

## Technical Notes

### General Disclaimer:

Direct comparisons between data in this publication of the County Profile Report and the previous edition published by the Kentucky Council on Postsecondary Education should be made with caution. Much of the information in this publication is based on data from the 2010 US Census, the previous report was based on data from the 2000 US Census; a ten year gap. Also, many metrics and measures changed between publications. Each data item is defined below.

### Basic Facts:

#### Total Population

Source: US Census Bureau, 2010 State and County Quick-Facts. <http://quickfacts.census.gov/qfd/states/21000.html>

#### Median Household Income

The Census defines a household as any group of related or unrelated individuals living together other than in group quarters such as dormitories, prisons, or military barracks. Half of all households have an income higher than the median, and half have an income lower than the median. The Census calculates median household incomes for counties, states, and the nation, but there is no way to mathematically combine medians, so we are unable to report median household incomes for Area development Districts or Workforce Investment Boards. Source: US Census Bureau, 2006-2010 American Community Survey, Table ID B19013 (5 year estimates).

<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>

#### Per Capita Income

Source: US Census Bureau, 2006-2010 American Community Survey, Table ID B19301 (5 year estimates).

<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>

#### Living in Poverty

The percentage of the population living in households with incomes below the federally defined poverty level. Area Development District and Workforce Investment Board percentages were calculated by weighting each county's percentages by the total county population and should be treated as estimates. Source: US Census Bureau, 2006-2010 American Community Survey, Table ID S1701 (5 year estimates).

<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>

#### Eligible for Medicaid

The percentage of the population eligible for Medicaid assistance. The state percentage is more than the combination of the county percentages due to the inclusion of eligible persons not assigned to a specific county. Comparable national data are not available. Source: Kentucky Department for Medicaid Services (2010). <http://chfs.ky.gov/dms/stats.htm#CharacteristicsofBeneficiaries>

#### Without Medical Insurance

The percentage of the population under the age of 65 not

covered by medical insurance. Area Development District and Workforce Investment Board percentages are calculated by weighting each county's percentage by the total county population. Source: US Census, Small Area Health Insurance Estimates Program (2009 estimates).

<http://www.census.gov/did/www/sahie/data/2009/tables.html>

#### Registered Voters who Voted in the 2008 General Election

The national percentage refers to the 48 states (and the District of Columbia) which required voters to be registered before voting for a Presidential candidate in the 2008 general election. (Wisconsin and North Dakota did not require voter registration.) Sources: Kentucky State Board of Elections (general election, Nov 2008). <http://elect.ky.gov/statistics/Pages/turnoutstatistics.aspx> National Source: <http://uselectionatlas.org>

#### Unemployment Rate

The percentage of the civilian workforce that is actively looking for work but is unable to find it. Source: Kentucky Office of Employment and Training (2010 annual averages of monthly estimates). Area Development District and Workforce Investment Board percentages are calculated by weighting each county's percentage by the total county population.

<http://www.workforcekentucky.ky.gov/cqi/dataAnalysis/AreaSelection.asp?tableName=Laborforce&orderBy=area>

#### Access to Broadband Internet

Access to broadband is defined as the percentage of households in a county population with broadband or internet availability as of 12/31/2010. This does not suggest everyone who has potential access actually uses it. Area Development District and Workforce Investment Board percentages are calculated by weighting each county's percentage by the total county population. The previous publication provided a measurement of usage from a source that is no longer available. Source: National Telecommunications and Information Administration. <http://broadbandmap.gov/>

#### Educational Attainment:

##### Highest Level of Education

All of these percentages by education level are estimates for the adult population ages 25 and over. Area Development District and Workforce Investment Board percentages are calculated by weighting each county's percentage by the county's age 25 and over population. Source: [US Census Bureau](http://www.census.gov), 2006-2010 American Community Survey, Table ID S1501 (5 year estimates). <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>

#### College Readiness:

##### Average GPA for 2010 Graduates

The average Grade Point Averages (GPA) for graduates from counties, Area Development Districts, and Workforce Investment Boards include 2010 graduates from accountable high

schools only and do not include alternative schools. The State's GPA score is an average of all public school graduates. Source: Kentucky Department of Education.

##### Average Junior Year ACT Composite Score for 2010 Graduates

The ACT exam was modified and the benchmarks for achieving a passing score was increased therefore scores across the board are slightly lower than reported in the previous publications. The previous publication displayed the average ACT scores using the 2005-06 twelfth-graders' highest composite score achieved on any date through October 2006. This publication displays the average ACT score of tested 2008-09 eleventh graders who graduated in 2010. Due to the different method used to arrive at the average ACT score and the change in the benchmark scores used to determine college readiness between the two publications, direct comparisons cannot be made. Source: Kentucky Department of Education and CPE Benchmark

##### Graduates Ready for College Level Mathematics

The percentage of eleventh graders who took the ACT statewide administration in 2008-2009 and scored at least a 19 on the mathematics section. Source: Kentucky Department of Education and CPE Benchmark

##### Graduates Ready for College Level English

The percentage of eleventh graders who took the ACT statewide administration in 2008-2009 and scored at least an 18 on the English section. Source: Kentucky Department of Education and CPE Benchmark.

##### Graduates Ready for College Level Reading

The percentage of eleventh graders who took the ACT statewide administration in 2008-2009 and scored at least a 20 on the reading section. Source: Kentucky Department of Education and CPE Benchmark

##### 2010 Employment by Sector Pie Chart:

All employment numbers are 2010 annual averages of data collected by the Kentucky Office of Employment and Training in the Quarterly Census of Employment and Wages (QCEW). The QCEW is a quarterly survey of Kentucky employers covering all employment subject to state unemployment insurance withholding or similar federal programs. This excludes the self-employed, federal employees, and the military. The QCEW is a census of jobs at the place of employment rather than at the employees' places of residence. Federal disclosure rules require employment numbers to be concealed if it is reasonably possible to more-or-less accurately estimate a single employer's employment numbers based on the data reported.

##### 1980-2010 Percentage Living in Poverty Graph:

This graph includes the decennial census data for the years 1980 to 2000 and the 2010 annual census data from the US Census Bureau American Community Survey for the percentage of the population living in households with incomes below the federally defined poverty level. Source: US Census

## Education Pipeline:

### Public K-12 Enrollment in 2010-2011

The total count of students enrolled in a public Kentucky school on the last day of the 2010-2011 school year as reported in the Superintendent's Annual Attendance Report (SAAR) Ethnic Membership Report. Source: Kentucky Department of Education.

### Private K-12 Enrollment in 2010-2011

The number of students enrolled in private non-profit and home schools from the Declaration of Participation report. Source: Kentucky Department of Education.

### Special Education Population in 2010-2011

The number of students between the ages of 6-21 enrolled in a special education program in Kentucky schools. Source: Kentucky Department of Education.

### Students with Free and Reduced Lunch in 2010-2011

The percentage of individuals eligible for free or reduced-priced meals in public schools (includes K-12 students, preschool/Head Start students, and some adults who qualify through the National School Lunch Program). Source: Kentucky Department of Education as of October, 2010.

### Students Enrolled in Kentucky Virtual High School in 2011-2012

The number of students enrolled in Kentucky Virtual High Schools during the 2011-2012 school year. Source: Kentucky Department of Education.

### Public High School Graduates in 2009-2010

The number of high school students who are indicated as graduates in the high school transition database. Source: Kentucky Department of Education.

### Kentucky Adult Education Enrollments for 2010-2011

Comparisons cannot be made to the adult enrollment numbers in the previous County Profile publication due to a change in the methodology used for counting enrollments. The state number is greater than the sum of the county numbers due to the inclusion of enrollments not assigned to a specific county. Source: Kentucky Adult Education

### GEDs Awarded in 2010-2011

The state number is greater than the sum of the county numbers due to the inclusion of GED awards not assigned to a specific county. Source: Kentucky Adult Education (fiscal year 2010-2011).

### High School Graduates (public) Entering Postsecondary Education in 2010-2011

The number of 2009-2010 graduating seniors entering postsecondary education in 2010-2011. Comparisons cannot easily be made to the previous publication which counted all first time students entering college.

Source: Kentucky Department of Education, Council on Postsecondary Education.

### In-State College Going Rate in 2010-2011

The percentage of 2009-2010 graduating seniors entering postsecondary education in Kentucky in 2010-2011. Data for public and independent in-state colleges and universities are provided by matching actual student level records with college enrollment records from CPE. Data for in-state proprietary and other private in-state colleges are provided by the Kentucky Higher Education Assistance

Authority. Source: Kentucky Higher Education Assistance Authority, Council on Postsecondary Education, and Kentucky Department of Education.

### Out-of-State College Going Rate in 2010-2011

The percentage of 2009-2010 graduating seniors entering postsecondary education outside Kentucky in 2010-2011. Data on out-of-state colleges and universities are provided by the Kentucky Higher Education Assistance Authority through the National Student Clearing House. While the vast majority of colleges and universities participate in the National Student Clearing House, some do not. Source: Kentucky Higher Education Assistance Authority and Kentucky Department of Education.

### Students Earning a Postsecondary Certificate or Diploma in 2010-2011

Source: Council on Postsecondary Education (academic year 2010-2011).

### Students Earning an Associate's Degree in 2010-2011

Source: Council on Postsecondary Education (academic year 2010-2011).

### Students Earning a Bachelor's Degree in 2010-2011

Source: Council on Postsecondary Education (academic year 2010-2011).

### Students Earning a Bachelor's Degree in Science, Technology, Engineering, or Mathematics (STEM) in 2010-2011

Source: Council on Postsecondary Education (academic year 2010-2011).

### Students Earning a Graduate or Professional Degree in 2010-2011

Source: Council on Postsecondary Education (academic year 2010-2011).

### National Career Readiness Certificates (NCRC) Awarded in 2011

The National Career Readiness Certificate (NCRC) is an industry-recognized, portable, evidence-based credential that certifies essential skills needed for workplace success. This credential is used across all sectors of the economy and verifies the following cognitive skills: problem solving, critical thinking, reading and using work-related text, applying information from workplace documents to solve problems, applying mathematical reasoning to work-related problems, setting up and performing work-related mathematical calculations, locating - synthesizing, and applying information that is presented graphically, comparing, summarizing, and analyzing information presented in multiple related graphics. Source: ACT, Inc.

### Bachelor's Degree Six-year Graduation Rate for 2005 Cohort

The proportion of students who entered a four-year institution in the summer or fall of 2005 as a first-time, full-time baccalaureate degree-seeking student who earned a baccalaureate degree within six years. Data for counties with fewer than 10 students are suppressed. Source: Kentucky Council on Postsecondary Education Comprehensive Database (KPEDS).

### Associate's Degree Three-year Graduation Rate for 2008 Cohort

The proportion of students who entered a two-year institution in the summer or fall of 2008 as a first-time, full-time associate degree-seeking student who earned an associate degree within three years. Data for counties with fewer than 10 students are suppressed. Source: Kentucky Council

on Postsecondary Education Comprehensive Database (KPEDS).

### 2010 Public High School Graduates College Enrollment Pie Chart

The number of students enrolled in Kentucky's public and private non-profit colleges in the fall of 2010. The institutions with the greatest number of enrollments are listed; all other institutions with enrollments are included in the 'other' section. The 'no enrollment' percentages may be slightly understated if students attended more than one institution. Source: Council on Postsecondary Education.

### Financial Aid to Students:

#### Federal Grants and Scholarship Awards for 2010-2011

Includes students at all two and four-year public institutions, however only the following non-public institutions submitted the data necessary for this report: Georgetown College, University of Pikeville, St. Catharine College, and Thomas More College. Source: Kentucky Council on Postsecondary Education Comprehensive Database (academic year 2010-11).

#### Institutional Grants and Scholarship Awards for 2010-2011

Includes students at all two and four-year public institutions, however only the following non-public institutions submitted the data necessary for this report: Georgetown College, University of Pikeville, St. Catharine College, and Thomas More College. Source: Kentucky Council on Postsecondary Education Comprehensive Database (academic year 2010-11).

#### Kentucky Education Excellence Scholarship (KEES) Awards for 2010-2011

The state number is greater than the sum of the county numbers due to scholarships not assigned to a specific county. Source: Kentucky Higher Education Assistance Authority (academic year 2010-11).

#### Undergraduate Student Loans for 2010-2011

Source: Kentucky Higher Education Assistance Authority (academic year 2010-11).

#### 1980-2010 Percentage of Adults with a Bachelor's Degree or Higher Bar Chart

The chart represents the percentage of adults ages 25 and over with a bachelor's degree or higher. Source: US Census Decennial data for 1980, 1990, and 2000, US Census 2006-2010 American Community Survey for 2010.

### Suppression of Data:

#### Employment Data

In accordance with the Bureau of Labor and Statistics (BLS) policy, data reported under a promise of confidentiality are not published in an identifiable way and are used only for specified statistical purposes. BLS withholds the publication of UI-covered employment and wage data for any industry level when necessary to protect the identity of cooperating employers.

#### Education Data

Values that are not available or are suppressed to preserve individual privacy are left blank or labeled n/a.