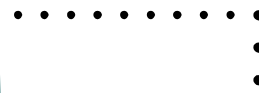


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Environmental Justice and Community Impact Report



**US 43 I Safety Improvements
Tennessee State Line to the
Owensboro Bypass**

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TABLE OF CONTENTS

1.0	Introduction.....	1
2.0	What is Environmental Justice?.....	1
3.0	Methodology.....	2
4.0	Census Data Analysis.....	3
5.0	Phase I – US 431 from the Tennessee State Line to the Western Kentucky Parkway.....	4
5.1	Study Findings / <i>Population by Race</i>	4
5.2	Study Findings / <i>Population by Poverty Level</i>	6
5.3	Study Findings / <i>Population by Age Group</i>	7
5.4	Study Findings / <i>Population by Disability</i>	8
5.5	Conclusion.....	9
6.0	Phase II – US 431 from the Western Kentucky Parkway to the Owensboro Bypass.....	11
6.1	Study Findings / <i>Population by Race</i>	11
6.2	Study Findings / <i>Population by Poverty Level</i>	13
6.3	Study Findings / <i>Population by Age Group</i>	14
6.4	Study Findings / <i>Population by Disability</i>	15
6.5	Conclusion.....	16
APPENDIX 1	Identification of Community Leaders and Other Contacts.....	19
APPENDIX 2	Methodology for Assessing Potential Environmental Justice Concerns for KYTC Planning Studies.....	28

APPENDIX 3	Phase I - Census Data Sets.....	31
	Figure 5.1 Race Populations	
	Figure 5.2 Low-Income Populations	
	Figure 5.3 Elderly Populations	
	Figure 5.4 Disabled Populations	
APPENDIX 4	Phase II - Census Data Sets	37
	Figure 6.1 Race Populations	
	Figure 6.2 Low-Income Populations	
	Figure 6.3 Elderly Populations	
	Figure 6.4 Disabled Populations	
APPENDIX 5	Phase I Census Maps	43
	Figure 7.1 Elderly Census Data for US, KY, and Counties	
	Figure 7.2 Low-Income Census Data for US, KY, and Counties	
APPENDIX 6	Phase II Census Maps.....	48
	Figure 8.1 Elderly Census Data for US, KY, and Counties	
	Figure 8.2 Low-Income Census Data for US, KY, and Counties	
APPENDIX 7	Phase I Reference Maps.....	55
	Figure 9.1 Logan County Tracts & Block Groups	
	Figure 9.2 Muhlenberg County Tracts & Block Groups	
APPENDIX 8	Phase II Reference Maps	69
	Figure 10.1 Muhlenberg County Tracts & Block Groups	
	Figure 10.2 McLean County Tracts & Block Groups	
	Figure 10.3 Daviess County Tracts & Block Groups	
APPENDIX 9	Other Maps.....	82
	Figure 11.1 Environmental Justice Target Populations in Muhlenberg County, Kentucky - Central City	
	Figure 11.1A Environmental Justice Target Populations in Muhlenberg County, Kentucky - Cleaton and Drakesboro	
	Figure 11.2 US 431 Project Area	

1.0 INTRODUCTION

This document is an assessment of the community characteristics for the proposed improvements to US 431 from the Tennessee state line to the Owensboro Bypass. The data used in this report has been compiled from a number of sources including the U.S. Census Bureau Census 2000, Kentucky Transportation Cabinet Division of Planning, local officials, and field observations of the project area. Appendix 1, *Identification of Community Leaders and Other Contacts*, contains contact information for individuals who were identified as having an interest or stake in the US 431 Improvements Project. The information and results are intended to assist the Kentucky Transportation Cabinet in making informed and prudent transportation decisions in the project area, especially with regard to the requirements of Executive Order 12898¹, to ensure equal environmental protection to all groups potentially impacted by this project.

The US 431 study area in western Kentucky crosses two KYTC Districts (2 and 3), three Area Development Districts (Barren River, Green River, and Pennyrite), and four counties (Logan, Muhlenberg, McLean, and Daviess). The study consists of two phases and the boundaries of the study area are generally as follows:

- Phase I begins at the Tennessee state line and extends northward to the Western Kentucky Parkway.
- Phase II begins at the Western Kentucky Parkway and extends northward to the Owensboro Bypass.

The information in this document is arranged into two parts – Phase I and Phase II.

This report outlines Census 2000 statistics for the US 431 Project Area using tables and maps. Statistics are provided on minority, low-income, elderly, and disabled populations for the project area, nation, state, region, tracts, and block groups.

2.0 WHAT IS ENVIRONMENTAL JUSTICE?

The U.S. EPA Office of Environmental Justice (EJ) defines EJ as:

“The fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation and enforcement of environmental laws, regulations and policies. Fair treatment means that no group of people, including racial, ethnic, or socioeconomic group should bear a disproportionate share of the negative environmental consequences resulting from industrial, municipal, and commercial operations or the execution of federal, state, local and tribal programs and policies. Meaningful involvement means that: (1) potentially affected community residents have an appropriate opportunity to participate in decisions about a proposed activity that will affect their environment and/or health; (2) the public's contribution can influence the regulatory agency's decision; (3) the concerns of all participants involved will be considered in the decision making process; and (4) the decision makers seek out and facilitate the involvement of those potentially affected.”

¹ Executive Order 12898 signed on February 11, 1994 states “...each Federal agency shall make achieving environmental justice part of its mission by identifying and addressing, as appropriate, disproportionately high and adverse human health or environmental effects of its programs, policies, and activities on minority populations and low-income populations...”

A disproportionately high and adverse effect on a minority or low-income population means an adverse effect that:

1. is predominately borne by a minority population and/or low-income population, or
2. will be suffered by the minority population and/or low-income population and is appreciably more severe or greater in magnitude than the adverse effect that will be suffered by the non-minority population and/or non-low-income population.

2.1.1 Definitions

USDOT Order 5610.2 on EJ, issued in the April 15, 1997 Federal Register defines what constitutes low income and minority populations.

- Low-Income is defined as a person whose median household income is at or below the U.S. Department of Health and Human Services poverty guidelines.
- Minority is defined as a person who is: (1) Black (a person having origins in any black racial groups of Africa); (2) Hispanic (a person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race); (3) Asian American (a person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands); or (4) American Indian and Alaskan Native (a person having origins in any of the original people of North America and who maintains cultural identification through tribal affiliation or community recognition).
- Low-Income Population is defined as any readily identifiable group of low-income persons who live in geographic proximity, and if circumstances warrant, geographically dispersed/transient persons who will be similarly affected by a proposed DOT program, policy or activity.
- Minority Population is defined as any readily identifiable group of minority persons who live in geographic proximity, and if circumstances warrant, geographically dispersed/transient persons who will be similarly affected by a proposed DOT program, policy or activity.

EO 12898 and U.S. DOT Order 5610.2 do not address consideration of the elderly or disabled population. However, the U.S. DOT encourages the study of these populations in EJ discussions and in accordance with EJ, Title VI of the Civil Rights Act of 1964 and the Kentucky Transportation Cabinet’s advocacy of inclusive public involvement and equal treatment of all persons this study includes statistics for persons age 65+ that are within the project and comparison areas, as well as individuals with one or more disabilities.

3.0 METHODOLOGY

For this study, data was collected by using the method outlined by the KYTC document, “Methodology for Assessing Potential Environmental Justice Concerns for KYTC Planning Studies.” (See *Appendix 2*)

The primary sources of data were the US Census Bureau Census 2000, local leaders, and field observations. Statistics were compiled to present a detailed analysis of the community conditions for the US 431 Project Area.

4.0 CENSUS DATA ANALYSIS

The U.S. Census Bureau defines geographical units as:

- Census Tract (CT) – “A small, relatively permanent statistical subdivision of a county or statistically equivalent entity delineated for data presentation purposes by a local group of census data users or the geographic staff of a regional census center in accordance with Census Bureau guidelines. CTs generally contain between 1,000 and 8,000 people. CT boundaries are delineated with the intention of being stable over many decades, so they generally follow relatively permanent visible features. They may also follow governmental unit boundaries and other invisible features in some instances; the boundary of a state or county is always a census tract boundary.”
- Block Group (BG) - “A statistical subdivision of a CT. A BG consists of all tabulation blocks whose numbers begin with the same digit in a CT. BGs generally contain between 300 and 3,000 people, with an optimum size of 1,500 people.”

The project and comparison area analysis include the percentages for minorities, low-income, elderly, and disabled population levels for the census tracts, block groups, Logan County, Muhlenberg County, McLean County, Daviess County, the Commonwealth of Kentucky, and the United States.

5.0 PHASE I – US 431 from the Tennessee state line to the Western Kentucky Parkway

This section of the Environmental Justice and Community Impact Report is to be used as a component of a Planning Study for highway transportation improvements to US 431 between the Tennessee state line & Owensboro, KY. This study is intended to help define the location and purpose of the project and better meet federal requirements regarding consideration of environmental issues as defined in the National Environmental Policy Act (NEPA).

The 2000 Census identifies two counties, 6 census tracts, and 16 block groups in this phase of the study. (See *Figures 9.1 and 9.2*)

Logan County – 3 census tracts, 9 block groups
Muhlenberg County – 3 census tracts, 7 block groups

5.1 STUDY FINDINGS / POPULATION BY RACE (*Figure 5.1*)

5.1.1 Logan County

This Environmental Justice and Community Impacts Report is to be used as a component of a *Scoping Study for Safety Improvements on US 431 from the Tennessee state line to the Owensboro Bypass*. The US 431 study area in Logan County encompasses an environmental footprint of 2,000 feet from the centerline of US 431 for a total width of 4,000 feet. This area encompassed portions of the following census tracts and block groups:

- Census Tract 9602
 - Block Group 1
 - Block Group 2
 - Block Group 3
 - Block Group 4
- Census Tract 9605
 - Block Group 1
 - Block Group 2
- Census Tract 9606
 - Block Group 1
 - Block Group 2

One additional block group, Block Group 3 of Census Tract 9605 was also analyzed because it is considered a nearby census block group.

Following a compilation of census information including data related to total population and specific target population groups within the study area, the Barren River Area Development District staff met with local officials and community members to review maps and census data related to the study. Specific targeted population groups included population by poverty level, minority and age group populations, and persons with disabilities. The intent of consulting local officials and community members was to confirm previous conclusions and to solicit input into the process of developing the Environmental Justice Report.

Within Logan County the predominant minority population is black. Of the three census tracts contained in the Logan County portion of the study area, none have a higher concentration of minorities than the United States average. However, two of the three census tracts, 9605 and 9606, do have a larger proportion of minorities than Kentucky or Logan County. Census Tract 9605 encompasses the southern part of Russellville and extends into southern Logan County. Census Tract 9606 includes Adairville and the remainder of south Logan County. Neither Census Tract 9602 nor its four block groups contains a significant number of minorities.

When the two census tracts, 9605 and 9606, are broken down into block groups it is revealed that two of the three block groups in Census Tract 9605 have higher concentrations of minority populations than Kentucky or Logan County. Census Block Group 1 of Census Tract 9605 has 17.2 percent of its residents as minorities, compared to Kentucky's 10.7 percent and Logan County's 9.3 percent. Census Block Group 3 has 15.1 percent of its population being minority. In discussions with local leaders, it was confirmed that Block Group 3 has a concentration of minorities along US 431 and in blocks in close proximity to US 431. This area of concentration was located from Rhea Boulevard north to Ninth Street in Russellville.

Within Census Tract 9606, Block Group 1 has 12.6 percent minority and Block Group 2 has 17.9 percent. Neither block group has more than 200 minorities. Local community leaders verified that there are no longer significant concentrations or predominant neighborhoods of minorities but they are fairly evenly distributed throughout Census Tract 9606.

5.1.2 Muhlenberg County Phase I: South of the WK Parkway

The previously defined Phase I study area of Muhlenberg County encompasses Census Tract 9601, 9607 and 9608. After compiling relative data, PADD staff met with local officials and community members to review maps and census data related to the study area. The intent of these discussions was to confirm previous conclusions and solicit input into the process of developing the Environmental Justice Report.

The majority of the census block groups in the study area contain minority populations that are considerably less than the national, state, and county averages. However, there are a few block groups in the study area that warrant further discussion. Figure 5.1 displays that Block Group 2 in Tract 9607 has higher percentages of minority populations than the overall county population with 9.8 percent or 142 black residents and 1.3 percent or 20 Hispanic residents. The black population for Muhlenberg County is 4.6 percent, the State of Kentucky is 7.3 percent, and the United States is 12.1 percent. The Hispanic population for Muhlenberg County is 0.7 percent, the State of Kentucky is 1.5 percent and the United States is 12.5 percent. There is a small minority neighborhood in Block Group 2 in the City of Drakesboro, Kentucky as indicated on *Figure 11.1A, Environmental Justice Target Populations in Muhlenberg County, Kentucky*.

Block Group 1 in Tract 9601 has the second highest black population with 6.1 percent or 59 black residents. These African-American residents are mainly located in the Village of Cleaton, an unincorporated community, which is approximately 2 miles south of the Western Kentucky Parkway and just east of US 431. The Village of Cleaton is indicated on Figure 11.1A, Environmental Justice Target Populations in Muhlenberg County, Kentucky. This is slightly higher than the county average of 4.6 percent, but is lower than the State and national percentages. It must be noted that only a small portion of this block group is in the project area. This black population appears to be the only noteworthy minority group in the area.

Meetings with local officials and community members resulted in the conclusion that additional concentrations of minorities are not located in the study area. It is believed that the implementation of this project would not have a disproportionate effect on minorities residing in the proposed study area. The Pennyrile ADD staff will continue to monitor racial composition in the study area and report any changes and/or developments that may occur in the future that could alter the findings of this report.

5.2 STUDY FINDINGS / *POPULATION BY POVERTY LEVEL (Figures 5.2 and 7.2)*

5.2.1 Logan County

The percentage of population considered below the poverty level in Logan County, 15.3 percent, is above the national level, of 12.0 percent, and is comparable to the Kentucky level of 15.4 percent. When comparing the percent of population considered to be below the poverty level within each of the three census tracts, only Census Tract 9602 has a higher percent of its residents in this category when compared to the United States, Kentucky or Logan County. It should be acknowledged that Census Tracts 9605 and 9606 do have rates of poverty approaching the United States figure of 12.0 percent.

When the census tracts are broken down into block groups, a more complex picture emerges. In Census Tract 9602, all four of the block groups exceed the United States poverty figure. Three of the four Block Groups, 1,2,and 4, have a higher percent of low-income persons than either Kentucky or Logan County. Block Group 1 has nearly one fourth of its residents below the poverty level while Block group 2 and 4 have rates of poverty at 21.5 percent and 18.3 percent respectively. It was confirmed by local community leaders that there were concentrations of low income in the blocks just east of US 431 in Lewisburg, but otherwise low-income persons are uniformly scattered throughout Census Tract 9602.

Within Census Tract 9605, Block Groups 2 and 3, the number of residents below the poverty level, 13.8 percent and 13.1 percent respectively, is higher than United States rates, 12.05 percent, but below Logan County or Kentucky rates of 15.3 percent and 15.4 percent respectively. As with the discussion of minorities, local leaders confirmed that Block Group 3 has a concentration of low-income persons along US 431, and in blocks in close proximity to US 431. This area of concentration was described as being located from Rhea Boulevard north to 9th Street in Russellville. Local officials did not identify any concentrations of low-income persons in Census Tract 9605, Block Group 2.

The two block groups of Census Tract 9606 show marked contrast to each other. Block Group 1 is higher in percentage of persons, 15.8 percent, living below the poverty line than the United States, Kentucky, or Logan County. Conversely, Block Group 2 has significantly fewer people living below the poverty level than the United States (12.0 percent), Kentucky (15.4 percent), or Logan County (15.3 percent). Local officials identified two elderly and low income housing complexes and a trailer park as being located just east of US 431 in downtown Adairville. Each of these developments is in Block Group 1.

5.2.2 Muhlenberg County Phase I: South of the WK Parkway

Figure 5.2 displays that all tracts in the study area contain low-income populations that are higher than the county, state and national averages. Additionally, the majority of the census block groups in the study area contain low-income populations that are higher than the county, state and national averages. Block Group 3 in

Tract 9607 has a low-income population of 35.3 percent, which comprises 284 residents. Block Group 1 in Tract 9608 has the second highest low-income population with 31.9 percent, which comprises 410 residents. Block Group 2 in Tract 9607 also has a high low-income population of 27.7 percent or 416 residents. The low-income population of the county, state and nation is 18.9 percent, 15.4 percent and 12.0 percent, respectively. These low-income populations are not believed to be concentrated in any one neighborhood. They are spread over each block group and reflect the high poverty rate of the county as a whole, which currently has one of the highest unemployment rates in the State.

Meetings with local officials and community members resulted in the conclusion that additional concentrations of low-income residents are not located in the study area. It is believed that the implementation of this project would not have a disproportionate effect on low-income residents residing in the proposed study area. The Pennyrile ADD staff will continue to monitor low-income composition in the study area and report any changes and/or developments that may occur in the future that could alter the findings of this report.

5.3 STUDY FINDINGS / POPULATION BY AGE GROUP (Figures 5.3 and 7.1)

5.3.1 Logan County

The percentage of population considered elderly in Logan County was 13.8 percent in 2000, which is above both the national and state levels of 12.4 percent and 12.5 percent respectively. When comparing the percentage of elderly population, within each of the three census tracts, each of these mirrors Logan County in that they have a higher percentage of elderly residents than the United States or Kentucky.

An analysis of the Block Groups within Census Tract 9602 shows that Block Group 1 has a smaller percentage of elderly population, 11.9 percent, than the United States, Kentucky or Logan County. The other three block groups also mirror Logan County and their parent census tract in that they have higher percentages of their population in the category of elderly than the United States or Kentucky.

The three block groups in Census Tract 9605 show similar trends as shown in Census Tract 9602 in that Block Group 1 has a lower concentration of elderly populations than the United States, Kentucky or Logan County. The other two census block groups list 17.6 percent and 20.6 percent of their residents as elderly, which is higher than the United States or Kentucky.

Census Tract 9606 and both Block Groups, 1 and 2, have a higher percent of elderly population than either the United States or Kentucky. In discussions with local leaders, there are two elderly and low income housing complexes in Adairville. These housing developments are located east of US 431 and were the only concentrations of elderly discussed.

5.3.2 Muhlenberg County Phase I: South of the WK Parkway

The previously defined Phase I study area of Muhlenberg County encompasses Census Tract 9601, 9607 and 9608. Only one of the census block groups in the study area contained an elderly population that is higher than the county average. The elderly population of the county, state and nation is 15.5 percent, 12.5 percent and 12.4 percent, respectively.

Figure 5.3 displays that Block Group 2 in Tract 9608 has the highest percentage of elderly population with 17.1 percent or 134 elderly residents. All the other block groups in the study area are lower than the county averages for elderly populations. This elderly population is not believed to be concentrated in any one neighborhood. They are spread over the block group and reflect the high elderly population of the county as a whole, which currently has a higher elderly population than the state and nation.

Discussions with local officials and community members resulted in the conclusion that additional concentrations of persons age 65 and over are not located in the project area. It is believed that the implementation of this project would not disproportionately effect the population of persons age 65 and over residing in the proposed study area.

5.4 STUDY FINDINGS / POPULATION BY DISABILITY (Figure 5.4)

5.4.1 Logan County

The percentage of population considered to have a disability in Logan County of 20.1 percent is above the national level of 17.7 percent but below the Kentucky level of 21.6 percent. When comparing the number of persons with disabilities within each of the three census tracts, Census Tracts 9605 and 9606 have comparable percentages to state, nation, and county averages. The third, Census Tract 9602, has a higher percentage of population with disabilities than Logan County, Kentucky, and the United States.

When Census Tracts, 9602, 9605 and 9606 are broken down into block groups the following emerges:

Of the four block groups in Census Tract 9602, only Block Groups 2, 3 and 4 have a higher concentration of disabled persons than the United States, Kentucky, and Logan County.

In Census Tract 9605, Census Block Group 3 has 29.4 percent of its population being disabled which is higher than the United States, Kentucky, and Logan County. Of the other two block groups, Block Group 2, with 20.9 percent of its population considered disabled, exceeds the Logan County and United States rate, and Block Group 1 has a lower percentage of disabled persons than either the United States, Kentucky, or Logan County.

Within Census Tract 9606, the percentage of disabled persons in Block Groups 1 and 2 is relatively equal to county and state averages. Discussions with local leaders did not indicate a concentration of disabled persons in any area of the US 431 Environmental Justice Study area.

5.4.2 Muhlenberg County Phase I: South of the WK Parkway

The previously defined Phase I study area of Muhlenberg County encompasses Census Tract 9601, 9607 and 9608. All three census tracts contain disabled populations which are higher than the county, state, and national averages. All of the census block groups in the study area contain populations of persons with a disability which are higher than the national average of 17.7 percent except Block Group 1 of Tract 9608, which has a population of persons with a disability of 13.9 percent. Discussions with local officials indicated that there were no concentrations of this population in the block groups and it is not deemed to be a significant population.

All of the other Block Groups in the study area are either relatively equal to the Muhlenberg County average or higher than the county average for populations of persons with a disability. Discussions with local officials and community members resulted in the conclusion that additional concentrations of persons with disabilities are not located in the project area. It is believed that the implementation of this project would not disproportionately affect the population of persons with disabilities residing in the proposed study area.

5.5 CONCLUSION

5.5.1 Logan County

The Logan County portion of the US 431 corridor runs from the Tennessee State line to Dunmore at the Muhlenberg County line. Within this part of the US 431 corridor, there is a variety of existing land uses. US 431 passes through three incorporated towns, Adairville, Russellville and Lewisburg. Each town has its own unique resources that must be considered during the development of recommendations.

Adairville is the first community on US 431 traveling north from the Tennessee line. In discussions with local community leaders, Adairville was described as a tightly knit rural community with US 431 running through the center of town.

The Adairville Elementary School was one of the major facilities identified by a visual survey of Adairville. The elementary school is located two blocks west of US 431. In addition, local officials identified two elderly and low-income apartment complexes, the Adairville Arms and Robert L. Staggers Manor. The two apartment complexes are located a block east of US 431 and downtown is bisected by US 431. The US 431 corridor between Adairville and Russellville is primarily agricultural with scattered farm residents.

5.5.2 Muhlenberg County Phase I: South of the WK Parkway

Based on data obtained from the US Census Bureau for income, race, age, persons with disabilities, and discussions with local officials and field observations, there appear to be two small concentrations of populations by race in the Phase I study area of Muhlenberg County, which is south of the WK Parkway. There also does not appear to be any religious group like the Amish or Mennonites that are in this portion of the study area.

An analysis of the minority population data showed two (2) of the block groups as having a relatively higher percentage of black population. The somewhat higher black populations in the study area are indicated on Figure 11.1A, Environmental Justice Target Populations in Muhlenberg County, Kentucky. These populations are mainly located in Drakesboro and Cleaton.

The elevated percentages of populations below the poverty level might be indicative of concentrations throughout the study area. However, based on the economic status of these rural depressed counties, these higher than average percentages for poverty levels are not uncommon for this area.

An analysis of elderly population data showed only one (1) Block Group with a slightly higher elderly population in the study area. The analysis showed an even distribution with no concentrations within this block group.

The Pennyrile ADD Staff feels that the possibility of adversely impacting any population group targeted by the E.J. Study would be very remote. However, the Pennyrile ADD Staff recommends that the data be reviewed again once the proposed improvements of US 431 are more advanced.

6.0 PHASE II – US 431 from the Western Kentucky Parkway to the Owensboro Bypass

This section of the Environmental Justice and Community Impact Report is to be used as a component of a Planning Study for highway transportation Improvements to US 431 between the Tennessee state line & Owensboro, KY. This study is intended to help define the location and purpose of the project and better meet federal requirements regarding consideration of environmental issues as defined in the National Environmental Policy Act (NEPA).

The 2000 Census identifies two counties, 6 census tracts, and 15 block groups in this phase of the study. (See *Figures 10.1, 10.2, and 10.3*)

Muhlenberg County – 1 tract, 6 block groups
McLean County – 2 tracts, 4 block groups
Daviess County – 3 tracts, 5 block groups

6.1 STUDY FINDINGS / POPULATION BY RACE (*Figure 6.1*)

6.1.1 Muhlenberg County Phase II: North of the WK Parkway

The previously defined Phase II study area of Muhlenberg County encompasses Census Tract 9602. After compiling relative data, PADD staff met with local officials and community members to review maps and Census data related to the study area. The intent of these discussions was to confirm previous conclusions and solicit input into the process of developing the Environmental Justice Report.

The majority of the census block groups in the study area contain minority populations that are considerably less than the national, state and county averages. However, there are a few block groups in the study area that warrant further discussion.

Figure 6.1 displays that BG 2 and 5 in Tract 9602 have considerably higher percentages of black populations. Block Group 2 has the highest percentage with 18.1 percent or 344 black residents. The black population for Muhlenberg County is 4.6 percent, the state of Kentucky is 7.3 percent, and the United States is 12.1 percent. The reason for the high black population in Block Group 2 is the Green River Correctional Complex, which is the State Prison that is located in this block group. Block Group 5 has the second highest percentage with 15.7 percent or 153 black residents. There is a small African American neighborhood in Block Group 5 that is indicated in *Figure 11.1, Environmental Justice Target Populations in Muhlenberg County, Kentucky*, which accounts for the higher than normal black population in this block group. The US 431 project area is contiguous to the outer edge of this minority neighborhood. It must be noted that only a small portion of these block groups are in the project area. These two (2) aforementioned block groups are located in Central City, Kentucky.

Block Group 3 in Tract 9602 has a black population of 5.7 percent, which comprises 48 residents. This is slightly higher than the county average of 4.6 percent, but is lower than the state and national percentages. Block Group 3 is also located in the Central City. Furthermore, there appears to be no significant minority groups in the study area other than the aforementioned black populations.

Meetings with local officials and community members resulted in the conclusion that additional concentrations of minorities are not located in the study area. It is believed that the implementation of this project would not have a disproportionate affect on minorities residing in the proposed study area. The Pennyrile ADD staff will continue to monitor racial composition in the study area and report any changes and/or developments that may occur in the future that could alter the findings of this report.

6.1.2 McLean County

The previously defined study area in McLean County encompasses portions of the following Census Tracts: 9701 and 9704. Following a compilation of pertinent information, GRADD Staff met with local officials and community members to review maps and census data related to the study. The intent of these discussions was to confirm previous conclusions and solicit input into the process of developing the Environmental Justice Report.

When viewing Figure 6.1a, you see that the population by race percentages for McLean County are comparable to or lower than those of the counties in the study area and considerably lower than the national and state averages. Based on the census data and meeting with local officials, there appears to be no concentrations of minorities in this specific study area.

6.1.3 Daviess County

The defined study area within Daviess County encompasses portions of the following Census Tracts: 17.01, 17.02, and 17.03. Figure 6.1 illustrates that Daviess County's population by race percentages are comparable to that of the other counties in the study area and often lower than the national and state averages. There are a few exceptions in Tracts 17.01 and 17.02

Tract 17.02 shows a small increase in the Asian population that is higher than the state average, but lower than the national average. Upon review and discussion with local community members, the higher concentration occurs in Block Group 2 (Figure 6.1b). The percentage is 2.5 percent, which is higher than the state percentage of 0.7 percent but lower than the national 3.6 percent average. Upon further review and discussion with area experts, it was determined that there is not a major concentration of the Asian population within the actual environmental footprint for this study. Though the number is elevated it still is comparable with the national average, which indicates the cultural diversity and the widespread racial immigration within the United States today.

Census Tract 17.01 (Figure 6.1a) shows a higher percentage of 'other race' populations when compared to all other averages. The percentage is 2.5 percent, which is higher than the state percentage of 1 percent and the national 1.9 percent average. There is an elevated percentage of Hispanics in this region as well – 3.1 percent. This is twice the state average, but significantly lower than the US average of 12.5 percent. Further analysis of census data tells us that these populations are housed in an apartment complex on the edge of the environmental footprint. There does not, however, appear to be a specific minority concentration in this area.

Otherwise, the majority of census tracts and block groups in the Daviess County Study Area contain population percentages that are considerably less than the national, state, and county averages and does not appear to have any specific minority concentration of race.

Meetings with local officials and community members resulted in the conclusion that additional concentrations of minorities are not located in the study area; therefore, it is anticipated that the implementation of this project would not have a disproportionate effect on minorities residing in the proposed study area. GRADD Staff will continue to monitor racial composition in the study area and report any changes and/or developments that may occur in the future that could alter the findings of this report.

6.2 STUDY FINDINGS / *POPULATION BY POVERTY LEVEL (Figures 6.2 and 8.2)*

6.2.1 Muhlenberg County Phase II: North of the WK Parkway

The previously defined Phase II study area of Muhlenberg County encompasses Census Tract 9602. The majority of the block groups in the study area contain low-income populations that are higher than the county, state and national averages.

Tract 9602 has a low-income population of 18 percent, which comprises 1,429 residents. The low-income population of the county, state, and nation is 18.9 percent, 15.4 percent and 12.0 percent respectively.

Figure 6.2 displays that Block Groups 3 and 7 in Tract 9602 have considerably higher percentages of low-income populations. Block Group 3 has the highest percentage with 32.1 percent or 271 low-income residents. Block Group 7 has the second highest percentage with 22.1 percent or 220 low-income residents. It must be noted that only a small portion of these block groups are in the project area. Block Group 3 is located on the southeast side of Central City and Block Group 7 is located north of Central City.

Block Group 6 of Tract 9602 has a low-income population of 15.9 percent. This is slightly lower than the county average of 18.9 percent, but is higher than the state and national percentages. Block Group 6 is located in Central City.

Meetings with local officials and community members resulted in the conclusion that additional concentrations of low-income residents are not located in the study area. It is believed that the implementation of this project would not have a disproportionate effect on low-income residents residing in the proposed study area. The Pennyryle ADD staff will continue to monitor low-income composition in the study area and report any changes and/or developments that may occur in the future that could alter the findings of this report.

6.2.2 McLean County

The defined study area within McLean County encompasses portions of the following Census Tracts: 9701 and 9704. Figure 6.2 illustrates the percentages of the population below poverty level for these tracts. Tract 9704, 15.0%, is comparable to McLean County, 15.7%, and the state, 15.4%, but higher than the nation, 12.0%. However, Tract 9701 and all its block groups have elevated percentages of low-income individuals. The percentage for Tract 9701 is 20.5 percent, while the state is 15.4 percent and the nation is 12 percent. Block groups 1 through 3 are 16.4 percent, 16.3 percent, and 17.8 percent, respectively. These numbers are noteworthy, and local officials were consulted to determine where these people are located and whether or not a 431 project might affect them.

It was determined through meeting with local officials that the only concentrations of low-income individuals that are within the project area are within the city of Livermore. There are six low-income housing units near Prells Lane, several near Sixth Street and some near Ridge Court. These units are located within the environmental footprint of the project.

GRADD Staff recommends that a subsequent review of poverty data within affected census divisions be undertaken to determine if particular concentrations of population below the poverty level exist in the project area; and if so, proactive measures should be undertaken to insure that these groups are not disproportionately affected by the project.

6.2.3 Daviess County

Figure 6.2 illustrates that, except for Tract 17.01, BG 4, the percentages of the population below poverty level for Daviess County are comparable to or significantly lower than state and national averages. Percentages of population below the poverty level in these tracts and block groups range from a low of 3.1 percent to a high of 16.9 percent. The 16.9 percent is located in Tract 17.01, BG 4. This 16.9 percent is significantly higher than the state average of 15.4 percent and the national average of 12 percent.

Upon further review of this segment, the most probable reason for this increase is a senior citizen's personal care home and some low-income housing in the area. Both are located within 2000 feet of US 431. Due to the distance between US 431 and these housing areas, it is doubtful they will be disproportionately affected by the project.

6.3 STUDY FINDINGS / POPULATION BY AGE GROUP (Figures 6.3 and 8.1)

6.3.1 Muhlenberg County Phase II: North of the WK Parkway

The previously defined Phase II study area of Muhlenberg County encompasses Census Tract 9602. Half of the block groups in the study area contain elderly populations that are higher than the county, State and national averages.

Tract 9602 has an elderly population of 15.2 percent. The elderly population of the county, state, and nation is 15.5 percent, 12.5 percent and 12.4 percent, respectively.

Figure 6.3 displays that Block Group 6 in Tract 9602 has the highest percentage of elderly population with 21.0 percent or 275 elderly residents. The high percentage of elderly residents in this block group is due largely to the Sparks Nursing Home being located in the block group, the location of which is indicated in *Figure 11.1, Environmental Justice Target Populations in Muhlenberg County, Kentucky*. Block Group 4 has the second highest percentage with 18.7 percent. This high percentage is largely due to the Courtyard Apartments that are located in this Block Group. The Courtyard Apartments are comprised mostly of elderly residents, and its location is also indicated in *Figure 11.1, Environmental Justice Target Populations in Muhlenberg County, Kentucky*. It must be noted that only a small portion of these Block Groups are in the project area. Block Groups 6 and 4 are located in Central City, Kentucky.

Block Group 3 and 5 of Tract 9602 have an elderly population of 15.6 percent and 14.2 percent, respectively. This is close to the county average of 15.5 percent, but is higher than the state and national percentages. Block Group 4 and 6 are also located in Central City.

Discussion with local officials and community members resulted in the conclusion that additional concentrations of persons age 65 and over are not located in the project area. It is believed that the implementation of this project would not disproportionately effect the population of persons age 65 and over residing in the proposed study area.

6.3.2 McLean County

The defined study area within McLean County encompasses portions of Census Tracts 9701 and 9704. The percentage of people age 65 and over in McLean County and Tract 9701 is slightly higher than the state and national averages of 12.5 percent and 12.4 percent, respectively. (Figure 6.3) The county average is 14.5 percent, and Tract 9701's average is 14.8 percent. These numbers are not overly significant, but local officials were consulted to determine where these people are located and whether or not the US 431 Project would affect them.

The elevated elderly population for Tract 9701 in Livermore is attributed to two senior citizens homes in the city. In addition, many elderly, disabled, and low-income individuals live in the area around Sixth Street, which is within the environmental footprint.

An additional review of population by age data within affected census divisions was conducted to determine if particular concentrations of elderly people exist in the project area; none were found. It is believed that this project would not disproportionately effect the population of persons age 65 and over residing in the proposed study area.

6.3.3 Daviess County

Aging characteristics in the overall population of Daviess County are very similar to the national and state averages; however, there is one block group that has a higher percentage of persons age 65 and over than the national, state, and county averages – Block Group 4 in Tract 17.01. The national average is 12.4 percent, the state average is 12.5 percent, and this block group's average is 18.9 percent. (Figure 6.3)

Upon further review of this segment, the most probable reason for this higher percentage is a senior citizen's personal care home in the area. It is located within 2000 feet of US 431. The US 431 project would probably not disproportionately affect this group.

6.4 STUDY FINDINGS / POPULATION BY DISABILITY (Figure 6.4)

6.4.1 Muhlenberg County Phase II: North of the WK Parkway

The previously defined Phase II study area of Muhlenberg County encompasses Census Tract 9602. All of the block groups in the study area contain populations of persons with a disability which are greater than the national average of 17.7 percent, except for Block Group 2, which has 13.2 percent. Three block groups in the

study area have a higher percentage of persons with a disability than the state average of 21.6 percent. These are Block Groups 3, 4, and 7 of Tract 9602, which have respective percentages of 25.9, 37.4, and 23.8.

Discussions with local officials indicated that there were no concentrations of disabled persons in BG 4. Given this discrepancy, ADD staff recommends further study of this tract as a whole.

All of the other block groups in the study area are either relatively equal to the Muhlenberg County average or less than the county average for populations of persons with a disability. Discussions with local officials and community members resulted in the conclusion that additional concentrations of persons with disabilities are not located in the project area. It is believed that the implementation of this project would not disproportionately effect the population of persons with disabilities residing in the proposed study area.

6.4.2 McLean County

Both tracts in McLean County that are within the project area have elevated percentages of persons with disabilities. The state and national averages are 21.6 percent and 17.7 percent, respectively. McLean County as a whole has a percentage of 24.2, Tract 9701's percentage is 22.9, its Block Group 1 is 24.9 percent, and Tract 9704's population is 26.5 percent disabled.

These numbers are hard to attribute to any one population or concentration, aside from residents of the cities of Livermore and Island. There are several areas in Livermore that are home to elderly, low-income, and minority groups. Many of these elderly may be disabled as well. Discussions with local leaders did not indicate a concentration of disabled persons in any area of the US 431 Study environmental footprint. Further study is recommended.

6.4.3 Daviess County

The previously defined Phase II study area of Daviess County encompasses Census Tracts 17.01, 17.02, and 17.03. Disabled characteristics in the overall population of Daviess County are very similar to the national and state averages; however, there is one block group that has a higher percentage of disabled persons than the national, state, and county averages – Block Group 4 in Tract 17.01. The national average is 17.7 percent, the state average is 21.6 percent, and this block group's average is 27.1 percent. (Figure 6.4)

Upon further review of this segment, the most probable reason for BG 4's higher percentage is a senior citizen's personal care home and some low-income housing in the area. Both are located within 2000 feet of US 431, but not on the road. Due to the distance between US 431 and these housing areas, it is doubtful they will be disproportionately affected by the project.

6.5 CONCLUSION

6.5.1 Muhlenberg County Phase II: North of the WK Parkway

Based on data obtained from the US Census Bureau for income, race, age, persons with disabilities, and discussions with local officials and field observations, there appear to be several small concentrations of populations by race, age, and low-income in the Phase II study area of Muhlenberg County, which is north of

the WK Parkway. There also does not appear to be any religious group like the Amish or Mennonites that are in this portion of the study area.

An analysis of the minority population data showed a few of the block groups as having a relatively higher percentage of a black population. The somewhat higher black populations in the study area are indicated on *Figure 11.1, Environmental Justice Target Populations in Muhlenberg County, Kentucky*. The Green River Prison complex is the main factor contributing to the high black population in Census Tract 9602. However, there is a small African American neighborhood in Block Group 5 of Tract 9602 that is contiguous to the western edge of the US 431 project area.

The elevated percentages in the populations below the poverty level might be indicative of concentrations throughout the study area. However, based on the economic status of these rural depressed counties, these higher than average percentages for poverty levels are not uncommon for this area.

An analysis of the elderly population data showed two(2) Block Groups with a relatively high elderly population in the study area. The two (2) nursing homes and one (1) elderly apartment complex in the study area are deemed to be the source of these increased populations. The locations of these facilities in the study area are indicated on *Figure 11.1, Environmental Justice Target Populations in Muhlenberg County, Kentucky*.

There do not appear to be any concentrations of disabled persons. All but three of the block groups were at, or below, the county, state and national averages.

The Pennyrile ADD Staff feels that the possibility of adversely impacting any population group targeted by the E.J. Study would be very remote. However, the Pennyrile ADD Staff recommends that the data be reviewed again once the proposed improvements of US 431 are more advanced.

6.5.2 McLean County

Based on data obtained from the US Census Bureau for income, race, age, persons with disabilities, and discussions with local officials and field observations, there appear to be few concentrations of populations by race, age, low-income, or disabled in the US 431 project study area of McLean County. There also does not appear to be any religious group like the Amish or Mennonites that are in this portion of the study area.

There are several locations in the McLean County environmental footprint that are of significance. In Livermore, there is one cemetery and three parks. In Island, there is one church, one school, and one park.

6.5.3 Daviess County

Based on data obtained from the US Census Bureau for income, race, age, persons with disabilities, and discussions with local officials and field observations, there appear to be few concentrations of populations by race, age, low-income, or disabled in the US 431 project study area of McLean County. There also does not appear to be any religious group like the Amish or Mennonites that are in this portion of the study area. The only area that could bring cause for additional study in Daviess County is Tract 17.01, Block Group 4. It has consistently elevated percentages of minority, low-income, elderly, and disabled persons.

There are several locations in the Daviess County environmental footprint that are of significance. There are four churches, one cemetery, and one school along the project route. Within the Owensboro city limits, there are several large shopping centers – centers of common employment.

APPENDIX 1

Identification of Community Leaders and Other Contacts

LOGAN COUNTY

TITLE	NAME	ADDRESS	PHONE NUMBER
County Judge/Executive	John Guion	PO Box 365, KY 42765	726-3116
Magistrates	Clem Carter	189 Concord Road, 42765	539-2600 (H)
	Harold Prince	704 Barren Plains Rd., Adairville, KY 42202	726-4101 (H)
	Curtis Wilkins	1518 Highland Lick Rd, KY 42765	726-2980 (H)
	Ranny Adler	245 Diamond D Springs Station Rd, KY 42765	657-8290
	Josephine Orange	1792 Sycamore Rd., KY 42765	542-6647 (H)
	Harris Dockins	217 Circle Dr., KY 42765	726-7267 (H)
Fiscal Court Clerk	Amanda Jenkins	PO Box 365, KY 42765	726-3116
Deputy Judge/Financial Officer	Karen Taylor	PO Box 365, KY 42765	726-3116
County Attorney	Tom Noe	PO Box 365, KY 42765	726-8999
County Court Clerk	Kenny Chapman	PO Box 365, KY 42765	726-6061
Sheriff	Wallace Whittaker	PO Box 113, KY 42765	726-2244
Jailer	Bill Jenkins	304 West Third St., KY 42765	726-3696
Coroner	Jackie Dunlap	PO Box 365, KY 42765	726-3003 (H)
County Treasurer	Elaine Jenkins	PO Box 365, KY 42765	726-2167
PVA	Ben Brown	PO Box 307, KY 42765	726-8334
Logan Co. Econ. Dev. Council	Jay Slayton	116 S. Main Street, KY 42276	791-7237
Road Supervisor	Terry Edwards	PO Box 365, KY 42765	726-7480
Supt. Of Schools	Marshall H. Kemp	PO Box 417, KY 42276	726-2436
Planning/Zoning Dir.	Bill Pearson	168 S. Main Street, KY 42276	726-5022
Emergency Mgmt.	Rodney Harkleroad	459 Homer Inesco Road, KY 42276	726-5044 (H)
Building Inspector	Vacant	PO Box 365, KY 42765	762-3523
Solid Waste Director	Denny Harris	PO Box 365, KY 42765	762-7220
Circuit Judge	Tyler Gill	Courthouse, KY 42765	726-2242
Commonwealth Atty.	Charles Orange		726-4300
State Senator	Brett Guthrie	1005 Wrenwood Dr., Bowling Green, KY 42103	781-5597
State Representatives	Sheldon Baugh	252 West Valley Dr., KY 42276	726-2712
Newspaper	Randy Fuqua	PO Box 270, KY 42276	726-8394
Radio Station	WRUS-WBVR	PO Box 298, KY 42276	726-2471
Public Library	Linda Kompanik	201 West 6th St., KY 42765	726-6129

LOGAN COUNTY

City of Adairville

TITLE	NAME	ADDRESS	PHONE NUMBER
Mayor	William Steen	PO Box 185, Adairville, KY 42202	539-6131
City Council	Danny Finch	PO Box 104, Adairville, KY 42202	539-7551
	Bernice Dickerson	PO Box 44, Adairville, KY 42202	539-8501 (H)
	Teddy Smith	137 Franklin Hills Dr., Adairville, KY 42202	539-4406 (H)
	Judy Tanner	147 Franklin Hills Dr., Adairville, KY 42202	539-5044
	Donna Blake	PO Box 214, Adairville, KY 42202	539-4341 (H)
	Tony Nichols	PO Box 39, Adairville, KY 42202	539-3486
City Clerk/Treasurer	Rebecca Tinch	PO Box 185, Adairville, KY 42202	539-6131
City Attorney	James Milam	101 SW Park Square, Russellville, KY 42765	726-3145
Fire Chief	James Trimble	PO Box 185, Adairville, KY 42202	539-6131
Police Chief	Jimmy Phelps	PO Box 185, Adairville, KY 42202	539-6131
Water/Sewer Super.	Russell S. Law	PO Box 185, Adairville, KY 42202	539-8661
Cemetery Sexton	Sean Willeford	PO Box 185, Adairville, KY 42202	539-6152 (H)
Adairville/South Logan Chamber of Comm.		PO Box 185, Adairville, KY 42202	539-6131

LOGAN COUNTY

City of Lewisburg

TITLE	NAME	ADDRESS	PHONE NUMBER
Mayor	Kenneth Whitson	PO Box 239, Lewisburg, KY 42256	755-4828
City Council	Joan Tooley	225 S. Main Street, Lewisburg, KY 42256	755-4636
	Donnie Smith	338 6th Street, Lewisburg, KY 42256	755-2891(H)
	Jeffery Laster	191 Churchn Street, Lewisburg, KY 42256	755-2516
	Diane Rainwater	248 S. Main Street, Lewisburg, KY 42256	755-2544
	Dean Webster	310 N. 2nd Street, Lewisburg, KY 42256	755-3277
	Hope Strode	166 Browning Street, Lewisburg, KY 42256	
City Clerk/Treasurer	Angela Swinney	PO Box 239, Lewisburg, KY 42256	755-4828
City Attorney	Fred Green	PO Box 490, Russellville, KY 42765	726-3149
Public Works	Jeff Cisney	PO Box 239, Lewisburg, KY 42256	755-4640
Fire Chief	Alan Gregory	PO Box 239, Lewisburg, KY 42256	755-2121
Police Chief	Alan Alsup	PO Box 239, Lewisburg, KY 42256	755-4805

LOGAN COUNTY

City of Russellville

TITLE	NAME	ADDRESS	PHONE NUMBER
Mayor	Shirlee Yassney	106 Southwest Park, Russellville, KY 42276	726-5000
City Council	Pat Bell	607 Sycamore Dirve, Russellville, KY 42276	726-2662
	Howard Wren	210 Dale View Circle, Russellville, KY 42276	726-3607
	Jean Hankins	1004 Brookhaven Dr., Russellville, KY 42276	726-6912
	Russell Jones	1496 Orndoff St, Russellville, KY 42276	726-2742
	Kenneth Barrett	930 Oak Lane, Russellville, KY 42276	726-3252
	Marie Sweat	714 West 7th St., Russellville, KY 42276	726-3794
City Clerk/Treasurer	Vacant	106 Southwest Park, Russellville, KY 42276	726-5007
City Attorney	Robert Hedges	106 Southwest Park, Russellville, KY 42276	726-5021
City Engineer	Vacant	607 Sycamore Dirve, Russellville, KY 42276	
Street Supervisor	Darrell Baldwin	106 Southwest Park, Russellville, KY 42276	726-5030
Fire Chief	J. L. Williamson	West 5th Street, Russellville, KY 42276	726-5021
Police Chief	James Pendergraff	106 Southwest Park, Russellville, KY 42276	726-5010
Building Inspector/Zoning Admin.	Bill Pierson	168 S. Main St., Russellville, KY 42276	726-5022
Sewer Superintendent & Utilities Director	Jane Kisselbaugh	106 Southwest Park, Russellville, KY 42276	726-5037
Water Super.	Ace Danes	106 Southwest Park, Russellville, KY 42276	726-5026
Cemetery Sexton	Donnie Warren	106 Southwest Park, Russellville, KY 42276	726-5036
Parks Director	Cathy Maroney	106 Southwest Park, Russellville, KY 42276	726-5033
Russellville Chamber of Commerce	Edna Hughes, Pres.	166 S. Main St., Russellville, KY 42276	726-2237
School Superintendent	Donna Preston	355 South Summer St., Russellville, KY 42276	726-8405

LOGAN COUNTY – Individuals Who Were Contacted for Information

TITLE	NAME	ADDRESS	PHONE NUMBER
County Judge/Executive	John Guion	PO Box 365, Russellville, KY 42765	726-3116
Mayor	Shirlee Yassney	106 Southwest Park, Russellville, KY 42276	726-5000
Building Inspector	Bill Pearson	168 S. Main St., Russellville, KY 42276	726-5022
Mayor	William Steen	PO Box 185, Adairville, KY 42202	539-6131
Mayor	Kenneth Whitson	PO Box 239, Lewisburg, KY 42256	755-4828
Branch Mgt. Planning	Jeff Moore, AICP	PO Box 599, Bowling Green, KY 42102	746-7898
	Bill Kimbro		726-0318
	Bill Decker	168 South Main St., Russellville, KY	726-5059
Retired Crt. Ct. Judge	Bill Steen	189 E. 4th Street, Russellville, KY 42276	726-4333
Plant Manager, Emerson Electric	Dan Brown	150 Emerson Bypass, Russellville, KY 42276	726-0302
	Jim Thompson	146 Nature Drive, Russellville, KY 42276	726-2436
Mgr. Ventra Plastic	Ron Barbe	140 Progress Dr., Russellville, KY 42276	726-4767
Transportation Planner	Kyle Key	PO Box 90005, Bowling Green, KY 42102-9005	781-2381
Russellville-Logan Co. Chamber Commerce Director	Martha Lane Wells	102 NW Park Sq., Russellville, KY 42276	726-2451
Russellville-Logan Airport Board Member	Gary Hendricks	1269 Jim Squires Rd., Russellville, KY 42276	726-9575
Ex. Dir. Russellville-Logan Co. Chamber of Commerce	Paula Timberlake	116 So. Main St., Russellville, KY 42276	726-9575
Magistrate	Josephine Orange	1792 Sycamore Rd., Russellville, KY 42765	542-6647 (H)
Magistrate	Curtis Wilkins	1518 Highland Lick Rd, Russellville, KY 42765	726-2980 (H)

MUHLENBERG COUNTY

TITLE	NAME	ADDRESS	PHONE #
County Judge/Executive	Rodney Kirtley	PO Box 137, Greenville, 42345	338-2520
Mayor – Central City	Hugh Sweatt	203 N Second St, Central City, 42330	754-5097
Mayor – Drakesboro	Jesse Gibson	PO Box 37, Drakesboro, 42337	476-8986
Mayor – Greenville	Billie Lewis	PO Box 289, Greenville, 42345	338-3966
KY State Representative	Brent Yonts	PO Box 370, Greenville, 42345	338-0816
Greenville City Clerk	Harold Summer	PO Box 283, Greenville, 42345	338-3966

MCLEAN COUNTY

TITLE	NAME	ADDRESS	PHONE #
County Judge/Executive	Larry B. Whitaker	PO Box 127, Calhoun 42327-0127	273-3213
County Magistrates	Ron Coleman Marshall Hatfield Bobby Johnson Robert A. Jennings, Jr.	PO Box 32, Calhoun 42327-0032 524 Hatfield Stevens Rd., Calhoun 6760 St. Rt. 85 E., Island 42350 145 Chestnut St., Sacramento 42372	273-5319 733-4203 486-3404 736-5180
County Attorney	W.E. (Bill) Quisenberry	PO Box 262, Calhoun 42327-0262	273-3237
County Clerk	Linda Johnson	PO Box 57, Calhoun 42327-0057	273-3082
Sheriff	Frank Cox	7610 Richland Rd., Calhoun 42327	273-3276
Jailer	Mike “Red” Sallee	150 Wilson Lane, Calhoun 42327	273-5920
Coroner	Mike Muster	PO Box 160, Calhoun 42327-0160	273-3124
Treasurer	Sherry Boyken	PO Box 127, Calhoun 42327-0127	273-9964
Finance Officer	Betty Ray	PO Box 127, Calhoun 42327-0127	273-3213
PVA	Shelia Fulkerson	PO Box 246, Calhoun 42327-0246	273-3291
Ec. Dev. Director	Sandra Wood	2500 E. Hwy. 85, Island 42350	736-2823
Road Eng./Supervisor	Danie O’Neal	PO Box 127, Calhoun 42327-0127	273-5307
Supt. Of Schools	Earl Melloy	PO Box 245, Calhoun 42327-0245	273-5257
Planning/Zoning Dir.	George Seymour	4500 KY Hwy. 138 E., Island 42350	273-3523
Emergency Mgmt.	David A. Sunn	PO Box 245, Calhoun 42327	273-3235
Health Officer	Amanda Kraus	310 W. Seventh St., Calhoun 42327	273-3062
Housing Inspector	Ellis W. Rust	45 KY 85 East, Sacramento 42372	736-2240
Circuit Judges	David Jernigan	PO Box 567, Greenville 42345	338-5930
Circuit Clerk	Stephanie King	PO Box 145, Calhoun 42327-0145	273-3966
Commonwealth Atty.	Ralph Vick	PO Box 567, Greenville 42345	
State Senator	Senator David Boswell (8)	5591 Panther Creek Park Drive, Owensboro 42301-9310	926-8000
State Representatives	Rep. Jim Gooch, Jr. (12)	210 Bradley Street, Providence 42450	667-9900
Chamber of Commerce	David M. Scott	PO Box 303, Calhoun 42327-0303	273-9760
Sr. Citizens Ctr. Dir.	Judy Brawner	PO Box 344, Calhoun 42327-0344	273-5412
Newspaper	McLean Co. News	PO Box 266, Calhoun 42327-0266	273-3287

MCLEAN COUNTY

City of Island

TITLE	NAME	ADDRESS	PHONE #
Mayor	Charlie Strole	145 N. Washington St., Island 42350	486-3992
City Commissioners	Ernest Bates, Jr. Sherman Fulkerson Frank Conrad Marilyn Cessna	210 Meadowview Road, Island PO Box 6, Island 42350-0006 140 E. Main, Island 42350 PO Box 121, Island 42350-0121	486-2168
City Clerk	Valaire Edmonds	PO Box 33, Island 42350-0033	486-3992
Assistant City Clerk	Janet Hughes	PO Box 132, Island 42350-0033	486-3992
City Attorney	John Hicks	PO Box 64, Calhoun 42327-0064	273-5749
Fire Chief	Steve Burden	PO Box 172, Island 42350-0172	486-9304
Chamber	Linda Hardison	PO Box 303, Calhoun 42327-0303	

MCLEAN COUNTY

City of Livermore

TITLE	NAME	ADDRESS	PHONE #
Mayor	Eldon Eaton	816 Sandhill Rd., Livermore 42352	278-2168(h)
City Council Members	Ronald Coffman Wendell Nantz Delbert Puckett Shelly Ranburger, Jr. Nancy Wetzel Todd A. Zuehl	PO Box 183, Livermore 42352-0183 PO Box 95, Livermore 42352-0095 PO Box 414, Livermore 42352-0414 PO Box 402, Livermore 42352-0402 PO Box 398, Livermore 42352-0398 PO Box 678, Livermore 42352-0678	278-2103 278-2572 278-9021 278-2708 278-5903
City Clerk	Stacy Maddox	PO Box 279, Livermore 42352-0279	278-2113
Assistant City Clerk	Deanna Edmonds	PO Box 279, Livermore 42352-0279	
City Treasurer/Finance	Same as City Clerk		
City Attorney	John Hicks	Main Street, Calhoun 42327	273-5749
Police Chief	Gary Campbell	PO Box 279, Livermore 42352-0279	278-2113
Fire Chief	Charles Wells	PO Box 279, Livermore 42352-0279	278-2113
Chamber of Commerce	Linda Hardison	PO Box 303, Calhoun 42327-0303	273-9760
Supt. Of Schools	Earl Melloy	Main Street, Calhoun 42327	
Building Inspector	Ellis Wade Rust	Sacramento 42376	736-2240

DAVISS COUNTY

TITLE	NAME	ADDRESS	PHONE #
County Judge/Executive	Reid Haire	PO Box 1716, Owensboro 42302-1716	685-8424
County Commissioners	Michael Riney	PO Box 1716, Owensboro 42302	685-8424
	Bruce Kunze	PO Box 1716, Owensboro 42302	685-8424
	Jim Lambert	PO Box 1716, Owensboro 42302	685-8424
County Attorney	Robert Kirtley	212 St. Ann St. – Rm. 202, O'boro 42303	685-8442
County Clerk	Mike Libs	212 St. Ann St. – Rm. 104, O'boro 42303	685-8434
Sheriff	Keith Cain	212 St. Ann St., Owensboro 42303	685-8444
Jailer	David Osborne	212 St. Ann St., Owensboro 42303	
Coroner	Bob Howe	212 St. Ann St. – Rm. 205, O'boro 42303	685-8428
Fire Chief	Brent Hayden	2140 Airport Rd., Owensboro 42301	685-8440
Treasurer	Tony Sook	212 St. Ann St. – Rm. 202, O'boro 42303	685-8424
Finance Officer	Tony Sook	212 St. Ann St. – Rm. 202, O'boro 42303	685-8424
PVA	Ron Durbin	212 St. Ann St. – Rm. 101, O'boro 42303	685-8474
Ec. Dev. Director		227 West Fourth Street, Owensboro 42303	926-1860
Road Eng./Supervisor	Sinan Rayyan	2945 Leitchfield Rd., Owensboro 42303	685-8456
Planning/Zoning Dir.	Gary Noffsinger	PO Box 732, Owensboro 42302-0732	687-8650
Emergency Mgmt.	Richard Payne	212 St. Ann Street, Owensboro 42303	685-8448
Housing Inspector	Jeff Dame	212 St. Ann St. – Room 203, O'boro 42303	685-8458
Solid Waste Director	Joey Fischer (Robbie Hocker)	7772 Highway 815, Owensboro 42301	229-4484
Circuit Judges	Judge Tom Castlen	100 East Second St., Owensboro 42301	687-7728
	Judge Henry Griffin	100 East Second St., Owensboro 42301	687-7726
Circuit Clerk	Pat Hardesty	100 East Second St., Owensboro 42301	687-7220
Commonwealth Atty.	Jay Wethington	100 East Second St., Owensboro 42301	687-7451
State Senator	Senator David Boswell	5591 Panther Creek Park Dr., O'boro 42301	926-8000
State Representatives	Rep. Brian Crall (13)		
	Rep. Tommy Thompson (14)	3336 Bryant Court, Owensboro 42303 4460 Hwy. 142, Owensboro 42303	684-2324 684-3237
	Rep. John Arnold (7)	PO Box 124, Sturgis 42459-0124	333-4641
	Rep. Jim Gooch (12)	210 Bradley Street, Providence 42450-1716	667-9900
Chamber of Commerce	Eric J. Davis	PO Box 825, O'boro 42302-0825	926-1860
Sr. Citizens Ctr. Dir.	Nora Bilbro	1650 W. Second St., Owensboro 42301	685-0712
Newspaper	Messenger-Inquirer	1401 Frederica St., Owensboro 42301	926-0123
Radio Stations	WBKR 92.5 FM	3301 Frederica St., Owensboro 42301	683-1558
Public Library	O'boro-Daviess Co	450 Griffith Avenue, Owensboro 42301	684-0211

DAVIESS COUNTY

City of Owensboro

TITLE	NAME	ADDRESS	PHONE#
Mayor	Waymond Morris	PO Box 10003, Owensboro 42302	687-8560
City Commissioners	Al Mattingly Mimi Davis James Wood Charlie Castlen	All use the same address: PO Box 10003, Owensboro 42302-9003	
City Clerk	Carol Blake	PO Box 10003, Owensboro 42302	687-8553
City Manager	Bob Whitmer	PO Box 10003, Owensboro 42302	687-8552
City Treasurer/Finance Director	J.T. Fulkerson	PO Box 10003, Owensboro 42302	687-8524
City Attorney	David Fowler	PO Box 10003, Owensboro 42302	687-8554
Metro Planning Dir. (City Planner)	Gary Noffsinger	PO Box 732, Owensboro 42302-0732	687-8650
Police Chief	John Kazlauskas	222 E. Ninth St., Owensboro 42303	687-8830
Fire Chief	Fred Hina	512 West Ninth St., Owensboro 42301	687-8405
Chamber of Commerce		PO Box 825, Owensboro 42302-0825	926-1860
Supt. Of Schools	Dr. Larry Vick	1335 W. 11 th St., Owensboro 42301	686-1000
Assoc. Dir. – Building/Electrical	Jim Mischel	PO Box 10003, Owensboro 42302-9003	687-8661
Street Dept. Supervisor	Lee Alls	1410 West Fifth St., Owensboro 42301	687-8683
City Engineer	Marwan Rayan	PO Box 10003, Owensboro 42302	687-8643
Solid Waste Supervisor	Bill Parrish	1410 West Fifth St., Owensboro 42301	687-8760
Parks Director	Cyndi Sturgeon	PO Box 10003, Owensboro 42302	687-8706

APPENDIX 2

*METHODOLOGY
FOR ASSESSING POTENTIAL
ENVIRONMENTAL JUSTICE CONCERNS
FOR
KYTC PLANNING STUDIES*

Methodology for Assessing Potential Environmental Justice Concerns for KYTC Planning Studies

Updated: February 1, 2002

The demographics of the affected area should be defined using U.S. Census data (Census tracts and block groups) and the percentages for minorities, low-income, elderly, or disabled populations should be compared to those for the following:

- Other nearby Census tracts and block groups,
- The county as a whole,
- The entire state, and
- The United States.

Information from PVA offices, social service agencies, local health organizations, local public agencies, and community action agencies can be used to supplement the Census data. Specifically, we are interested in obtaining the following information:

- Identification of community leaders or other contacts who may be able to represent these population groups and through which coordination efforts can be made.
- Comparison of the Census tracts and block groups encompassing the project area to other nearby Census tracts and block groups, county, state, and United States percentages.
- Locations of specific or identified minority, low-income, elderly, or disabled population groups within or near the project area. This may require some field reviews and/or discussions with knowledgeable persons to identify locations of public housing, minority communities, ethnic communities, etc., to verify Census data or identify changes that may have occurred since the last Census. Examples would be changes due to new residential developments in the area or increases in Asian and/or Hispanic populations.
- Concentrations or communities that share a common religious, cultural, ethnic, or other background, e.g., Amish communities.
- Communities or neighborhoods that exhibit a high degree of community cohesion or interaction and the ability to mobilize community actions at the start of community involvement.
- Concentrations of common employment, religious centers, and/or educational institutions with members within walking distance of facilities.
- Potential effects, both positive and negative, of the project on the affected groups as compared to the non-target groups. This may include, but are not limited to:
 1. Access to services, employment or transportation.
 2. Displacement of persons, businesses, farms, or non-profit organizations.
 3. Disruption of community cohesion or vitality.
 4. Effects to human health and/or safety.
- Possible methods to minimize or avoid impacts on the target population groups.

Methodology for Assessing Potential Environmental Justice Concerns
for KYTC Planning Studies

Page 2

If percentages of these populations are elevated within the project area, it should be brought to the attention of the Division of Planning immediately so that coordination with affected populations may be conducted to determine the affected population's concerns and comments on the project. Also, with this effort, representatives of minority, elderly, low-income, or disabled populations should be identified so that, together, we can build a partnership for the region that may be incorporated into other projects. Also, we hope to build a Commonwealth-wide database of contacts. We are available to participate in any meetings with these affected populations or with their community leaders or representatives.

In identifying communities, agencies may consider as a community either a group of individuals living in geographic proximity to one another, or a geographically dispersed/transient set of individuals (such as migrant workers or Native Americans), where either type of group experiences common conditions of environmental exposure or effect. The selection of the appropriate unit of analysis may be a governing body's jurisdiction, a neighborhood, census tract, or other similar unit that is to be chosen so as not to artificially dilute or inflate the affected population. A target population also exists if there is (1) more than one minority or other group present and (2) the percentages, as calculated by aggregating all minority persons, exceed that of the general population or other appropriate unit of geographic analysis.

Maps should be included that show the Census tracts and block groups included in the analysis as well as the relation of the project area to those Census tracts and block groups.

APPENDIX 3

Phase I Census Data Sets

Phase I

Race Populations - By County & Tract

Figure 5.1a

COUNTIES	White	% of Total	Black	% of Total	Hispanic	% of Total	American Indian	% of Total	Asian	% of Total	Other	% of Total	Total Population
United States	194,552,774	69.1%	33,947,837	12.1%	35,305,818	12.5%	2,068,883	0.7%	10,123,169	3.6%	5,423,425	1.9%	281,421,906
Kentucky	3,608,013	89.3%	293,639	7.3%	59,939	1.5%	7,939	0.2%	29,368	0.7%	42,871	1.0%	4,041,769
Logan	23,922	90.7%	2,014	7.6%	288	1.1%	52	0.2%	44	0.2%	253	1.3%	26,573
Muhlenberg	29,836	94.2%	1,472	4.6%	232	0.7%	39	0.1%	40	0.1%	220	0.8%	31,839

TRACTS	White	% of Total	Black	% of Total	Hispanic	% of Total	American Indian	% of Total	Asian	% of Total	Other	% of Total	Total Population
United States	194,552,774	69.1%	33,947,837	12.1%	35,305,818	12.5%	2,068,883	0.7%	10,123,169	3.6%	5,423,425	1.9%	281,421,906
Kentucky	3,608,013	89.3%	293,639	7.3%	59,939	1.5%	7,939	0.2%	29,368	0.7%	42,871	1.0%	4,041,769
Logan	23,922	90.7%	2,014	7.6%	288	1.1%	52	0.2%	44	0.2%	253	1.3%	26,573
Tract 9602	3,794	98.9%	8	0.2%	19	0.5%	6	0.2%	3	0.1%	16	0.6%	3,846
Tract 9605	3,415	87.1%	417	10.6%	31	0.8%	10	0.3%	11	0.3%	57	1.7%	3,941
Tract 9606	2,695	88.5%	301	9.7%	73	2.4%	8	0.3%	0	0.0%	26	1.5%	3,103

TRACTS	White	% of Total	Black	% of Total	Hispanic	% of Total	American Indian	% of Total	Asian	% of Total	Other	% of Total	Total Population
United States	194,552,774	69.1%	33,947,837	12.1%	35,305,818	12.5%	2,068,883	0.7%	10,123,169	3.6%	5,423,425	1.9%	281,421,906
Kentucky	3,608,013	89.3%	293,639	7.3%	59,939	1.5%	7,939	0.2%	29,368	0.7%	42,871	1.0%	4,041,769
Muhlenberg	29,836	94.2%	1,472	4.6%	232	0.7%	39	0.1%	40	0.1%	220	0.8%	31,839
Tract 9601	889	92.5%	59	6.1%	6	0.6%	1	0.1%	1	0.1%	9	1.1%	965
Tract 9607	3,659	94.7%	151	4.0%	28	0.7%	7	0.2%	5	0.1%	36	1.0%	3,886
Tract 9608	2,007	98.1%	7	1.5%	31	0.3%	8	0.4%	1	0.1%	14	1.1%	2,068

Phase I

Race Populations - By Block Group

Figure 5.1b

LOGAN County BG	White	% of Total	Black	% of Total	Hispanic	% of Total	American Indian	% of Total	Asian	% of Total	Other	% of Total	Total Population
Tract 9602	3,794	98.9%	8	0.2%	19	0.5%	6	0.2%	3	0.1%	16	0.6%	3,846
Block 1	870	98.9%	5	0.6%	5	0.6%	0	0.0%	0	0.0%	4	0.6%	884
Block 2	835	98.6%	2	0.2%	9	1.1%	1	0.1%	1	0.1%	2	90.0%	850
Block 3	832	98.9%	0	0.0%	2	0.2%	3	0.4%	0	0.0%	6	0.7%	843
Block 4	1,257	99.2%	1	0.1%	3	0.2%	2	0.2%	2	0.2%	4	0.4%	1,269
Tract 9605	3,415	87.1%	417	10.6%	31	0.8%	10	0.3%	11	0.3%	57	1.7%	3,941
Block 1	1,636	82.8%	282	14.2%	10	0.5%	4	0.0%	8	0.4%	39	2.3%	1,979
Block 2	1,268	94.4%	58	4.4%	9	0.7%	1	0.1%	2	0.1%	8	1.0%	1,346
Block 3	511	84.9%	77	12.5%	12	1.9%	5	0.8%	1	0.2%	10	1.6%	616
Tract 9606	2,695	88.5%	301	9.7%	73	2.4%	8	0.3%	0	0.0%	26	1.5%	3,103
Block 1	1,019	87.4%	123	10.4%	30	2.5%	5	0.4%	0	0.0%	10	1.8%	1,187
Block 2	818	82.1%	162	15.9%	26	2.6%	3	0.3%	0	0.0%	8	1.7%	1,017

MUHLENBERG County BG	White	% of Total	Black	% of Total	Hispanic	% of Total	American Indian	% of Total	Asian	% of Total	Other	% of Total	Total Population
Tract 9601*	889	92.5%	59	6.1%	6	0.6%	1	0.1%	1	0.1%	9	1.1%	965
Block 1	889	92.5%	59	6.1%	6	0.6%	1	0.1%	1	0.1%	9	1.1%	965
Tract 9607	3,659	94.7%	151	4.0%	28	0.7%	7	0.2%	5	0.1%	36	1.0%	3,886
Block 1	671	98.2%	4	0.6%	4	0.6%	0	0.0%	5	0.7%	1	0.4%	685
Block 2	1,313	88.4%	142	9.8%	20	1.3%	3	0.2%	0	0.0%	25	1.7%	1,503
Block 3	787	98.0%	4	0.5%	2	0.2%	4	0.5%	0	0.0%	8	1.0%	805
Block 4	888	99.6%	1	0.1%	2	0.1%	0	0.0%	0	0.0%	2	0.3%	893
Tract 9608	2,007	98.1%	7	1.5%	31	0.3%	8	0.4%	1	0.1%	14	1.1%	2,068
Block 1	1,242	98.1%	2	0.2%	26	2.0%	8	0.6%	1	0.1%	6	1.0%	1,285
Block 2	765	98.1%	5	0.6%	5	0.6%	0	0.0%	0	0.0%	8	1.3%	783

*Muhlenberg County Tract 9601 consists of only one block group. The data listed for Tract 9601 and Tract 9601, Block Group 1 is identical because they cover the same geographical area.

PHASE I

Low-Income Populations

Figure 5.2

COUNTIES	Population Below Poverty Level	Percent of Population
United States	33,899,812	12.0%
Kentucky	621,096	15.4%
Logan	4,061	15.3%
Muhlenberg	6,002	18.9%

TRACTS	Population Below Poverty Level	Percent of Population
United States	33,899,812	12.0%
Kentucky	621,096	15.4%
Logan	4,061	15.3%
Tract 9602	750	19.5%
Tract 9605	461	11.7%
Tract 9606	348	11.2%

TRACTS	Population Below Poverty Level	Percent of Population
United States	33,899,812	12.0%
Kentucky	621,096	15.4%
Muhlenberg	6,002	18.9%
Tract 9601	286	29.6%
Tract 9607	859	22.1%
Tract 9608	507	24.5%

LOGAN County BG	Population Below Poverty Level	Percent of Population
Tract 9602	750	19.5%
Block 1	219	24.8%
Block 2	183	21.5%
Block 3	116	13.8%
Block 4	232	18.3%
Tract 9605	461	11.7%
Block 1	194	9.8%
Block 2	186	13.8%
Block 3	81	13.1%
Tract 9606	348	11.2%
Block 1	188	15.8%
Block 2	52	5.1%

MUHLENBERG County BG	Population Below Poverty Level	Percent of Population
Tract 9601*	286	29.6%
Block 1	286	29.6%
Tract 9607	859	22.1%
Block 1	71	10.4%
Block 2	416	27.7%
Block 3	284	35.3%
Block 4	88	9.9%
Tract 9608	507	24.5%
Block 1	410	31.9%
Block 2	97	12.4%

*Muhlenberg County Tract 9601 consists of only one block group. The data listed for Tract 9601 and Tract 9601, Block Group 1 is identical because they cover the same geographical area.

PHASE I

Elderly Populations

Figure 5.3

COUNTIES	Age 65 & Over	Percent of Population
United States	34,991,753	12.4%
Kentucky	504,793	12.5%
Logan	3,656	13.8%
Muhlenberg	4,926	15.5%

TRACTS	Age 65 & Over	Percent of Population
United States	34,991,753	12.4%
Kentucky	504,793	12.5%
Logan	3,656	13.8%
Tract 9602	543	14.1%
Tract 9605	580	14.7%
Tract 9606	420	13.5%

TRACTS	Age 65 & Over	Percent of Population
United States	34,991,753	12.4%
Kentucky	504,793	12.5%
Muhlenberg	4,926	15.5%
Tract 9601	120	12.4%
Tract 9607	487	12.5%
Tract 9608	326	15.8%

LOGAN County BG	Age 65 & Over	Percent of Population
Tract 9602	543	14.1%
Block 1	105	11.9%
Block 2	131	15.4%
Block 3	120	14.2%
Block 4	187	14.7%
Tract 9605	580	14.7%
Block 1	216	10.9%
Block 2	237	17.6%
Block 3	127	20.6%
Tract 9606	420	13.5%
Block 1	172	14.5%
Block 2	141	13.9%

MUHLENBERG County BG	Below Poverty Level	Percent of Population
Tract 9601*	120	12.4%
Block 1	120	12.4%
Tract 9607	487	12.5%
Block 1	102	14.9%
Block 2	183	12.2%
Block 3	99	12.3%
Block 4	103	11.5%
Tract 9608	326	15.8%
Block 1	192	14.9%
Block 2	134	17.1%

*Muhlenberg County Tract 9601 consists of only one block group. The data listed for Tract 9601 and Tract 9601, Block Group 1 is identical because they cover the same geographical area.

PHASE I

Disabled Populations

Figure 5.4

COUNTIES	Persons with One or More Disabilities	Percent of Population
United States	49,746,248	17.7%
Kentucky	874,156	21.6%
Logan	5,566	20.1%
Muhlenberg	7,553	23.7%

TRACTS	Persons with One or More Disabilities	Percent of Population
United States	49,746,248	17.7%
Kentucky	874,156	21.6%
Logan	5,566	20.1%
Tract 9602	896	23.3%
Tract 9605	714	18.1%
Tract 9606	628	20.2%

TRACTS	Persons with One or More Disabilities	Percent of Population
United States	49,746,248	17.7%
Kentucky	874,156	21.6%
Muhlenberg	7,553	23.7%
Tract 9601	271	28.1%
Tract 9607	1,105	28.4%
Tract 9608	516	24.9%

LOGAN County BG	Persons with One or More Disabilities	Percent of Population
Tract 9602	896	23.3%
Block 1	92	10.4%
Block 2	276	32.5%
Block 3	211	25.0%
Block 4	317	24.9%
Tract 9605	714	18.1%
Block 1	278	14.1%
Block 2	281	20.9%
Block 3	181	29.4%
Tract 9606	628	20.2%
Block 1	252	21.2%
Block 2	198	19.5%

MUHLENBERG County BG	Population Below Poverty Level	Percent of Population
Tract 9601*	271	28.1%
Block 1	271	28.1%
Tract 9607	1,105	28.4%
Block 1	231	33.7%
Block 2	441	29.3%
Block 3	222	27.6%
Block 4	211	23.6%
Tract 9608	516	24.9%
Block 1	287	13.9%
Block 2	229	29.2%

*Muhlenberg County Tract 9601 consists of only one block group. The data listed for Tract 9601 and Tract 9601, Block Group 1 is identical because they cover the same geographical area.

APPENDIX 4

Phase II Census Data Sets

Phase II

Race Populations - By County & Tract

Figure 6.1a

COUNTIES	White	% of Total	Black	% of Total	Hispanic	% of Total	American Indian	% of Total	Asian	% of Total	Other	% of Total	Total Population
United States	194,552,774	69.1%	33,947,837	12.1%	35,305,818	12.5%	2,068,883	0.7%	10,123,169	3.6%	5,423,425	1.9%	281,421,906
Kentucky	3,608,013	89.3%	293,639	7.3%	59,939	1.5%	7,939	0.2%	29,368	0.7%	42,871	1.0%	4,041,769
Muhlenberg	29,836	94.2%	1,472	4.6%	232	0.7%	39	0.1%	40	0.1%	220	0.8%	31,839
McLean	9,749	98.6%	36	0.4%	83	0.8%	15	0.2%	4	0.0%	51	0.8%	9,938
Daviess	85,302	93.7%	3,962	4.3%	845	0.9%	119	0.1%	374	0.4%	943	1.3%	91,545

TRACTS	White	% of Total	Black	% of Total	Hispanic	% of Total	American Indian	% of Total	Asian	% of Total	Other	% of Total	Total Population
United States	194,552,774	69.1%	33,947,837	12.1%	35,305,818	12.5%	2,068,883	0.7%	10,123,169	3.6%	5,423,425	1.9%	281,421,906
Kentucky	3,608,013	89.3%	293,639	7.3%	59,939	1.5%	7,939	0.2%	29,368	0.7%	42,871	1.0%	4,041,769
Muhlenberg	29,836	94.2%	1,472	4.6%	232	0.7%	39	0.1%	40	0.1%	220	0.8%	31,839
Tract 9602	7,131	90.5%	652	8.2%	53	0.7%	4	0.1%	16	0.2%	63	1.0%	7,919

TRACTS	White	% of Total	Black	% of Total	Hispanic	% of Total	American Indian	% of Total	Asian	% of Total	Other	% of Total	Total Population
United States	194,552,774	69.1%	33,947,837	12.1%	35,305,818	12.5%	2,068,883	0.7%	10,123,169	3.6%	5,423,425	1.9%	281,421,906
Kentucky	3,608,013	89.3%	293,639	7.3%	59,939	1.5%	7,939	0.2%	29,368	0.7%	42,871	1.0%	4,041,769
McLean	9,749	98.6%	36	0.4%	83	0.8%	15	0.2%	4	0.0%	51	0.8%	9,938
Tract 9701	3,081	98.6%	1	0.0%	37	1.2%	4	0.1%	1	0.0%	15	1.1%	3,139
Tract 9704	1,090	99.5%	0	0.0%	6	0.5%	1	0.1%	0	0.0%	4	0.4%	1,101

TRACTS	White	% of Total	Black	% of Total	Hispanic	% of Total	American Indian	% of Total	Asian	% of Total	Other	% of Total	Total Population
United States	194,552,774	69.1%	33,947,837	12.1%	35,305,818	12.5%	2,068,883	0.7%	10,123,169	3.6%	5,423,425	1.9%	281,421,906
Kentucky	3,608,013	89.3%	293,639	7.3%	59,939	1.5%	7,939	0.2%	29,368	0.7%	42,871	1.0%	4,041,769
Daviess	85,302	93.7%	3,962	4.3%	845	0.9%	119	0.1%	374	0.4%	943	1.3%	91,545
Tract 17.01	4,478	92.5%	201	4.1%	69	1.4%	3	0.1%	41	0.9%	85	2.5%	4,877
Tract 17.02	3,217	95.1%	78	2.3%	10	0.3%	2	0.1%	64	1.9%	18	0.6%	3,389
Tract 17.03	4,146	98.3%	34	0.8%	5	0.1%	10	0.2%	7	0.2%	22	0.5%	4,224

Phase II

Race Populations - By Block Group

Figure 6.1b

MUHLENBERG County BG	White	% of Total	Black	% of Total	Hispanic	% of Total	American Indian	% of Total	Asian	% of Total	Other	% of Total	Total Population
Tract 9602	7,131	90.5%	652	8.2%	53	0.7%	4	0.1%	16	0.2%	63	1.0%	7,919
Block 2	1,533	80.8%	344	18.1%	14	0.7%	1	0.1%	5	0.3%	8	0.8%	1,905
Block 3	777	92.8%	48	5.7%	6	0.7%	0	0.0%	1	0.1%	12	1.4%	844
Block 4	1,304	96.2%	35	2.6%	6	0.4%	0	0.0%	9	0.7%	4	0.5%	1,358
Block 5	816	83.6%	153	15.7%	1	0.1%	0	0.0%	0	0.0%	7	0.7%	977
Block 6	1,219	93.9%	59	4.5%	18	1.4%	2	0.2%	0	0.0%	11	1.5%	1,309
Block 7	963	97.5%	9	0.9%	8	0.8%	1	0.1%	1	0.1%	14	1.4%	996

McLEAN County BG	White	% of Total	Black	% of Total	Hispanic	% of Total	American Indian	% of Total	Asian	% of Total	Other	% of Total	Total Population
Tract 9701	3,081	98.6%	1	0.0%	37	1.2%	4	0.1%	1	0.0%	15	1.1%	3,139
Block 1	1,213	98.6%	0	0.0%	23	1.9%	2	0.0%	1	0.1%	2	1.1%	1,241
Block 2	754	98.1%	1	0.1%	7	0.9%	0	0.0%	0	0.0%	9	1.8%	771
Block 3	1,114	99.0%	0	0.0%	7	0.6%	2	0.2%	0	0.0%	4	0.8%	1,127
Tract 9704*	1,090	99.5%	0	0.0%	6	0.5%	1	0.1%	0	0.0%	4	0.4%	1,101
Block 1	1,090	99.5%	0	0.0%	6	0.5%	1	0.1%	0	0.0%	4	0.4%	1,101

DAVISS County BG	White	% of Total	Black	% of Total	Hispanic	% of Total	American Indian	% of Total	Asian	% of Total	Other	% of Total	Total Population
Tract 17.01	4,478	92.5%	201	4.1%	69	1.4%	3	0.1%	41	0.9%	85	2.5%	4,877
Block 2	1,145	92.1%	63	5.0%	20	1.6%	2	0.2%	2	0.2%	24	2.6%	1,256
Block 4	889	93.5%	24	2.5%	30	3.1%	0	0.0%	8	0.8%	11	3.3%	962
Tract 17.02	3,217	95.1%	78	2.3%	10	0.3%	2	0.1%	64	1.9%	18	0.6%	3,389
Block 2	1,350	93.0%	60	4.1%	4	0.3%	0	0.0%	37	2.5%	2	0.3%	1,453
Tract 17.03	4,146	98.3%	34	0.8%	5	0.1%	10	0.2%	7	0.2%	22	0.5%	4,224
Block 2	2,007	98.1%	24	1.2%	3	0.1%	4	0.2%	0	0.0%	10	0.5%	2,048
Block 3	1,000	97.7%	7	0.7%	0	0.0%	6	0.6%	7	0.7%	4	0.4%	1,024

*McLean County Tract 9704 consists of only one block group. The data listed for Tract 9704 and Tract 9704, Block Group 1 is identical because they cover the same geographical area.

PHASE II

Low-Income Populations

Figure 6.2

COUNTIES	Population Below Poverty Level	Percent of Population
United States	33,899,812	12.0%
Kentucky	621,096	15.4%
Muhlenberg	6,002	18.9%
McLean	1,562	15.7%
Daviess	11,024	12.0%

MUHLENBERG County BG	Population Below Poverty Level	Percent of Population
Tract 9602	1,429	18.0%
Block 2	228	12.0%
Block 3	271	32.1%
Block 4	260	19.1%
Block 5	101	10.3%
Block 6	208	15.9%
Block 7	220	22.1%

TRACTS	Population Below Poverty Level	Percent of Population
United States	33,899,812	12.0%
Kentucky	621,096	15.4%
Muhlenberg	6,002	18.9%
Tract 9602	1,429	18.0%

McLEAN County BG	Population Below Poverty Level	Percent of Population
Tract 9701	531	20.5%
Block 1	204	16.4%
Block 2	126	16.3%
Block 3	201	17.8%
Tract 9704*	165	15.0%
Block 1	165	15.0%

TRACTS	Population Below Poverty Level	Percent of Population
United States	33,899,812	12.0%
Kentucky	621,096	15.4%
McLean	1,562	15.7%
Tract 9701	531	20.5%
Tract 9704	165	15.0%

DAVIESS County BG	Population Below Poverty Level	Percent of Population
Tract 17.01	545	11.2%
Block 2	145	11.5%
Block 4	163	16.9%
Tract 17.02	154	4.5%
Block 2	45	3.1%
Tract 17.03	298	7.1%
Block 2	139	6.8%
Block 3	47	4.6%

TRACTS	Population Below Poverty Level	Percent of Population
United States	33,899,812	12.0%
Kentucky	621,096	15.4%
Daviess	11,024	12.0%
Tract 17.01	545	11.2%
Tract 17.02	154	4.5%
Tract 17.03	298	7.1%

*McLean County Tract 9704 consists of only one block group. The data listed for Tract 9704 and Tract 9704, Block Group 1 is identical because they cover the same geographical area.

PHASE II Elderly Populations

Figure 6.3

COUNTIES	Age 65 & Over	Percent of Population
United States	34,991,753	12.4%
Kentucky	504,793	12.5%
Muhlenberg	4,926	15.5%
McLean	1,438	14.5%
Daviess	12,643	13.8%

MUHLENBERG County BG	Age 65 & Over	Percent of Population
Tract 9602	1,205	15.2%
Block 2	215	11.3%
Block 3	132	15.6%
Block 4	254	18.7%
Block 5	139	14.2%
Block 6	275	21.0%
Block 7	117	11.7%

TRACTS	Age 65 & Over	Percent of Population
United States	34,991,753	12.4%
Kentucky	504,793	12.5%
Muhlenberg	4,926	15.5%
Tract 9602	1,205	15.2%

McLEAN County BG	Age 65 & Over	Percent of Population
Tract 9701	385	14.8%
Block 1	178	14.3%
Block 2	94	12.2%
Block 3	113	10.0%
Tract 9704*	136	12.4%
Block 1	136	12.4%

TRACTS	Age 65 & Over	Percent of Population
United States	34,991,753	12.4%
Kentucky	504,793	12.5%
McLean	1,438	14.5%
Tract 9701	385	14.8%
Tract 9704	136	12.4%

DAVIESS County BG	Age 65 & Over	Percent of Population
Tract 17.01	413	8.5%
Block 2	80	6.4%
Block 4	182	18.9%
Tract 17.02	373	11.0%
Block 2	188	12.9%
Tract 17.03	420	9.9%
Block 2	189	9.2%
Block 3	125	12.2%

TRACTS	Age 65 & Over	Percent of Population
United States	34,991,753	12.4%
Kentucky	504,793	12.5%
Daviess	12,643	13.8%
Tract 17.01	413	8.5%
Tract 17.02	373	11.0%
Tract 17.03	420	9.9%

*McLean County Tract 9704 consists of only one block group. The data listed for Tract 9704 and Tract 9704, Block Group 1 is identical because they cover the same geographical area.

PHASE II

Disabled Populations

Figure 6.4

COUNTIES	Persons with One or More Disabilities	Percent of Population
United States	49,746,248	17.7%
Kentucky	874,156	21.6%
Muhlenberg	7,553	23.7%
McLean	2,404	24.2%
Daviess	18,166	19.8%

MUHLENBERG County BG	Persons with One or More Disabilities	Percent of Population
Tract 9602	1,657	20.9%
Block 2	251	13.2%
Block 3	219	25.9%
Block 4	508	37.4%
Block 5	204	20.9%
Block 6	238	18.2%
Block 7	237	23.8%

TRACTS	Persons with One or More Disabilities	Percent of Population
United States	49,746,248	17.7%
Kentucky	874,156	21.6%
Muhlenberg	7,553	23.7%
Tract 9602	1,657	20.9%

McLEAN County BG	Persons with One or More Disabilities	Percent of Population
Tract 9701	721	22.9%
Block 1	310	24.9%
Block 2	159	20.6%
Block 3	252	22.4%
Tract 9704*	292	26.5%
Block 1	292	26.5%

TRACTS	Persons with One or More Disabilities	Percent of Population
United States	49,746,248	17.7%
Kentucky	874,156	21.6%
McLean	2,404	24.2%
Tract 9701	721	22.9%
Tract 9704	292	26.5%

DAVIESS County BG	Persons with One or More Disabilities	Percent of Population
Tract 17.01	894	18.3%
Block 2	264	21.0%
Block 4	261	27.1%
Tract 17.02	274	8.1%
Block 2	132	9.1%
Tract 17.03	755	17.9%
Block 2	304	14.8%
Block 3	196	19.1%

TRACTS	Persons with One or More Disabilities	Percent of Population
United States	49,746,248	17.7%
Kentucky	874,156	21.6%
Daviess	18,166	19.8%
Tract 17.01	894	18.3%
Tract 17.02	274	8.1%
Tract 17.03	755	17.9%

*McLean County Tract 9704 consists of only one block group. The data listed for Tract 9704 and Tract 9704, Block Group 1 is identical because they cover the same geographical area.

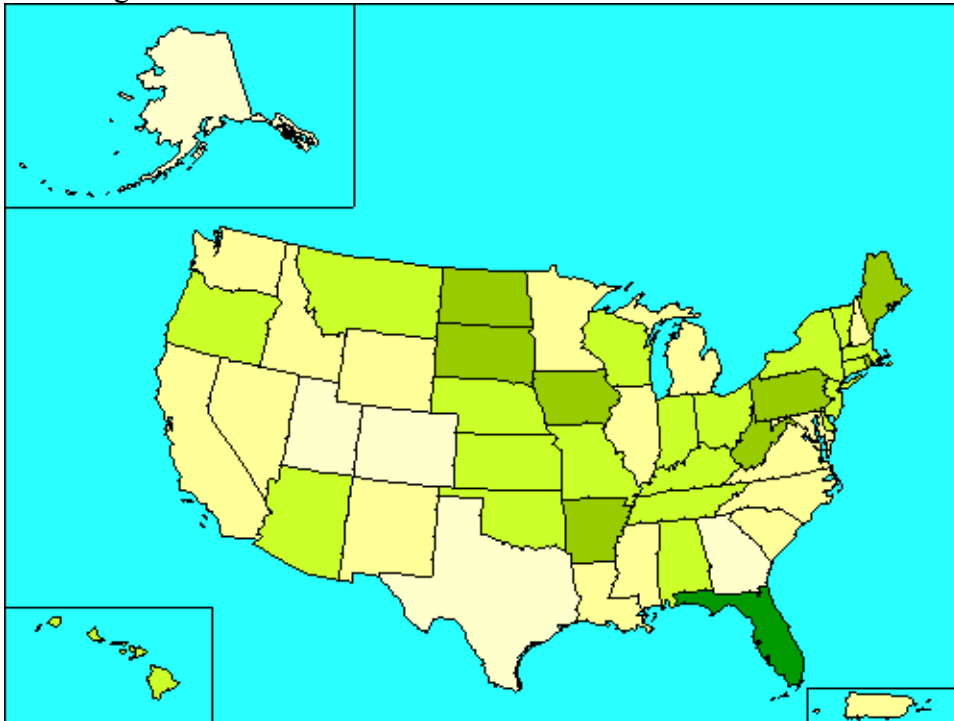
APPENDIX 5

Phase I Census Maps

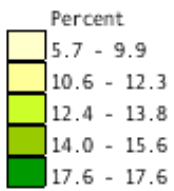
Phase I – Elderly Census Data

Figure 7.1

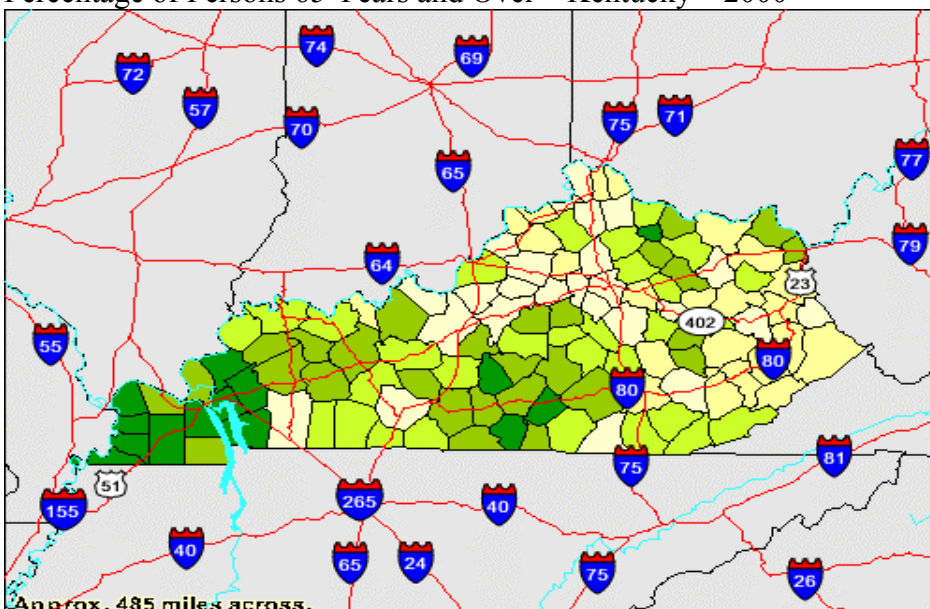
Percentage of Persons 65 Years and Over – US – 2000



Data Classes



Percentage of Persons 65 Years and Over – Kentucky – 2000



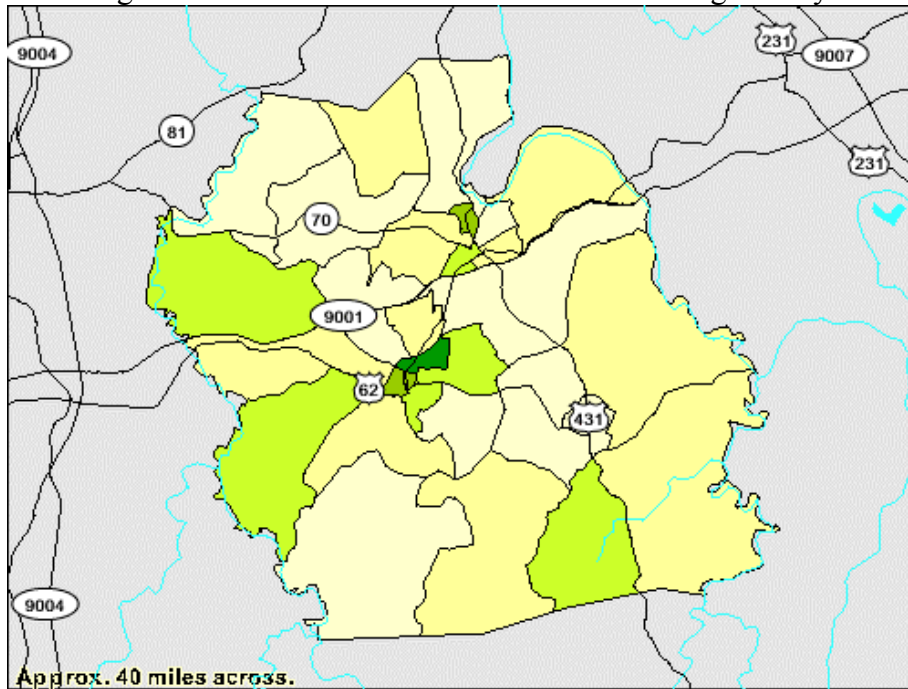
Approx. 485 miles across.

*Source: US Census Bureau website

Phase I – Elderly Census Data

Figure 7.1

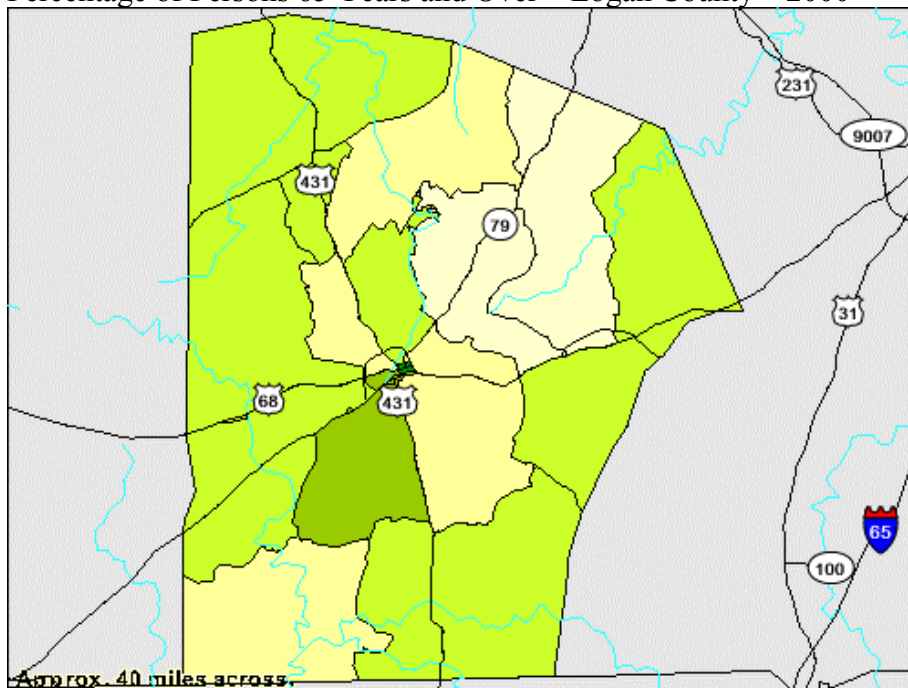
Percentage of Persons 65 Years and Over – Muhlenberg County – 2000



Data Classes

Percent
5.7 - 9.9
10.6 - 12.3
12.4 - 13.8
14.0 - 15.6
17.6 - 17.6

Percentage of Persons 65 Years and Over – Logan County – 2000

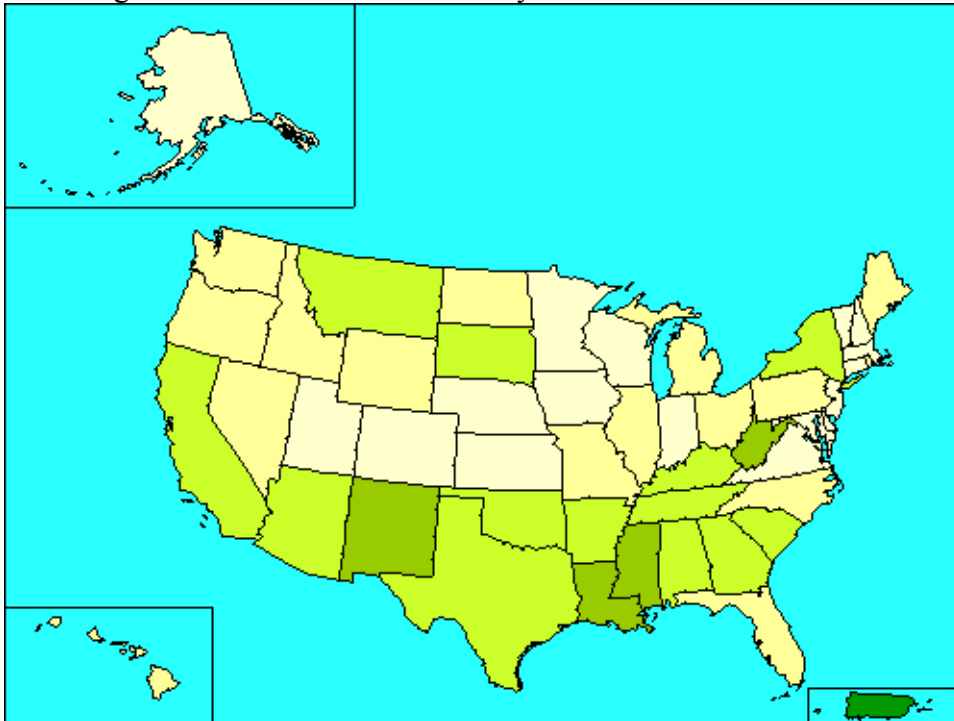


*Source: US Census Bureau website

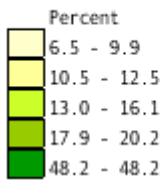
Phase I - Low-Income Census Data

Figure 7.2

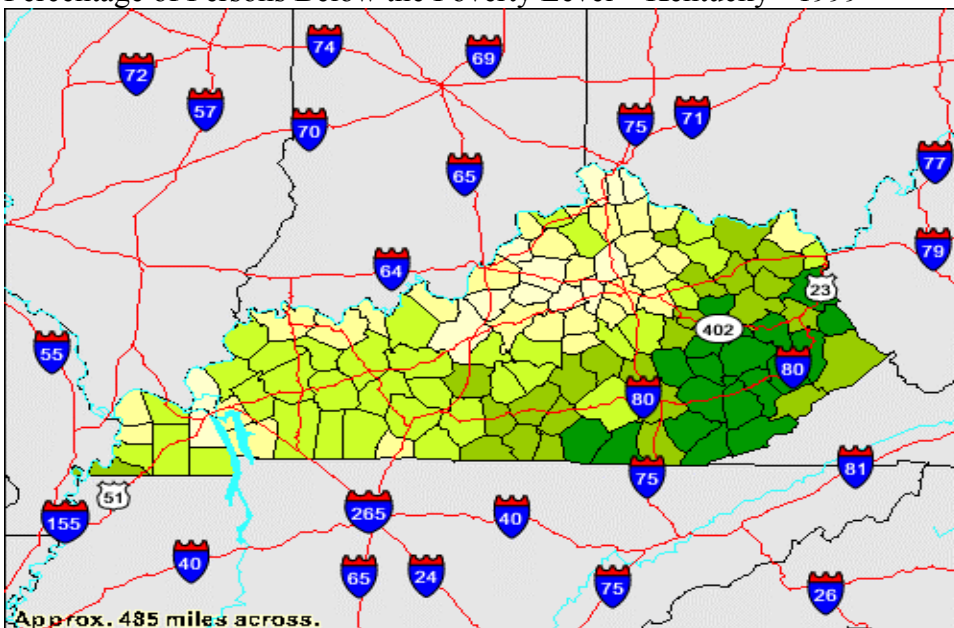
Percentage of Persons Below the Poverty Level – US - 1999



Data Classes



Percentage of Persons Below the Poverty Level – Kentucky - 1999

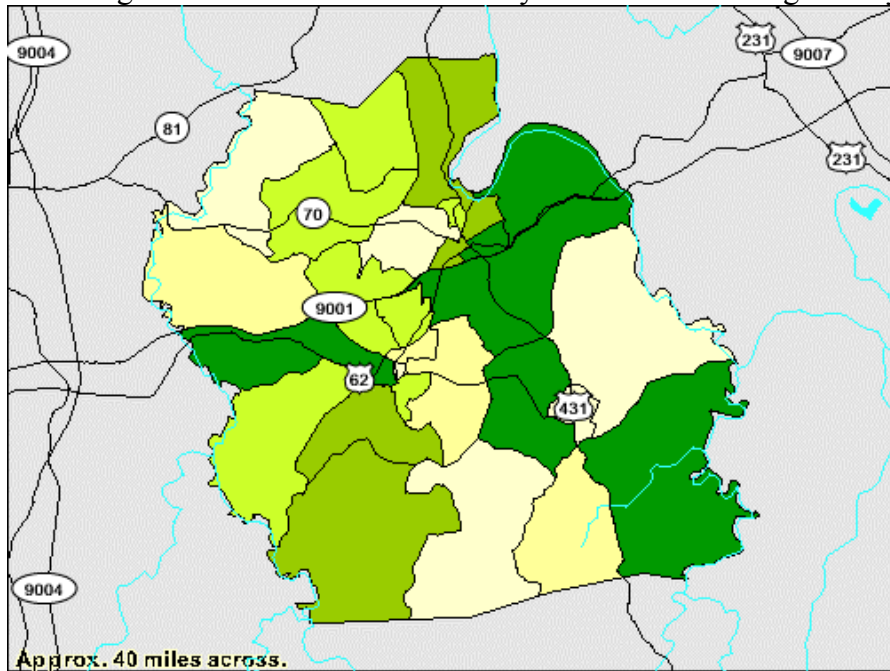


*Source: US Census Bureau website

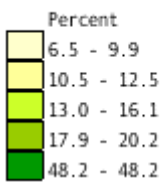
Phase I - Low-Income Census Data

Figure 7.2

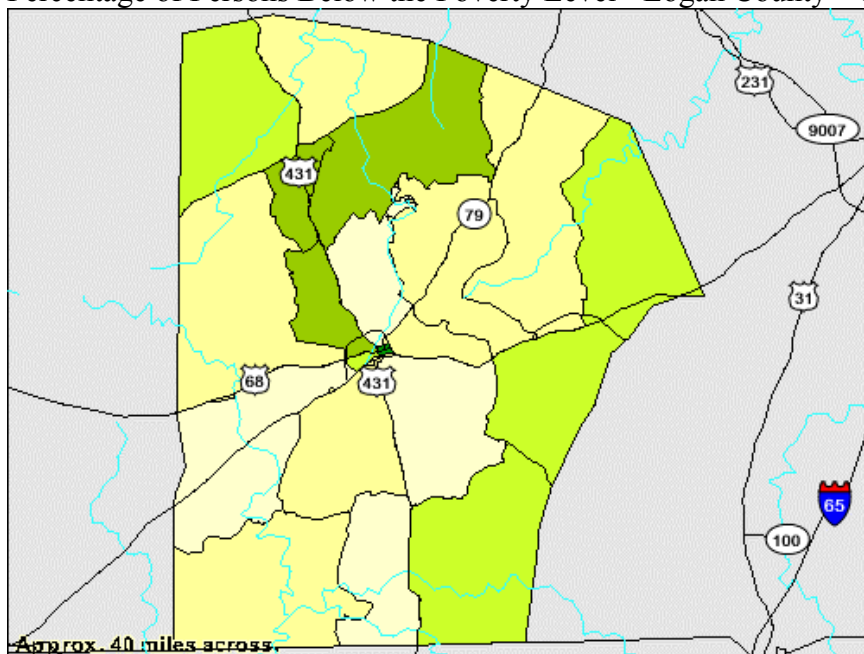
Percentage of Persons Below the Poverty Level - Muhlenberg County – 1999



Data Classes



Percentage of Persons Below the Poverty Level - Logan County – 1999



*Source: US Census Bureau website

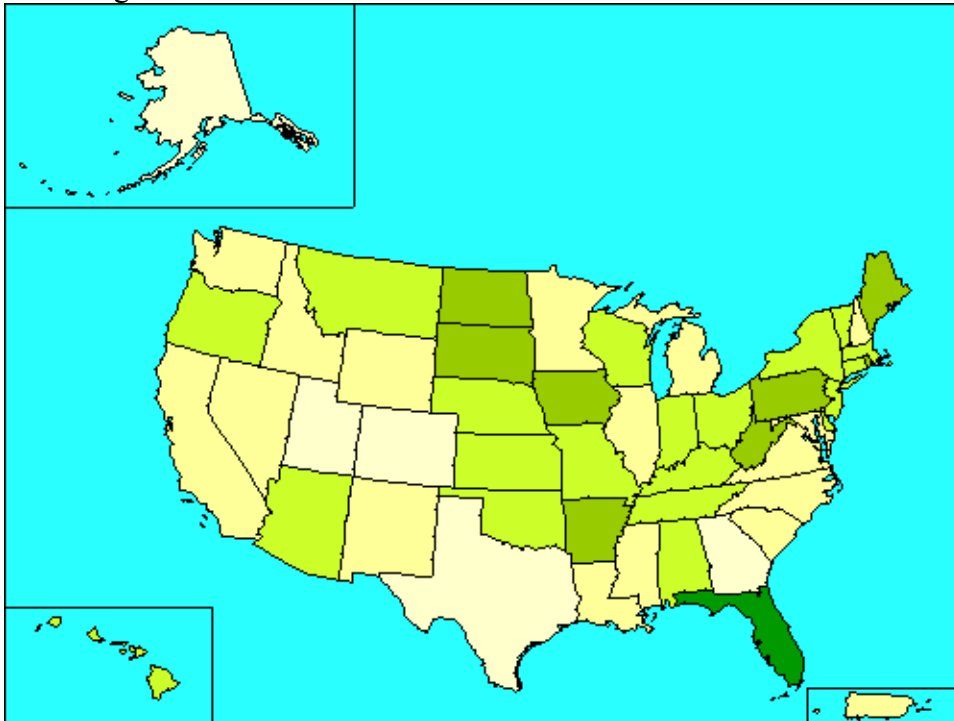
APPENDIX 6

Phase II Census Maps

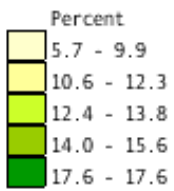
Phase II – Elderly Census Data

Figure 8.1

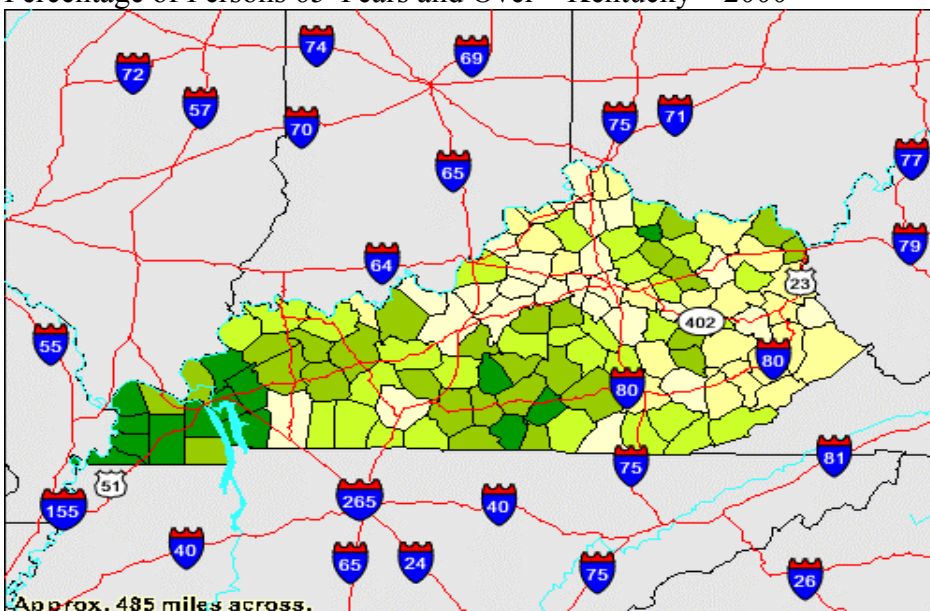
Percentage of Persons 65 Years and Over – US – 2000



Data Classes



Percentage of Persons 65 Years and Over – Kentucky – 2000

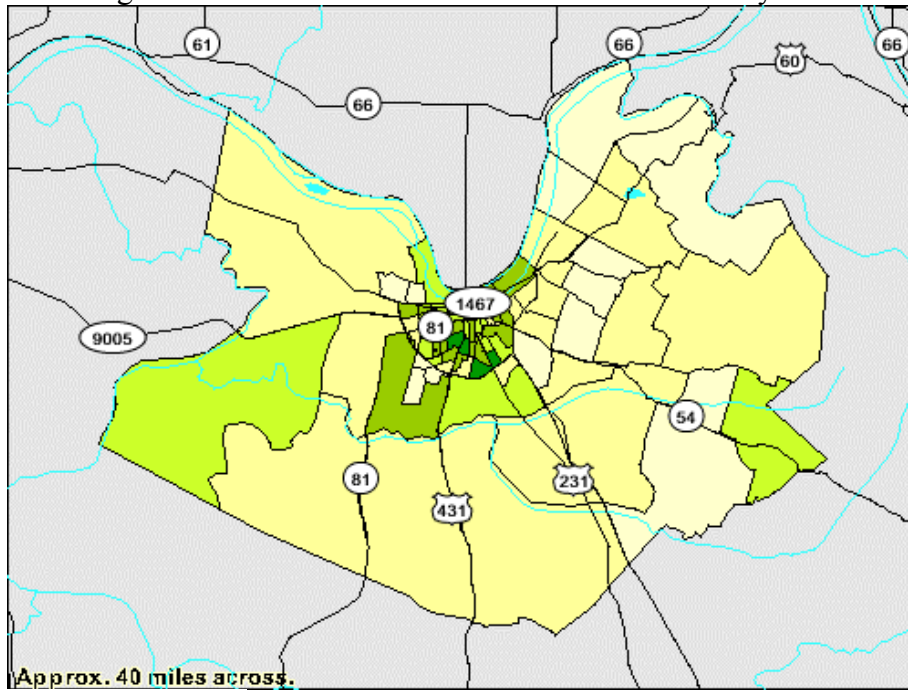


*Source: US Census Bureau website

Phase II – Elderly Census Data

Figure 8.1

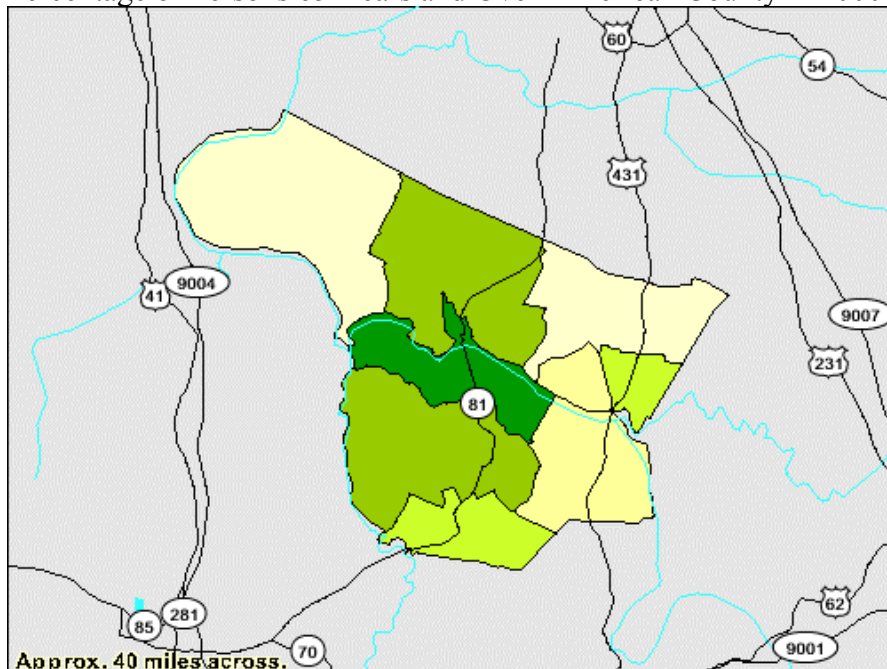
Percentage of Persons 65 Years and Over – Daviess County – 2000



Data Classes

Percent	
5.7 - 9.9	Lightest Yellow
10.6 - 12.3	Yellow
12.4 - 13.8	Light Green
14.0 - 15.6	Medium Green
17.6 - 17.6	Darkest Green

Percentage of Persons 65 Years and Over – McLean County – 2000

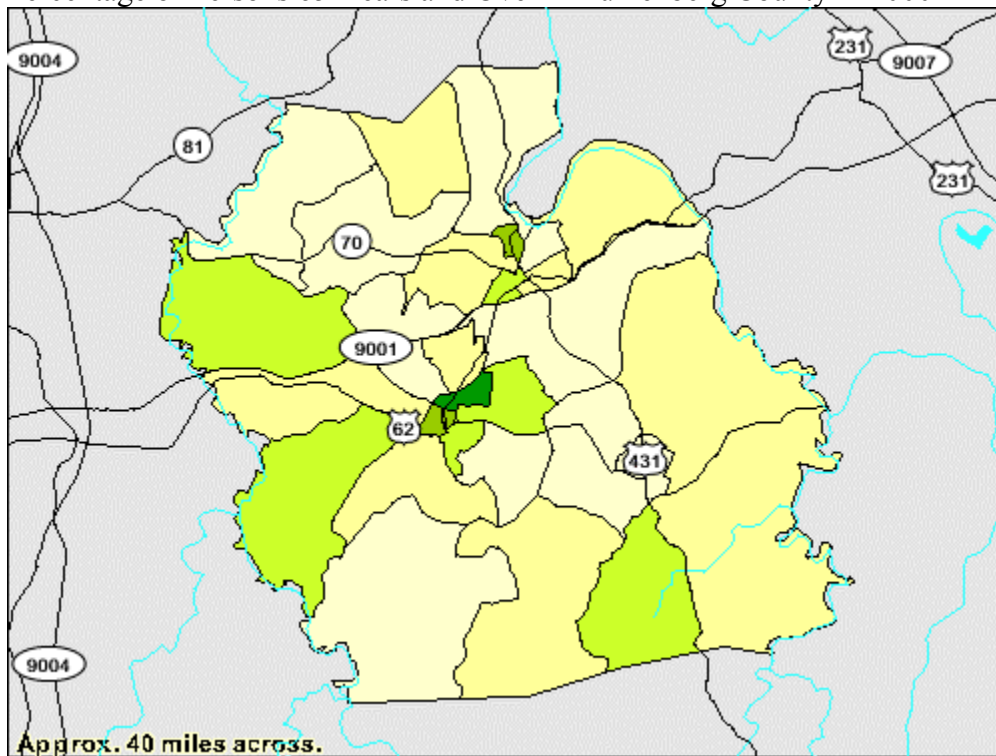


*Source: US Census Bureau website

Phase II – Elderly Census Data

Figure 8.1

Percentage of Persons 65 Years and Over – Muhlenberg County – 2000

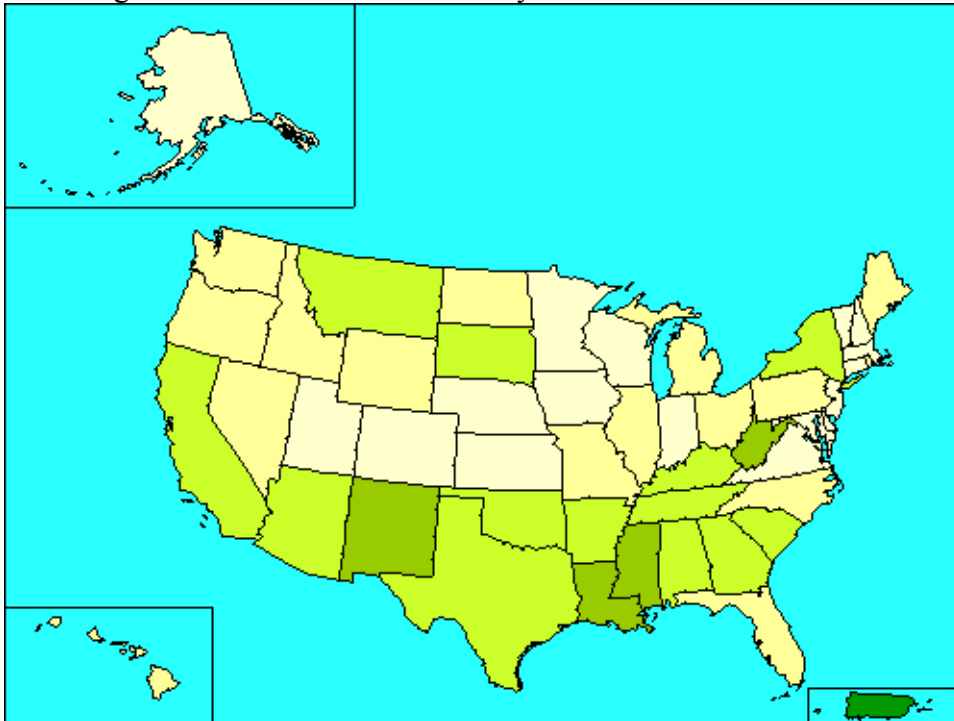


*Source: US Census Bureau website

Phase II – Low-Income Census Data

Figure 8.2

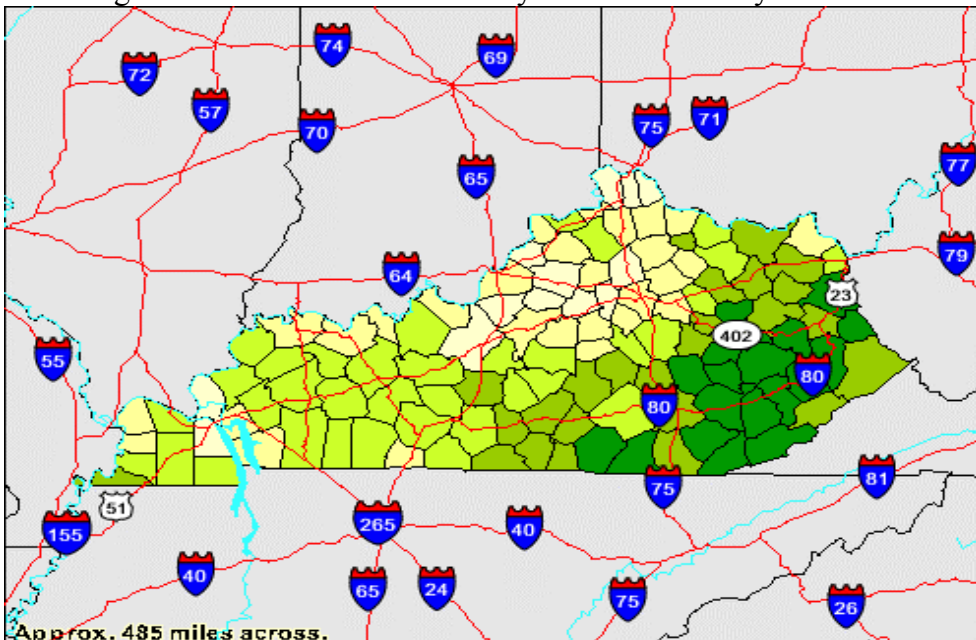
Percentage of Persons Below the Poverty Level – US - 1999



Data Classes

Percent	
Light Yellow	6.5 - 9.9
Yellow	10.5 - 12.5
Light Green	13.0 - 16.1
Medium Green	17.9 - 20.2
Dark Green	48.2 - 48.2

Percentage of Persons Below the Poverty Level – Kentucky - 1999

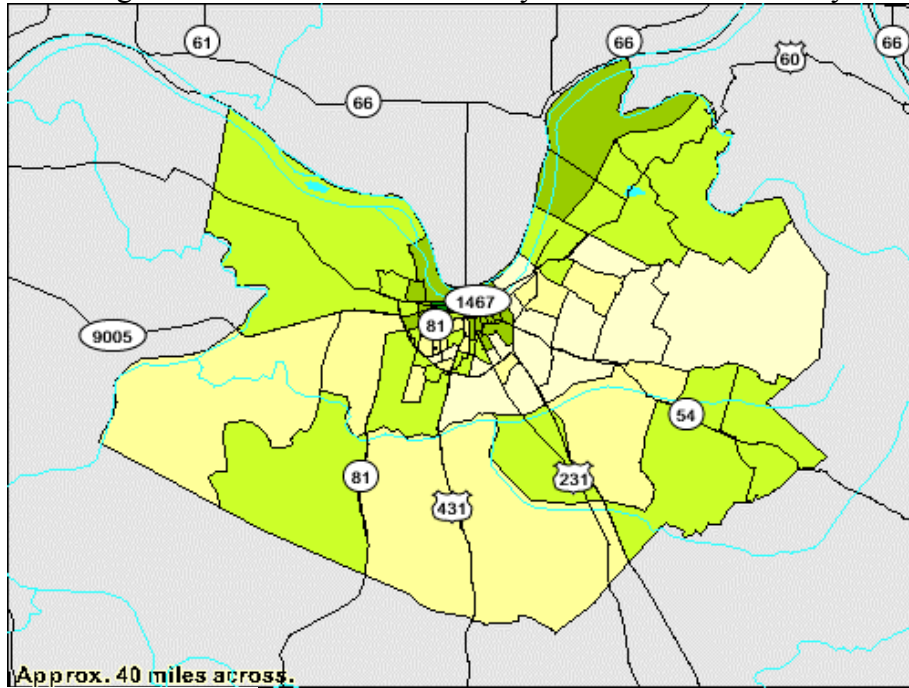


Approx. 485 miles across.
*Source: US Census Bureau website

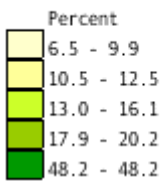
Phase II – Low-Income Census Data

Figure 8.2

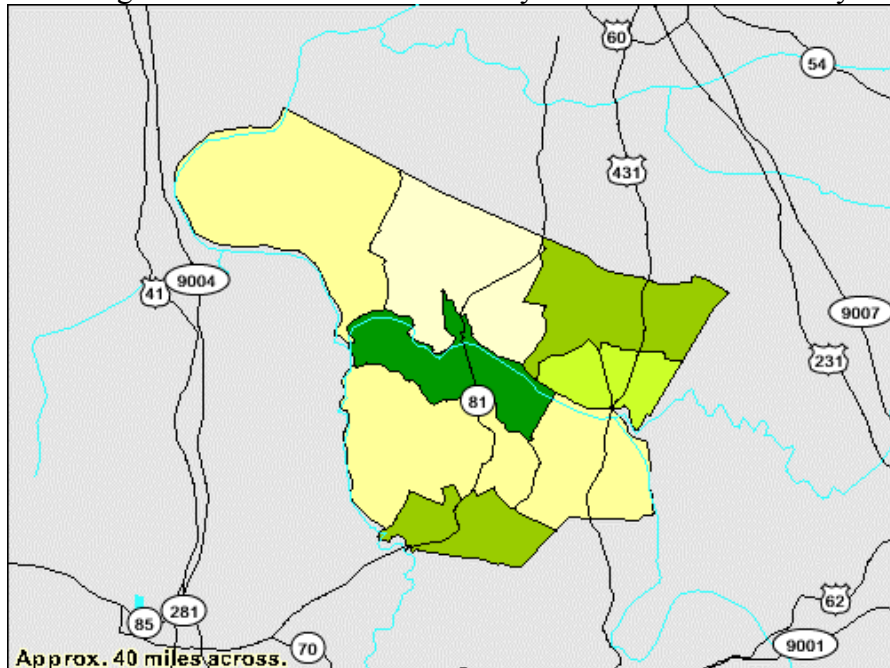
Percentage of Persons Below the Poverty Level - Daviess County – 1999



Data Classes



Percentage of Persons Below the Poverty Level - McLean County – 1999

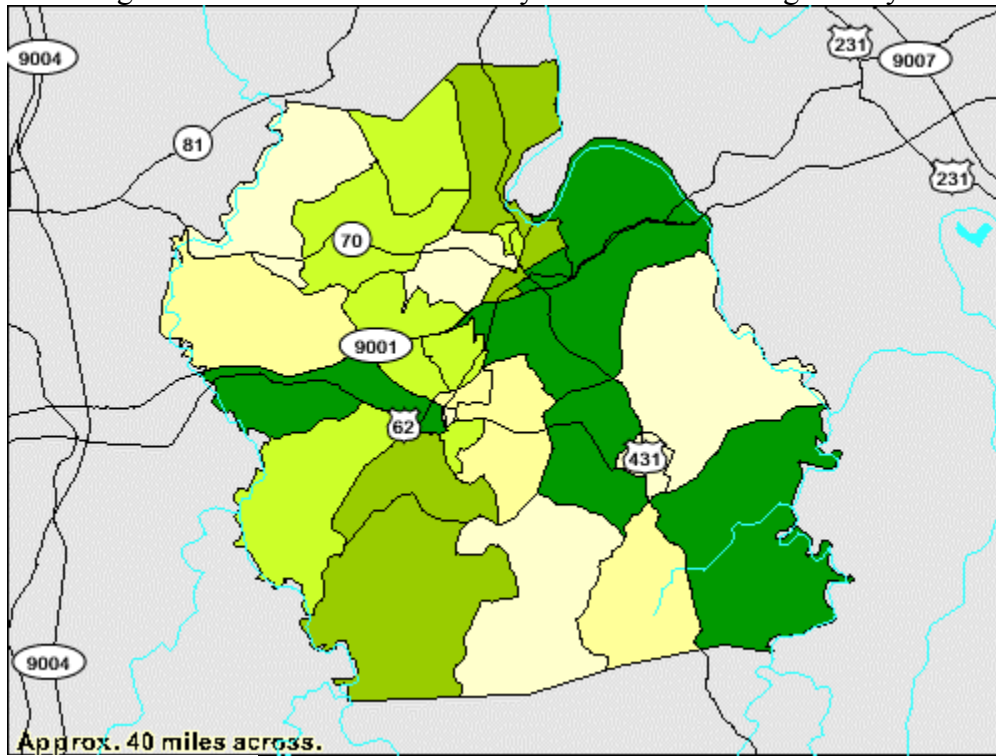


*Source: US Census Bureau website

Phase II – Low-Income Census Data

Figure 8.2

Percentage of Persons Below the Poverty Level - Muhlenberg County – 1999



Data Classes

Percent	
6.5 - 9.9	Lightest Yellow
10.5 - 12.5	Yellow
13.0 - 16.1	Light Green
17.9 - 20.2	Medium Green
48.2 - 48.2	Dark Green

*Source: US Census Bureau website

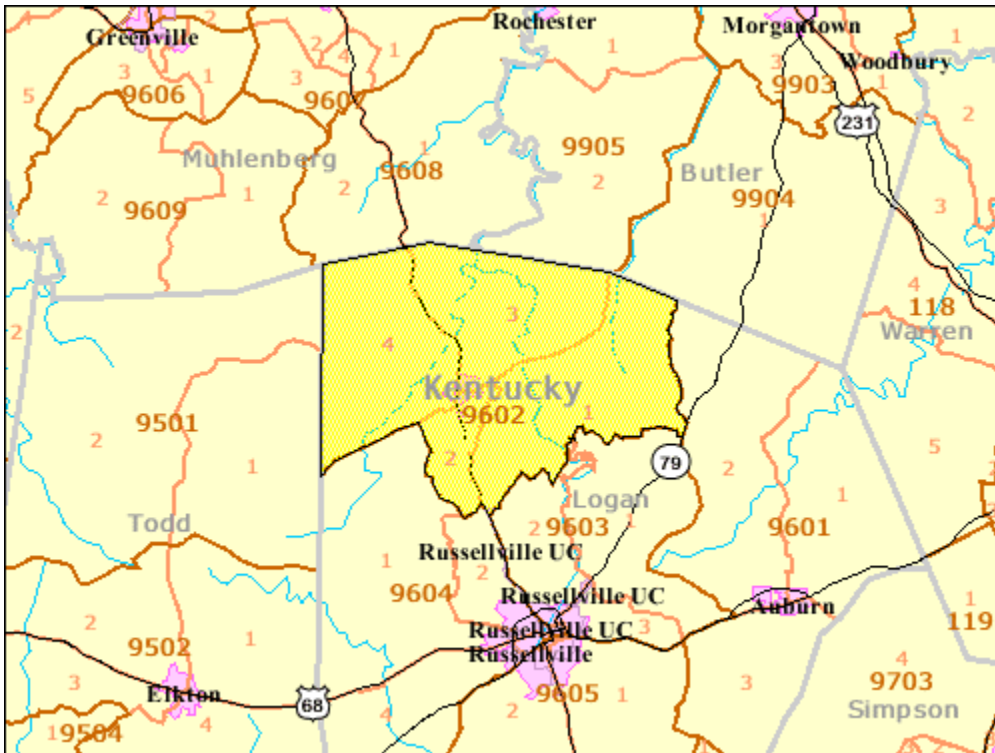
APPENDIX 7

Phase I Reference Maps

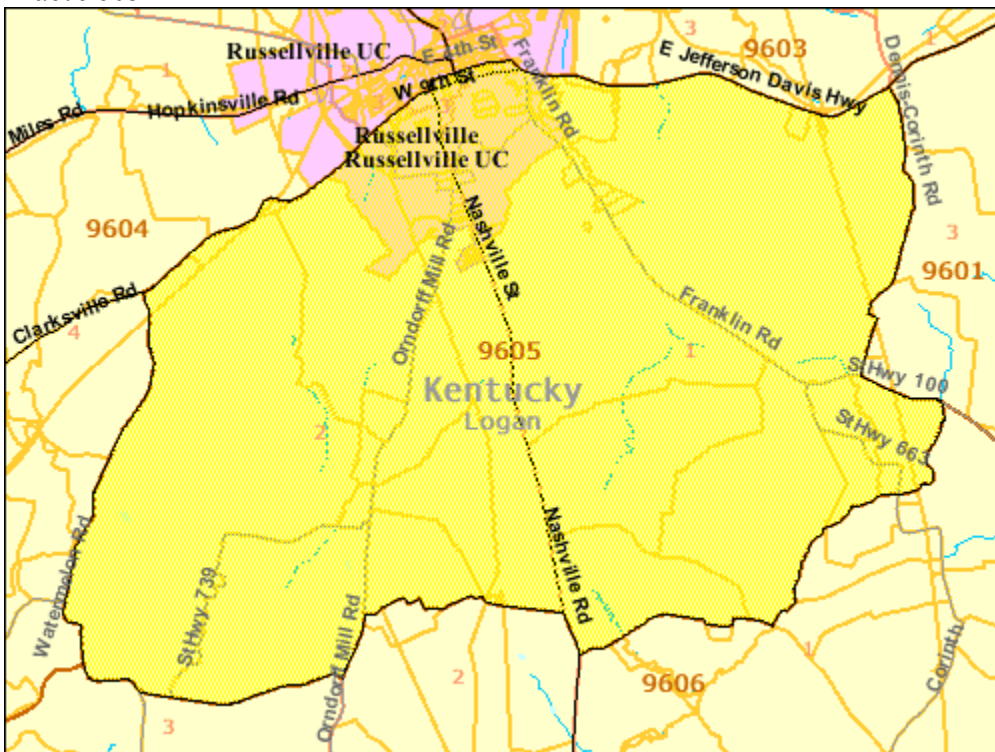
Phase I - Logan County Tracts

Figure 9.1

Tract 9602



Tract 9605

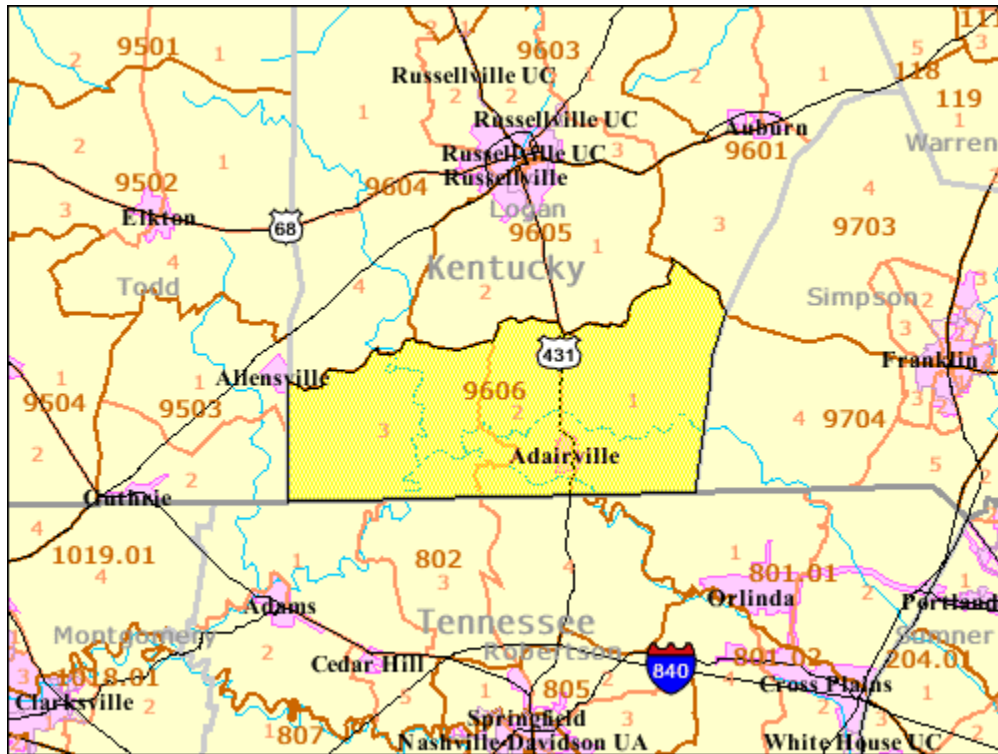


*Source: US Census Bureau website

Phase I - Logan County Tracts

Figure 9.1

Tract 9606

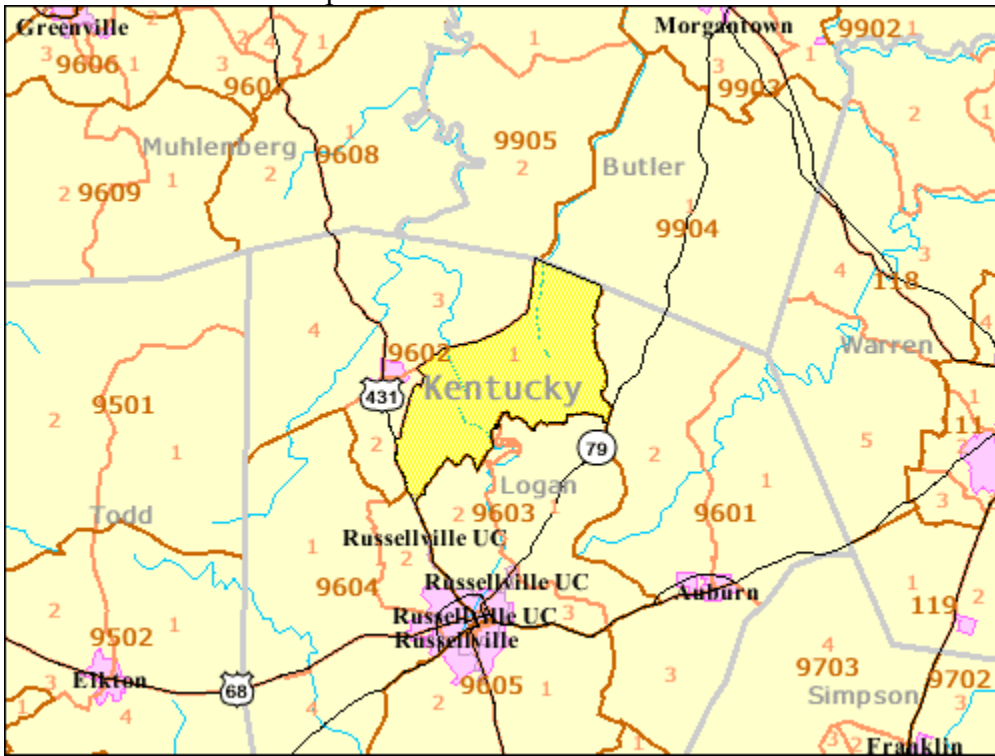


*Source: US Census Bureau website

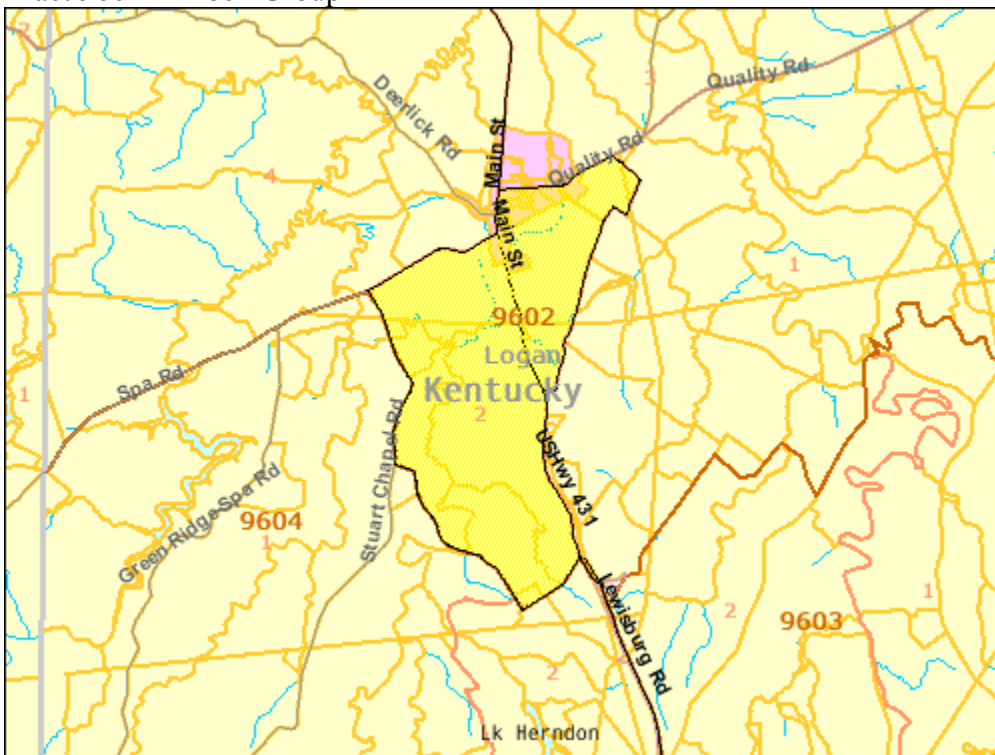
Phase I - Logan County Block Groups

Figure 9.1

Tract 9602 – Block Group 1



Tract 9602 – Block Group 2

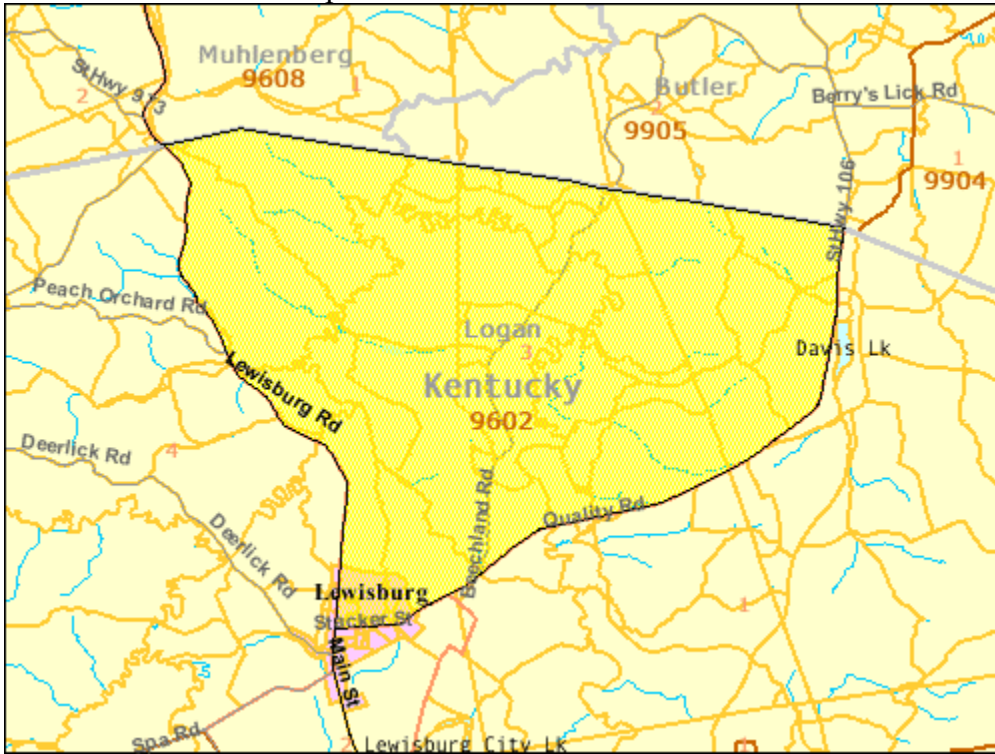


*Source: US Census Bureau website

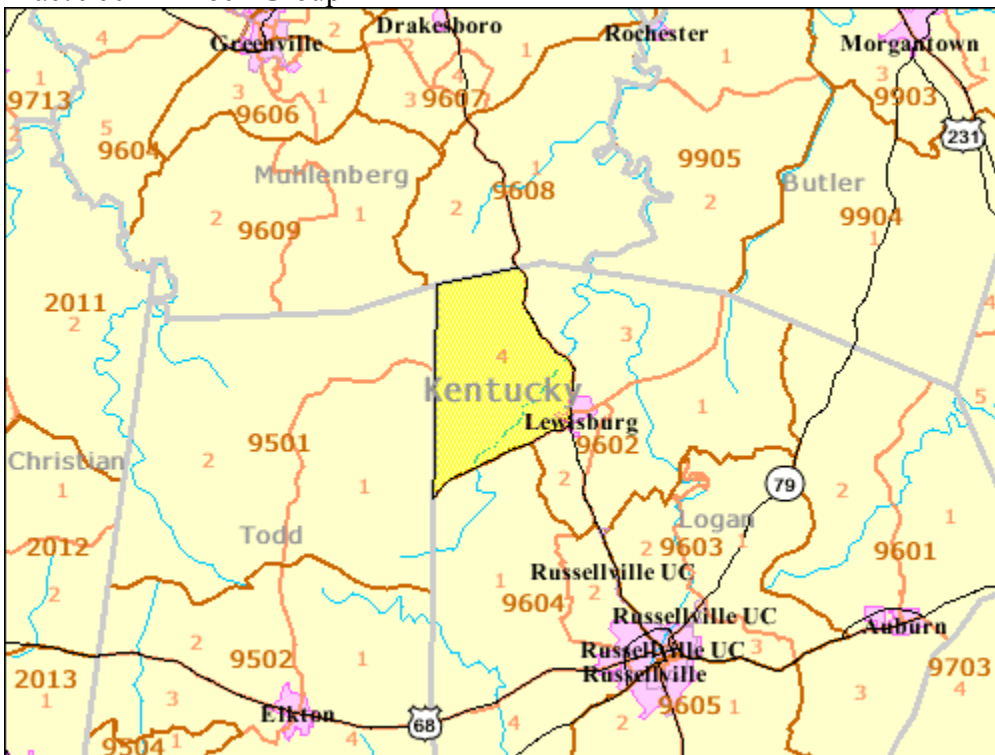
Phase I - Logan County Block Groups

Figure 9.1

Tract 9602 – Block Group 3



Tract 9602 – Block Group 4

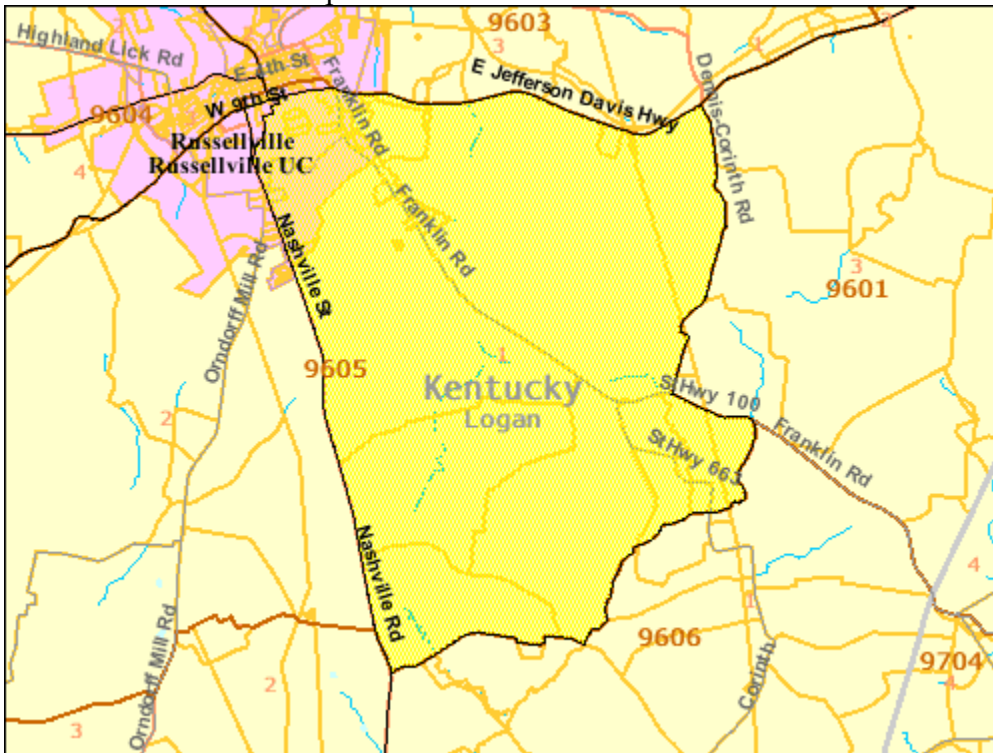


*Source: US Census Bureau website

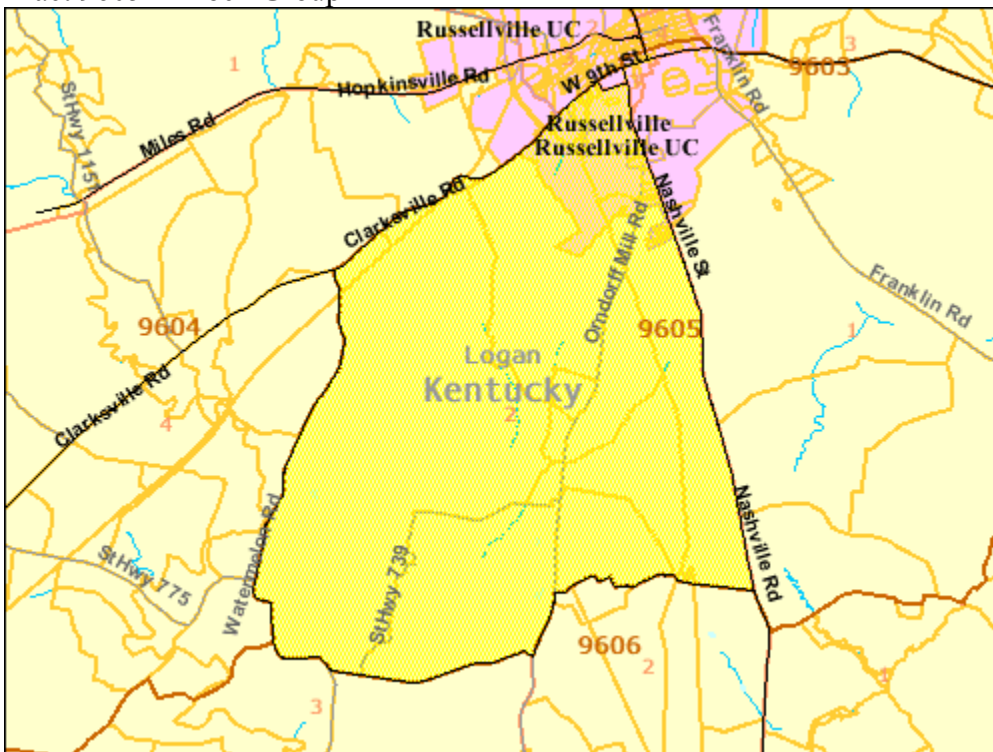
Phase I - Logan County Block Groups

Figure 9.1

Tract 9605 – Block Group 1



Tract 9605 – Block Group 2

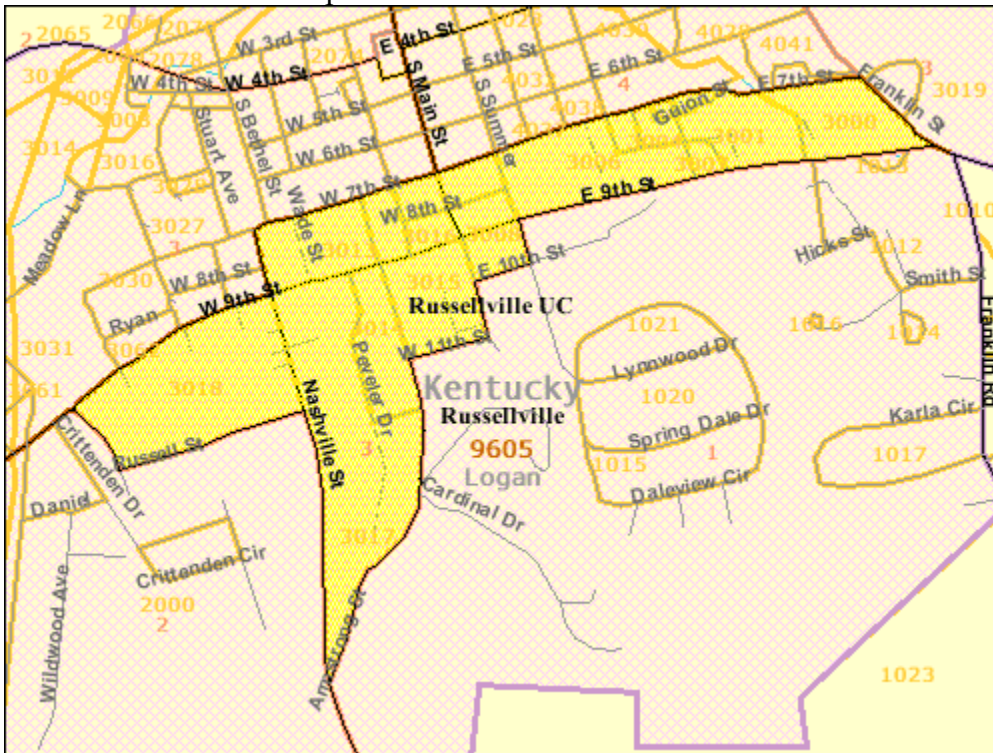


*Source: US Census Bureau website

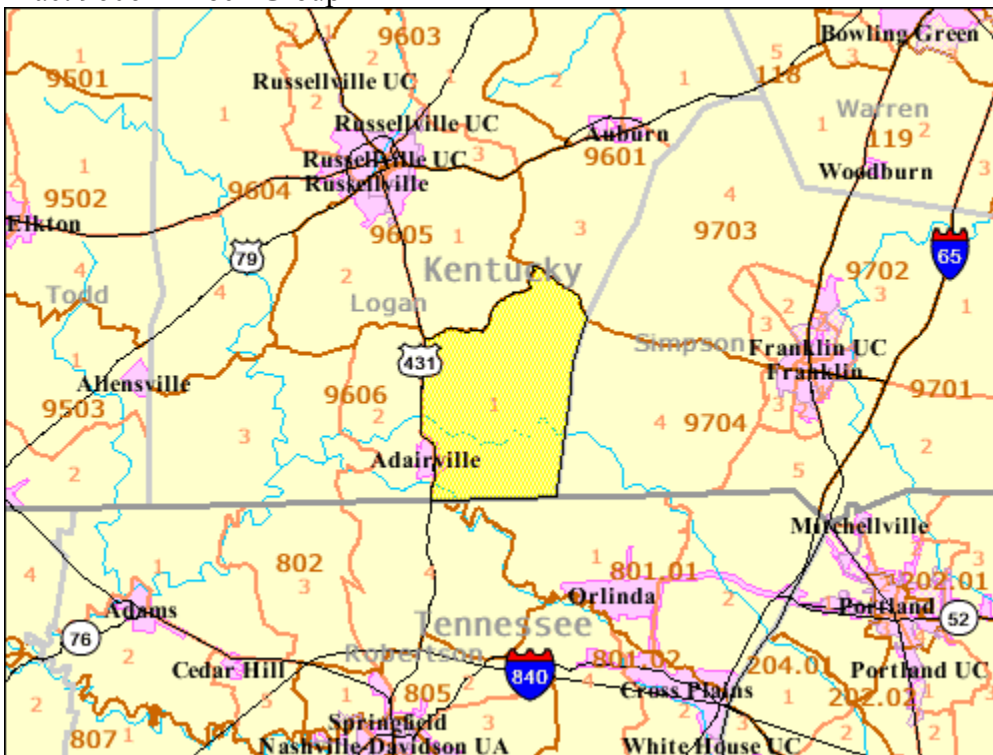
Phase I - Logan County Block Groups

Figure 9.1

Tract 9605 – Block Group 3



Tract 9606 – Block Group 1

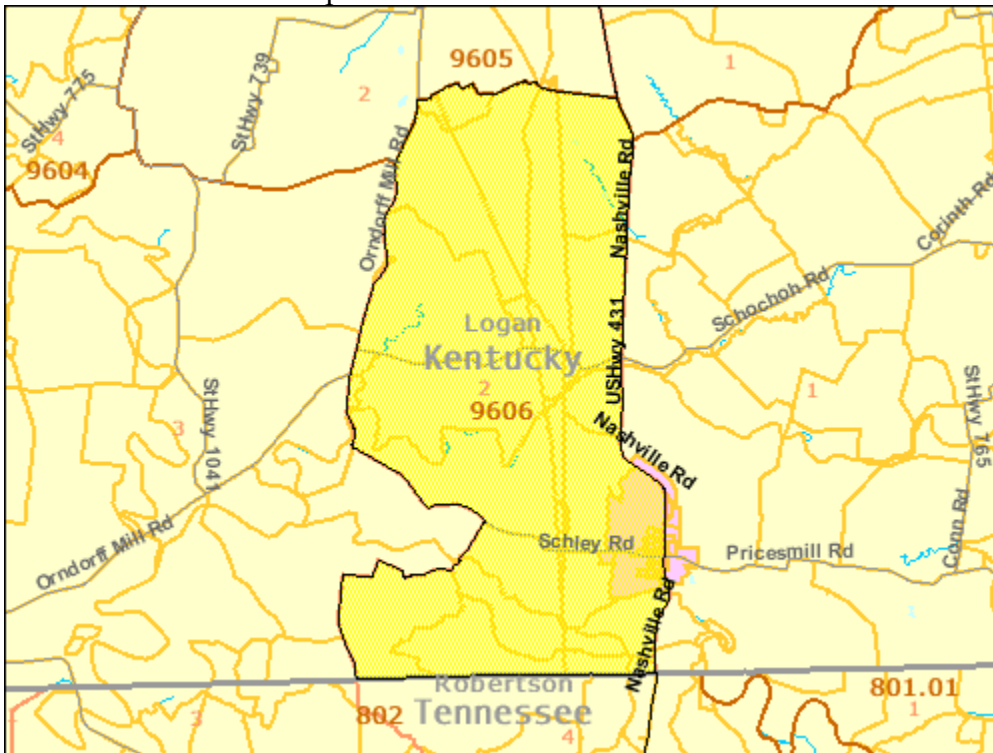


*Source: US Census Bureau website

Phase I - Logan County Block Groups

Figure 9.1

Tract 9606 – Block Group 2

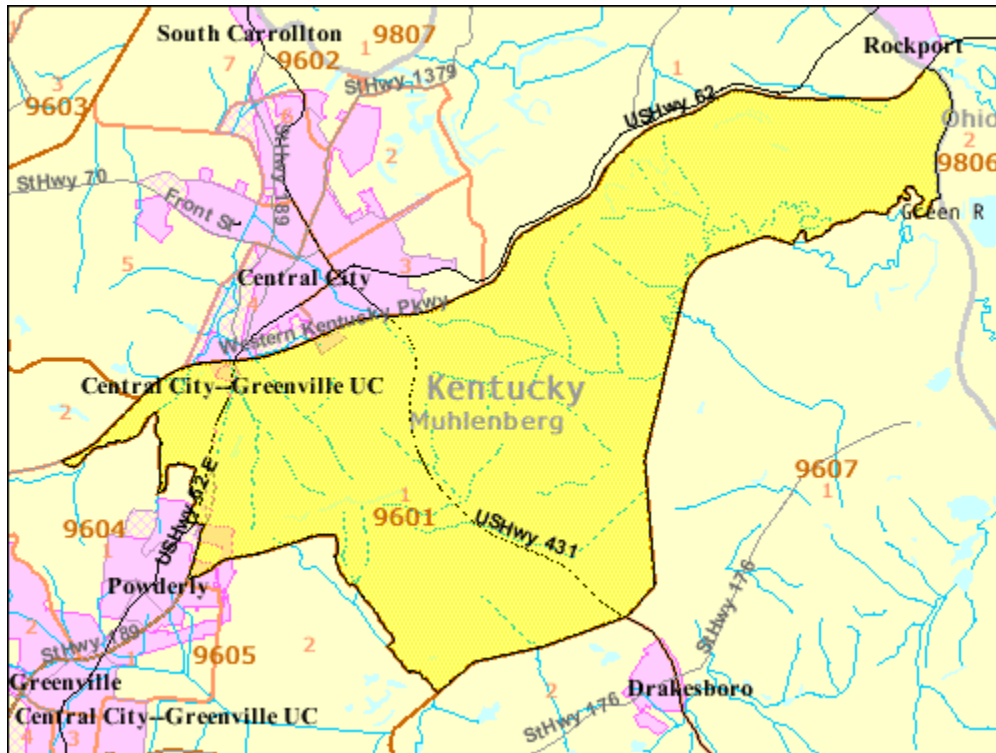


*Source: US Census Bureau website

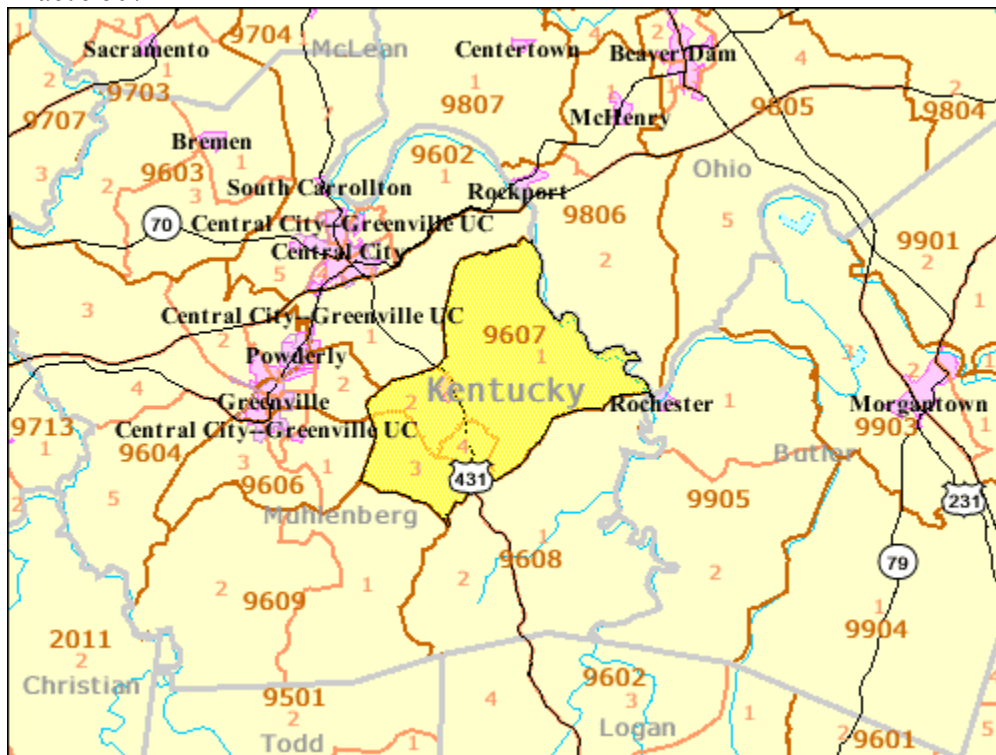
Phase I - Muhlenberg County Tracts

Figure 9.2

Tract 9601



Tract 9607

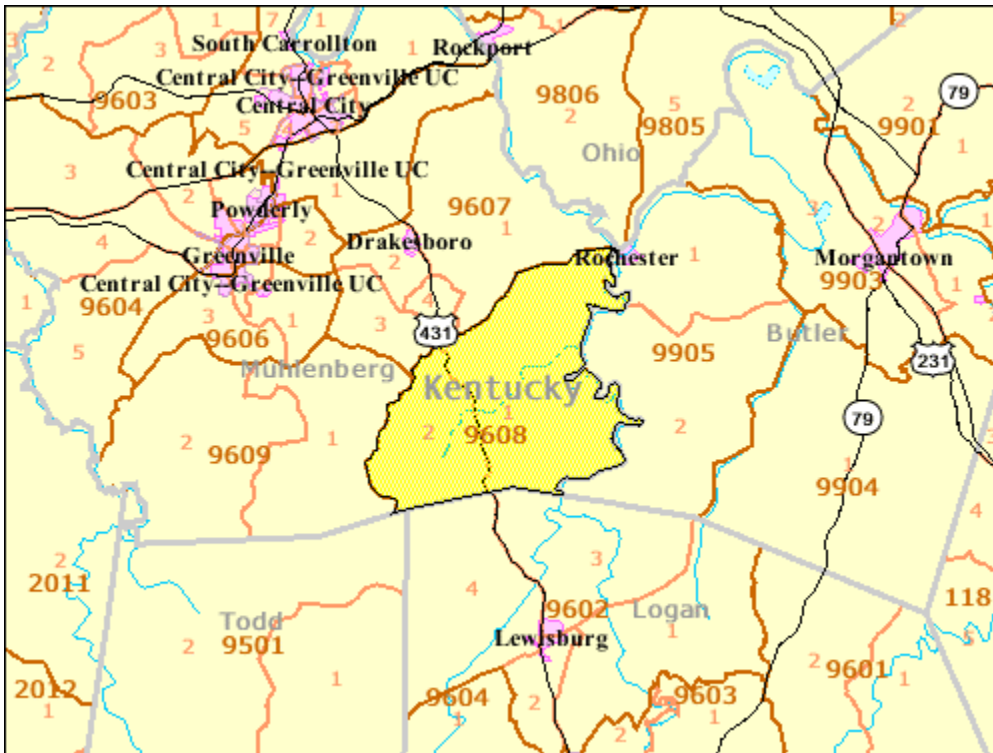


*Source: US Census Bureau website

Phase I - Muhlenberg County Tracts

Figure 9.2

Tract 9608

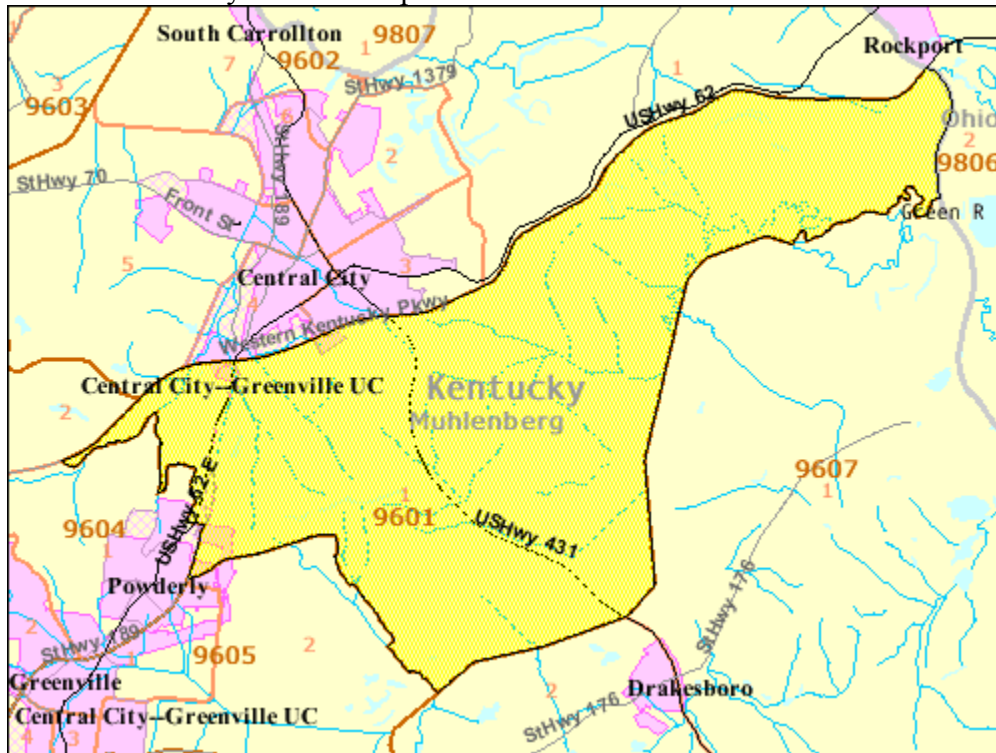


*Source: US Census Bureau website

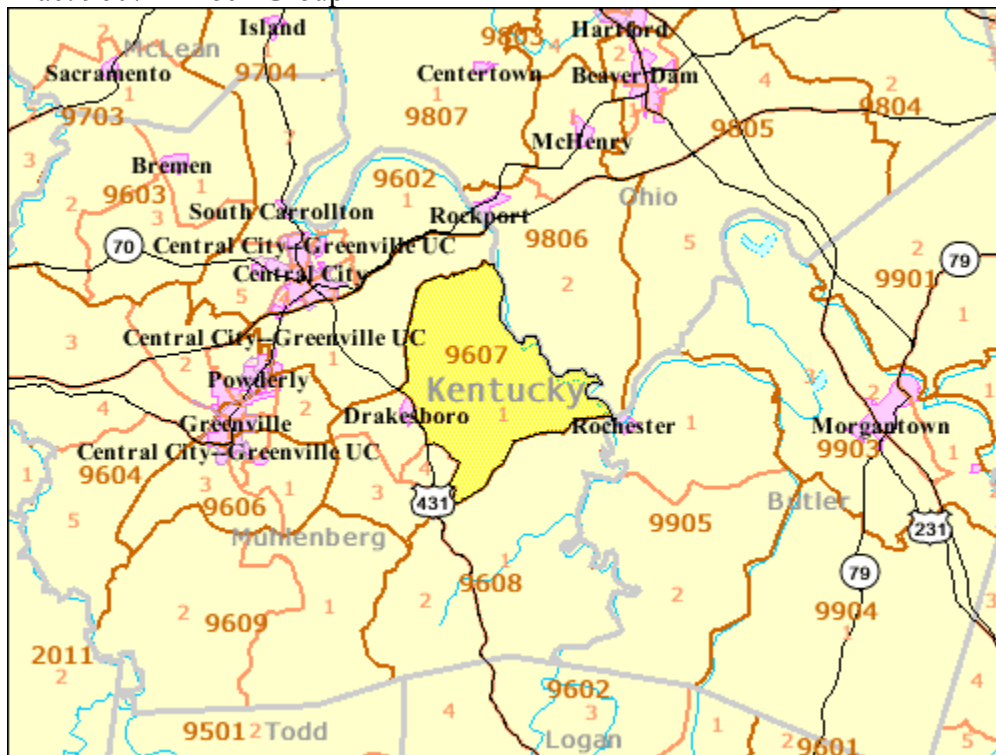
Phase I - Muhlenberg County Block Groups

Figure 9.2

Tract 9601 – Only Block Group



Tract 9607 – Block Group 1

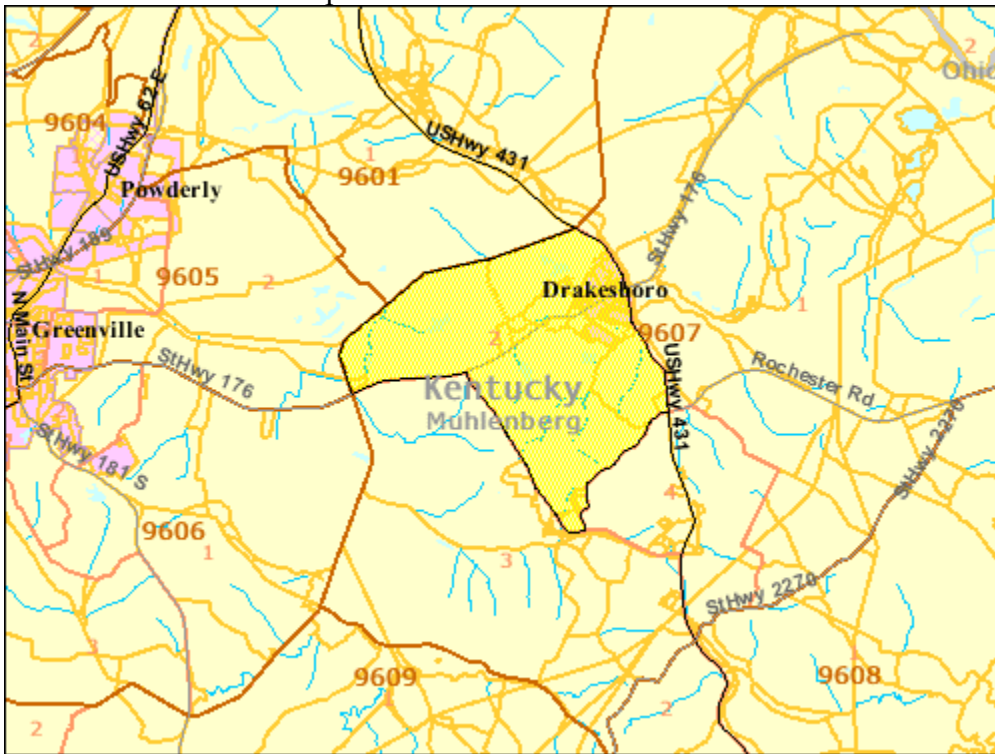


*Source: US Census Bureau website

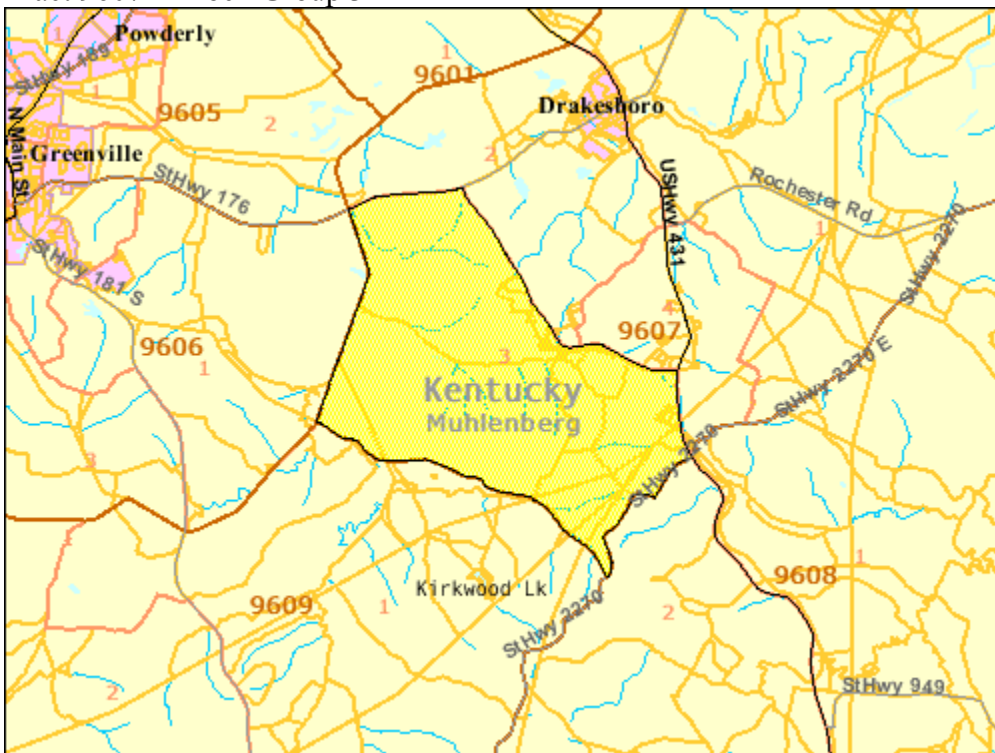
Phase I - Muhlenberg County Block Groups

Figure 9.2

Tract 9607 – Block Group 2



Tract 9607 – Block Group 3

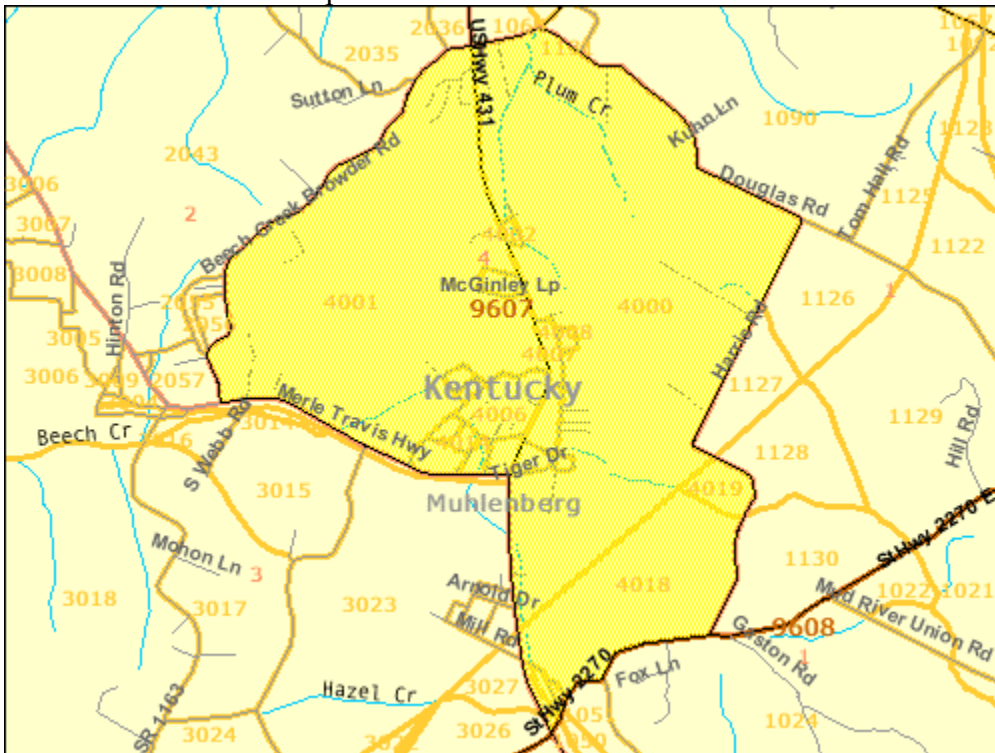


*Source: US Census Bureau website

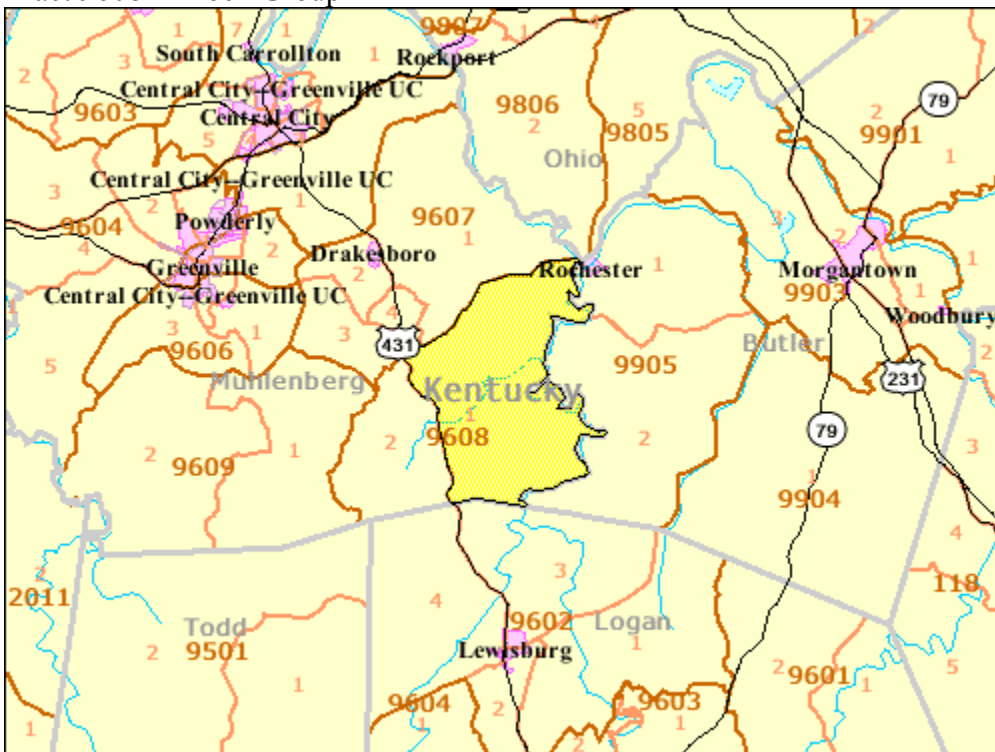
Phase I - Muhlenberg County Block Groups

Figure 9.2

Tract 9607 – Block Group 4



Tract 9608 – Block Group 1

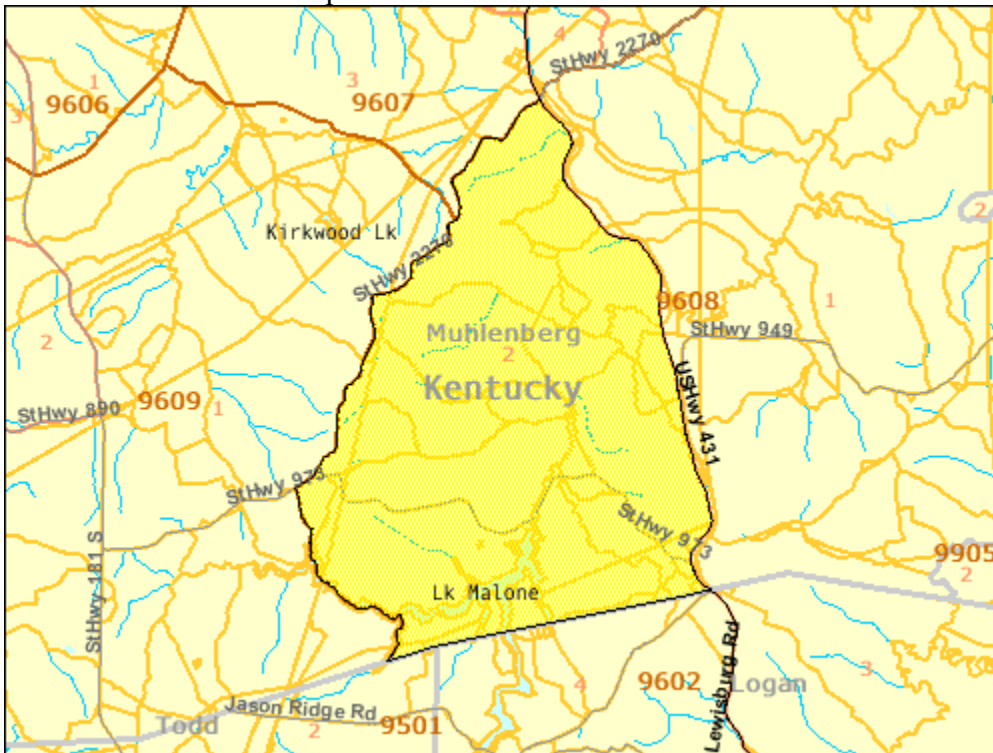


*Source: US Census Bureau website

Phase I - Muhlenberg County Block Groups

Figure 9.2

Tract 9608 – Block Group 2



*Source: US Census Bureau website

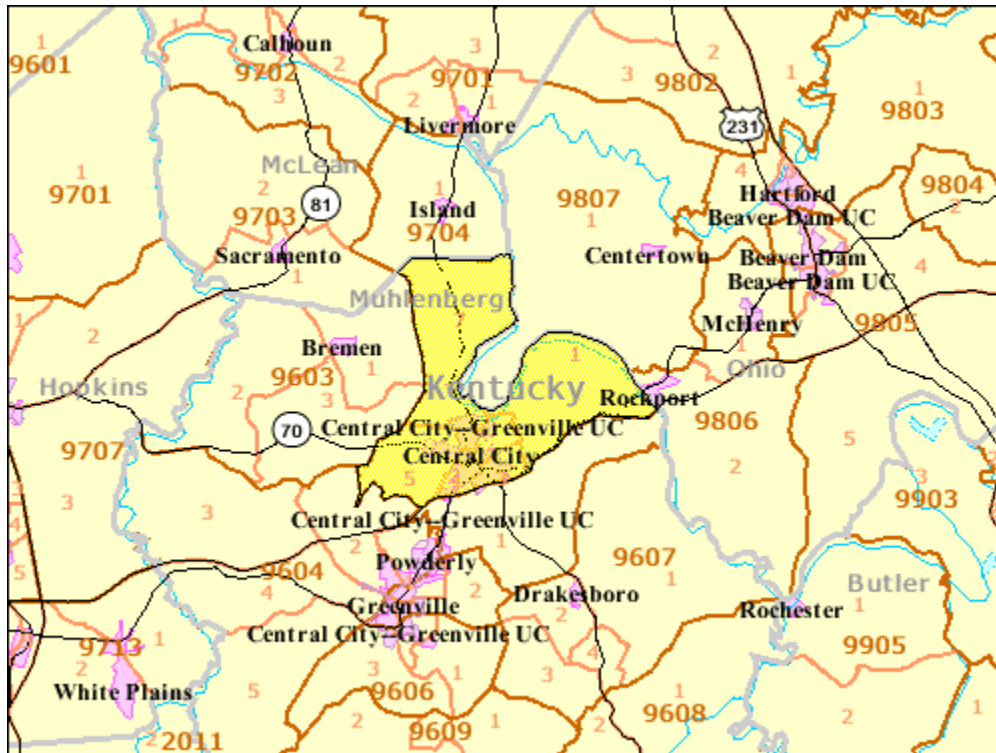
APPENDIX 8

Phase II Reference Maps

Phase II - Muhlenberg County Tract

Figure 10.1

Tract 9602

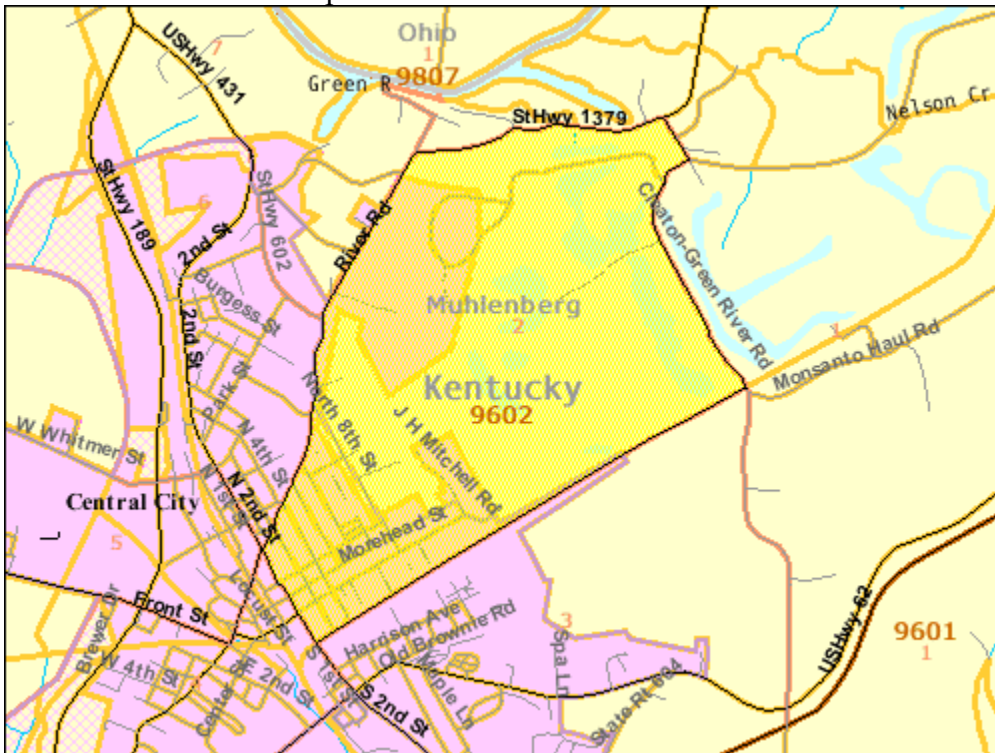


*Source: US Census Bureau website

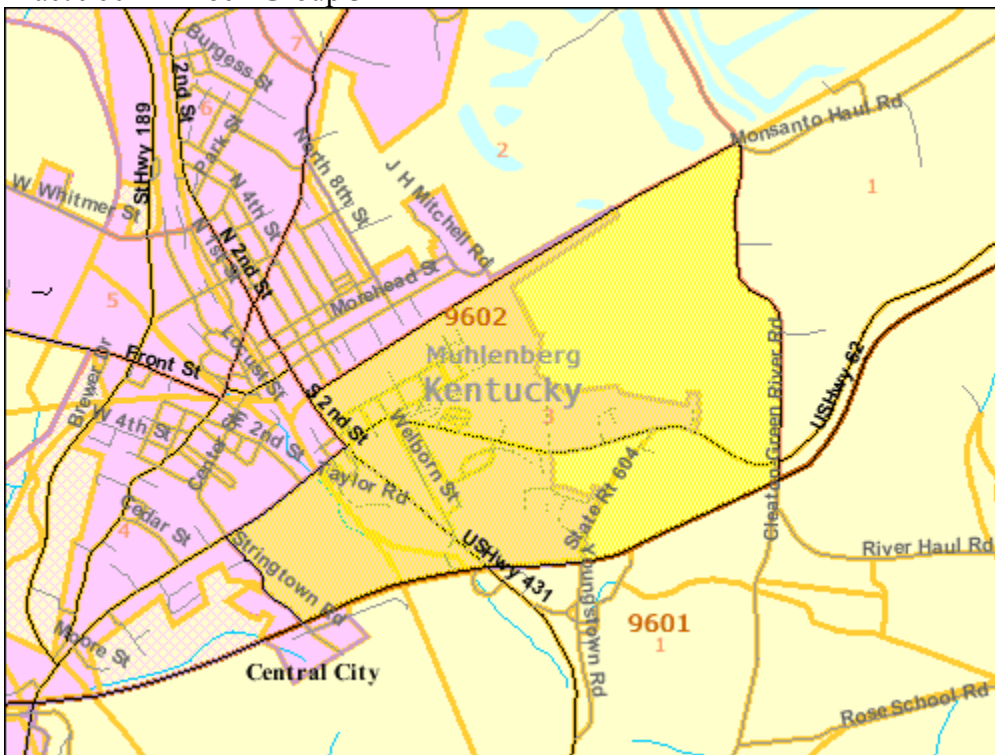
Phase II - Muhlenberg County Block Groups

Figure 10.1

Tract 9602 – Block Group 2



Tract 9602 – Block Group 3

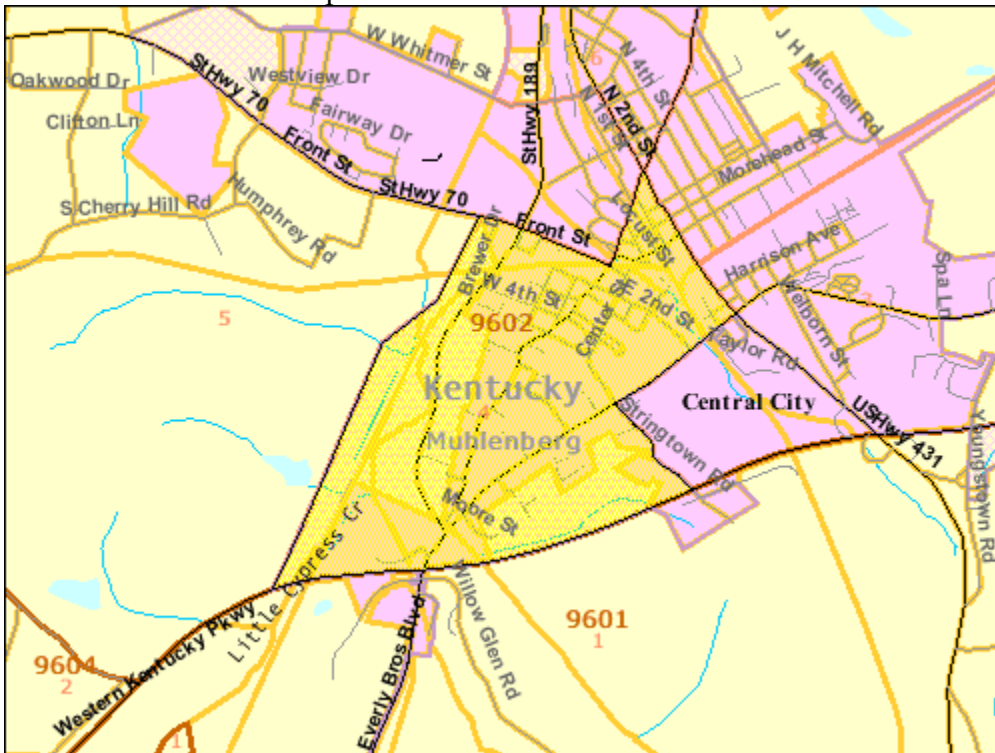


*Source: US Census Bureau website

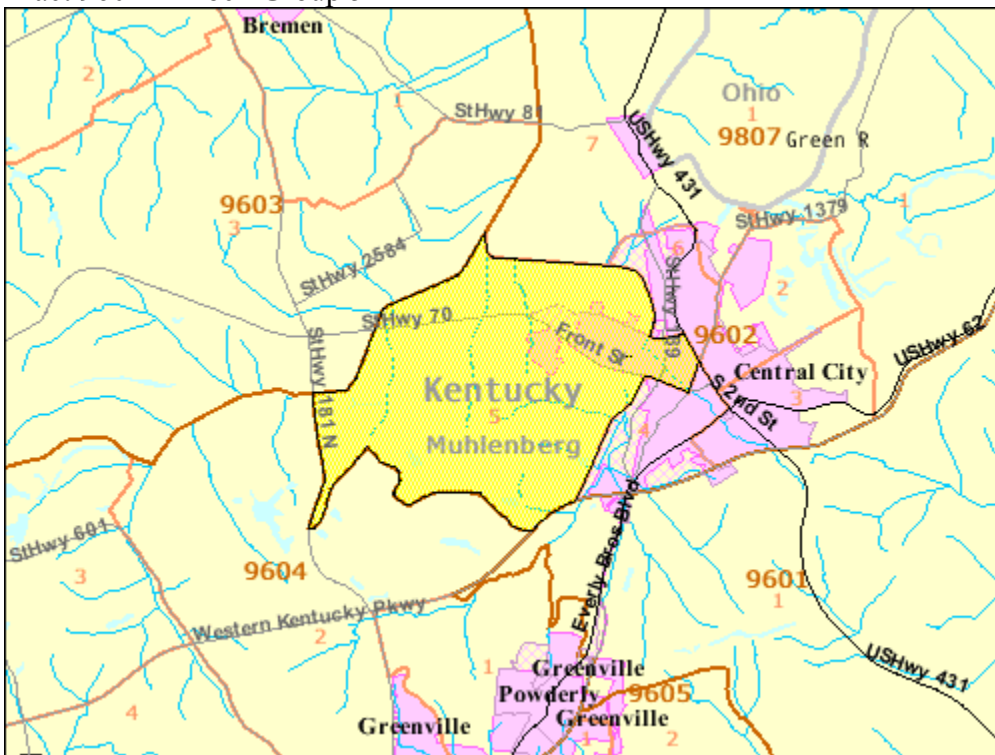
Phase II - Muhlenberg County Block Groups

Figure 10.1

Tract 9602 – Block Group 4



Tract 9602 – Block Group 5

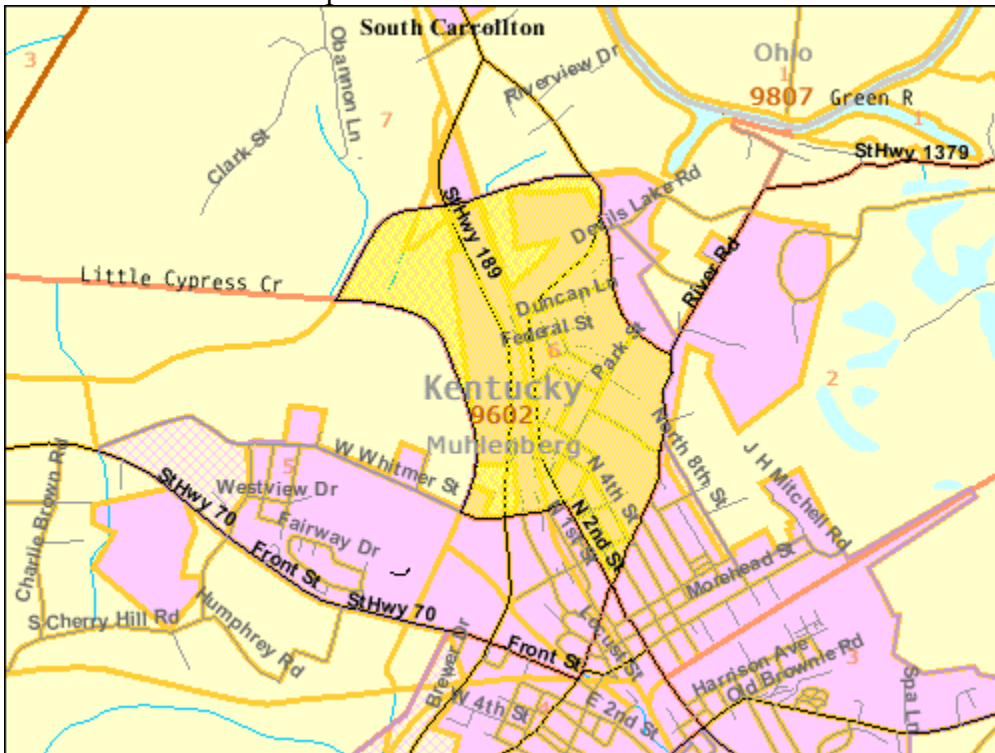


*Source: US Census Bureau website

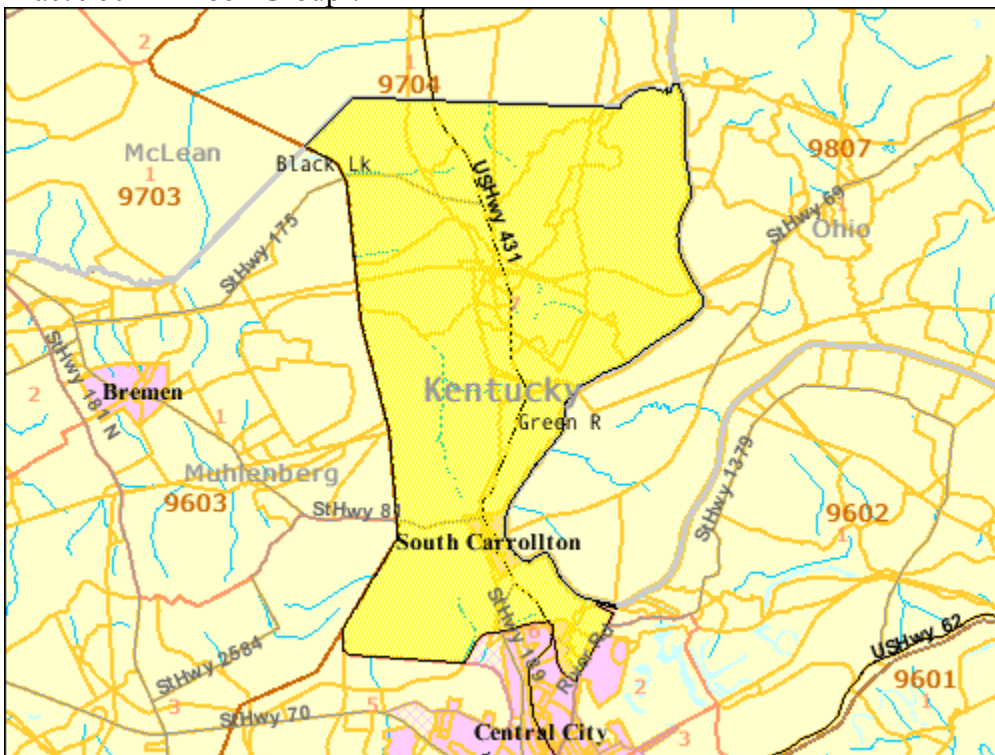
Phase II - Muhlenberg County Block Groups

Figure 10.1

Tract 9602 – Block Group 6



Tract 9602 – Block Group 7

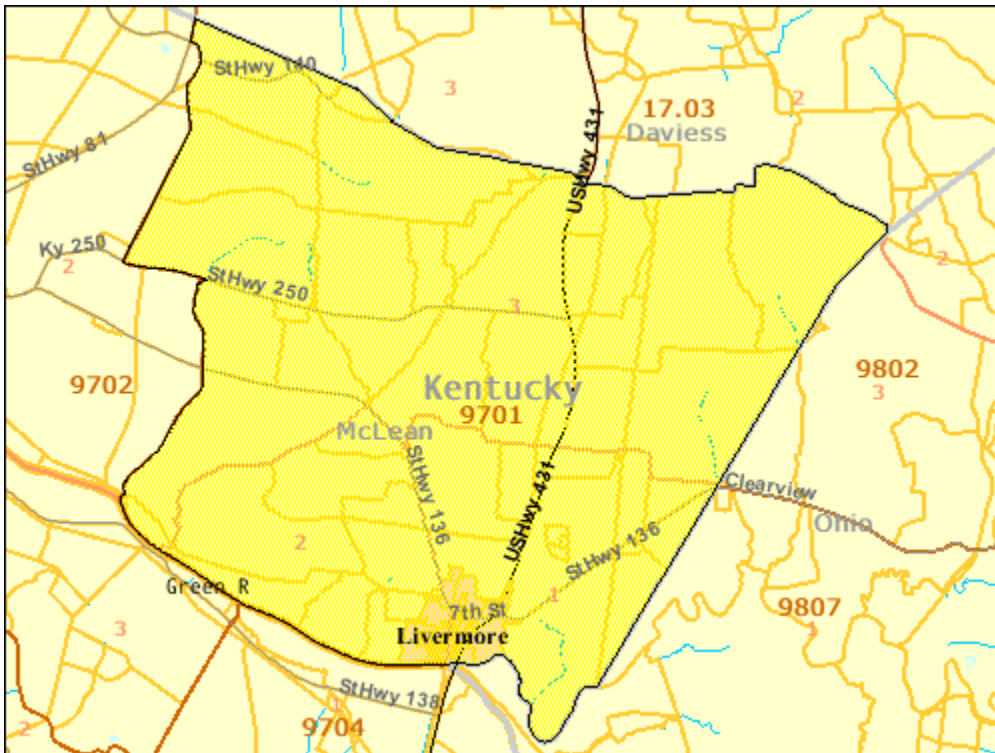


*Source: US Census Bureau website

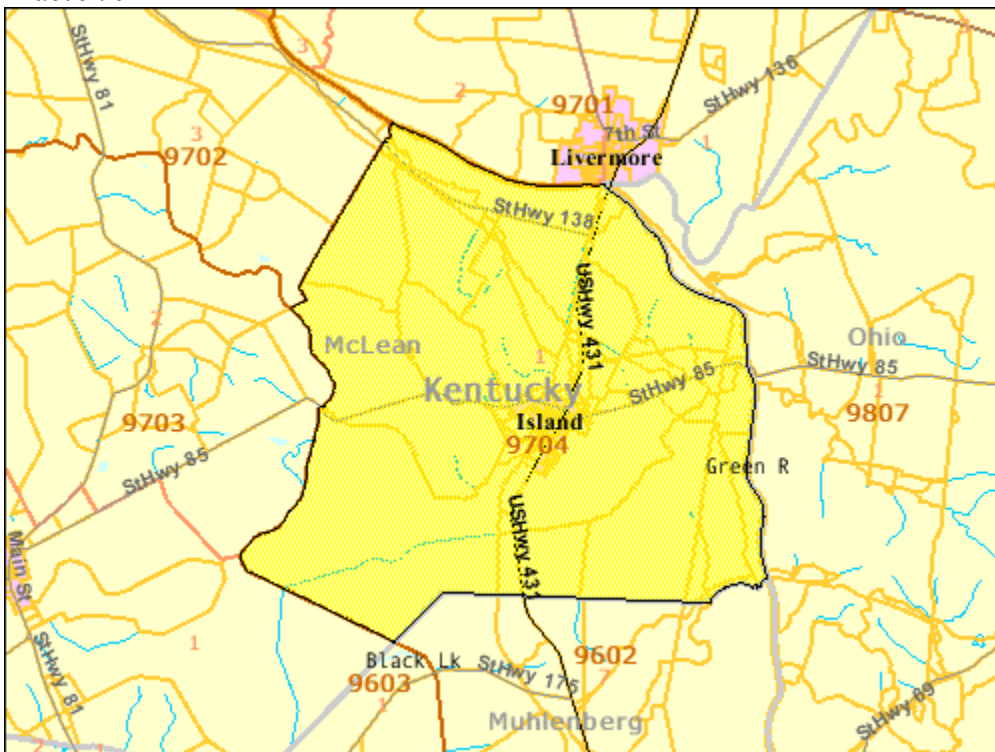
Phase II - McLean County Tracts

Figure 10.2

Tract 9701



Tract 9704

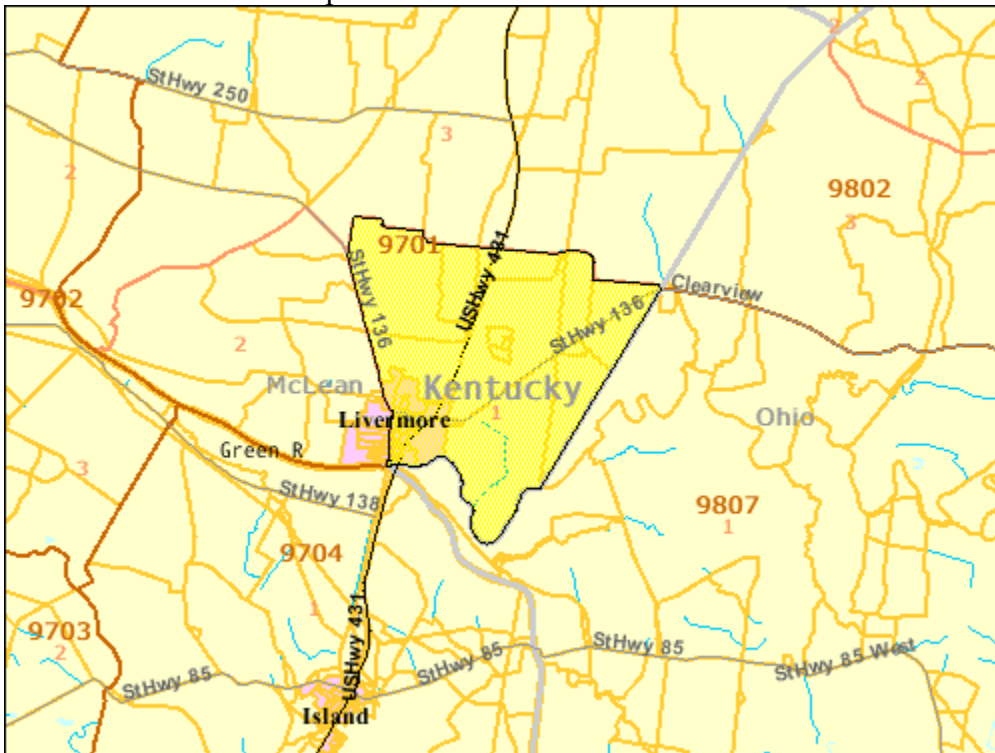


*Source: US Census Bureau website

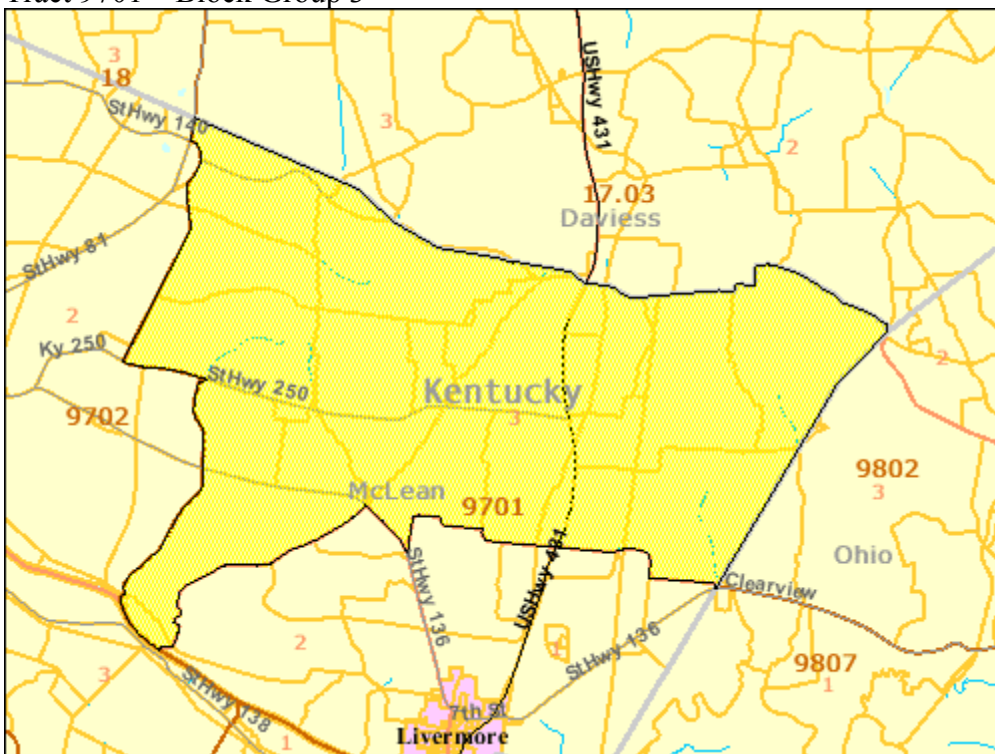
Phase II - McLean County Block Groups

Figure 10.2

Tract 9701 – Block Group 1



Tract 9701 – Block Group 3

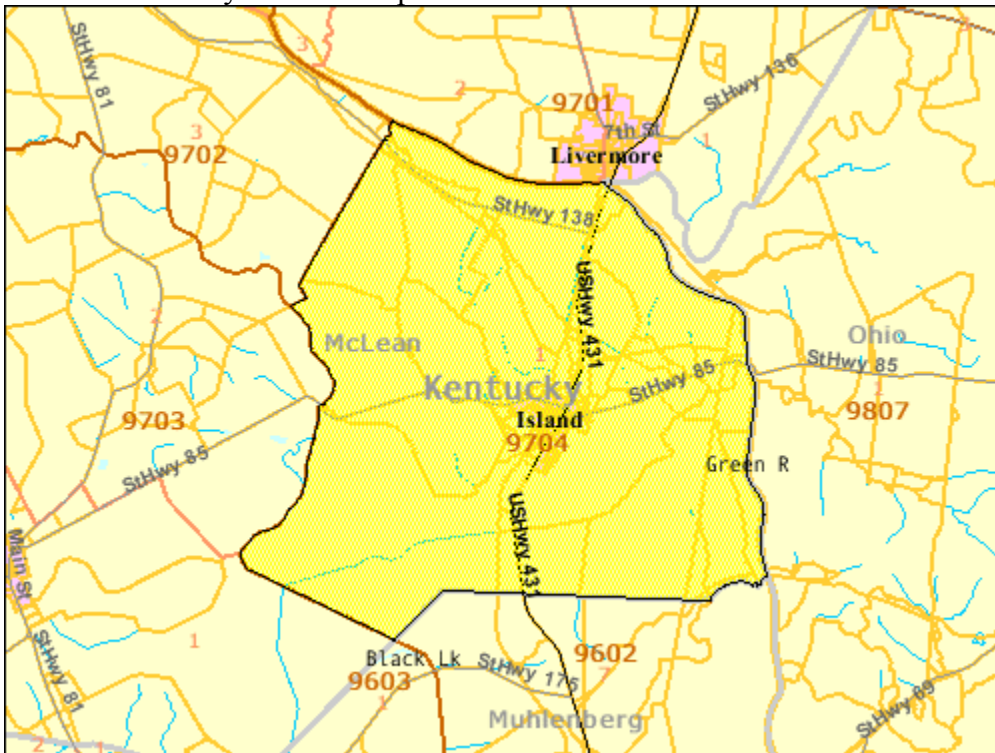


*Source: US Census Bureau website

Phase II - McLean County Block Groups

Figure 10.2

Tract 9704 – Only Block Group

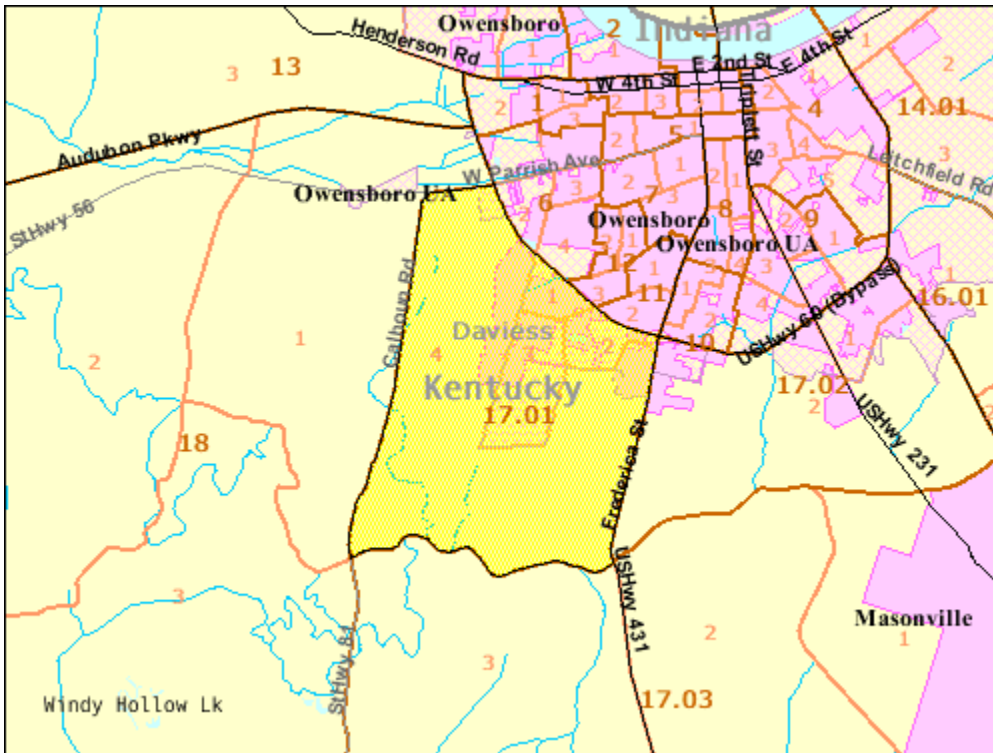


*Source: US Census Bureau website

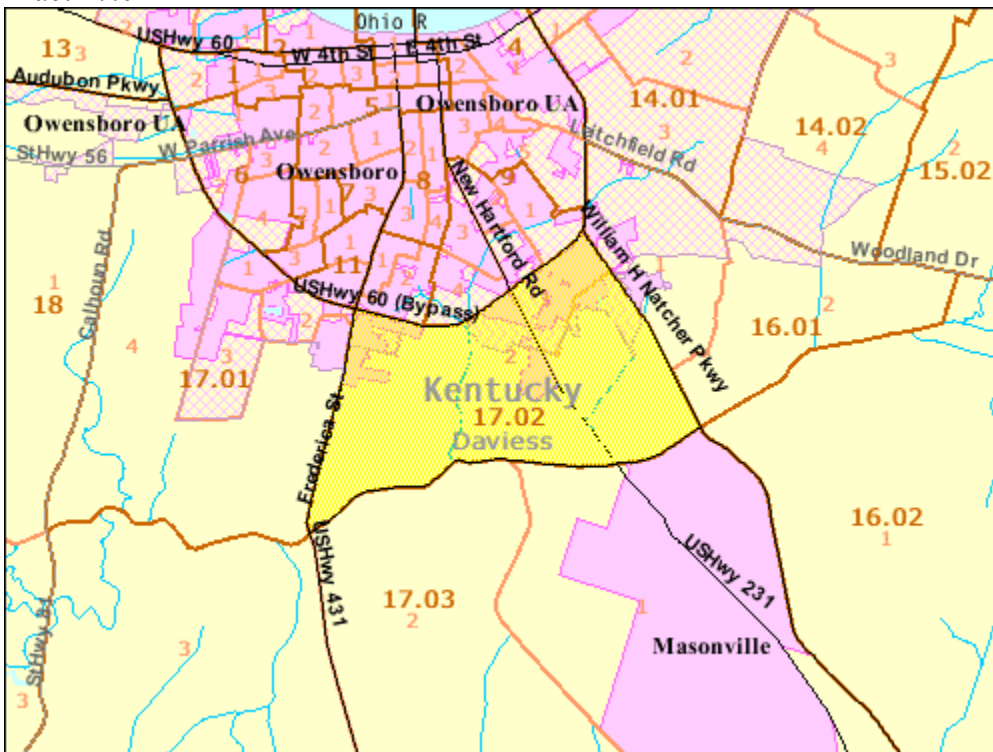
Phase II - Daviess County Tracts

Figure 10.3

Tract 17.01



Tract 17.02

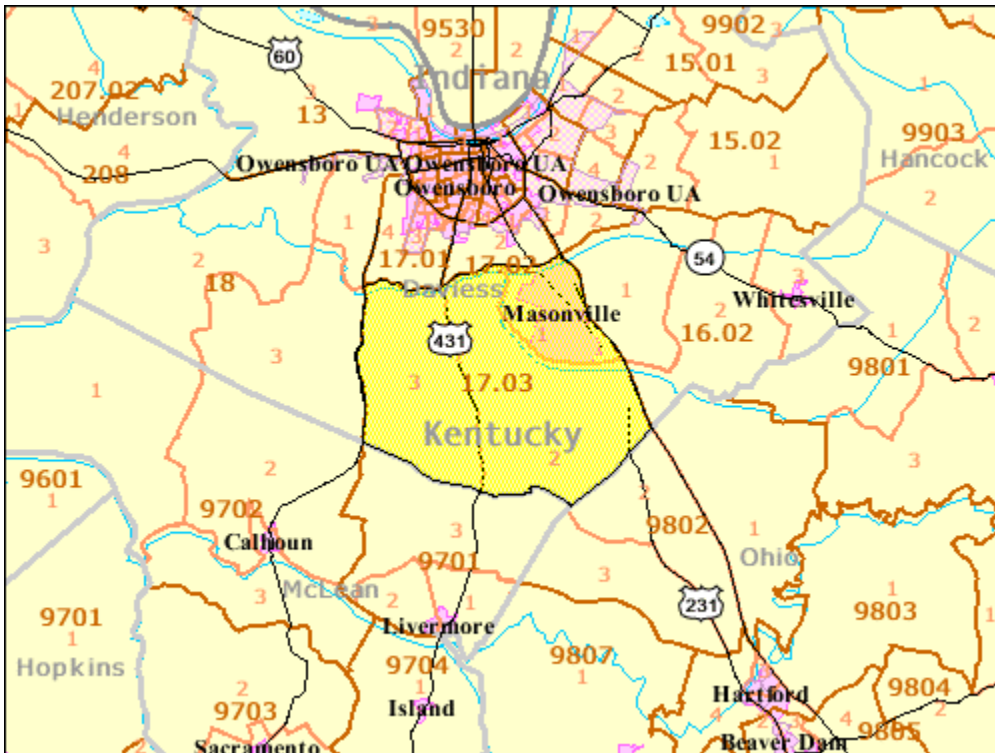


*Source: US Census Bureau website

Phase II - Daviess County Tracts

Figure 10.3

Tract 17.03

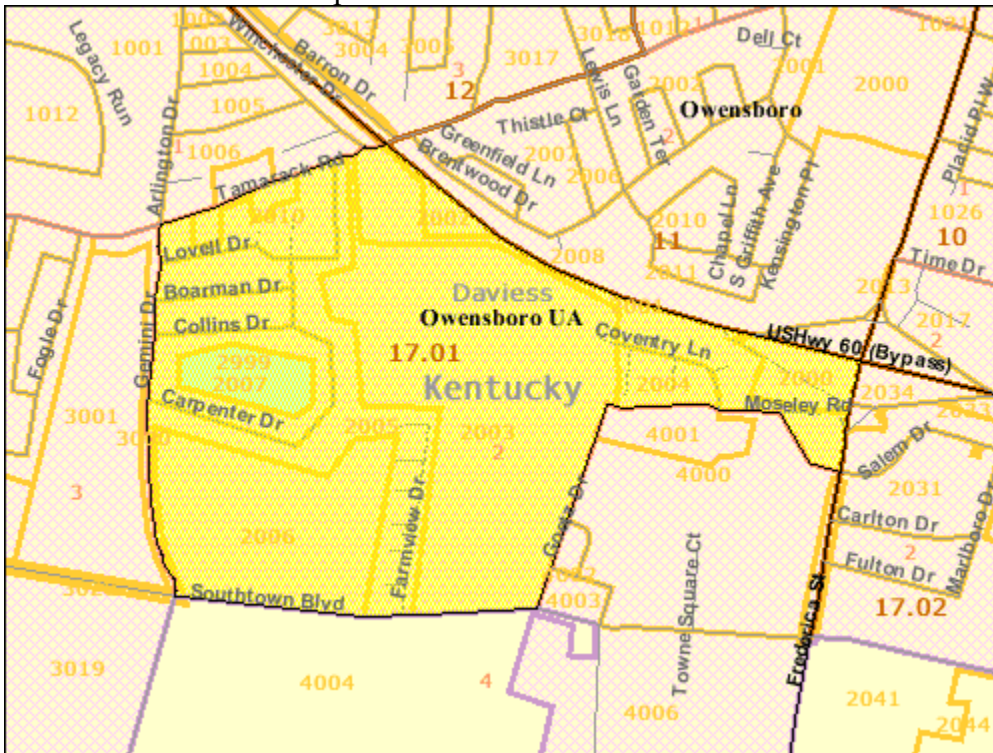


*Source: US Census Bureau website

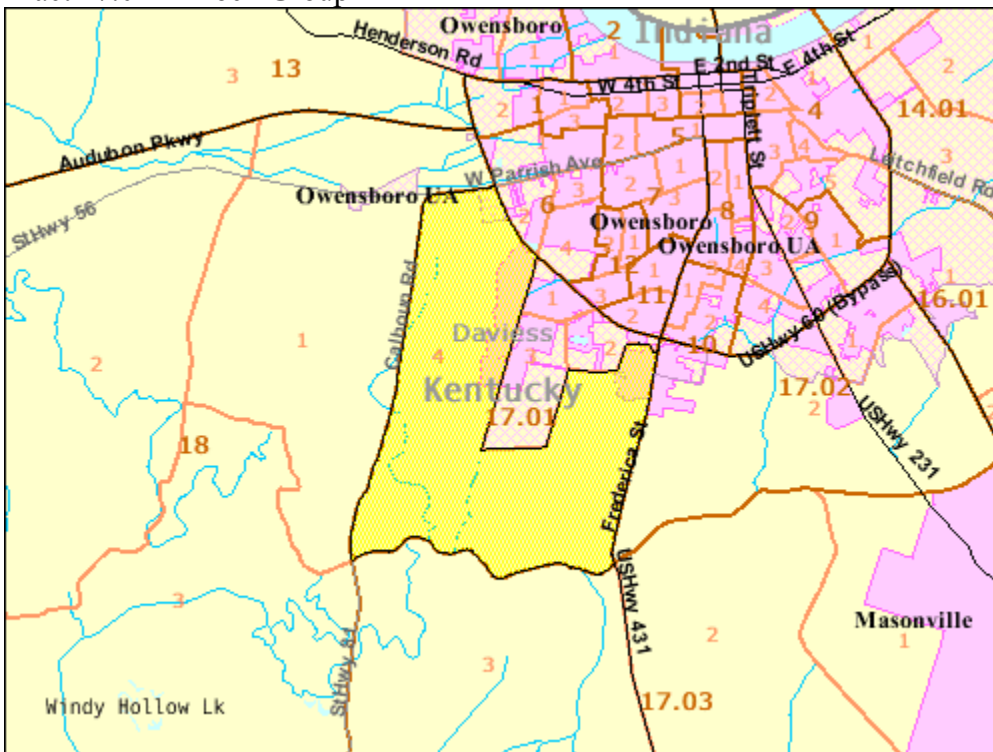
Phase II - Daviess County Block Groups

Figure 10.3

Tract 17.01 – Block Group 2



Tract 17.01 – Block Group 4

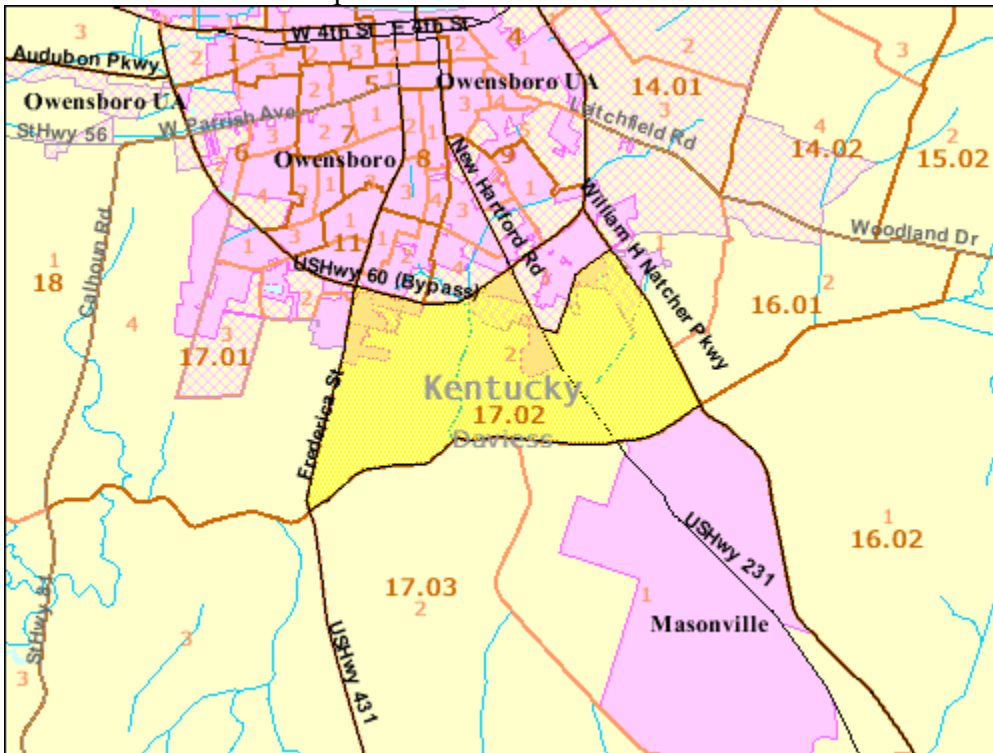


*Source: US Census Bureau website

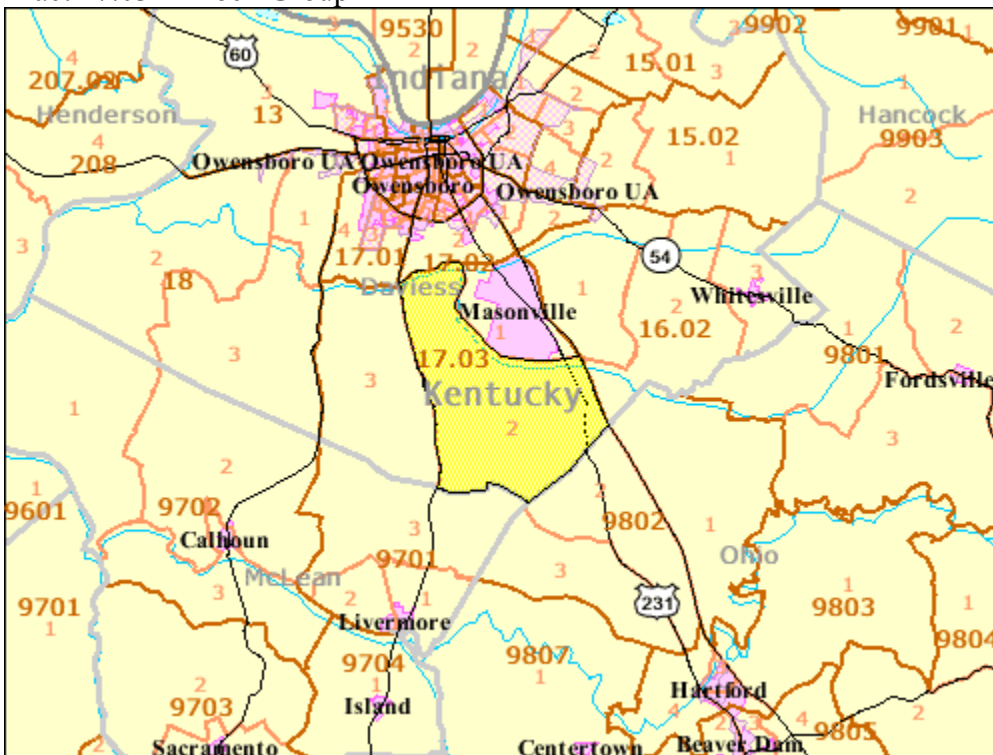
Phase II - Daviess County Block Groups

Figure 10.3

Tract 17.02 – Block Group 2



Tract 17.03 – Block Group 2

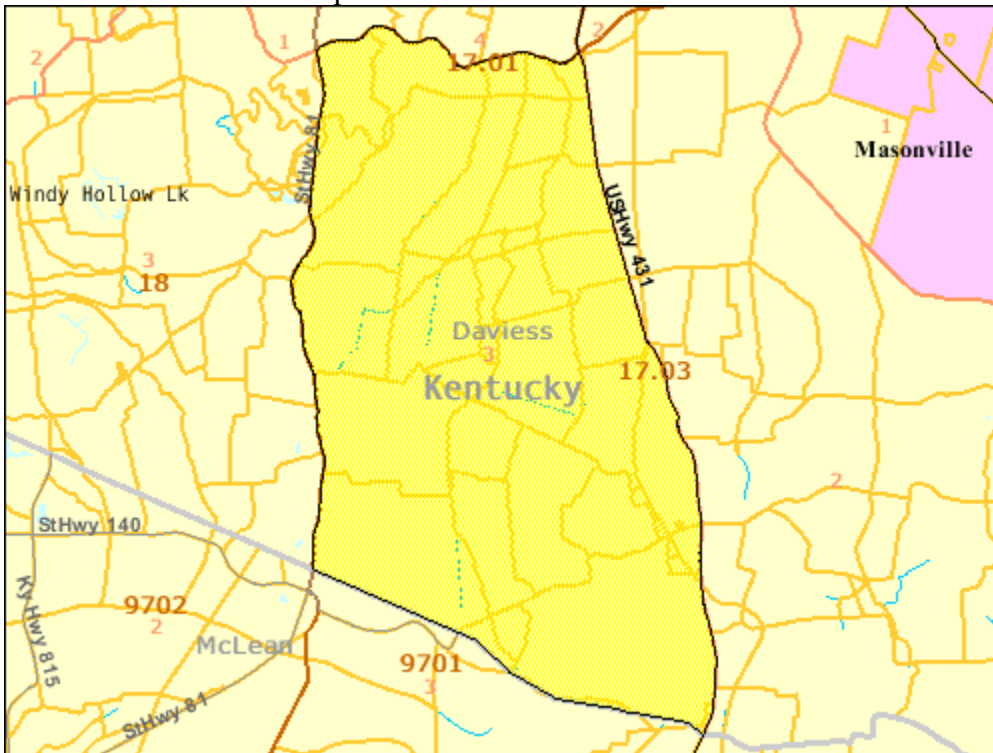


*Source: US Census Bureau website

Phase II - Daviess County Block Groups

Figure 10.3

Tract 17.03 – Block Group 3



*Source: US Census Bureau website

APPENDIX 9

Other Maps

Figure 11.1, Environmental Justice Target Populations in Muhlenberg County, Kentucky

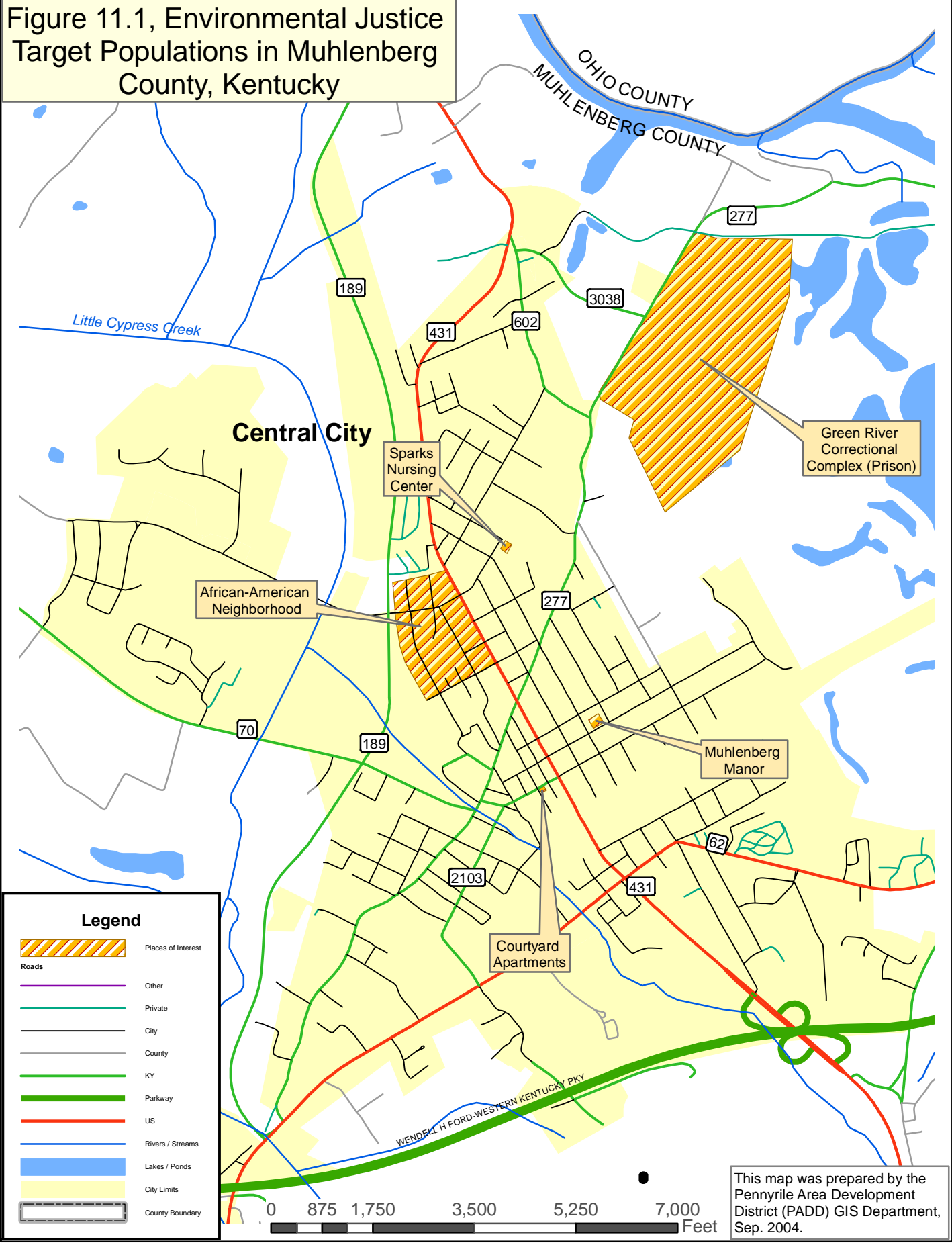


Figure 11.1A
Environmental Justice Target Population
in Muhlenberg County, Kentucky

African American
Neighborhoods

Cleaton

African American
Neighborhoods

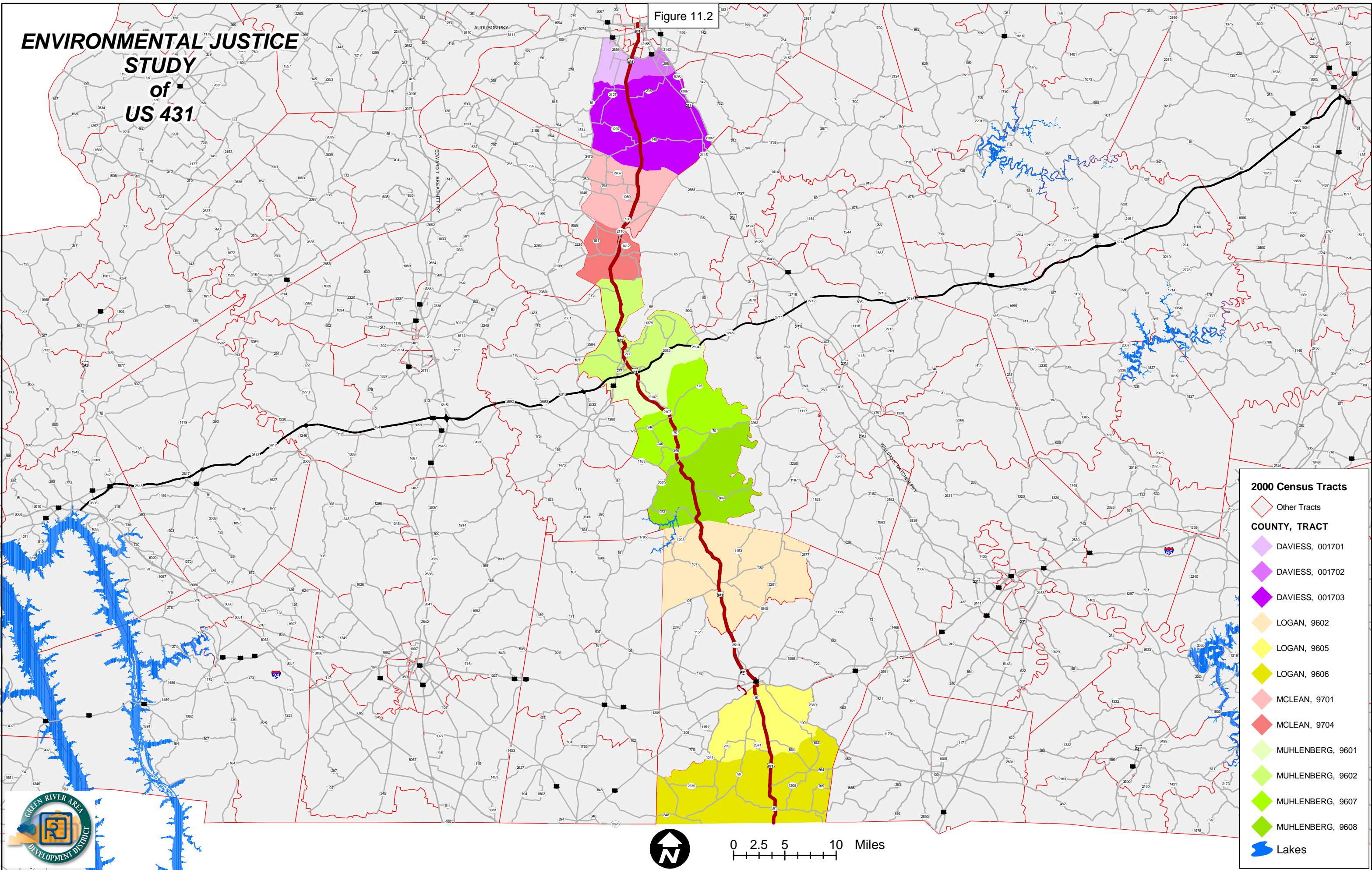
Drakesboro



1" = 2500 feet

ENVIRONMENTAL JUSTICE STUDY of US 431

Figure 11.2



- 2000 Census Tracts**
- ◇ Other Tracts
- COUNTY, TRACT**
- ◇ DAVIESS, 001701
 - ◇ DAVIESS, 001702
 - ◇ DAVIESS, 001703
 - ◇ LOGAN, 9602
 - ◇ LOGAN, 9605
 - ◇ LOGAN, 9606
 - ◇ MCLEAN, 9701
 - ◇ MCLEAN, 9704
 - ◇ MUHLENBERG, 9601
 - ◇ MUHLENBERG, 9602
 - ◇ MUHLENBERG, 9607
 - ◇ MUHLENBERG, 9608
 - ◇ Lakes