

Appendix D

Socioeconomic Study

FIVCO ADD

CITY OF GRAYSON

SMALL URBAN AREA STUDY



FIVCO AREA DEVELOPMENT DISTRICT

32 FIVCO COURT
GRAYSON, KY 41143
(606) 929-1366



METHODOLOGY

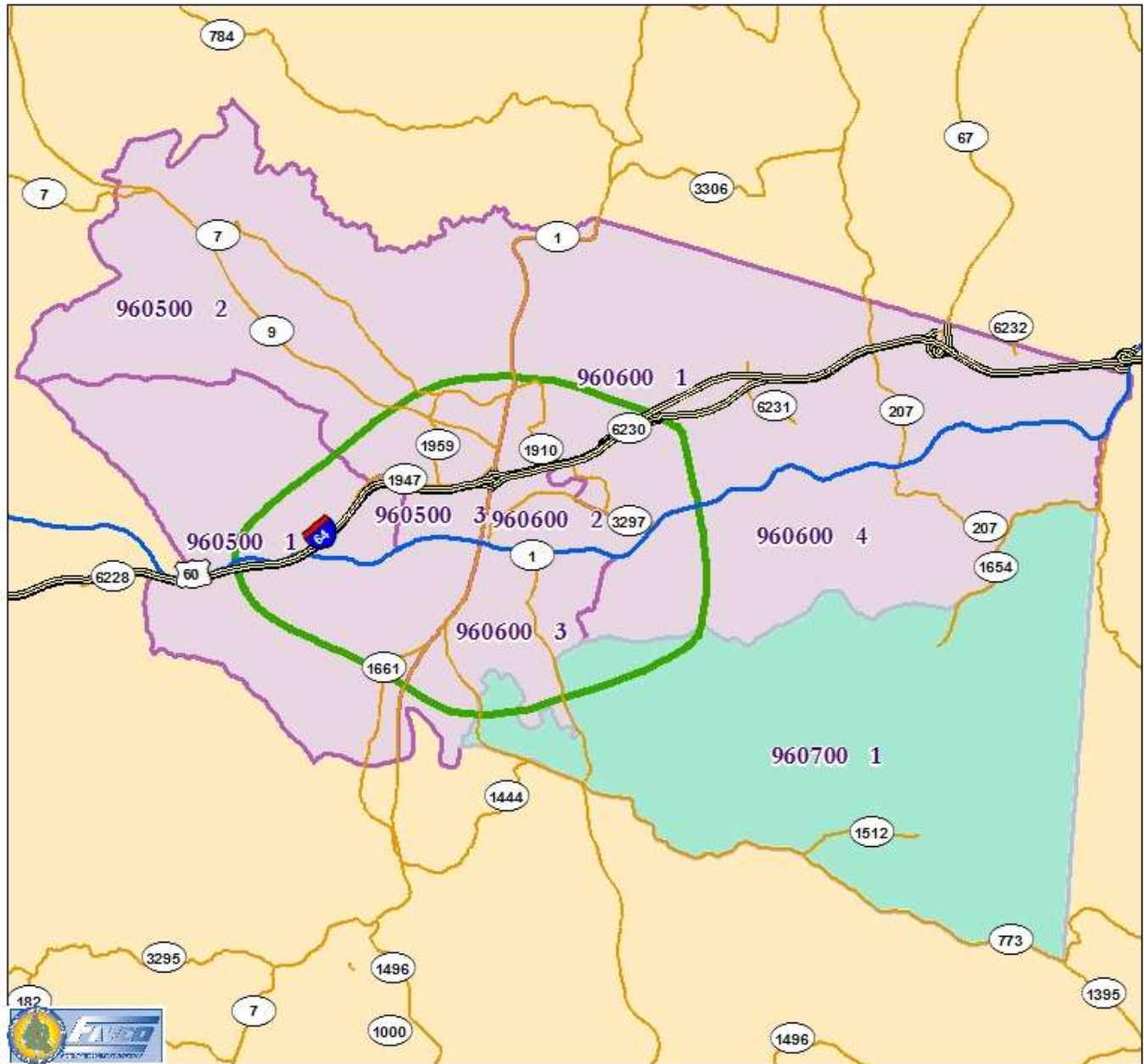
The Grayson Small Urban Area planning study area is a roughly circular area encompassing approximately twenty-four square miles including the city of Grayson and portions of the surrounding unincorporated land all within Carter County, Kentucky. There are eight Census Tract Block Groups that fall within the study area, two of which are completely within the study area (960500 2 and 960600 2). The remaining six block groups were assessed to see what percentage of households fell within the study area. Structure points obtained from the county were used to determine the number of residences and percentages in the following chart:

BLOCK GROUP	TOTAL RESIDENCES	RESIDENCES IN STUDY AREA	PERCENTAGE IN STUDY AREA
960500 Block Group 1	1559	995	64%
960500 Block Group 2	1373	473	34%
960600 Block Group 1	1761	907	52%
960600 Block Group 3	1395	1371	98%
960600 Block Group 4	1445	419	29%
960700 Block Group 1	1665	115	7%

Census Tract 960700 1 not included in the socioeconomic study because greater than 90% of households are not within the study area. The remaining block groups are included in the study as more than 10% of residences are within the study area. The American Community Survey 2014 was used to calculate block group level population percentage age 65 and older; minority population percentage; percentage of limited English proficiency (using speaks English Very Well as the threshold for proficiency); percentage below the poverty line; and median income. The Kentucky and Carter County block group averages were then determined for each socioeconomic factor.

The following analysis compares the state and county averages for each socioeconomic factor with the study area block groups. The methodologies used in this planning document are appropriate for identifying possible areas of concern in small urban areas and potential project corridors. However, during future phases of project development a more detailed and robust analysis would be required for the NEPA documentation when assessing the potential for adverse and disproportionate impacts to low-income and minority populations.

STUDY AREA JUSTIFICATION GRAYSON SMALL URBAN AREA STUDY



ANALYSIS

Persons Age 65 and Older

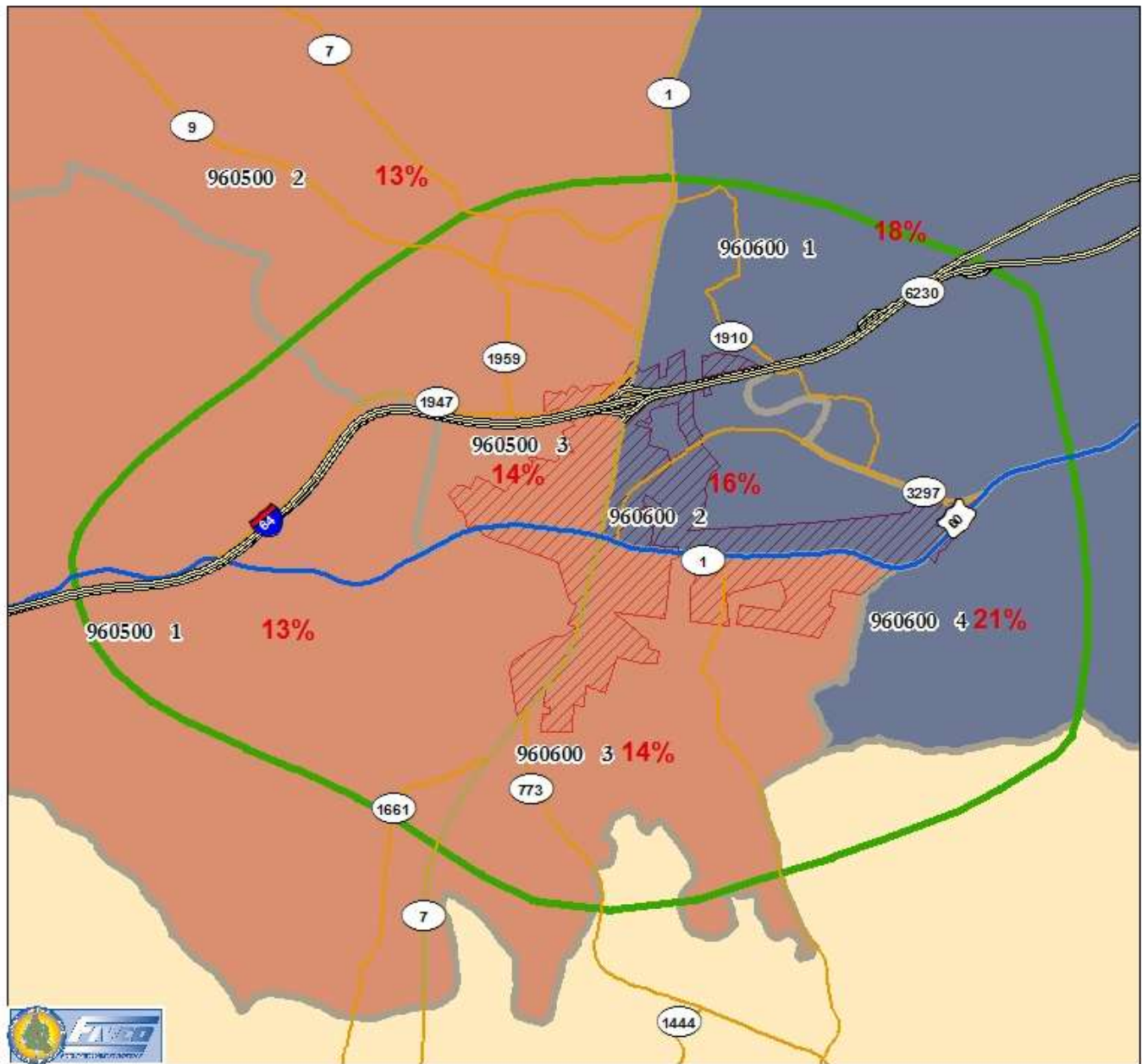
The state average population over age 65 is 14.8%. The Carter County population over age 65 is 16.2%.

Census Tracts 960500 1 (13.3%), 960500 2 (13%), 960500 3 (14.5%), and 960600 3 (13.7%) have 65 and older populations below the state and county averages.

Census Tract 960600 2 (15.7%) is above state average but below county average of persons age 65 and older.

Both Census Tract 960600 1 (18.2%) and 960600 4 (20.6%) have 65 and older populations above both state and county averages.

POPULATION AGE 65 AND OVER GRAYSON SMALL URBAN AREA STUDY



Interstate
Federal Highway
State Road



Study Area
Grayson Incorporated Limits

County Average 15%

Below County Average
Above County Average

0 1 2
Miles

Red Labels Indicate Percent Above Age 65
SOURCE: U.S. CENSUS AMERICAN COMMUNITY SURVEY 2014

Disabled Persons

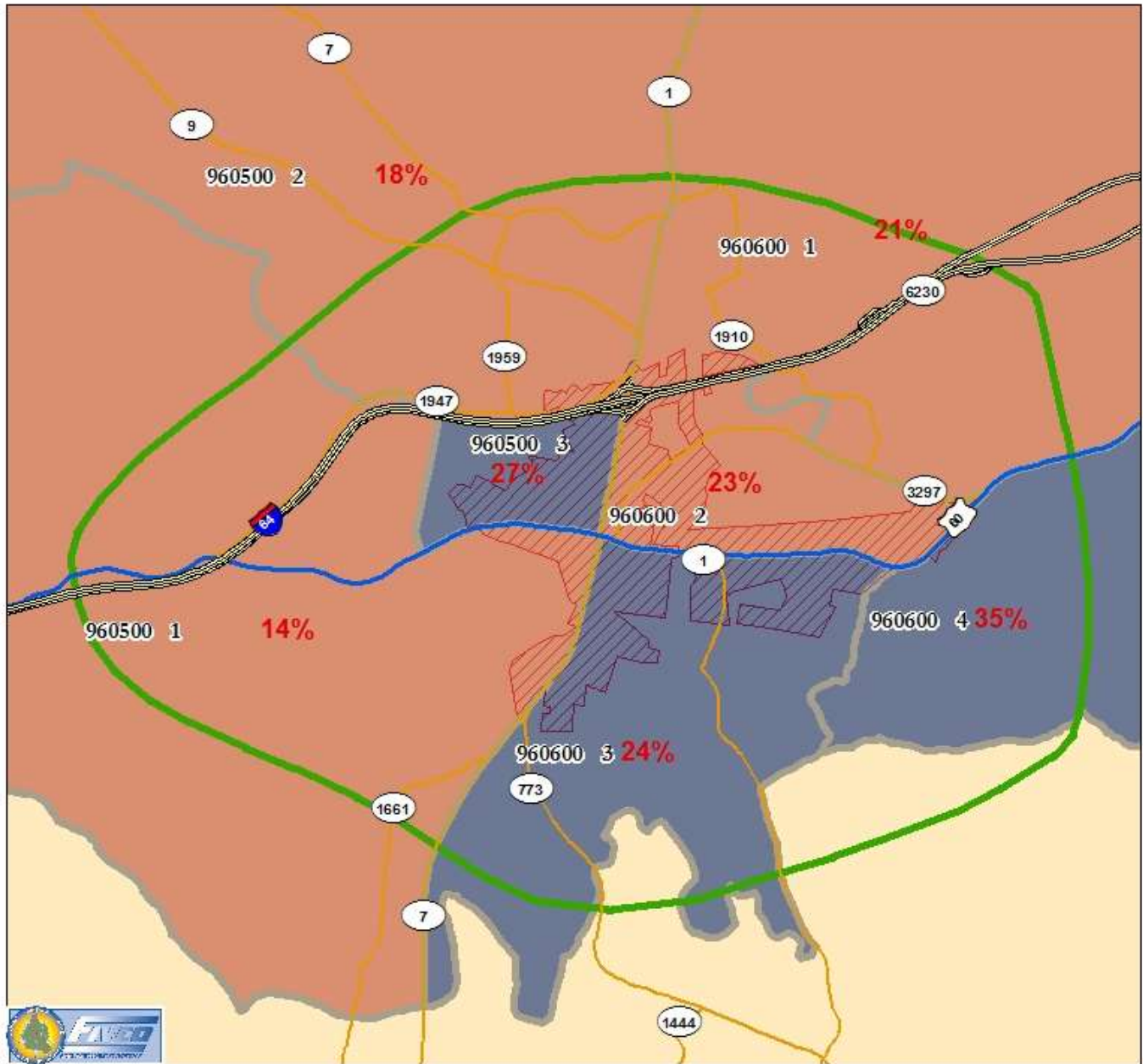
The state average population of disabled persons is 21.8%. The Carter County population of disabled persons is 24.7%.

Census Tracts 960500 1 (14.2%), 960500 2 (17.9%), 960600 1 (20.7%) have disabled populations lower than the state and county averages.

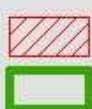
Census Tracts 960600 2(22.8%) and 960600 3 (24.1%) have disabled populations higher than the state average but lower than the county average.

Census Tracts 960500 3 (26.7%) and 960600 4 (35.2%) have disabled populations higher than both county and state averages.

DISABLED POPULATION GRAYSON SMALL URBAN AREA STUDY



Interstate
 Federal Highway
 State Road



Grayson Incorporated Limits
 Study Area

County Average 24%

Below County Average
 Above County Average

0 1 2
 Miles

Red Labels Indicate Disabled Percent
 SOURCE: U.S. CENSUS AMERICAN COMMUNITY SURVEY 2014

Minority Population

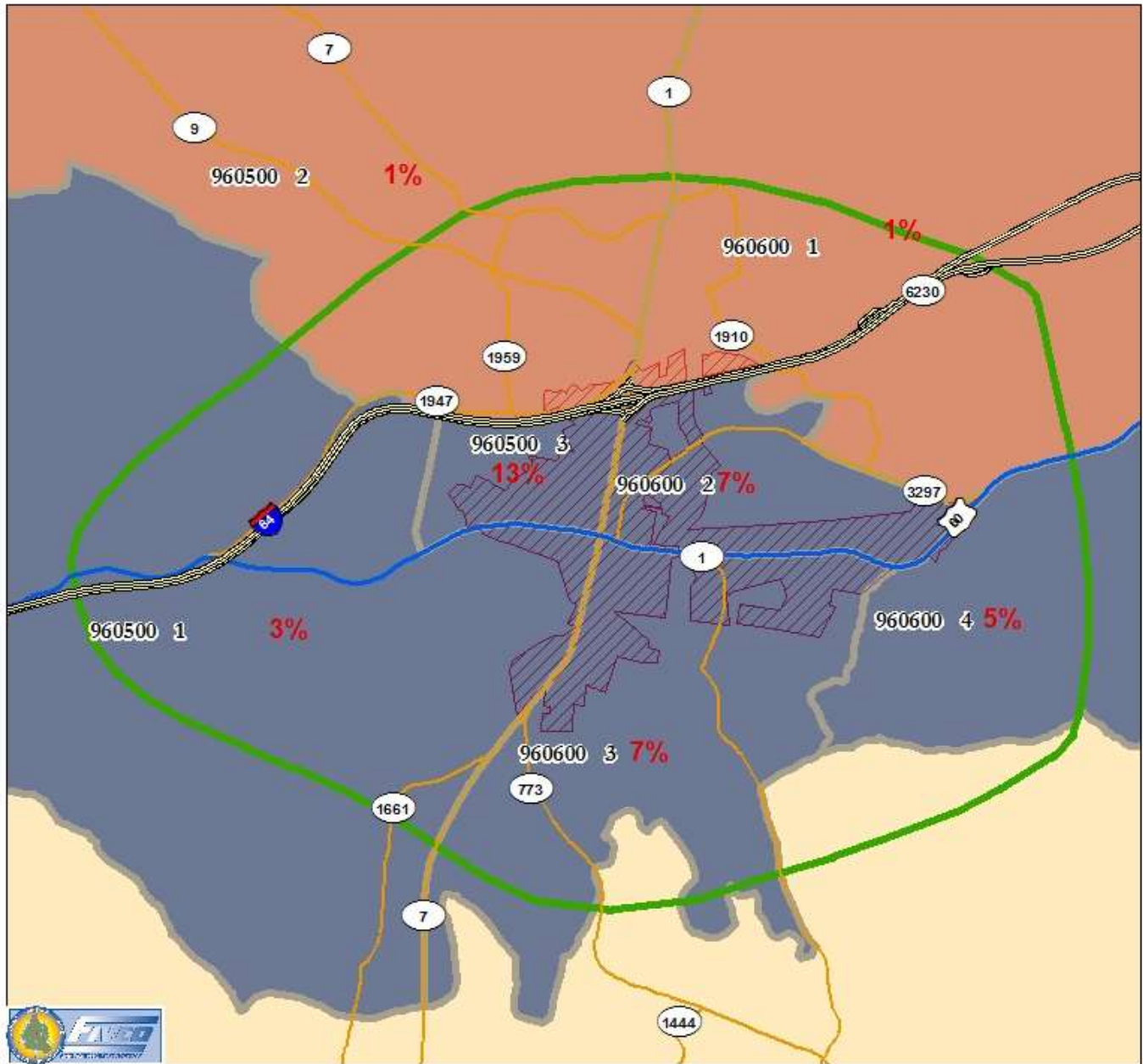
The state average population of minorities is 14.2%. The Carter County population of minorities is 3%.

Census Tracts 960500 2 (1%) and 960600 1 (0.06%) have minority populations lower than the state and county averages.

Census Tracts 960500 1 (0.03%), 960500 3(13.2%), 960600 2 (7%), 960600 3(7%), and 960600 4(5%) have minority populations higher the county average but lower than the state average.

No census tracts in Carter County are above the state average.

MINORITY POPULATION GRAYSON SMALL URBAN AREA STUDY



Interstate
 Federal Highway
 State Road



Grayson Incorporated Limits

Study Area

County Average 3%

Below County Average

Above County Average

0 1 2
Miles

Red Labels Indicate Minority Population Percent
SOURCE: U.S. CENSUS AMERICAN COMMUNITY SURVEY 2014

Limited English Proficiency

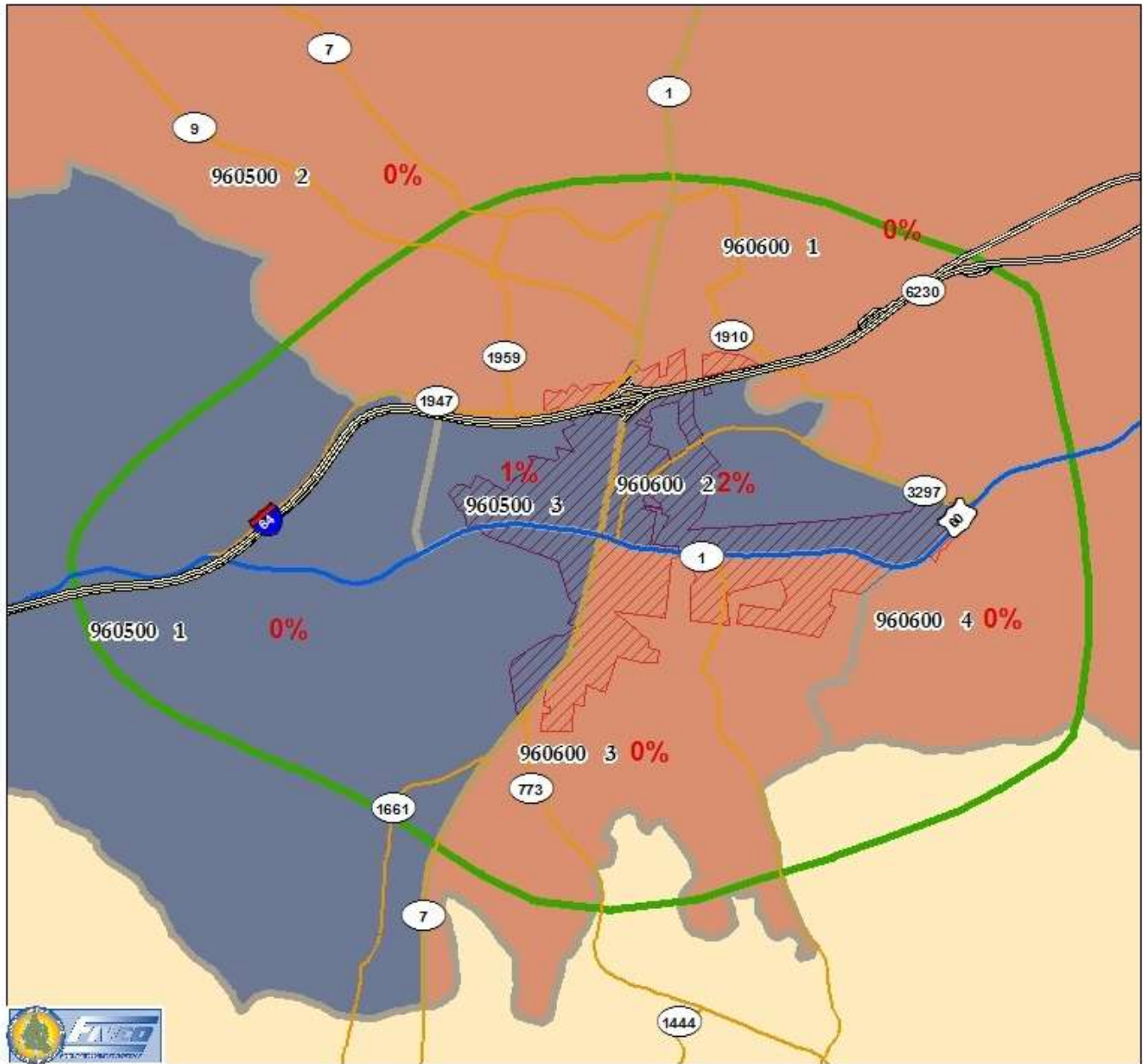
The state average population with limited English proficiency is 1.9%. The Carter County population of minorities is .3%.

All census tracts have a population with limited English Proficiency lower than the state average.

Census Tracts 960500 1 (.4%), 960500 3(1%), 960600 2 (1.6%) have a population with limited English proficiency higher the county average.

The remaining census tracts 960500 2, 960600 1, 960600 3, and 960600 4 in the study area have no population with limited English proficiency.

LIMITED ENGLISH PROFICIENCY GRAYSON SMALL URBAN AREA STUDY



Interstate
 Federal Highway
 State Road



Grayson Incorporated Limits

Study Area

County Average .3%

Below County Average

Above County Average

0 1 2
Miles

Red Labels Indicate Limited English Proficiency
SOURCE: U.S. CENSUS AMERICAN COMMUNITY SURVEY 2014

Population below Poverty Line

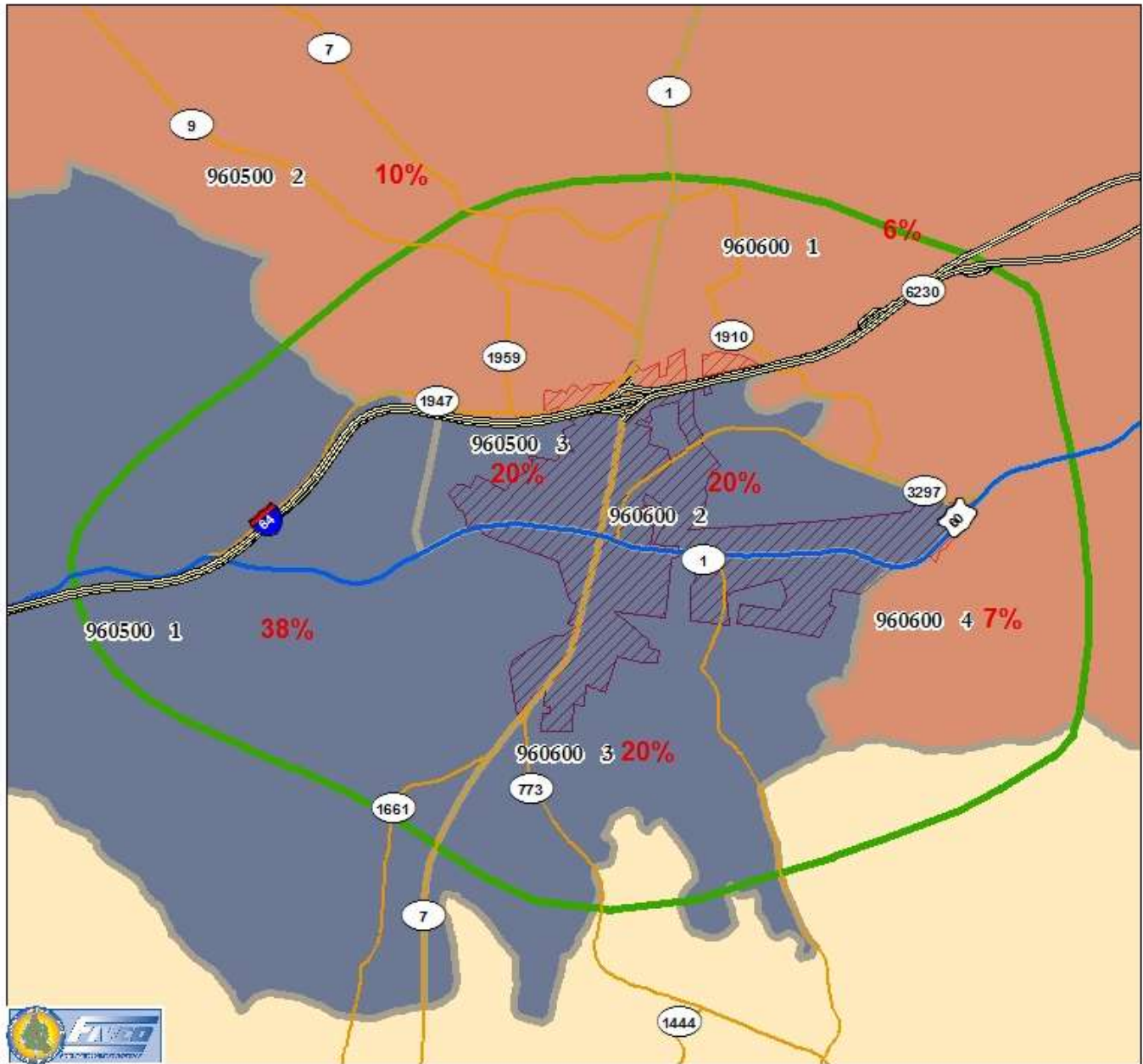
The state average population below poverty line is 20%. The Carter County population below poverty line is 18%.

Census Tract 960500 1 (38%) is the only tract that has a population below poverty line higher than both state and county averages.

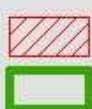
Census Tract 960500 3 (19%), 960600 2 (20%), 960600 3 (20%) have populations below poverty line higher than county averages but lower than state averages.

Census tracts 960500 2 (9%), 960600 1 (6%), 960600 4 (7%) all have populations below the poverty line lower than state and county averages.

POPULATION BELOW POVERTY LINE GRAYSON SMALL URBAN AREA STUDY



Interstate
 Federal Highway
 State Road



Grayson Incorporated Limits
 Study Area

County Average 18%

Below County Average
 Above County Average

0 1 2
 Miles

Red Labels Indicate Percent Below Poverty Line
 SOURCE: U.S. CENSUS AMERICAN COMMUNITY SURVEY 2014

Applicable Laws, Acts and Executive Orders

Civil Rights Act of 1964, Title VI (42 USC 2000d et seq.) - This title declares it to be the policy of the United States that discrimination on the grounds of race, color, or national origin shall not occur in connection with programs and activities receiving federal financial assistance, and authorizes and directs the appropriate federal departments and agencies to take action to carry out this policy. The Presidential Memorandum accompanying Executive Order 12898 states that in accordance with this title, each federal agency should ensure that all programs or activities receiving federal financial assistance that affect human health or the environment do not directly, or through contractual or other arrangements, use criteria, methods, or practices that discriminate on the basis of race, color, or national origin.

Age Discrimination Act of 1975 (42 U.S.C. 6101)- No person in the United States shall, on the basis of age, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance.

Rehabilitation Act of 1973, Section 504 (42 U.S.C. 794, et seq.)- No qualified handicapped person shall, solely by reason of his handicap, be excluded from participation in, be denied the benefits of, be subjected to discrimination under any program or activity that receives or benefits from Federal financial assistance.

Americans with Disabilities Act of 1990 (42 U.S.C. 12131, et seq.) : No qualified individual with a disability shall, by reason of such disability, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination by a department, agency, special purpose district, or other instrumentality of a State or local government.

Executive Order #12898 (Environmental Justice) - directs federal agencies to develop strategies to address disproportionately high and adverse human health or environmental effects of their programs on minority and low-income populations.

Executive Order #13166 (Limited-English-Proficiency)- directs federal agencies to evaluate services provided and implement a system that ensures that Limited English Proficiency persons are able to meaningfully access the services provided consistent with and without unduly burdening the fundamental mission of each federal agency.