305	304	306	310	315	311	310	310
Avery County (part)	14	14	14	13	13	13	13	13	13
Watauga County (part)	294	291	290	293	297	302	298	297	297
Belhaven town, Beaufort County	1,998	1,959	1,920	1,931	1,944	1,956	1,966	1,968	1,968
Belmont city, Gaston County	8,990	8,888	8,725	8,763	8,850	8,819	8,804	8,795	8,705
Belville town, Brunswick County	418	399	383	373	366	357	349	347	285
Belwood town, Cleveland County	1,008	1,003	1,003	1,000	998	990	977	972	962
Benson town, Johnston County	3,374	3,278	3,227	3,160	3,086	3,041	3,011	2,996	2,923
Bermuda Run town, Davie County	1,546	1,519	1,492	1,470	1,458	1,449	1,430	1,426	1,431
Bessemer City city, Gaston County	5,386	5,318	5,283	5,285	5,308	5,311	5,308	5,305	5,119
Bethania town, Forsyth County	387	378	372	367	365	360	355	354	354
Bethel town, Pitt County	1,690	1,688	1,682	1,685	1,697	1,715	1,748	1,755	1,681
Beulaville town, Duplin County	1,112	1,095	1,092	1,084	1,079	1,069	1,065	1,065	1,067
Biltmore Forest town, Buncombe County	1,518	1,495	1,476	1,460	1,449	1,438	1,442	1,440	1,440
Biscoe town, Montgomery County	1,732	1,720	1,729	1,723	1,714	1,720	1,722	1,716	1,700
Black Creek town, Wilson County	703	705	706	708	710	711	714	714	714
Black Mountain town, Buncombe County	7,667	7,651	7,612	7,570	7,532	7,545	7,536	7,513	7,511
Bladenboro town, Bladen County	1,702	1,703	1,709	1,697	1,697	1,711	1,707	1,711	1,718
Blowing Rock town	1,426	1,422	1,422	1,455	1,437	1,449	1,425	1,418	1,418
Caldwell County (part)	63	62	60	60	57	56	54	53	53
Watauga County (part)	1,363	1,360	1,362	1,395	1,380	1,393	1,371	1,365	1,365
Boardman town, Columbus County	200	200	201	201	202	203	202	202	202
Bogue town, Carteret County	592	592	593	590	589	589	587	587	590
Boiling Spring Lakes city, Brunswick County	4,407	4,105	3,860	3,647	3,444	3,252	3,030	2,972	2,972
Boiling Springs town, Cleveland County	3,861	3,860	3,886	3,840	3,876	3,845	3,892	3,889	3,866

Geographic area	Population Estimates							Estimates Base	Census 2000
	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001	July 1, 2000	April 1, 2000	April 1, 2000
Bolivia town, Brunswick County	176	168	162	158	155	151	149	148	148
Bolton town, Columbus County	496	495	496	498	501	503	504	504	494
Boone town, Watauga County	13,328	13,232	13,303	13,035	13,299	13,401	13,508	13,532	13,472
Boonville town, Yadkin County	1,122	1,113	1,103	1,105	1,110	1,102	1,105	1,103	1,138
Bostic town, Rutherford County	326	326	327	328	328	329	328	328	328
Brevard city, Transylvania County	6,654	6,670	6,641	6,633	6,726	6,724	6,791	6,790	6,789
Bridgeton town, Craven County	316	320	326	333	335	341	341	341	328
Broadway town	1,108	1,106	1,091	1,075	1,064	1,050	1,022	1,018	1,015
Harnett County (part)	1	1	1	1	1	1	1	0	0
Lee County (part)	1,107	1,105	1,090	1,074	1,063	1,049	1,021	1,018	1,015
Brookford town, Catawba County	424	420	420	420	425	432	434	434	434
Brunswick town, Columbus County	367	364	358	355	356	357	359	360	360
Bryson City town, Swain County	1,388	1,380	1,366	1,382	1,397	1,392	1,414	1,411	1,411
Bunn town, Franklin County	396	390	387	380	373	365	359	357	357
Burgaw town, Pender County	3,904	3,766	3,730	3,635	3,588	3,508	3,382	3,347	3,337
Burlington city	48,399	47,469	47,190	46,765	46,577	46,210	45,800	45,615	44,917
Alamance County (part)	48,331	47,423	47,153	46,739	46,560	46,198	45,788	45,603	44,917
Guilford County (part)	68	46	37	26	17	12	12	12	(X)
Burnsville town, Yancey County	1,649	1,634	1,623	1,619	1,613	1,621	1,619	1,619	1,623
Cajah's Mountain town, Caldwell County	2,650	2,641	2,634	2,643	2,651	2,656	2,660	2,658	2,683
Calabash town, Brunswick County	797	771	758	749	735	730	715	711	711
Calypso town, Duplin County	480	472	472	468	466	461	458	458	410
Cameron town, Moore County	300	298	297	298	299	296	294	293	151
Candor town, Montgomery County	842	836	836	834	829	831	836	834	825
Canton town, Haywood County	3,930	3,936	3,948	3,914	3,915	3,939	3,967	3,976	4,029
Cape Carteret town, Carteret County	1,426	1,430	1,433	1,422	1,315	1,262	1,242	1,239	1,214
Carolina Beach town, New Hanover County	5,625	5,375	5,187	5,149	5,133	5,111	5,101	5,105	4,701
Carolina Shores town, Brunswick County	1,834	1,621	1,552	1,529	1,510	1,507	1,488	1,482	1,482
Carrboro town, Orange County	16,577	16,460	16,385	16,527	16,785	16,991	16,846	16,806	16,782
Carthage town, Moore County	2,030	2,017	2,008	2,006	2,004	1,989	1,983	1,980	1,871
Cary town	112,414	106,963	103,344	101,943	100,278	99,527	97,236	96,443	94,536
Chatham County (part)	217	157	123	105	84	64	28	19	19
Wake County (part)	112,197	106,806	103,221	101,838	100,194	99,463	97,208	96,424	94,517
Casar town, Cleveland County	310	310	311	312	312	311	309	308	308

Geographic area	Population Estimates							Estimates Base	Census 2000
	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001	July 1, 2000	April 1, 2000	April 1, 2000
Castalia town, Nash County	361	359	358	357	356	354	352	350	340
Caswell Beach town, Brunswick County	472	466	457	441	417	395	371	365	370
Catawba town, Catawba County	785	768	755	744	741	742	731	728	698
Cedar Point town, Carteret County	846	961	841	843	840	833	819	816	929
Cedar Rock village, Caldwell County	319	317	315	315	315	315	315	315	315
Centerville town, Franklin County	107	106	105	103	101	98	97	96	99
Cerro Gordo town, Columbus County	236	234	235	236	238	239	240	240	244
Chadbourn town, Columbus County	2,077	2,071	2,077	2,065	2,084	2,095	2,109	2,111	2,129
Chapel Hill town	49,919	49,664	49,217	49,255	48,923	48,565	48,035	47,898	48,715
Durham County (part)	2,152	2,128	2,081	2,048	2,025	1,967	1,931	1,921	1,917
Orange County (part)	47,767	47,536	47,136	47,207	46,898	46,598	46,104	45,977	46,798
Charlotte city, Mecklenburg County	630,478	616,075	602,285	592,703	584,138	575,956	564,738	566,975	540,828
Cherryville city, Gaston County	5,533	5,466	5,419	5,425	5,434	5,452	5,466	5,463	5,361
Chimney Rock village, Rutherford County	175	175	174	174	174	175	175	175	175
China Grove town, Rowan County	3,722	3,707	3,697	3,708	3,722	3,715	3,702	3,701	3,616
Chocowinity town, Beaufort County	730	729	727	726	728	729	732	733	733
Claremont city, Catawba County	1,120	1,103	1,086	1,071	1,070	1,074	1,064	1,060	1,038
Clarkton town, Bladen County	690	690	692	687	687	693	692	694	705
Clayton town, Johnston County	13,842	12,937	12,136	11,345	10,934	9,977	8,568	8,197	6,973
Clemmons village, Forsyth County	16,730	16,434	16,229	16,122	16,087	15,961	15,878	15,866	13,827
Cleveland town, Rowan County	827	821	817	818	819	815	809	808	808
Clinton city, Sampson County	8,797	8,723	8,671	8,634	8,571	8,566	8,597	8,596	8,600
Clyde town, Haywood County	1,301	1,301	1,353	1,351	1,349	1,337	1,339	1,339	1,324
Coats town, Harnett County	2,059	2,025	1,993	1,962	1,933	1,891	1,872	1,865	1,845
Cofield village, Hertford County	333	333	332	334	337	339	346	347	347
Colerain town, Bertie County	208	211	212	213	216	218	220	221	221
Columbia town, Tyrrell County	817	807	813	836	835	844	869	865	819
Columbus town, Polk County	993	991	990	990	997	997	994	992	992
Como town, Hertford County	76	75	75	75	75	76	78	78	78
Concord city, Cabarrus County	62,587	60,572	59,658	59,292	58,492	57,722	56,682	56,354	55,977
Conetoe town, Edgecombe County	340	342	346	352	357	361	362	365	365
Connelly Springs town, Burke County	1,902	1,896	1,898	1,874	1,825	1,832	1,824	1,821	1,814
Conover city, Catawba County	7,128	7,031	6,941	6,855	6,820	6,794	6,717	6,691	6,604

Geographic area	Population Estimates							Estimates Base	Census 2000
	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001	July 1, 2000	April 1, 2000	April 1, 2000
Conway town, Northampton County	691	700	703	708	715	723	733	734	734
Cooleemee town, Davie County	968	954	936	926	923	918	907	905	905
Cornelius town, Mecklenburg County	20,449	19,058	18,187	17,033	16,116	15,088	13,890	13,857	11,969
Cove City town, Craven County	408	414	421	431	433	440	438	437	433
Cramerton town, Gaston County	3,046	3,004	2,981	2,978	2,988	2,986	2,982	2,980	2,976
Creedmoor city, Granville County	3,290	3,137	3,020	2,916	2,665	2,486	2,278	2,232	2,232
Creswell town, Washington County	266	267	268	270	272	275	278	278	278
Crossnore town, Avery County	231	234	238	240	241	242	240	242	242
Dallas town, Gaston County	3,434	3,398	3,380	3,384	3,399	3,403	3,403	3,402	3,402
Danbury town, Stokes County	108	108	107	107	107	107	108	108	108
Davidson town	8,760	8,583	8,321	8,237	7,607	7,523	7,203	7,170	7,139
Iredell County (part)	54	43	34	27	19	11	2	0	0
Mecklenburg County (part)	8,706	8,540	8,287	8,210	7,588	7,512	7,201	7,170	7,139
Denton town, Davidson County	1,480	1,471	1,466	1,456	1,454	1,452	1,451	1,450	1,450
Dillsboro town, Jackson County	205	205	207	207	206	207	209	209	205
Dobbins Heights town, Richmond County	902	913	917	925	936	937	937	936	936
Dobson town, Surry County	1,506	1,503	1,500	1,506	1,506	1,503	1,503	1,504	1,457
Dortches town, Nash County	855	845	838	829	822	816	812	809	809
Dover town, Craven County	414	419	427	436	438	445	444	443	443
Drexel town, Burke County	1,906	1,897	1,896	1,905	1,911	1,924	1,936	1,938	1,938
Dublin town, Bladen County	272	272	274	272	272	274	273	273	250
Duck town, Dare County	505	508	509	509	488	466	452	448	(X)
Dunn city, Harnett County	9,972	9,887	9,741	9,658	9,546	9,373	9,316	9,294	9,196
Durham city	209,009	204,680	201,279	197,902	195,618	192,033	188,656	187,745	187,035
Durham County (part)	208,960	204,632	201,233	197,856	195,573	191,988	188,612	187,702	186,996
Orange County (part)	47	46	45	45	44	44	43	43	39
Wake County (part)	2	2	1	1	1	1	1	0	0
Earl town, Cleveland County	234	234	236	236	237	236	235	234	234
East Arcadia town, Bladen County	528	530	532	529	529	531	524	524	524
East Bend town, Yadkin County	671	666	661	662	666	660	661	659	659
East Laurinburg town, Scotland County	287	288	289	288	289	291	295	295	295
East Spencer town, Rowan County	1,769	1,761	1,755	1,759	1,764	1,761	1,755	1,755	1,755
Eden city, Rockingham County	15,643	15,647	15,678	15,666	15,729	15,787	15,860	15,879	15,908

Geographic area	Population Estimates							Estimates Base	Census 2000
	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001	July 1, 2000	April 1, 2000	April 1, 2000
Edenton town, Chowan County	4,989	4,985	4,981	4,956	4,957	4,963	4,994	5,012	5,394
Elizabeth City city	19,056	18,484	18,009	17,588	17,428	17,116	17,243	17,284	17,188
Camden County (part)	8	5	3	3	1	1	1	0	0
Pasquotank County (part)	19,048	18,479	18,006	17,585	17,427	17,115	17,242	17,284	17,188
Elizabethtown town, Bladen County	3,844	3,845	3,853	3,804	3,819	3,861	3,861	3,870	3,698
Elkin town	4,316	4,306	4,294	4,307	4,316	4,311	4,320	4,326	4,109
Surry County (part)	4,243	4,233	4,221	4,234	4,243	4,238	4,247	4,253	4,036
Wilkes County (part)	73	73	73	73	73	73	73	73	73
Elk Park town, Avery County	436	442	451	454	457	459	455	459	459
Ellenboro town, Rutherford County	474	475	475	477	478	480	479	479	479
Ellerbe town, Richmond County	981	991	994	1,001	1,013	1,016	1,020	1,021	1,021
Elm City town, Wilson County	1,380	1,382	1,384	1,386	1,390	1,395	1,412	1,415	1,165
Elon town, Alamance County	7,121	7,079	7,041	7,034	7,077	6,931	6,781	6,767	(X)
Emerald Isle town, Carteret County	3,716	3,697	3,653	3,574	3,526	3,509	3,489	3,488	3,488
Enfield town, Halifax County	2,360	2,364	2,392	2,414	2,374	2,405	2,455	2,461	2,347
Erwin town, Harnett County	4,803	4,770	4,719	4,684	4,636	4,559	4,540	4,530	4,537
Eureka town, Wayne County	239	240	240	239	240	241	244	244	244
Everetts town, Martin County	160	161	163	165	166	168	171	171	179
Fair Bluff town, Columbus County	1,168	1,166	1,172	1,172	1,179	1,184	1,188	1,189	1,181
Fairmont town, Robeson County	2,735	2,712	2,686	2,681	2,674	2,674	2,699	2,703	2,604
Fairview town, Union County	4,934	4,492	4,134	3,835	3,596	3,317	3,081	3,017	(X)
Faison town	780	768	767	761	757	749	745	744	744
Duplin County (part)	779	767	766	760	756	748	744	744	744
Sampson County (part)	1	1	1	1	1	1	1	0	0
Faith town, Rowan County	704	700	697	699	700	698	695	695	695
Falcon town	341	338	343	342	342	341	344	343	328
Cumberland County (part)	340	337	342	341	341	340	343	343	328
Sampson County (part)	1	1	1	1	1	1	1	0	0
Falkland town, Pitt County	109	109	108	109	109	110	112	112	112
Fallston town, Cleveland County	608	608	611	612	614	613	611	610	603
Farmville town, Pitt County	4,538	4,540	4,558	4,541	4,526	4,499	4,453	4,432	4,302
Fayetteville city, Cumberland County	168,033	169,400	172,521	173,103	173,394	173,651	174,816	175,091	121,015
Flat Rock village, Henderson County	2,834	2,786	2,725	2,698	2,667	2,634	2,590	2,567	2,565
Fletcher town, Henderson County	4,606	4,545	4,477	4,387	4,312	4,271	4,230	4,216	4,185
Forest City town, Rutherford County	7,324	7,381	7,425	7,494	7,540	7,611	7,675	7,688	7,549
Forest Hills village, Jackson County	323	323	325	326	324	325	330	330	330

Geographic area	Population Estimates							Estimates Base	Census 2000
	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001	July 1, 2000	April 1, 2000	April 1, 2000
Fountain town, Pitt County	515	514	512	512	515	521	531	533	533
Four Oaks town, Johnston County	1,835	1,768	1,676	1,639	1,598	1,538	1,525	1,518	1,424
Foxfire village, Moore County	475	470	465	464	462	458	458	457	474
Franklin town, Macon County	3,618	3,591	3,568	3,547	3,537	3,526	3,501	3,490	3,490
Franklinton town, Franklin County	1,922	1,896	1,880	1,851	1,815	1,779	1,752	1,745	1,745
Franklinville town, Randolph County	1,307	1,298	1,288	1,288	1,283	1,275	1,263	1,258	1,258
Fremont town, Wayne County	1,432	1,436	1,438	1,432	1,437	1,446	1,460	1,463	1,463
Fuquay-Varina town, Wake County	13,669	12,240	11,145	10,123	9,114	8,560	8,068	7,929	7,898
Gamewell town, Caldwell County	3,885	3,874	3,865	3,880	3,892	3,892	3,878	3,870	3,644
Garland town, Sampson County	837	831	825	822	816	814	809	808	808
Garner town, Wake County	23,741	22,440	21,859	20,598	20,063	19,221	18,386	18,136	17,757
Garysburg town, Northampton County	1,179	1,196	1,202	1,212	1,224	1,237	1,248	1,249	1,254
Gaston town, Northampton County	917	931	937	945	955	965	973	973	973
Gastonia city, Gaston County	69,904	68,960	68,112	67,836	67,819	67,530	67,658	67,669	66,277
Gatesville town, Gates County	305	297	287	280	286	282	280	281	281
Gibson town, Scotland County	570	570	571	569	569	574	580	581	584
Gibsonville town	4,621	4,583	4,551	4,528	4,555	4,558	4,545	4,530	4,372
Alamance County (part)	2,355	2,335	2,313	2,296	2,310	2,293	2,286	2,281	2,141
Guilford County (part)	2,266	2,248	2,238	2,232	2,245	2,265	2,259	2,249	2,231
Glen Alpine town, Burke County	1,077	1,072	1,074	1,079	1,079	1,087	1,093	1,094	1,090
Godwin town, Cumberland County	110	109	111	111	111	111	112	112	112
Goldsboro city, Wayne County	38,203	38,312	38,725	38,699	38,807	38,886	39,227	39,276	39,043
Goldston town, Chatham County	361	354	349	346	339	330	321	319	319
Graham city, Alamance County	14,144	13,967	13,786	13,570	13,534	13,372	13,218	13,160	12,833
Grandfather village, Avery County	70	70	71	72	72	72	72	73	73
Granite Falls town, Caldwell County	4,603	4,586	4,572	4,593	4,603	4,627	4,623	4,621	4,612
Granite Quarry town, Rowan County	2,241	2,228	2,218	2,222	2,227	2,221	2,216	2,215	2,175
Grantsboro town, Pamlico County	729	733	735	742	747	749	753	752	(X)
Greenevers town, Duplin County	590	580	579	574	571	565	561	560	560
Green Level town, Alamance County	2,136	2,124	2,110	2,099	2,111	2,089	2,053	2,042	2,042
Greensboro city, Guilford County	236,865	233,459	230,599	229,789	228,687	227,623	226,169	226,405	223,891
Greenville city, Pitt County	72,052	69,312	68,251	66,950	65,620	63,815	62,443	62,027	60,476
Grifton town	2,186	2,183	2,178	2,183	2,199	2,219	2,254	2,261	2,073
Lenoir County	181	180	181	181	183	183	184	184	184

Geographic area (part)	Population Estimates							Estimates Base	Census 2000
	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001	July 1, 2000	April 1, 2000	April 1, 2000
Pitt County (part)	2,005	2,003	1,997	2,002	2,016	2,036	2,070	2,077	1,889
Grimesland town, Pitt County	423	423	422	422	425	429	435	436	440
Grover town, Cleveland County	690	690	694	696	699	699	701	700	698
Halifax town, Halifax County	322	323	325	327	328	330	334	335	344
Hamilton town, Martin County	487	490	496	501	505	508	515	516	516
Hamlet city, Richmond County	5,749	5,809	5,828	5,871	5,941	5,968	6,018	6,026	6,018
Harmony town, Iredell County	609	590	578	569	562	552	539	536	526
Harrells town	213	210	208	206	204	203	202	202	187
Duplin County (part)	19	19	19	18	18	18	18	18	18
Sampson County (part)	194	191	189	188	186	185	184	184	169
Harrellsville town, Hertford County	96	96	96	97	98	99	102	102	102
Harrisburg town, Cabarrus County	5,347	5,141	5,013	4,947	4,806	4,717	4,622	4,592	4,493
Hassell town, Martin County	71	72	72	73	74	74	76	76	72
Havelock city, Craven County	21,906	22,016	21,737	22,859	22,450	22,849	22,461	22,447	22,442
Haw River town, Alamance County	1,992	1,976	1,957	1,944	1,954	1,935	1,915	1,908	1,908
Hayesville town, Clay County	469	465	463	462	458	456	458	458	297
Hemby Bridge town, Union County	1,782	1,680	1,599	1,535	1,487	1,441	1,417	1,408	897
Henderson city, Vance County	16,204	16,128	16,159	16,205	16,363	16,385	16,364	16,328	16,095
Hendersonville city, Henderson County	11,808	11,686	11,592	11,504	11,441	11,394	11,367	11,349	10,420
Hertford town, Perquimans County	2,130	2,102	2,057	2,069	2,082	2,076	2,074	2,070	2,070
Hickory city	40,583	40,107	40,118	39,773	39,518	38,509	37,688	37,458	37,222
Burke County (part)	126	123	124	119	109	82	67	63	63
Caldwell County (part)	47	46	46	43	37	21	12	10	14
Catawba County (part)	40,410	39,938	39,948	39,611	39,372	38,406	37,609	37,385	37,145
Highlands town	944	936	928	922	919	917	912	909	909
Jackson County (part)	1	1	1	1	1	1	1	0	0
Macon County (part)	943	935	927	921	918	916	911	909	909
High Point city	97,796	95,294	93,346	92,121	91,097	89,005	86,989	86,186	85,839
Davidson County (part)	1,567	1,490	1,418	1,365	1,317	1,252	1,216	1,207	1,163
Forsyth County (part)	14	13	12	11	10	9	8	8	6
Guilford County (part)	96,173	93,754	91,884	90,717	89,746	87,726	85,750	84,957	84,656
Randolph County (part)	42	37	32	28	24	18	15	14	14
High Shoals town, Gaston County	762	749	741	738	738	735	730	729	729
Hildebran town, Burke County	1,852	1,844	1,848	1,857	1,858	1,871	1,878	1,878	1,472
Hillsborough town, Orange County	5,403	5,344	5,299	5,339	5,391	5,497	5,483	5,482	5,446
Hobgood town,									

Geographic area	Population Estimates							Estimates Base	Census 2000
	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001	July 1, 2000	April 1, 2000	April 1, 2000
Halifax County	385	387	390	393	395	398	403	404	404
Hoffman town, Richmond County	616	621	622	626	632	630	625	624	624
Holden Beach town, Brunswick County	854	846	834	820	813	807	792	787	787
Holly Ridge town, Onslow County	738	764	793	783	809	818	834	834	831
Holly Springs town, Wake County	17,425	15,270	13,823	12,878	12,006	11,125	10,017	9,717	9,192
Hookerton town, Greene County	490	489	491	485	477	473	471	469	467
Hope Mills town, Cumberland County	12,630	12,684	12,481	12,063	11,873	11,773	11,835	11,847	11,237
Hot Springs town, Madison County	642	641	639	641	646	646	646	645	645
Hudson town, Caldwell County	3,081	3,069	3,060	3,071	3,082	3,090	3,103	3,102	3,078
Huntersville town, Mecklenburg County	38,796	36,356	34,272	32,378	30,404	28,531	26,086	25,467	24,960
Indian Beach town, Carteret County	96	96	97	96	96	96	95	95	95
Indian Trail town, Union County	17,491	16,486	15,688	15,049	14,621	14,013	13,662	13,541	11,905
Jackson town, Northampton County	662	669	672	676	682	688	694	695	695
Jacksonville city, Onslow County	69,688	69,810	71,664	70,638	67,414	65,478	65,971	66,744	66,715
Jamestown town, Guilford County	3,040	3,002	2,987	2,974	2,969	3,006	3,005	2,994	3,088
Jamesville town, Martin County	472	475	481	486	490	493	501	502	502
Jefferson town, Ashe County	1,370	1,369	1,370	1,386	1,387	1,381	1,384	1,384	1,422
Jonesville town, Yadkin County	2,294	2,277	2,256	2,262	2,274	2,258	2,266	2,261	1,464
Kannapolis city	40,223	38,995	38,485	38,240	38,015	37,645	37,127	36,965	36,910
Cabarrus County (part)	31,029	30,062	29,533	29,260	28,978	28,597	28,099	27,939	27,890
Mecklenburg County (part)	1	1	0	0	0	0	0	0	(X)
Rowan County (part)	9,193	8,932	8,952	8,980	9,037	9,048	9,028	9,026	9,020
Kelford town, Bertie County	232	235	237	237	240	242	244	245	245
Kenansville town, Duplin County	899	888	877	876	867	866	870	870	1,149
Kenly town	1,868	1,827	1,794	1,760	1,737	1,706	1,683	1,674	1,569
Johnston County (part)	1,671	1,630	1,596	1,562	1,538	1,507	1,483	1,474	1,391
Wilson County (part)	197	197	198	198	199	199	200	200	178
Kernersville town	21,862	21,339	20,570	20,130	19,709	19,165	18,787	18,698	17,126
Forsyth County (part)	21,855	21,333	20,564	20,124	19,703	19,159	18,781	18,692	17,126
Guilford County (part)	7	6	6	6	6	6	6	6	0
Kill Devil Hills town, Dare County	6,614	6,517	6,438	6,343	6,236	6,050	5,936	5,897	5,897
King city	6,578	6,358	6,287	6,238	6,152	6,099	6,018	5,978	5,952
Forsyth County (part)	713	682	676	672	665	654	635	630	630
Stokes County (part)	5,865	5,676	5,611	5,566	5,487	5,445	5,383	5,348	5,322
Kings Mountain city	10,919	10,832	10,633	10,582	10,541	10,425	10,344	10,309	9,693

Geographic area	Population Estimates							Estimates Base	Census 2000
	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001	July 1, 2000	April 1, 2000	April 1, 2000
Cleveland County (part)	9,986	9,918	9,755	9,712	9,677	9,575	9,505	9,473	9,103
Gaston County (part)	933	914	878	870	864	850	839	836	590
Kingstown town, Cleveland County	844	844	848	850	852	850	847	845	845
Kinston city, Lenoir County	22,729	22,833	22,909	23,074	23,318	23,583	23,831	23,887	23,688
Kittrell town, Vance County	148	147	148	148	149	149	148	148	148
Kitty Hawk town, Dare County	3,332	3,341	3,319	3,272	3,199	3,063	3,009	2,991	2,991
Knightdale town, Wake County	6,479	6,370	6,251	6,186	6,139	6,106	6,077	6,056	5,958
Kure Beach town, New Hanover County	2,311	2,175	2,024	1,882	1,771	1,673	1,568	1,543	1,507
La Grange town, Lenoir County	2,789	2,794	2,796	2,799	2,815	2,822	2,836	2,840	2,844
Lake Lure town, Rutherford County	1,023	1,021	1,019	1,021	1,019	1,024	1,027	1,027	1,027
Lake Park village, Union County	2,731	2,593	2,484	2,399	2,334	2,242	2,142	2,093	2,093
Lake Santeetlah town, Graham County	64	65	65	65	66	66	67	67	67
Lake Waccamaw town, Columbus County	1,458	1,452	1,444	1,434	1,428	1,420	1,414	1,411	1,411
Landis town, Rowan County	3,073	3,058	3,047	3,055	3,067	3,061	3,053	3,052	2,996
Lansing town, Ashe County	149	149	150	150	150	151	151	151	151
Lasker town, Northampton County	97	98	99	99	100	102	103	103	103
Lattimore town, Cleveland County	417	417	419	419	420	420	419	419	419
Laurel Park town, Henderson County	2,110	2,084	2,061	2,039	2,025	2,014	2,008	2,005	1,835
Laurinburg city, Scotland County	15,766	15,767	15,747	15,651	15,611	15,800	15,907	15,936	15,874
Lawndale town, Cleveland County	633	634	639	641	644	644	643	642	642
Leggett town, Edgecombe County	71	71	72	73	74	75	76	77	77
Leland town, Brunswick County	4,616	4,432	4,279	4,195	4,122	4,092	4,017	3,996	1,938
Lenoir city, Caldwell County	18,018	17,968	17,934	18,008	18,073	18,108	18,149	18,137	16,793
Lewiston Woodville town, Bertie County	584	593	598	598	606	610	612	613	613
Lewisville town, Forsyth County	12,444	12,188	12,066	11,995	11,969	11,896	11,815	11,798	8,826
Lexington city, Davidson County	20,382	20,374	20,433	20,395	20,104	19,941	19,963	19,957	19,953
Liberty town, Randolph County	2,735	2,707	2,677	2,670	2,657	2,649	2,663	2,659	2,661
Lilesville town, Anson County	432	437	443	447	452	455	457	459	459
Lillington town, Harnett County	3,171	3,134	3,092	3,073	3,037	2,968	2,890	2,918	2,915
Lincolnton city, Lincoln County	10,599	10,371	10,213	10,167	10,117	10,070	10,098	10,101	9,965
Linden town, Cumberland County	126	125	126	126	126	125	127	127	127
Littleton town, Halifax County	655	658	663	668	672	678	690	692	692
Locust city	2,562	2,525	2,511	2,512	2,518	2,529	2,527	2,529	2,416

Geographic area	Population Estimates							Estimates Base	Census 2000
	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001	July 1, 2000	April 1, 2000	April 1, 2000
Cabarrus County (part)	203	89	73	62	59	56	54	53	0
Stanly County (part)	2,359	2,436	2,438	2,450	2,459	2,473	2,473	2,476	2,416
Long View town	4,889	4,833	4,784	4,744	4,747	4,777	4,744	4,732	4,722
Burke County (part)	721	715	709	709	707	709	709	709	709
Catawba County (part)	4,168	4,118	4,075	4,035	4,040	4,068	4,035	4,023	4,013
Louisburg town, Franklin County	3,726	3,684	3,426	3,306	3,174	3,163	3,217	3,208	3,111
Love Valley town, Iredell County	55	53	53	53	54	53	52	52	30
Lowell city, Gaston County	2,705	2,671	2,653	2,654	2,666	2,664	2,664	2,662	2,662
Lucama town, Wilson County	861	863	866	868	871	872	875	876	847
Lumber Bridge town, Robeson County	120	119	118	118	117	117	118	118	118
Lumberton city, Robeson County	21,894	21,609	21,356	21,234	21,056	20,996	21,093	21,108	20,795
McAdenville town, Gaston County	641	631	625	624	625	623	620	619	619
Macclesfield town, Edgecombe County	421	424	428	435	441	447	454	458	458
McDonald town, Robeson County	106	106	105	105	104	104	104	104	119
McFarlan town, Anson County	84	85	86	87	88	88	89	89	89
Macon town, Warren County	107	108	110	110	111	112	114	115	115
Madison town, Rockingham County	2,287	2,234	2,237	2,247	2,246	2,252	2,260	2,262	2,262
Maggie Valley town, Haywood County	810	808	810	809	807	808	807	807	607
Magnolia town, Duplin County	981	966	964	957	952	941	933	932	932
Maiden town	3,348	3,305	3,256	3,223	3,221	3,232	3,203	3,191	3,282
Catawba County (part)	3,347	3,304	3,255	3,222	3,220	3,231	3,202	3,191	3,282
Lincoln County (part)	1	1	1	1	1	1	1	0	0
Manteo town, Dare County	1,290	1,294	1,252	1,202	1,154	1,091	1,049	1,037	1,052
Marietta town, Robeson County	170	168	167	166	165	165	164	164	164
Marion city, McDowell County	5,057	5,016	4,971	4,932	4,937	4,964	4,938	4,948	4,943
Marshall town, Madison County	838	835	833	836	841	842	841	840	840
Mars Hill town, Madison County	1,813	1,810	1,829	1,740	1,730	1,755	1,767	1,766	1,764
Marshville town, Union County	2,969	2,815	2,698	2,604	2,532	2,431	2,380	2,360	2,360
Marvin village, Union County	1,772	1,643	1,563	1,500	1,452	1,389	1,348	1,334	1,039
Matthews town, Mecklenburg County	26,296	25,276	24,470	24,050	23,869	23,968	23,117	22,905	22,127
Maxton town	2,664	2,643	2,617	2,611	2,605	2,605	2,630	2,634	2,551
Robeson County (part)	2,472	2,451	2,426	2,421	2,414	2,413	2,435	2,439	2,356
Scotland County (part)	192	192	191	190	191	192	195	195	195
Mayodan town, Rockingham County	2,610	2,527	2,406	2,426	2,424	2,427	2,448	2,453	2,417

Geographic area	Population Estimates							Estimates Base	Census 2000
	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001	July 1, 2000	April 1, 2000	April 1, 2000
Maysville town, Jones County	979	991	999	978	988	997	1,000	1,002	1,002
Mebane city	9,285	8,969	8,794	8,598	8,052	7,829	7,561	7,483	7,284
Alamance County (part)	8,325	8,059	7,905	7,719	7,233	7,011	6,767	6,695	6,609
Orange County (part)	960	910	889	879	819	818	794	788	675
Mesic town, Pamlico County	248	249	249	251	253	255	259	259	257
Micro town, Johnston County	513	500	490	479	472	462	456	453	454
Middleburg town, Vance County	164	163	163	164	165	165	163	162	162
Middlesex town, Nash County	855	850	848	845	843	841	842	840	838
Midland town	2,978	2,833	2,740	2,675	2,611	2,531	2,508	2,499	(X)
Cabarrus County (part)	2,978	2,833	2,740	2,675	2,611	2,531	2,508	2,499	(X)
Mecklenburg County (part)	0	0	0	0	0	0	0	0	(X)
Mills River town, Henderson County	6,088	5,964	5,847	5,738	5,743	5,740	5,706	5,693	(X)
Milton town, Caswell County	125	125	125	126	127	128	130	130	132
Mineral Springs town, Union County	2,493	2,311	2,189	2,090	2,015	1,916	1,846	1,824	1,370
Minnesott Beach town, Pamlico County	298	299	299	302	304	305	311	311	311
Mint Hill town	18,663	17,990	17,549	17,366	17,318	17,274	17,168	17,297	14,922
Mecklenburg County (part)	18,660	17,989	17,549	17,366	17,318	17,274	17,168	17,297	14,922
Union County (part)	3	1	0	0	0	0	0	0	(X)
Misenheimer village, Stanly County	618	617	616	616	618	620	620	620	(X)
Mocksville town, Davie County	4,525	4,451	4,363	4,309	4,284	4,258	4,204	4,191	4,178
Momeyer town, Nash County	301	299	298	296	295	294	292	291	291
Monroe city, Union County	30,871	29,952	29,364	29,012	28,288	28,002	27,342	27,109	26,228
Montreat town, Buncombe County	698	698	658	684	673	628	631	630	630
Mooresboro town, Cleveland County	330	330	331	332	332	331	329	328	314
Mooresville town, Iredell County	20,944	20,380	20,085	19,816	19,678	19,469	19,256	19,192	18,823
Morehead City town, Carteret County	9,293	8,865	8,498	8,098	7,885	7,826	7,772	7,766	7,691
Morganton city, Burke County	17,224	17,094	17,062	17,106	17,186	17,249	17,338	17,325	17,310
Morrisville town	12,513	12,191	11,596	10,734	8,078	6,857	5,549	5,245	5,208
Durham County (part)	6	6	5	4	2	1	1	0	0
Wake County (part)	12,507	12,185	11,591	10,730	8,076	6,856	5,548	5,245	5,208
Morven town, Anson County	552	558	567	572	576	577	577	579	579
Mount Airy city, Surry County	8,457	8,439	8,420	8,459	8,460	8,457	8,491	8,507	8,484
Mount Gilead town, Montgomery County	1,406	1,394	1,394	1,390	1,382	1,385	1,392	1,388	1,389
Mount Holly city, Gaston County	9,804	9,682	9,618	9,618	9,656	9,655	9,642	9,636	9,618
Mount Olive town	4,410	4,438	4,461	4,497	4,507	4,564	4,557	4,567	4,567
Duplin County	32	31	32	32	31	31	30	30	30

Geographic area (part)	Population Estimates							Estimates Base	Census 2000
	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001	July 1, 2000	April 1, 2000	April 1, 2000
Wayne County (part)	4,378	4,407	4,429	4,465	4,476	4,533	4,527	4,537	4,537
Mount Pleasant town, Cabarrus County	1,532	1,477	1,450	1,436	1,423	1,406	1,385	1,378	1,259
Murfreesboro town, Hertford County	2,295	2,292	2,205	2,288	2,363	2,385	2,415	2,421	2,045
Murphy town, Cherokee County	1,574	1,560	1,559	1,553	1,554	1,557	1,569	1,568	1,568
Nags Head town, Dare County	3,054	3,049	3,065	3,007	2,899	2,792	2,716	2,692	2,700
Nashville town, Nash County	4,501	4,469	4,453	4,434	4,412	4,392	4,421	4,417	4,309
Navassa town, Brunswick County	1,683	1,594	1,520	1,476	1,437	1,398	1,372	1,365	479
New Bern city, Craven County	27,650	26,468	25,684	24,349	23,889	23,631	23,269	23,223	23,128
Newland town, Avery County	667	676	690	695	699	703	698	704	704
New London town, Stanly County	320	319	320	322	323	325	326	326	326
Newport town, Carteret County	3,976	3,850	3,795	3,650	3,490	3,417	3,348	3,349	3,349
Newton city, Catawba County	13,160	12,996	12,851	12,719	12,725	12,804	12,698	12,659	12,560
Newton Grove town, Sampson County	627	621	616	613	607	606	606	606	606
Norlina town, Warren County	1,034	1,049	1,065	1,070	1,082	1,090	1,099	1,107	1,107
Norman town, Richmond County	73	74	74	74	75	75	76	76	72
North Topsail Beach town, Onslow County	870	862	845	803	811	818	843	843	843
Northwest city, Brunswick County	864	812	769	743	720	698	677	671	671
North Wilkesboro town, Wilkes County	4,184	4,182	4,093	4,139	4,139	4,137	4,116	4,115	4,116
Norwood town, Stanly County	2,159	2,159	2,162	2,176	2,187	2,203	2,212	2,216	2,216
Oakboro town, Stanly County	1,180	1,179	1,180	1,187	1,192	1,200	1,202	1,204	1,198
Oak City town, Martin County	352	354	359	363	365	368	375	376	339
Oak Island town, Brunswick County	8,152	7,675	7,269	7,053	6,859	6,751	6,627	6,590	6,571
Oak Ridge town, Guilford County	4,295	4,203	4,144	4,095	4,050	4,064	4,023	3,998	3,988
Ocean Isle Beach town, Brunswick County	522	503	482	466	454	445	430	426	426
Old Fort town, McDowell County	963	965	969	971	971	973	963	963	963
Oriental town, Pamlico County	830	833	834	840	847	853	871	872	875
Orrum town, Robeson County	103	102	101	101	100	100	100	100	79
Ossipee town, Alamance County	514	509	507	505	511	509	506	505	(X)
Oxford city, Granville County	8,550	8,480	8,471	8,512	8,482	8,414	8,378	8,391	8,338
Pantego town, Beaufort County	169	169	169	169	169	169	170	170	170
Parkton town, Robeson County	435	432	428	428	427	426	428	428	428
Parmele town, Martin County	273	275	278	281	283	285	289	290	290

Geographic area	Population Estimates							Estimates Base	Census 2000
	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001	July 1, 2000	April 1, 2000	April 1, 2000
Patterson Springs town, Cleveland County	613	614	618	621	623	621	618	616	620
Peachland town, Anson County	539	545	553	558	562	565	565	566	554
Peletier town, Carteret County	593	595	597	596	595	594	587	586	487
Pembroke town, Robeson County	2,669	2,649	2,603	2,613	2,608	2,590	2,603	2,606	2,399
Pikeville town, Wayne County	705	707	708	705	707	711	718	719	719
Pilot Mountain town, Surry County	1,277	1,274	1,271	1,276	1,277	1,276	1,281	1,284	1,281
Pinebluff town, Moore County	1,333	1,244	1,203	1,177	1,151	1,142	1,142	1,141	1,109
Pinehurst village, Moore County	11,830	11,412	11,025	10,767	10,406	10,056	9,814	9,735	9,706
Pine Knoll Shores town, Carteret County	1,575	1,575	1,559	1,530	1,527	1,515	1,521	1,524	1,524
Pine Level town, Johnston County	1,456	1,420	1,390	1,359	1,337	1,309	1,290	1,282	1,313
Pinetops town, Edgecombe County	1,307	1,313	1,327	1,349	1,366	1,384	1,404	1,417	1,419
Pineville town, Mecklenburg County	3,784	3,725	3,762	3,623	3,673	3,625	3,493	3,461	3,449
Pink Hill town, Lenoir County	538	540	543	546	551	555	560	562	521
Pittsboro town, Chatham County	2,501	2,452	2,426	2,410	2,367	2,300	2,249	2,239	2,226
Pleasant Garden town, Guilford County	5,074	4,986	4,867	4,815	4,781	4,805	4,745	4,714	4,714
Plymouth town, Washington County	3,957	3,975	3,962	4,000	4,029	4,064	4,144	4,154	4,107
Polkton town, Anson County	2,874	2,886	2,563	1,943	1,944	1,949	1,959	1,925	1,195
Polkville city, Cleveland County	533	533	536	537	538	537	536	535	535
Pollocksville town, Jones County	260	263	265	259	262	265	268	269	269
Powellsville town, Bertie County	245	248	250	251	254	256	258	259	259
Princeton town, Johnston County	1,229	1,199	1,174	1,149	1,132	1,110	1,096	1,090	1,066
Princeville town, Edgecombe County	1,668	1,670	1,672	1,380	1,249	1,124	1,008	981	940
Proctorville town, Robeson County	132	131	129	129	129	129	130	130	133
Raeford city, Hoke County	3,611	3,597	3,527	3,480	3,440	3,411	3,396	3,393	3,386
Raleigh city	356,321	342,812	327,878	317,541	309,602	298,791	286,771	285,143	276,093
Durham County (part)	645	578	432	340	157	21	17	21	0
Wake County (part)	355,676	342,234	327,446	317,201	309,445	298,770	286,754	285,122	276,093
Ramseur town, Randolph County	1,708	1,692	1,674	1,637	1,575	1,571	1,581	1,579	1,588
Randleman city, Randolph County	3,690	3,653	3,614	3,605	3,588	3,579	3,597	3,592	3,557
Ranlo town, Gaston County	2,222	2,197	2,185	2,188	2,199	2,201	2,199	2,198	2,198
Raynham town, Robeson County	72	71	70	70	70	70	70	70	67
Red Cross town, Stanly County	762	758	755	757	762	768	769	770	(X)
Red Oak town,									

Geographic area	Population Estimates							Estimates Base	Census 2000
	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001	July 1, 2000	April 1, 2000	April 1, 2000
Nash County	2,850	2,815	2,788	2,761	2,736	2,719	2,718	2,710	2,723
Red Springs town	3,518	3,483	3,448	3,442	3,433	3,437	3,484	3,492	3,493
Hoke County (part)	1	1	1	1	1	1	1	0	0
Robeson County (part)	3,517	3,482	3,447	3,441	3,432	3,436	3,483	3,492	3,493
Reidsville city, Rockingham County	14,859	14,857	14,752	14,838	14,904	14,611	14,584	14,578	14,485
Rennert town, Robeson County	323	321	319	319	318	316	315	314	283
Rhodhiss town	900	900	899	899	897	632	567	555	366
Burke County (part)	500	500	500	500	499	492	485	483	327
Caldwell County (part)	400	400	399	399	398	140	82	72	39
Richfield town, Stanly County	515	514	513	514	515	517	515	515	515
Richlands town, Onslow County	851	858	899	886	917	930	961	961	928
Rich Square town, Northampton County	1,004	1,015	1,023	1,029	1,042	1,050	1,063	1,065	931
River Bend town, Craven County	3,069	3,023	3,000	2,976	2,958	2,942	2,927	2,923	2,923
Roanoke Rapids city, Halifax County	16,505	16,413	16,449	16,539	16,649	16,758	17,009	17,035	16,957
Robbins city, Moore County	1,235	1,227	1,220	1,221	1,221	1,212	1,210	1,208	1,195
Robbinsville town, Graham County	721	728	740	737	747	747	747	747	747
Robersonville town, Martin County	1,617	1,625	1,645	1,662	1,675	1,690	1,725	1,731	1,731
Rockingham city, Richmond County	9,171	9,207	9,266	9,300	9,452	9,545	9,691	9,720	9,672
Rockwell town, Rowan County	1,988	1,979	1,971	1,975	1,980	1,976	1,971	1,971	1,971
Rocky Mount city	57,057	56,469	56,303	55,995	55,927	56,005	56,025	56,011	55,893
Edgecombe County (part)	16,807	16,713	16,753	16,876	16,984	17,170	17,302	17,425	17,297
Nash County (part)	40,250	39,756	39,550	39,119	38,943	38,835	38,723	38,586	38,596
Rolesville town, Wake County	1,711	1,242	1,039	946	934	926	914	909	907
Ronda town, Wilkes County	464	465	465	468	468	466	461	460	460
Roper town, Washington County	584	587	588	593	597	603	612	613	613
Roseboro town, Sampson County	1,458	1,445	1,434	1,428	1,416	1,416	1,418	1,417	1,267
Rose Hill town, Duplin County	1,396	1,373	1,370	1,358	1,352	1,338	1,333	1,333	1,330
Rosman town, Transylvania County	564	568	570	575	582	582	579	578	490
Rowland town, Robeson County	1,156	1,147	1,136	1,134	1,131	1,131	1,139	1,140	1,146
Roxboro city, Person County	8,732	8,750	8,709	8,754	8,777	8,692	8,716	8,702	8,696
Roxobel town, Bertie County	250	253	256	256	259	261	262	263	263
Rural Hall town, Forsyth County	2,621	2,573	2,542	2,522	2,512	2,493	2,469	2,464	2,464
Ruth town, Rutherford County	329	330	331	332	333	334	332	332	329
Rutherford College town, Burke County	1,288	1,282	1,285	1,291	1,291	1,300	1,305	1,305	1,293

Geographic area	Population Estimates							Estimates Base	Census 2000
	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001	July 1, 2000	April 1, 2000	April 1, 2000
Rutherfordton town, Rutherford County	4,095	4,097	4,091	4,101	4,091	4,110	4,127	4,130	4,131
St. Helena village, Pender County	477	457	443	423	414	401	397	395	395
St. James town, Brunswick County	963	905	904	908	913	915	870	918	804
St. Pauls town, Robeson County	2,049	2,034	2,014	2,010	2,004	2,001	2,013	2,015	2,137
Salemburg town, Sampson County	483	479	475	472	468	468	469	469	469
Salisbury city, Rowan County	28,480	28,363	28,372	28,554	28,770	28,649	28,553	28,553	26,462
Saluda city	581	580	578	578	583	584	582	581	575
Henderson County (part)	12	12	12	11	11	11	11	11	4
Polk County (part)	569	568	566	567	572	573	571	570	571
Sandy Creek town, Brunswick County	292	281	271	266	262	256	248	246	246
Sandyfield town, Columbus County	336	336	337	338	340	340	340	340	340
Sanford city, Lee County	27,771	26,764	25,939	25,313	24,564	24,110	23,344	23,247	23,220
Saratoga town, Wilson County	370	371	371	372	373	374	378	379	379
Sawmills town, Caldwell County	4,955	4,945	4,937	4,960	4,976	4,975	4,947	4,935	4,921
Scotland Neck town, Halifax County	2,216	2,226	2,250	2,270	2,289	2,315	2,357	2,362	2,362
Seaboard town, Northampton County	654	662	665	671	678	685	694	695	695
Seagrove town, Randolph County	261	258	255	254	253	252	252	251	246
Sedalia town, Guilford County	659	646	637	631	624	627	622	618	618
Selma town, Johnston County	6,779	6,635	6,550	6,411	6,350	6,221	6,089	6,042	5,914
Seven Devils town	155	155	152	150	148	147	130	127	129
Avery County (part)	22	22	22	21	20	20	17	17	17
Watauga County (part)	133	133	130	129	128	127	113	110	112
Seven Springs town, Wayne County	85	85	85	85	85	86	86	86	86
Severn town, Northampton County	247	251	252	254	257	260	263	263	263
Shallotte town, Brunswick County	1,660	1,589	1,528	1,497	1,467	1,437	1,387	1,381	1,381
Sharpsburg town	2,429	2,442	2,427	2,399	2,419	2,421	2,422	2,419	2,421
Edgecombe County (part)	142	144	118	82	83	84	83	83	79
Nash County (part)	1,305	1,306	1,311	1,315	1,326	1,328	1,336	1,334	1,340
Wilson County (part)	982	992	998	1,002	1,010	1,009	1,003	1,002	1,002
Shelby city, Cleveland County	21,378	21,194	21,239	21,242	20,890	20,828	20,848	20,821	19,477
Siler City town, Chatham County	8,449	8,175	8,131	7,721	7,648	7,404	7,174	7,132	6,966
Simpson village, Pitt County	450	449	447	448	451	455	463	464	464
Sims town, Wilson County	124	124	125	125	125	126	128	128	128
Smithfield town, Johnston County	12,271	11,965	11,712	11,467	11,282	11,073	10,938	10,881	11,510

Geographic area	Population Estimates							Estimates Base	Census 2000
	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001	July 1, 2000	April 1, 2000	April 1, 2000
Snow Hill town, Greene County	1,480	1,474	1,477	1,458	1,434	1,426	1,429	1,425	1,514
Southern Pines town, Moore County	12,212	11,912	11,681	11,568	11,482	11,301	11,132	11,075	10,918
Southern Shores town, Dare County	2,634	2,629	2,601	2,498	2,424	2,313	2,227	2,201	2,201
Southport city, Brunswick County	2,893	2,722	2,606	2,571	2,531	2,450	2,374	2,351	2,351
Sparta town, Alleghany County	1,773	1,776	1,802	1,814	1,812	1,815	1,815	1,817	1,817
Speed town, Edgecombe County	68	69	69	71	72	72	73	74	70
Spencer town, Rowan County	3,357	3,343	3,328	3,344	3,357	3,356	3,354	3,355	3,355
Spencer Mountain town, Gaston County	63	60	58	56	55	54	52	51	51
Spindale town, Rutherford County	3,930	3,932	3,914	3,951	3,960	3,999	4,016	4,021	4,022
Spring Hope town, Nash County	1,279	1,270	1,265	1,260	1,258	1,257	1,265	1,263	1,261
Spring Lake town, Cumberland County	8,079	8,287	8,283	8,347	8,359	8,307	8,279	8,271	8,098
Spruce Pine town, Mitchell County	1,979	1,995	2,009	2,007	2,023	2,029	2,031	2,030	2,030
Staley town, Randolph County	367	363	359	357	355	353	352	351	347
Stallings town	4,073	3,850	3,673	3,531	3,428	3,284	3,198	3,168	3,189
Mecklenburg County (part)	0	0	0	0	0	0	0	0	(X)
Union County (part)	4,073	3,850	3,673	3,531	3,428	3,284	3,198	3,168	3,189
Stanfield town, Stanly County	1,113	1,109	1,107	1,110	1,112	1,115	1,112	1,113	1,113
Stanley town, Gaston County	3,133	3,095	3,074	3,081	3,091	3,096	3,092	3,090	3,053
Stantonsburg town, Wilson County	710	711	712	713	716	719	728	730	726
Star town, Montgomery County	814	808	808	806	802	804	809	807	807
Statesville city, Iredell County	25,511	24,850	24,506	24,211	24,019	23,721	23,466	23,395	23,320
Stedman town, Cumberland County	651	648	656	657	660	658	665	667	664
Stem town, Granville County	239	236	235	237	236	232	229	229	229
Stokesdale town, Guilford County	3,627	3,534	3,465	3,412	3,357	3,349	3,293	3,267	3,267
Stoneville town, Rockingham County	989	986	987	996	999	1,002	1,005	1,006	1,002
Stonewall town, Pamlico County	274	276	276	278	281	282	286	286	285
Stovall town, Granville County	389	385	383	385	384	379	376	376	376
Sugar Mountain village, Avery County	214	217	221	222	223	224	224	226	226
Summerfield town, Guilford County	7,423	7,265	7,164	7,081	6,999	7,020	6,940	6,896	7,018
Sunset Beach town, Brunswick County	2,235	2,175	2,092	2,096	2,017	1,942	1,852	1,828	1,824
Surf City town	1,813	1,717	1,634	1,543	1,476	1,432	1,414	1,406	1,393
Onslow County (part)	298	295	297	286	288	289	293	292	292

Geographic area	Population Estimates							Estimates Base	Census 2000
	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001	July 1, 2000	April 1, 2000	April 1, 2000
Pender County (part)	1,515	1,422	1,337	1,257	1,188	1,143	1,121	1,114	1,101
Swansboro town, Onslow County	1,562	1,506	1,571	1,507	1,561	1,586	1,645	1,647	1,426
Sweepsonville town, Alamance County	950	950	941	934	939	931	925	922	922
Sylva town, Jackson County	2,377	2,385	2,409	2,407	2,406	2,413	2,435	2,434	2,435
Tabor City town, Columbus County	2,625	2,613	2,611	2,604	2,559	2,503	2,523	2,526	2,509
Tarboro town, Edgecombe County	10,564	10,585	10,593	10,740	10,887	11,076	11,213	11,293	11,138
Tar Heel town, Bladen County	69	69	70	69	69	70	70	70	70
Taylorsville town, Alexander County	1,822	1,811	1,807	1,798	1,784	1,777	1,774	1,774	1,799
Taylorstown town, Moore County	886	879	873	873	872	864	861	859	845
Teachey town, Duplin County	258	253	252	250	248	246	245	245	245
Thomasville city	26,200	25,884	25,691	25,510	25,296	24,988	24,523	24,398	19,788
Davidson County (part)	26,173	25,861	25,671	25,492	25,281	24,980	24,521	24,398	19,788
Randolph County (part)	27	23	20	18	15	8	2	0	0
Tobaccoville village	2,536	2,466	2,415	2,379	2,350	2,314	2,266	2,254	2,209
Forsyth County (part)	2,534	2,464	2,414	2,378	2,349	2,313	2,265	2,254	2,209
Stokes County (part)	2	2	1	1	1	1	1	0	0
Topsail Beach town, Pender County	565	539	520	504	492	478	473	471	471
Trenton town, Jones County	251	254	256	250	253	256	258	259	206
Trent Woods town, Craven County	3,928	3,975	4,035	4,118	4,133	4,208	4,224	4,224	4,192
Trinity city, Randolph County	6,988	6,909	6,826	6,801	6,758	6,723	6,729	6,714	6,690
Troutman town, Iredell County	1,749	1,700	1,672	1,649	1,635	1,617	1,598	1,592	1,592
Troy town, Montgomery County	3,423	3,400	3,305	3,506	3,486	3,474	3,499	3,496	3,430
Tryon town, Polk County	1,748	1,744	1,744	1,741	1,756	1,768	1,764	1,761	1,760
Turkey town, Sampson County	270	269	267	266	264	263	261	260	262
Unionville town, Union County	6,996	6,476	6,059	5,715	5,459	5,136	4,888	4,814	4,797
Valdese town, Burke County	4,542	4,521	4,534	4,549	4,559	4,592	4,626	4,630	4,485
Vanceboro town, Craven County	838	849	863	881	884	899	899	898	898
Vandemere town, Pamlico County	280	281	282	284	287	288	292	292	289
Varnamtown town, Brunswick County	560	537	518	507	499	491	483	481	481
Vass town, Moore County	775	768	763	762	761	754	751	750	750
Waco town, Cleveland County	326	326	328	329	329	329	329	328	328
Wade town, Cumberland County	500	498	505	506	508	506	509	510	480
Wadesboro town, Anson County	5,171	5,224	5,294	5,335	5,381	5,405	5,455	5,478	3,552

Geographic area	Population Estimates							Estimates Base	Census 2000
	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001	July 1, 2000	April 1, 2000	April 1, 2000
Wagram town, Scotland County	784	784	785	782	783	789	799	800	801
Wake Forest town	22,651	20,078	17,479	16,156	15,004	14,068	13,080	12,799	12,588
Franklin County (part)	166	126	75	58	44	30	30	30	(X)
Wake County (part)	22,485	19,952	17,404	16,098	14,960	14,038	13,050	12,769	12,588
Walkertown town, Forsyth County	4,337	4,251	4,193	4,156	4,134	4,096	4,044	4,032	4,009
Wallace town	3,574	3,518	3,515	3,483	3,468	3,435	3,351	3,350	3,344
Duplin County (part)	3,555	3,499	3,496	3,465	3,450	3,417	3,333	3,332	3,326
Pender County (part)	19	19	19	18	18	18	18	18	18
Wallburg town, Davidson County	2,877	2,853	2,856	2,838	2,836	2,838	2,832	2,830	(X)
Walnut Cove town, Stokes County	1,595	1,567	1,500	1,481	1,462	1,452	1,467	1,465	1,465
Walnut Creek village, Wayne County	851	851	849	843	843	848	857	859	859
Walstonburg town, Greene County	233	232	233	230	226	225	225	224	224
Warrenton town, Warren County	751	762	772	776	785	793	804	811	811
Warsaw town, Duplin County	3,135	3,083	3,076	3,050	3,036	3,007	3,003	3,003	3,051
Washington city, Beaufort County	10,060	9,813	9,714	9,650	9,628	9,590	9,630	9,633	9,583
Washington Park town, Beaufort County	454	444	440	438	438	437	440	440	440
Watha town, Pender County	194	183	177	172	165	156	152	151	151
Waxhaw town, Union County	3,396	3,206	3,055	2,935	2,847	2,727	2,656	2,632	2,625
Waynesville town, Haywood County	9,432	9,437	9,486	9,458	9,429	9,437	9,412	9,403	9,232
Weaverville town, Buncombe County	2,529	2,498	2,478	2,430	2,417	2,401	2,419	2,416	2,416
Webster town, Jackson County	439	439	440	440	437	436	439	438	486
Weddington town	9,029	8,462	8,009	7,643	7,367	7,007	6,777	6,701	6,696
Mecklenburg County (part)	0	0	0	0	0	0	1	0	0
Union County (part)	9,029	8,462	8,009	7,643	7,367	7,007	6,776	6,701	6,696
Weldon town, Halifax County	1,301	1,303	1,319	1,332	1,335	1,349	1,371	1,374	1,374
Wendell town, Wake County	4,820	4,537	4,415	4,354	4,320	4,302	4,282	4,267	4,247
Wentworth town, Rockingham County	2,786	2,771	2,766	2,784	2,786	2,784	2,780	2,779	2,779
Wesley Chapel village, Union County	3,625	3,384	3,193	3,036	2,916	2,761	2,659	2,627	2,549
West Jefferson town, Ashe County	1,131	1,131	1,138	1,137	1,139	1,143	1,150	1,150	1,081
Whispering Pines village, Moore County	2,131	2,113	2,096	2,093	2,089	2,072	2,073	2,071	2,090
Whitakers town	776	772	774	780	782	788	796	799	799
Edgecombe County (part)	407	406	409	417	422	429	436	440	440
Nash County (part)	369	366	365	363	360	359	360	359	359
White Lake town, Bladen County	581	582	585	582	582	586	581	581	529

Geographic area	Population Estimates							Estimates Base	Census 2000
	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001	July 1, 2000	April 1, 2000	April 1, 2000
Whiteville city, Columbus County	5,235	5,180	5,160	5,131	5,127	5,127	5,156	5,159	5,148
Whitsett town, Guilford County	714	701	692	685	679	682	675	671	686
Wilkesboro town, Wilkes County	3,195	3,190	3,190	3,196	3,201	3,198	3,203	3,201	3,159
Williamston town, Martin County	5,583	5,612	5,676	5,732	5,773	5,821	5,937	5,956	5,843
Wilmington city, New Hanover County	95,944	95,041	93,139	91,177	90,450	89,936	89,498	89,548	75,838
Wilson city, Wilson County	47,380	46,997	46,588	46,156	45,928	45,259	44,988	44,868	44,405
Wilson's Mills town, Johnston County	1,504	1,462	1,428	1,393	1,364	1,327	1,294	1,283	1,291
Windsor town, Bertie County	2,191	2,219	2,230	2,245	2,271	2,278	2,318	2,326	2,283
Winfall town, Perquimans County	574	565	553	555	557	556	555	554	554
Wingate town, Union County	3,633	3,505	2,768	2,659	2,600	2,497	2,425	2,409	2,406
Winston-Salem city, Forsyth County	196,990	193,826	191,316	190,001	188,927	187,539	186,187	185,893	185,776
Winterville town, Pitt County	4,683	4,673	4,650	4,653	4,682	4,728	4,824	4,842	4,791
Winton town, Hertford County	915	915	914	921	929	935	955	956	956
Woodfin town, Buncombe County	3,317	3,283	3,255	3,231	3,216	3,194	3,180	3,172	3,162
Woodland town, Northampton County	782	793	797	803	811	821	832	833	833
Wrightsville Beach town, New Hanover County	2,577	2,561	2,537	2,531	2,556	2,582	2,588	2,593	2,593
Yadkinville town, Yadkin County	2,893	2,875	2,846	2,861	2,871	2,843	2,847	2,840	2,818
Yanceyville town, Caswell County	2,149	2,149	2,156	2,166	2,179	2,112	2,132	2,111	2,091
Youngsville town, Franklin County	728	717	711	699	685	671	660	657	651
Zebulon town	4,329	4,231	4,154	4,153	4,110	4,092	4,063	4,046	4,046
Johnston County (part)	1	1	1	1	1	1	1	0	0
Wake County (part)	4,328	4,230	4,153	4,152	4,109	4,091	4,062	4,046	4,046

Source: US Census Bureau, Population Estimates Program
More Tables and Information: [Population Estimates Program](#)

Note: The April 1, 2000 estimates base reflects changes to the Census 2000 population resulting from legal boundary updates as of January 1 of the estimates year, other geographic program changes, and Count Question Resolution actions. All geographic boundaries for the July 1, 2006 population estimates series are defined as of January 1, 2006. An "(x)" in the Census 2000 field indicates a locality that was formed or incorporated after Census 2000 or was erroneously omitted from Census 2000. See [Geographic Change Notes](#) for additional information on these localities.

Lee Nuclear Station Response to Request for Additional Information (RAI)

Attachment 27-4 to RAI 27

U.S. Census Bureau, South Carolina – County, 2006 Population Estimates

U.S. Census Bureau

p o p u l a t i o n e s t i m a t e s

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population estimates



The Population Estimates Program publishes total resident population estimates and demographic components of change (births, deaths, and migration) each year. We also publish the estimates by demographic characteristics (age, sex, race, and Hispanic origin) for the nation, states and counties. In addition to the resident population universe, we also produce population estimates for these universes: resident plus armed forces overseas, civilian, and civilian non-institutional at the national level; and civilian at the state level. The reference date for estimates is July 1.

Estimates usually are for the present and the past, while projections are estimates of the population for future dates. We develop these estimates with the assistance of the Federal State Cooperative Program for Population Estimates (FSCPE).

These estimates are used in federal funding allocations, as denominators for vital rates and per capita time series, as survey controls, and in monitoring recent demographic changes. With each new issue of July 1 estimates, we revise estimates for years back to the last census. Previously published estimates are superseded and archived.

The Population Estimates are also available on American Factfinder.

July 1, 2007 County and Puerto Rico Municipios Characteristics Population Estimates Available

The latest County and Puerto Rico Municipios Characteristics Population Estimates - for July 1, 2007 - were released August 7, 2008. Our Public Information Office provides the press release.

August 7, 2008[download entire data set](#)

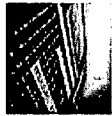
Source: U.S. Census Bureau, Population Division
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Page Last Modified: August 07, 2008

U.S. Census Bureau
American FactFinder**South Carolina -- County**
GCT-T1. Population Estimates
Data Set: 2006 Population Estimates

Note: For information on errors stemming from model error, sampling error, and nonsampling error, see:
<http://www.census.gov/popest/topics/methodology>.

Geographic area	Population Estimates							Estimates Base	Census 2000
	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001	July 1, 2000	April 1, 2000	April 1, 2000
South Carolina	4,321,249	4,246,933	4,194,694	4,142,356	4,101,122	4,060,728	4,023,565	4,011,816	4,012,012
COUNTY									
Abbeville County	25,935	26,051	26,265	26,289	26,347	26,344	26,222	26,167	26,167
Aiken County	151,800	150,053	148,592	146,586	145,197	143,673	142,818	142,556	142,552
Allendale County	10,748	10,873	10,937	11,006	11,048	10,975	11,185	11,211	11,211
Anderson County	177,963	175,258	173,249	171,580	170,119	168,756	166,342	165,740	165,740
Bamberg County	15,678	15,787	15,883	15,962	16,285	16,392	16,625	16,658	16,658
Barnwell County	23,265	23,289	23,255	23,344	23,326	23,425	23,468	23,478	23,478
Beaufort County	142,045	138,037	133,795	130,279	128,033	124,503	122,021	120,948	120,937
Berkeley County	152,282	149,526	148,728	146,302	144,955	143,964	143,092	142,653	142,651
Calhoun County	15,026	15,059	15,192	15,276	15,186	15,284	15,233	15,180	15,185
Charleston County	331,917	329,482	326,497	320,586	316,540	312,449	310,715	309,978	309,969
Cherokee County	53,886	53,620	53,544	53,429	53,496	53,094	52,682	52,537	52,537
Chester County	32,875	33,093	33,456	33,752	34,046	34,044	34,129	34,068	34,068
Chesterfield County	43,191	43,191	43,074	43,110	43,144	43,107	42,913	42,768	42,768
Clarendon County	33,339	33,127	32,974	32,800	32,870	32,792	32,549	32,502	32,502
Colleton County	39,467	39,430	39,358	39,047	38,874	38,592	38,352	38,264	38,264
Darlington County	67,551	67,369	67,388	67,699	67,813	67,599	67,486	67,394	67,394
Dillon County	30,984	30,851	30,996	30,998	31,022	31,021	30,714	30,722	30,722
Dorchester County	118,979	112,784	107,067	104,046	101,084	98,533	96,708	96,341	96,413
Edgefield County	25,261	25,343	25,239	25,063	24,694	24,552	24,571	24,560	24,595
Fairfield County	23,810	23,844	24,009	23,745	23,835	23,666	23,543	23,454	23,454
Florence County	131,297	130,259	129,291	128,171	127,057	126,318	125,805	125,761	125,761
Georgetown County	60,860	60,215	59,676	58,695	57,991	56,892	56,103	55,793	55,797
Greenville County	417,166	407,154	400,775	395,526	391,212	386,490	381,135	379,632	379,616
Greenwood County	68,213	67,860	67,451	67,435	67,142	66,733	66,332	66,272	66,271
Hampton County	21,268	21,153	21,212	21,366	21,252	21,358	21,360	21,382	21,386
Horry County	238,493	227,520	217,411	210,676	205,932	201,607	198,042	196,629	196,629
Jasper County	21,809	21,409	21,228	20,957	20,935	20,865	20,731	20,671	20,678
Kershaw County	57,490	56,341	55,275	54,505	53,702	53,421	52,855	52,647	52,647
Lancaster County	63,628	63,060	62,818	62,538	62,158	61,659	61,404	61,351	61,351
Laurens County	70,374	70,247	69,966	70,167	70,016	70,011	69,666	69,533	69,567
Lee County	20,559	20,589	20,539	20,324	20,263	20,138	20,140	20,119	20,119
Lexington County	240,160	234,934	230,538	226,738	222,678	220,031	216,897	216,010	216,014
McCormick County	10,226	10,129	10,071	10,260	10,192	10,103	9,990	9,958	9,958
Marion County	34,684	34,798	34,889	35,001	35,027	35,275	35,462	35,466	35,466
Marlboro County	29,152	27,722	28,210	28,315	28,566	28,605	28,815	28,818	28,818
Newberry County	37,762	37,315	37,095	36,855	36,718	36,313	36,038	36,004	36,108
Oconee County	70,567	69,676	68,949	68,430	67,918	67,029	66,430	66,215	66,215
Orangeburg County	90,845	90,916	90,842	91,148	91,335	91,403	91,503	91,514	91,582
Pickens County	114,446	113,221	112,698	112,008	111,418	111,507	110,991	110,757	110,757
Richland County	348,226	341,813	340,751	333,558	328,701	325,834	321,392	320,781	320,677
Saluda County	19,059	18,968	18,799	19,018	19,104	19,171	19,184	19,181	19,181

Geographic area	Population Estimates							Estimates Base	Census 2000
	July 1, 2006	July 1, 2005	July 1, 2004	July 1, 2003	July 1, 2002	July 1, 2001	July 1, 2000	April 1, 2000	April 1, 2000
Spartanburg County	271,087	266,764	263,661	261,509	259,327	256,936	254,459	253,782	253,791
Sumter County	104,430	104,909	105,364	105,265	105,023	104,287	104,697	104,636	104,646
Union County	28,306	28,511	28,605	29,066	29,306	29,571	29,878	29,881	29,881
Williamsburg County	36,105	35,272	35,712	35,702	36,367	36,802	37,158	37,221	37,217
York County	199,035	190,111	183,370	178,224	173,868	169,604	165,730	164,623	164,614

Source: US Census Bureau, Population Estimates Program
More Tables and Information: [Population Estimates Program](#)

Note: The April 1, 2000 estimates base reflects changes to the Census 2000 population resulting from legal boundary updates as of January 1 of the estimates year, other geographic program changes, and Count Question Resolution actions. All geographic boundaries for the July 1, 2006 population estimates series are defined as of January 1, 2006. An "(x)" in the Census 2000 field indicates a locality that was formed or incorporated after Census 2000 or was erroneously omitted from Census 2000. See [Geographic Change Notes](#) for additional information on these localities.

Lee Nuclear Station Response to Request for Additional Information (RAI)

Attachment 27-5 to RAI 27

Average Annual Daily Traffic – Cherokee County, SC

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Average Annual Daily Traffic

Average daily traffic volumes are available from over 15,000 locations across South Carolina.

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[The Weather Channel](#)
[Weather Underground](#)
[Nat'l. Weather Service](#)
[Intellicast](#)

Estimated average annual daily traffic (AADT) data can be accessed by selecting the appropriate county. This information is updated yearly.

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[Logo Sign Program](#)
[Motorcycles & Traffic Signals](#)
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For assistance with traffic count data, you may contact the SCDOT at (803) 737-1628.

State Maps[Map Information](#)
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[Map](#)
[Coastal Evacuation Routes](#)

The AADT data sheets provided here contain brief text descriptions of station locations where counts are taken. Users may also wish to obtain Traffic Flow Maps that graphically show count station locations.

For information on how to obtain Traffic Flow Maps contact:

Tourism[Discover South Carolina](#)
[South Carolina State Parks](#)
[South Carolina State Trails](#)

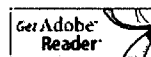
South Carolina Department of Transportation
Engineering Publications, Room G-19
Post Office Box 191
Columbia, South Carolina 29202-0191
Telephone: (803)737-4533
Fax: (803)737-4530

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Updated 05/20/08

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AVERAGE DAILY TRAFFIC
for: MAP SALES

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STAT	ROUT NO.	ROUTE LOCATION	EST. AADT	AADT YEAR	COUNTY
101	US 29	Spartanburg Co. Line TO S-40	3900	2007	Cherokee
103	US 29	S-40 TO S-164	5100	2007	Cherokee
105	US 29	S-164 TO Browns Dr.	7600	2007	Cherokee
107	US 29	Browns Dr. TO S.C. 105	11100	2007	Cherokee
109	US 29	S.C. 105 TO S-89	12100	2007	Cherokee
111	US 29	S-89 TO S.C. 11	6800	2007	Cherokee
113	US 29	S.C. 11 TO S-312	9100	2007	Cherokee
115	US 29	S-312 TO S-90	8600	2007	Cherokee
117	US 29	S-90 TO S-167	9500	2007	Cherokee
119	US 29	S-167 TO S.C. 329	7500	2007	Cherokee
121	US 29	S.C. 329 TO S-224	7400	2007	Cherokee
123	US 29	S-224 TO S-43	5800	2007	Cherokee
125	US 29	S-43 TO S.C. 5 & S-100	7100	2007	Cherokee
127	US 29	S.C. 5/S-100 TO S.C. 198	7400	2007	Cherokee
129	US 29	S.C. 198 TO S.C. 5	5600	2007	Cherokee
131	US 29	S.C. 5 TO S-21	3400	2007	Cherokee
133	US 29	S-21 TO I-85	2700	2007	Cherokee
135	US 29	I-85 TO N.C. State Line	6200	2007	Cherokee
137	US 221	Spartanburg Co. Line TO S-76	6200	2007	Cherokee
139	US 221	S-76 TO N.C. State Line	5900	2007	Cherokee
141	US 221 ALT	Spartanburg Co. TO S.C. 11/110	4100	2007	Cherokee
143	US 221 ALT	S.C. 11/110 TO S-74	3200	2007	Cherokee
145	US 221 ALT	S-74 TO N.C. State Line	2400	2007	Cherokee
147	US 221 CON	U.S. 221/S-146 TO U.S. 221 ALT.	1450	2007	Cherokee
149	SC 5	S.C. 18 TO S-351	1200	2007	Cherokee
151	SC 5	S-351 TO I-85	2700	2007	Cherokee
153	SC 5	I-85 TO S-245	3600	2007	Cherokee
155	SC 5	S-245 TO S-43	2900	2007	Cherokee
157	SC 5	S-43 TO S-794	1550	2007	Cherokee
159	SC 5	S-794 TO U.S. 29/S-100	1300	2007	Cherokee
161	SC 5	U.S. 29 TO S-30	6300	2007	Cherokee
163	SC 5	S-30 TO S-68	4600	2007	Cherokee
165	SC 5	S-68 TO S.C. 55/S-286	4700	2007	Cherokee
167	SC 5	S.C. 55/S-286 TO York Co.	3500	2007	Cherokee
169	SC 11	U.S. 221 ALT./S.C. 110 TO S-36	4300	2007	Cherokee
171	SC 11	S-36 TO S-29	4100	2007	Cherokee
173	SC 11	S-29 TO S-94	6500	2007	Cherokee
175	SC 11	S-94 TO S-61	8700	2007	Cherokee
177	SC 11	S-61 TO I-85	7000	2007	Cherokee
179	SC 11	I-85 TO S-566	17600	2007	Cherokee
181	SC 11	S-566 TO S-481	21900	2007	Cherokee
183	SC 11	S-481 TO S-365	19000	2007	Cherokee
185	SC 11	S-365 TO S.C. 18/150	7600	2007	Cherokee
187	SC 18	Union Co. Line TO S.C. 211	1750	2007	Cherokee
189	SC 18	S.C. 211 TO S.C. 211	2400	2007	Cherokee
191	SC 18	S.C. 211 TO S-393	2300	2007	Cherokee
193	SC 18	S-393 TO S-277	6400	2007	Cherokee
195	SC 18	S-277 TO S-111	7800	2007	Cherokee
197	SC 18	S-111 TO S.C. 105	7200	2007	Cherokee
199	SC 18	S.C. 105 TO S.C. 105	11500	2007	Cherokee

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STAT	ROUT NO.	ROUTE LOCATION	EST. AADT	AADT YEAR	COUNTY
201	SC 18	S.C. 105 TO S-254	11600	2007	Cherokee
203	SC 18	S-254 TO S-41	5700	2007	Cherokee
205	SC 18	S-41 TO S.C. 11/150	7300	2007	Cherokee
207	SC 18	S.C. 11/150 TO S.C. 150	6300	2007	Cherokee
209	SC 18	S.C. 150 TO U.S. 29 Conn./S.C. 18	8000	2007	Cherokee
211	SC 18	U.S. 29/S.C.18 TO Cherokee Cr.	10700	2007	Cherokee
213	SC 18	Cherokee Creek TO I-85	7700	2007	Cherokee
215	SC 18	I-85 TO S.C. 5	6000	2007	Cherokee
217	SC 18	S.C. 5 TO N.C. State Line	5000	2007	Cherokee
219	SC 18 CON	U.S. 29 TO S-130	5900	2007	Cherokee
221	SC 18 CON	S-130 TO S.C. 11	9200	2007	Cherokee
223	SC 18 CON	S.C. 11 TO S.C 150	8500	2007	Cherokee
225	SC 18 CON	S.C 150 TO S-24	6000	2007	Cherokee
227	SC 18 CON	S-24 TO S.C. 18/S-793	5600	2007	Cherokee
228	SC 55	S.C. 5/S-286 TO York Co.	1050	2007	Cherokee
229	SC 97	S.C. 5 TO York County Line	425	2007	Cherokee
231	SC 105	Union Co. LINE TO S.C. 211	350	2007	Cherokee
233	SC 105	S.C. 211 TO S.C. 211	325	2007	Cherokee
235	SC 105	S.C. 211 TO S-231	425	2007	Cherokee
237	SC 105	S-231 TO S-103	750	2007	Cherokee
239	SC 105	S-103 TO S.C. 329 & S-13	1350	2007	Cherokee
241	SC 105	S.C. 329/S-13 TO S-50	2900	2007	Cherokee
243	SC 105	S-50 TO S-238	4100	2007	Cherokee
245	SC 105	S-238 TO S-111	4300	2007	Cherokee
247	SC 105	S-111 TO S.C. 18	5400	2007	Cherokee
249	SC 105	S.C. 18 TO S-266	2000	2007	Cherokee
251	SC 105	S-266 TO S-172	3400	2007	Cherokee
253	SC 105	S-172 TO S.C. 150/S-89	2400	2007	Cherokee
255	SC 105	S.C. 150/S-89 TO S.C. 150	4000	2007	Cherokee
257	SC 105	S.C. 150 TO U.S. 29	7300	2007	Cherokee
259	SC 105	U.S. 29 TO S-467	11700	2007	Cherokee
260	SC 105 CON	S.C. 105 TO S.C. 105	200	2007	Cherokee
261	SC 105	S-467 TO I-85	11800	2007	Cherokee
262	SC 105 CON	S.C. 105 TO S.C. 211	250	2007	Cherokee
263	SC 110	Spartanburg Co. Line TO S-106	2000	2007	Cherokee
265	SC 110	S-106 TO S.C. 221 ALT.	3400	2007	Cherokee
267	SC 150	Spartanburg Co. TO S.C. 211	1750	2007	Cherokee
269	SC 150	S.C. 211 TO S-70	2300	2007	Cherokee
271	SC 150	S-70 TO S-388	2200	2007	Cherokee
273	SC 150	S-388 TO S-323	3000	2007	Cherokee
275	SC 150	S-323 TO S-111	3500	2007	Cherokee
277	SC 150	S-111 TO S.C. 105	7200	2007	Cherokee
279	SC 150	S.C. 105/S-89 TO S.C. 18/S.C. 11	5800	2007	Cherokee
281	SC 150	S.C. 18 TO U.S. 29 CONN./S.C. 18	1950	2007	Cherokee
283	SC 150	U.S. 29 CONN./S.C. 18 TO I-85	7900	2007	Cherokee
285	SC 150	I-85 TO S-71	4200	2007	Cherokee
287	SC 150	S-71 TO S-63	2900	2007	Cherokee
289	SC 150	S-63 TO N.C. State Line	2500	2007	Cherokee
291	S- 127	U.S. 29 TO S-159	1900	2007	Cherokee
292	SC 198	Co. Rd TO I-85	4900	2007	Cherokee

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STAT	ROUT NO.	ROUTE LOCATION	EST. AADT	AADT YEAR	COUNTY
293	S- 127	S-159 TO S.C.198	1700	2007	Cherokee
295	SC 198	I-85 TO S-214	2400	2007	Cherokee
297	SC 198	S-214 TO N.C. State Line	1800	2007	Cherokee
299	SC 211	S.C. 150 TO S-72	425	2007	Cherokee
301	SC 211	S-72 TO S.C. 18	550	2007	Cherokee
303	SC 211	S.C. 18 TO S-104	550	2007	Cherokee
305	SC 211	S-104 TO S.C. 105	325	2007	Cherokee
307	SC 211	S.C. 105 TO York County Line	475	2007	Cherokee
309	SC 216	S-21 TO N.C. State Line	550	2007	Cherokee
311	SC 216	King Mountain Park TO S-21	375	2007	Cherokee
313	SC 329	S.C. 105/S-13 TO S-50	1200	2007	Cherokee
315	SC 329	S-50 TO U.S. 29	2100	2007	Cherokee
317	SC 329	U.S. 29 TO S.C. 18	4400	2007	Cherokee
318	S- 32	S-663 To SC 329/S-49	4700	2007	Cherokee
319	S- 34	S.C. 11 TO S-61	2600	2007	Cherokee
321	S- 34	S-61 TO S-36	1950	2007	Cherokee
323	S- 21	U.S. 29 TO S-123	550	2007	Cherokee
325	S- 21	S-123 TO S.C. 216	325	2007	Cherokee
327	S- 223	S-67 TO S-141	850	2007	Cherokee
329	S- 286	S-141 TO S.C. 5	400	2007	Cherokee
331	S- 209	York County Line TO S-121	250	2007	Cherokee
333	S- 209	S-121 TO S-43	950	2007	Cherokee
335	S- 43	S.C. 5 TO U.S. 29	1300	2007	Cherokee
337	S- 43	U.S. 29 TO Westview Drive	2900	2007	Cherokee
339	S- 43	S-30 TO S-209	2000	2007	Cherokee
341	S- 285	S-111 TO S-156	1000	2007	Cherokee
343	S- 285	S-156 TO S-304	1450	2007	Cherokee
345	S- 285	S-304 TO S-70	550	2007	Cherokee
347	S- 40	U.S. 29 TO S-138	1450	2007	Cherokee
349	S- 40	S-138 TO Petit Rd	1050	2007	Cherokee
351	S- 138	S-40 TO S.C. 150	1200	2007	Cherokee
353	S- 70	S.C. 18 TO S.C. 150	1350	2007	Cherokee
355	S- 81	S-61 To Copeland Rd	4900	2007	Cherokee
357	S- 81	Copeland Rd TO I-85	5400	2007	Cherokee
359	S- 29	S.C. 11 TO S-36	1200	2007	Cherokee
361	S- 29	S-36 TO N.C. State Line	700	2007	Cherokee
363	S- 61	S-165 TO S.C. 11	5300	2007	Cherokee
365	S- 301	S.C. 150 TO U.S. 29	1900	2007	Cherokee
367	S- 89	S.C. 105 TO S.C. 18 CONN.	2600	2007	Cherokee
369	S- 89	S.C. 18 CONN. TO S-249	2300	2007	Cherokee
371	S- 89	S-249 TO Irene Creek	2100	2007	Cherokee
373	S- 89	Irene Creek TO S-31	1800	2007	Cherokee
375	S- 89	S-31 TO I-85 Frontage Road	500	2007	Cherokee
377	S- 111	S.C. 18 TO S-124	3300	2007	Cherokee
379	S- 111	S-124 TO S-172	2700	2007	Cherokee
381	S- 111	S-172 TO S.C. 150	6800	2007	Cherokee
383	S- 111	S.C. 150 TO U.S. 29	2400	2007	Cherokee
385	S- 156	S-285 TO S-172	1300	2007	Cherokee
387	S- 13	S.C. 105 TO 0.83 mi. E. of S-17	1000	2007	Cherokee
388	L- 13	0.83 mi E. of S-17 easterly To End	75	2007	Cherokee

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STAT	ROUT NO.	ROUTE LOCATION	EST. AADT	AADT YEAR	COUNTY
389	S- 15	S-54 TO S.C. 211	100	2007	Cherokee
391	S- 24	SC 150 TO U.S. 29	5200	2007	Cherokee
393	S- 30	S.C. 5 TO U.S. 29	1200	2007	Cherokee
395	S- 31	S-42 TO S.C. 105	2200	2007	Cherokee
397	S- 31	S.C. 105 TO S.C. 11	3700	2007	Cherokee
399	S- 35	S.C. 18 TO N.C. State Line	800	2007	Cherokee
401	S- 36	N.C. State TO Spartanburg Co.	700	2007	Cherokee
403	S- 38	S-131 TO Spartanburg Co.	1300	2007	Cherokee
405	S- 39	S-59 TO U.S. 29	1800	2007	Cherokee
407	S- 41	SC 105 TO S-296/S-297	1500	2007	Cherokee
409	S- 41	S-296/S-297 To S.C. 18	3200	2007	Cherokee
411	S- 42	S-31 TO Spartanburg Co.	375	2007	Cherokee
413	S- 43	S-209 TO Parris Rd	475	2007	Cherokee
415	S- 44	S-209 TO S.C. 97	300	2007	Cherokee
417	S- 50	U.S. 29 TO S.C. 105	25	2007	Cherokee
419	S- 51	S.C. 18 TO S-41	4300	2007	Cherokee
421	S- 54	S.C. 18 TO S.C. 105	450	2007	Cherokee
423	S- 57	Spartanburg Co. TO S.C.110	1800	2007	Cherokee
425	S- 59	S-39 TO S.C. 110	475	2007	Cherokee
427	S- 61	S.C. 11 TO S-63	2700	2007	Cherokee
429	S- 63	S-162 TO N.C. State Line	900	2007	Cherokee
431	S- 65	S.C. 198 TO S-99	425	2007	Cherokee
433	S- 66	S-99 TO S.C. 5	500	2007	Cherokee
435	S- 67	U.S. 29 TO S-223	1150	2007	Cherokee
437	S- 71	S.C. 18 TO S.C. 150	750	2007	Cherokee
439	S- 72	S.C. 211 TO S.C. 18	200	2007	Cherokee
441	S- 80	S-36 TO S.C. 150	800	2007	Cherokee
443	S- 82	S-71 TO I-85	1450	2007	Cherokee
445	S- 91	6th Ave. TO S.C. 18	900	2007	Cherokee
447	S- 97	S-71 TO McCraw Rd	500	2007	Cherokee
449	S- 98	S.C. 18 TO S-232	175	2007	Cherokee
451	S- 99	S-65 TO S-66	450	2007	Cherokee
453	S- 130	S-31 TO S.C. 18/US 29 con	1500	2007	Cherokee
454	L- 130	SC 18/US 29 con To US 29	600	2007	Cherokee
455	S- 166	I- 85 Frtg. Rd. TO S-171	2000	2007	Cherokee
457	S- 171	S-166 TO S-253	2900	2007	Cherokee
458	S- 130	US 29 TO SC 18	850	2007	Cherokee
459	S- 171	S-253 TO S.C. 18	4500	2007	Cherokee
461	S- 172	S.C. 150 TO S.C. 105	2200	2007	Cherokee
463	S- 172	S-264 TO S-111	2000	2007	Cherokee
465	S- 193	S-259 TO S-130	1700	2007	Cherokee
467	S- 193	S-130 TO S-111	700	2007	Cherokee
468	L- 347	0.10 mi of S-203 To S-203	75	2007	Cherokee
469	S- 203	S-90 TO S-51	3300	2007	Cherokee
471	S- 229	Spartanburg Co. TO Spartanburg Co.	850	2007	Cherokee
473	S- 231	S.C. 105 TO S-54	175	2007	Cherokee
475	S- 232	S-98 TO N.C. State Line	125	2007	Cherokee
477	S- 234	S-39 TO 0.84 mi. westerly of I-85	1100	2007	Cherokee
479	S- 254	S-41 TO S.C. 18	1300	2007	Cherokee
481	S- 268	S-271 TO S.C. 18/105	225	2007	Cherokee

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APR-18-2008

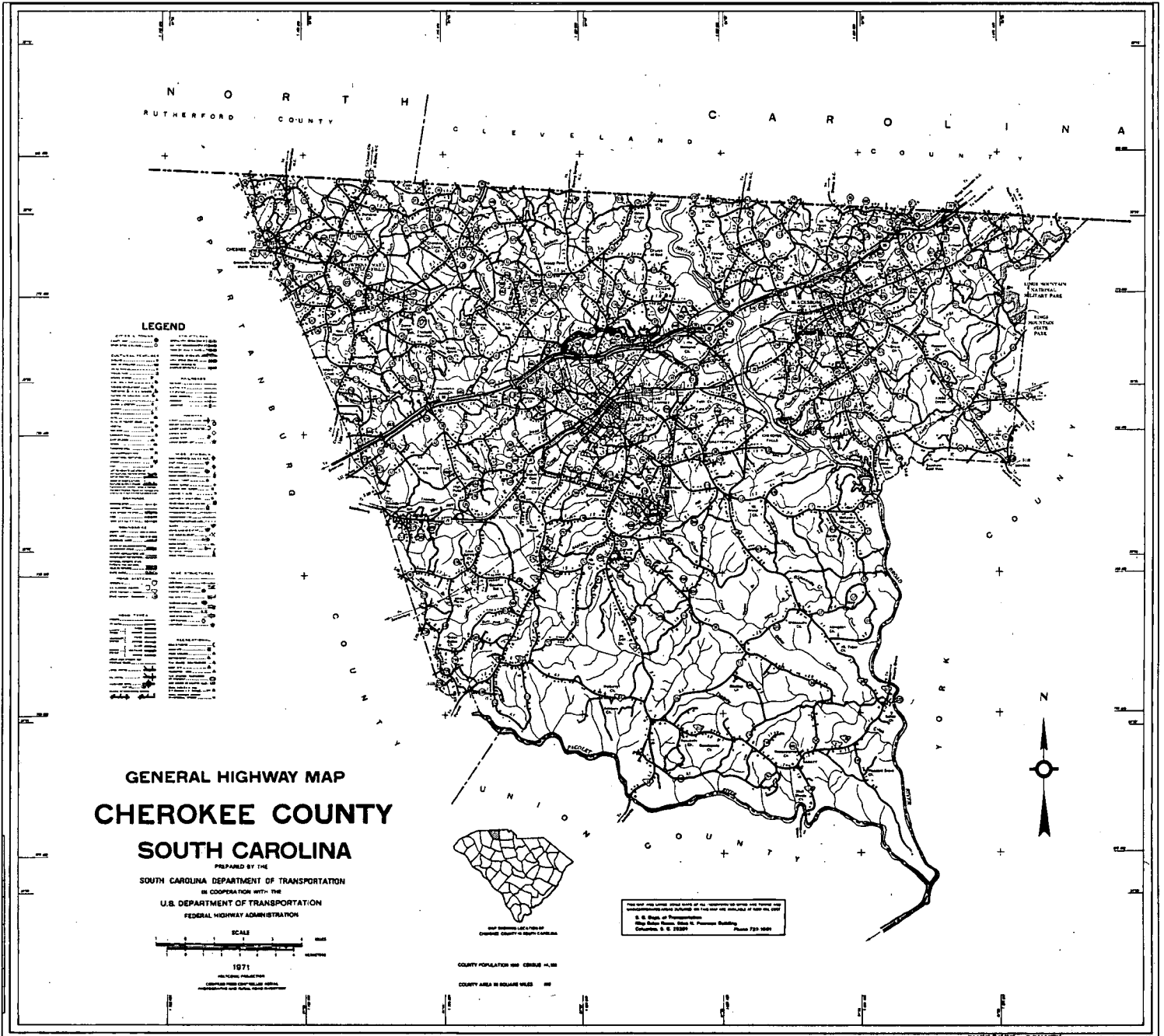
AVERAGE DAILY TRAFFIC
for: MAP SALES

Page:5

STAT	ROUT NO.	ROUTE LOCATION	EST. AADT	AADT YEAR	COUNTY
482	S- 271	S-172 TO S-270	3100	2007	Cherokee
483	S- 388	John St. TO S-111	1100	2007	Cherokee
485	S- 90	S-203 To S-41	3200	2007	Cherokee
487	L- 92	SC 105 To S-92	100	2007	Cherokee
489	L- 218	S-40 N. To SC 29	150	2007	Cherokee
491	L- 348	0.06 mi S. of S-670 To plants end	1550	2007	Cherokee
493	S- 555	S- 54 To S-554	175	2007	Cherokee
495	L- 555	SC 150 To S-97	25	2007	Cherokee
2335	I- 85	S-39 TO S-81/S.C. 105	55100	2007	Cherokee
2337	I- 85	S-81/S.C. 105 To S.C. 11	51900	2007	Cherokee
2339	I- 85	S.C. 11 TO S-82	51900	2007	Cherokee
2341	I- 85	S-82 TO S.C. 18	50200	2007	Cherokee
2343	I- 85	S.C. 18 TO S.C. 5	48300	2007	Cherokee
2345	I- 85	S.C. 5 TO S.C. 198	47100	2007	Cherokee
2347	I- 85	S.C. 198 TO S-99	44700	2007	Cherokee
2349	I- 85	S-99 TO U.S. 29	44500	2007	Cherokee
2351	I- 85	U.S. 29 TO N.C. State Line	45500	2007	Cherokee

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Lee Nuclear Station Response to Request for Additional Information (RAI)

Attachment 27-6 to RAI 27

Highway Capacity Manual 2000,
Transportation Research Board of the National Academies, 2000.

HIGHWAY CAPACITY MANUAL

TRANSPORTATION RESEARCH BOARD
OF THE NATIONAL ACADEMIES



Washington, D.C.
www.TRB.org

HCM2000

CAPACITY

The capacity of a two-lane highway is 1,700 pc/h for each direction of travel. The capacity is nearly independent of the directional distribution of traffic on the facility, except that for extended lengths of two-lane highway, the capacity will not exceed 3,200 pc/h for both directions of travel combined. For short lengths of two-lane highway—such as tunnels or bridges—a capacity of 3,200 to 3,400 pc/h for both directions of travel combined may be attained but cannot be expected for an extended length.

Capacity = 1,700 pc/h for each direction, and 3,200 for both directions combined

LEVELS OF SERVICE

The service measures for a two-lane highway are defined in Chapter 12, "Highway Concepts." On Class I highways, efficient mobility is paramount, and LOS is defined in terms of both percent time-spent-following and average travel speed. On Class II highways, mobility is less critical, and LOS is defined only in terms of percent time-spent-following, without consideration of average travel speed. Drivers will tolerate higher levels of percent time-spent-following on a Class II facility than on a Class I facility, because Class II facilities usually serve shorter trips and different trip purposes.

For definitions of the service measures for two-lane highways, percent time-spent-following, and average travel speed, see Chapter 12, "Highway Concepts"

LOS criteria for two-lane highways in Classes I and II are presented in Exhibits 20-2, 20-3, and 20-4. Exhibit 20-2 reflects the maximum values of percent time-spent-following and average travel speed for each LOS for Class I highways. A segment of a Class I highway must meet the criteria for both the percent time-spent-following and the average travel speed shown in Exhibit 20-2 to be classified in any particular LOS. Exhibit 20-3 illustrates the LOS criteria for Class I highways. For example, a Class I two-lane highway with percent time-spent-following equal to 45 percent and an average travel speed of 40 mi/h would be classified as LOS D based on Exhibit 20-2. However, a Class II highway with the same conditions would be classified as LOS B based on Exhibit 20-4. The difference between these LOS assessments represents the difference in motorist expectations for Class I and II facilities.

For definitions of Class I and II highways, also see Chapter 12

The LOS criteria in Exhibits 20-2 through 20-4 apply to all types of two-lane highways, including extended two-way segments, extended directional segments, specific upgrades, and specific downgrades.

TWO-WAY SEGMENTS

The two-way segment methodology estimates measures of traffic operation along a section of highway, based on terrain, geometric design, and traffic conditions. Terrain is classified as level or rolling, as described below. Mountainous terrain is addressed in the operational analysis of specific upgrades and downgrades, presented below. This methodology typically is applied to highway sections of at least 2.0 mi.

Traffic data needed to apply the two-way segment methodology include the two-way hourly volume, a peak-hour factor (PHF), and the directional distribution of traffic flow. The PHF may be computed from field data, or appropriate default values may be selected from the tabulated values presented in Chapter 12. Traffic data also include the proportion of trucks and recreational vehicles (RVs) in the traffic stream. The operational analysis of extended two-way segments for a two-lane highway involves several steps, described in the following sections.

EXHIBIT 20-2. LOS CRITERIA FOR TWO-LANE HIGHWAYS IN CLASS I

LOS	Percent Time-Spent-Following	Average Travel Speed (mi/h)
A	≤ 35	> 55
B	> 35–50	> 50–55
C	> 50–65	> 45–50
D	> 65–80	> 40–45
E	> 80	≤ 40

Note:

LOS F applies whenever the flow rate exceeds the segment capacity.

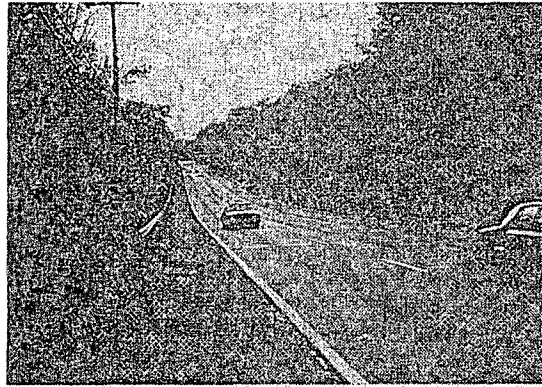


ILLUSTRATION 12-3. Undivided multilane highway in a rural environment.

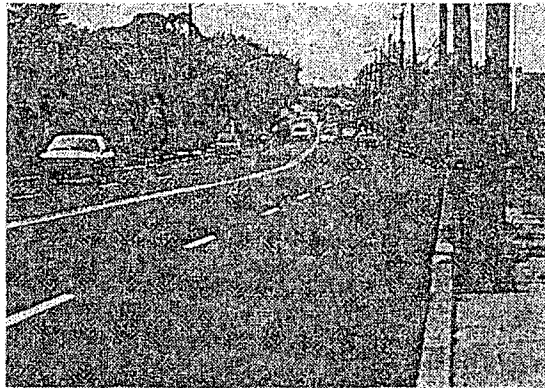


ILLUSTRATION 12-4. Undivided multilane highway in a suburban environment.

Multilane highways can be similar to freeways or can approach urban street conditions

MULTILANE HIGHWAY CAPACITY

Multilane highways in suburban and rural settings have different operational characteristics from freeways, urban streets, and two-lane highways. Most notably, multilane highways are not completely access controlled—they can have at-grade intersections and occasional traffic signals.

Friction caused by opposing vehicles on undivided highways and the access to roadside development contribute to a different operational setting from that of freeways. Multilane highways range from the uninterrupted flow of freeways to the flow conditions on urban streets, which are frequently interrupted by signals.

The capacity of a multilane highway is the maximum sustained hourly flow rate at which vehicles reasonably can be expected to traverse a uniform segment under prevailing roadway and traffic conditions.

FREE-FLOW SPEED

Free-flow speed (FFS) is the speed of traffic at low volume and low density. It is the speed at which drivers feel comfortable traveling under the physical, environmental, and traffic-control conditions on an uncongested section of multilane highway. Free-flow speeds will be lower on sections of highway with restricted vertical or horizontal alignments. FFS tend to be lower when posted speed limits are lower. The importance of

FFS is that it is the starting point for analyzing capacity and level of service (LOS) for uninterrupted-flow conditions.

Field determination of FFS requires travel time studies during periods of low-to-moderate volume. Operating speed, as defined in previous capacity manuals and in documents produced by the American Association of State Highway and Transportation Officials, is similar to FFS under low-volume conditions. For multilane highways, the upper limit for low volume is 1,400 passenger cars per hour per lane (pc/h/ln).

The FFS for multilane highways is the mean speed of passenger cars under low-to-moderate traffic flow. The LOS for multilane highways is based on density, which is calculated by dividing per-lane flow by speed.

RELATIONSHIPS BETWEEN HIGHWAY TYPES

Certain characteristics distinguish multilane suburban and rural highways from freeways. Vehicles may enter or leave multilane highways at intersections and driveways, and they can encounter traffic signals.

Design standards for multilane highways tend to be lower than those for freeways, although a multilane highway approaches freeway conditions as its access points and turning volumes approach zero. Moreover, the visual setting and the developed frontage along multilane highways have a greater impact on drivers than they do along freeways.

The multilane highway is similar to urban streets in many respects, although it lacks the regularity of traffic signals and tends to have greater control on the number of access points per mile. Also, its design standards are generally higher than those for urban streets. The speed limits on multilane highways are often 5 to 15 mi/h higher than speed limits on urban streets. Pedestrian activity, as well as parking, is minimal, unlike on urban streets.

Multilane highways differ substantially from two-lane highways, principally because a driver on a multilane highway is able to pass slower-moving vehicles without using lanes designated for oncoming traffic. Multilane highways also tend to be located near urban areas and often connect urban areas; they usually have better design features than two-lane highways, including horizontal and vertical curvature.

SPEED-FLOW AND DENSITY-FLOW RELATIONSHIPS

The speed-flow and density-flow relationships for a typical uninterrupted-flow segment on a multilane highway under either base or nonbase conditions in which the FFS is known are shown in Exhibits 12-1 and 12-2. Because drivers on multilane highways allow for potential conflicts with turning traffic—even when there are no access points in the immediate vicinity—the operating characteristics may be slightly less favorable than for a freeway.

As indicated in Exhibit 12-1, the speed of traffic on a multilane highway is not affected by traffic volume with a flow rate of less than 1,400 pc/h/ln. As the exhibit shows, the capacity of a multilane highway under base conditions is 2,200 pc/h/ln for highways with an FFS of 60 mi/h. For flow rates of 1,400 to 2,200 pc/h/ln, the speed on a multilane highway with an FFS of 60 mi/h drops by 5 mi/h. Exhibit 12-2 shows that density varies continuously throughout the range of flow rates.

The capacity value of 2,200 pc/h/ln represents the maximum 15-min flow rate accommodated under base conditions for highways with an FFS of 60 mi/h. Capacities on specific multilane highways may vary.

FACTORS AFFECTING FFS

Several traffic control, physical, and traffic conditions affect the FFS along a multilane highway. These conditions are described in the following sections.

Field studies of FFS

Lee Nuclear Station Response to Request for Additional Information (RAI)

RAI Letter Dated: August 21, 2008

Reference Number: ER RAI-29

NRC RAI:

Provide a copy or summary of the Shaw Construction Study.

Duke Energy Response:

Based on an informal review of proprietary personnel and payroll records for fossil power plant projects in the southeast, Shaw Nuclear provided Duke Energy with an estimate that 70% of the construction workers would be in-migrate (travelers) from outside the 50-mile region. Shaw Nuclear noted that the traveling craft workforce is highly mobile and many do not travel with family but rather commute (on weekends or monthly) with other workers with whom they often room near the job site. Shaw Nuclear also explained that based on their experience these workers will live in temporary housing (motels, rental houses, trailers, etc.) near the site. Some will locate in urban areas depending on life-style.

Shaw Nuclear also recently provided updated construction staffing projections which are included as an attachment to this response.

Associated Revisions to the Lee Nuclear Station Combined License Application:

Revisions associated with the change in construction staffing are addressed in a pending response to RAI 31.

Associated Attachment:

Attachment 29-1: Construction Workforce Estimates.

Lee Nuclear Station Response to Request for Additional Information (RAI)

Attachment 29-1 to RAI 29

Construction Workforce Estimates

W. S. LEE NUCLEAR STATION
TOTAL ON-SITE PROJECT STAFFING

[illegible]

W. S. LEE NUCLEAR STATION
TOTAL ON-SITE PROJECT STAFFING

[illegible]

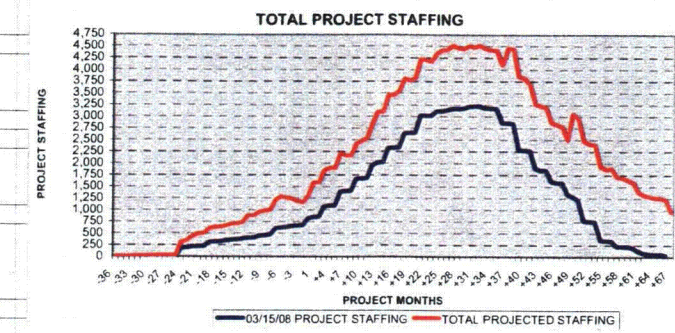
W. S. LEE NUCLEAR STATION
TOTAL ON-SITE PROJECT STAFFING

[illegible]

W. S. LEE NUCLEAR STATION
TOTAL ON-SITE PROJECT STAFFING

[illegible]

W. S. LEE NUCLEAR STATION
TOTAL ON-SITE PROJECT STAFFING

[illegible]

W. S. LEE NUCLEAR STATION
TOTAL ON-SITE PROJECT STAFFING

[illegible]

Duke Letter Dated: November 12, 2008

Lee Nuclear Station Response to Request for Additional Information (RAI)

NRC Letter Dated: August 21, 2008

Reference NRC RAI Number: ER RAI-83

NRC RAI:

Provide information on how the new plants might actually be operated during drought periods that could reduce consumptive water loss, e.g., scheduled outage, ramping down energy production, etc.

Duke Energy Response:

Duke Energy currently has no plans to alter plant operations to reduce consumptive water loss during possible extended drought conditions. As described in ER Section 5.3.1.1.3, Duke Energy will suspend operations if and when the supplemental sources of make-up water are fully depleted. As with any forced outage, Duke Energy expects to minimize impacts, including impacts to use of water and other resources, by evaluating plant conditions with regard to pending scheduled outages. These evaluations will occur on a case-by-case basis.

Associated Revision to the Lee Nuclear Station Combined License Application:

None

Associated Attachments:

None

Duke Letter Dated: November 12, 2008

Lee Nuclear Station Response to Request for Additional Information (RAI)

RAI Letter Dated: August 21, 2008

Reference NRC RAI Number: ER RAI-90

NRC RAI:

Once available, provide the results of the ecological surveys associated with the transmission line corridors, including habitat types traversed, locations of Federal- and State-listed species, and characterization of waterbodies, wetlands and floodplains that will be crossed.

Duke Energy Response:

Water bodies and floodplains that the transmission lines will cross are identified in *Siting and Environmental Report for the William States Lee III 230 kV and 525 kV Fold-In Lines, Cherokee and Union Counties, South Carolina* submitted to NRC January 28, 2008.

Duke Energy is currently negotiating right-of-way to the property along the corridor and surveying the centerline of the corridor. This is expected to be completed in the last quarter of 2008. The ecological survey will be performed in the spring to 2009 in order to identify any rare, threatened or endangered plants, which can only be identified by their flowers. The report on rare, threatened or endangered species is expected to be complete by August 2009. The cultural resources survey will be performed during this same period. Both reports will be forwarded to NRC once they are complete and reviewed by the US Fish and Wildlife Service and the SC State Historic Preservation Officer.

Associated Revisions to the Lee Nuclear Station Combined License Application:

None

Associated Attachments:

None