

### Socioeconomic and Demographic Characteristics

The tables shown in this appendix have been excerpted from Section 2.4 of the “Socioeconomic Analysis” (August 2012) prepared for the KY 32 project. The report is summarized in Section 3.3 of this “Environmental Assessment (EA).” The full report is on file with KYTC.

The following tables summarize the trends and status of the socioeconomic and demographic characteristics for the Commonwealth of Kentucky, Rowan County, Elliott County, and the proposed project's study area, as recorded in the 2010 Census (see *Environmental Assessment*, Figure 3, “Socioeconomic Study Area”). The study area includes two census tracts and three block groups: Census Tract 9504, Block Group 3 in Rowan County, and Census Tract 9201, Block Groups 2 and 3 in Elliott County. The three Census Block Groups containing the proposed project right-of-way were examined, and are collectively referred to as the “Socioeconomic Study Area.”

**Table 3: Population Trends and Projections**

|                       | YEAR      |           |           |           |           |           |
|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|
|                       | 1980      | 1990      | 2000      | 2010      | 2020      | 2030      |
| <b>Kentucky</b>       | 3,665,364 | 3,692,550 | 4,041,769 | 4,339,367 | 4,672,754 | 4,951,178 |
| Number Change         | 429,243   | 27,186    | 349,219   | 297,598   | 333,387   | 278,424   |
| % Change              | 13.3      | 0.7       | 9.5       | 7.4       | 7.7       | 6.0       |
| <b>Rowan County</b>   | 19,288    | 20,442    | 22,094    | 23,333    | 24,708    | 25,862    |
| Number Change         | 2,175     | 1,134     | 1,672     | 1,239     | 1,375     | 1,154     |
| % Change              | 12.7      | 5.9       | 8.2       | 5.6       | 5.9       | 4.7       |
| <b>Elliott County</b> | 6,911     | 6,445     | 6,748     | 7,852     | 8,078     | 8,127     |
| Number Change         | 964       | -466      | 303       | 1,104     | 226       | 49        |
| % Change              | 16.2      | -6.7      | 4.7       | 16.4      | 2.9       | 0.6       |

Sources: U.S. Bureau of the Census, 1980, 1990, 2000 and 2010. University of Louisville, Urban Studies Institute, Kentucky State Data Center (<http://ksdc.louisville.edu/kpr/projections.htm>). Years 2020 and 2030 projections were released May 5, 2011 by the Kentucky State Data Center.

**Table 4a: Comparative Population Characteristics, 2000 and 2010 Census**

|                   | Kentucky  |           | Elliott County |       | Rowan County |        | Study Area <sup>1</sup> |       |
|-------------------|-----------|-----------|----------------|-------|--------------|--------|-------------------------|-------|
|                   | 2000      | 2010      | 2000           | 2010  | 2000         | 2010   | 2000                    | 2010  |
| <b>Population</b> | 4,041,769 | 4,339,367 | 6,748          | 7,852 | 22,094       | 23,333 | 2,928                   | 3,958 |
| <b>Age (%)</b>    |           |           |                |       |              |        |                         |       |
| 0-17              | 24.6      | 23.5      | 25.4           | 20.4  | 20.3         | 19.6   | 25.1                    | 16.7  |
| 18-64             | 62.9      | 63.2      | 61.2           | 65.2  | 69.3         | 68.1   | 64.5                    | 71.0  |
| 65+               | 12.5      | 13.3      | 13.4           | 14.4  | 10.4         | 12.3   | 10.4                    | 12.3  |
| <b>Race (%)</b>   |           |           |                |       |              |        |                         |       |
| White             | 89.3      | 86.3      | 98.6           | 95.2  | 95.3         | 95.4   | 100.0                   | 92.6  |
| Non-White         | 10.7      | 13.7      | 1.4            | 4.8   | 4.7          | 4.6    | 0.0                     | 7.4   |

Sources: U.S. Bureau of the Census, 2000 and 2010. University of Louisville, Urban Studies Institute, Kentucky State Data Center.

<sup>1</sup> Total population characteristics for the Census Block Groups adjoining or containing the proposed project. See Table 4b for individual Block Group characteristics.

**Table 4b: Comparative Population Characteristics, 2000 and 2010 Census; Study Area Census Block Groups**

|                   | BG 9504-3 |      | BG (9802-2) 9201-2 |       | BG (9802-3) 9201-3 |       | Study Area Total |       |
|-------------------|-----------|------|--------------------|-------|--------------------|-------|------------------|-------|
|                   | 2000      | 2010 | (2000)             | 2010  | (2000)             | 2010  | 2000             | 2010  |
| <b>Population</b> | 941       | 952  | 902                | 1,881 | 1,085              | 1,125 | 2,928            | 3,958 |
| <b>Age (%)</b>    |           |      |                    |       |                    |       |                  |       |
| 0-17              | 24.9      | 22.6 | 26.1               | 10.1  | 24.4               | 22.6  | 25.1             | 16.7  |
| 18-64             | 68.5      | 62.5 | 62.0               | 81.0  | 63.1               | 61.7  | 64.5             | 71.0  |
| 65+               | 6.6       | 14.9 | 11.9               | 8.9   | 12.5               | 15.7  | 10.4             | 12.3  |
| <b>Race (%)</b>   |           |      |                    |       |                    |       |                  |       |
| White             | 100.0     | 99.8 | 100.0              | 85.0  | 100.0              | 99.4  | 100.0            | 92.6  |
| Non-White         | 0.0       | 0.2  | 0.0                | 15.0  | 0.0                | 0.6   | 0.0              | 7.4   |

Sources: U.S. Bureau of the Census, 2000 and 2010. University of Louisville, Urban Studies Institute, Kentucky State Data Center.

Census Tract 9201 in Elliott County was renamed for the 2010 Census, but was formerly known as 9802 in the 2000 Census.

**Table 5: 2010 Race Data; Kentucky, Rowan County, Elliott County, and Study Area**

| Geographic Area  | Total Population | One Race               |             |                                 |                                       |             |  |                       | Population of Two or More Races | Hispanic or Latino Origin |
|--|------------------|------------------------|-------------|---------------------------------|---------------------------------------|-------------|--|-----------------------|---------------------------------|---------------------------|
|  |                  | Population of One Race | White Alone | Black or African American Alone | American Indian & Alaska Native Alone | Asian Alone | Native Hawaiian & Other Pacific Islander Alone | Some Other Race Alone |                                 |                           |
| Kentucky   |                  |                        |             |                                 |                                       |             |  |                       |                                 |                           |
| Total  | 4,339,367        | 4,264,159              | 3,809,537   | 337,520                         | 10,120                                | 48,930      | 2,501  | 55,551                | 75,208                          | 132,836                   |
| %  | 100              | 98.3                   | 87.8        | 7.8                             | 0.2                                   | 1.1         | 0.05   | 1.3                   | 1.7                             | 3.1                       |
| Rowan County   |                  |                        |             |                                 |                                       |             |  |                       |                                 |                           |
| Total  | 23,333           | 23,091                 | 22,420      | 349                             | 34                                    | 180         | 4  | 104                   | 242                             | 294                       |
| %  | 100              | 99.0                   | 96.1        | 1.5                             | 0.1                                   | 0.8         | 0.02   | 0.4                   | 1.0                             | 1.3                       |
| Elliott County   |                  |                        |             |                                 |                                       |             |  |                       |                                 |                           |
| Total  | 7,852            | 7,809                  | 7,506       | 268                             | 10                                    | 5           | 7  | 13                    | 43                              | 62                        |
| %  | 100              | 99.5                   | 95.6        | 3.4                             | 0.1                                   | 0.06        | 0.09   | 0.2                   | 0.5                             | 0.8                       |
| Study Area (Census Block Groups containing the proposed project) |                  |                        |             |                                 |                                       |             |  |                       |                                 |                           |
| 9504-3   | 952              | 952                    | 949         | 0                               | 1                                     | 1           | 0  | 0                     | 0                               | 1                         |
| 9201-2   | 1,881            | 1,874                  | 1,587       | 257                             | 5                                     | 2           | 0  | 2                     | 7                               | 21                        |
| 9201-3   | 1,125            | 1,120                  | 1,115       | 1                               | 0                                     | 0           | 0  | 0                     | 5                               | 4                         |
| Total  | 3,958            | 3,946                  | 3,651       | 258                             | 6                                     | 3           | 0  | 2                     | 12                              | 26                        |
| %  | 100              | 99.7                   | 92.2        | 6.5                             | 0.15                                  | 0.07        | 0  | 0.05                  | 0.3                             | 0.65                      |

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

Table 6: Employment Status, 2006-2010 ACS 5-Year Estimates

| Subject                                       | Kentucky  |       | Elliott County |       | Rowan County |       | Study Area |     |
|---|-----------|-------|----------------|-------|--------------|-------|------------|-----|
|   | Number    | %     | Number         | %     | Number       | %     | Number     | %   |
| <b>Population 16 years and over</b>           | 3,383,799 | 100.0 | 6,071          | 100.0 | 19,090       | 100.0 | n/a        | n/a |
| In Labor Force                                | 2,056,333 | 60.8  | 2,382          | 39.2  | 10,428       | 54.6  | n/a        | n/a |
| Civilian Labor Force                          | 2,038,921 | 60.3  | 2,364          | 38.9  | 10,409       | 54.5  | n/a        | n/a |
| Employed                                      | 1,871,531 | 55.3  | 1,945          | 32.0  | 9,761        | 51.1  | n/a        | n/a |
| Unemployed                                    | 167,390   | 4.9   | 419            | 6.9   | 648          | 3.4   | n/a        | n/a |
| Armed Forces                                  | 17,412    | 0.5   | 18             | 0.3   | 19           | 0.1   | n/a        | n/a |
| Not in Labor Force                            | 1,327,466 | 39.2  | 3,689          | 60.8  | 8,662        | 45.4  | n/a        | n/a |
| <b>Females 16 years and over</b>              | 1,741,767 | 100.0 | 2,694          | 100.0 | 9,808        | 100.0 | n/a        | n/a |
| In Labor Force                                | 967,858   | 55.6  | 1,193          | 44.3  | 5,246        | 53.5  | n/a        | n/a |
| Civilian Labor Force                          | 966,211   | 55.5  | 1,193          | 44.3  | 5,246        | 53.5  | n/a        | n/a |
| Employed                                      | 891,506   | 51.2  | 949            | 35.2  | 5,071        | 51.2  | n/a        | n/a |
| <b>Own Children under 6 years</b>             | 315,702   | 100.0 | 451            | 100.0 | 1,438        | 100.0 | n/a        | n/a |
| All parents in family in labor force          | 196,494   | 62.2  | 252            | 55.9  | 818          | 56.9  | n/a        | n/a |
| <b>Unemployment Rate<sup>1</sup> May 2012</b> | 8.1       |       | 10.5           |       | 6.9          |       | n/a        |     |

Sources: U.S. Bureau of the Census, 2006-2010, ACS 5-Year Estimates. Kentucky Department for Workforce Investment.

<sup>1</sup> (<http://www.workforcekentucky.ky.gov>) U.S. Department of labor; Bureau of Labor Statistics. <sup>1</sup>The most recent (non-seasonally adjusted) rate available as of the preparation of this report.

Table 7: Employment by Industry, 2006-2010 ACS 5-Year Estimates

| Industry  | Kentucky         |            | Elliott County |            | Rowan County |            | Study Area |            |
|---|------------------|------------|----------------|------------|--------------|------------|------------|------------|
|   | Number           | %          | Number         | %          | Number       | %          | Number     | %          |
| Agriculture, forestry, fishing and hunting, mining                                  | 56,777           | 3.0        | 103            | 5.3        | 198          | 2.0        | n/a        | n/a        |
| Construction  | 127,740          | 6.8        | 224            | 11.5       | 689          | 7.1        | n/a        | n/a        |
| Manufacturing   | 263,957          | 14.1       | 198            | 10.2       | 823          | 8.4        | n/a        | n/a        |
| Wholesale trade   | 52,862           | 2.8        | 12             | 0.6        | 51           | 0.5        | n/a        | n/a        |
| Retail trade  | 219,997          | 11.8       | 278            | 14.3       | 1,276        | 13.1       | n/a        | n/a        |
| Transportation and warehousing, and utilities                                       | 112,522          | 6.0        | 104            | 5.3        | 381          | 3.9        | n/a        | n/a        |
| Information   | 35,268           | 1.9        | 49             | 2.5        | 141          | 1.4        | n/a        | n/a        |
| Finance, insurance, real estate, and rental and leasing                             | 106,184          | 5.7        | 5              | 0.3        | 412          | 4.2        | n/a        | n/a        |
| Professional, scientific, management, administrative, and waste management services | 141,344          | 7.6        | 102            | 5.2        | 366          | 3.7        | n/a        | n/a        |
| Educational, health and social services   | 434,493          | 23.2       | 529            | 27.2       | 3,733        | 38.2       | n/a        | n/a        |
| Arts, entertainment, recreation, accommodation and food services                    | 149,384          | 8.0        | 61             | 3.1        | 973          | 10.0       | n/a        | n/a        |
| Other services (except public administration)                                       | 88,588           | 4.7        | 160            | 8.2        | 372          | 3.8        | n/a        | n/a        |
| Public administration   | 82,415           | 4.4        | 120            | 6.2        | 346          | 3.5        | n/a        | n/a        |
| <b>Total</b>  | <b>1,871,531</b> | <b>100</b> | <b>1,945</b>   | <b>100</b> | <b>9,761</b> | <b>100</b> | <b>n/a</b> | <b>n/a</b> |

Source: U.S. Bureau of the Census, 2006-2010 ACS 5-Year Estimates.

**Table 8: Median Household Income, Per Capita Income, and Percent Living Below Poverty Level, 2006-2010 ACS 5-Year Estimates**

|   | Kentucky | Elliott County | Rowan County | Study Area |
|---|----------|----------------|--------------|------------|
| <b>Median Household Income</b>                  |          |                |              |            |
| Total   | \$41,576 | \$22,097       | \$31,604     | n/a        |
| <b>Per Capita Income</b>                        |          |                |              |            |
| Total   | \$22,515 | \$13,072       | \$17,435     | n/a        |
| <b>Percent Living Below Poverty Level</b>       |          |                |              |            |
| Total %   | 17.7     | 36.5           | 29.8         | n/a        |
| % of All Youths (Ages 0-17) Below Poverty Level | 24.3     | 50.6           | 34.0         | n/a        |
| % of All Elderly (Ages 65+) Below Poverty Level | 12.7     | 25.6           | 22.1         | n/a        |

Source: U.S. Bureau of the Census, 2000, 2006-2010 ACS 5-Year Estimates.

**Table 9: Commuting to Work, 2006-2010 ACS 5-Year Estimates**

| Subject                            | Kentucky  |       | Elliott County |       | Rowan County |       | Study Area |     |
|------------------------------------|-----------|-------|----------------|-------|--------------|-------|------------|-----|
|                                    | Number    | %     | Number         | %     | Number       | %     | Number     | %   |
| Workers 16 years and over          | 1,839,402 | 100.0 | 1,918          | 100.0 | 9,592        | 100.0 | n/a        | n/a |
| Car, truck, or van – drove alone   | 1,499,327 | 81.5  | 1,537          | 80.1  | 7,022        | 73.2  | n/a        | n/a |
| Car, truck, or van – carpooled     | 201,935   | 11.0  | 247            | 12.9  | 1,358        | 14.2  | n/a        | n/a |
| Public transportation              | 21,331    | 1.2   | 20             | 1.0   | 0            | 0.0   | n/a        | n/a |
| Walked                             | 40,097    | 2.2   | 39             | 2.0   | 650          | 6.8   | n/a        | n/a |
| Other means                        | 19,798    | 1.1   | 10             | 0.5   | 96           | 1.0   | n/a        | n/a |
| Worked at home                     | 56,914    | 3.1   | 65             | 3.4   | 466          | 4.9   | n/a        | n/a |
| Mean travel time to work (minutes) | 22.5      |       | 32.7           |       | 22.9         |       | n/a        |     |

Source: U.S. Bureau of the Census, 2000, 2006-2010 ACS 5-Year Estimates.