

Insights from the Greater Louisville Project's Jefferson County Education Pipeline and Insight Sources, October 1, 2008

Insight	Source
Studies have found that a dollar invested in early development returns up to \$17 as a result of higher education attainment.	Rob Grunewald and Art Rolnick, Federal Reserve Bank of Minneapolis, "Early Childhood Development: Economic Development with a High Public Return" PowerPoint presentation
Of the 10,000 children born each year, about 2,100 are born into poverty	2007 Kentucky KIDS COUNT data book, for Jefferson County, http://www.kyyouth.org/KIDS_COUNT/State/Indicator "Children living in poverty (number & percent of all children)" , 21% for 2004 (apparently the latest available percentage). 21% of 10,100 is 2,100.
...4,900 (63%) will qualify for free- or reduced-price lunch when they enter first grade.	Jefferson County Public Schools
The percentage of public school students scoring at least "proficient" drops from 66% to 61% in reading and from 59% to 48% in math between elementary and middle school.	http://www.kde.state.ky.us/oaa/Implement/School_Report_Card/documents/20072008/Jefferson_County/Jefferson_County.PDF Jefferson County Public Schools District Report Card for 2006-2007 School year. Page 2 of 5, "Kentucky Core Content Tests" chart. Percentage of 2007 Elementary school students scoring "proficient or distinguished" in reading in this district: 66% In math: 59%. Percentage of 2007 Middle School students scoring "proficient or distinguished" in reading in this district: 61% In math: 48%
In a typical year, JCPS identifies about a thousand eighth graders at serious risk for dropping out as they head off to high school.	Date: Tue, 15 Jul 2008, email from Roberty Rodosky, Head of JCPS Research and Accountability department, with a cc to Mark Mcafferty, to Liz Alkire, GLP. "The answer is 1055 eighth graders going to 9th grade. We look at 7 criteria at the end of the school year: overage in grade level; greater than one course failed; greater than 13 days absent; more than one suspension; on free or reduced lunch; GPA in English less than 2.0: GPA less than 2.0 in Math. A student has to meet 3 of the 7 to be considered at risk."
Best estimates are that Jefferson County Public Schools graduate about three-quarters of students who enter 9 th grade.	Kentucky Department of Education, Graduation Rates by District and High School, for Jefferson County School District, 2006 Graduation rate = 74%; 2007 Graduation rate, 73%
The largest number of drop-outs occur during the first two years of high school.	Editorial Projects in Education Research Center, www.edweek.org/rc , "The High School Pipeline," 2/21/08.
About 200 students will earn a diploma after a fifth year of high school,	Don Corson, with JCPS research department, says 5th year grads add an additional (75.78%-72.57%=3.21%) 3.21% to the graduation rate for JCPS. 72.57% is the 2007 JCPS graduation rate. Don Corson said the 5th year graduates would increase that to 75.78%. So using this latest available data, GLP will add 3.21% additional graduates to the pipeline. 6900 graduates multiplied by 3.21% = 221 students.
...by age 24, 830 will earn a GED.	CPE reports the 2005 KY GED pass rate at 77%. In 2007-2008, Julie Scoskie with Jefferson County Adult Education reports that 1,675 people took the GED test (they do not track numbers of GEDs received). 1,079 of these individuals were between the ages of 16 and 24. GLP multiplied the latest KY GED pass rate by this number (77% * 1,079) to reach 830

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The 80% of local high school graduates who enter postsecondary school is roughly comparable to the college-going rate in cities with higher education attainment	About 60% of Louisville's young adults age 25-34 have some college, an associates degree or a bachelors degree or above; Compared to other top tier cities in the percentage of young adults with a BA or above, Richmond is ranked number three and 60% of their young adults falls into this category; Nashville is number five and 62% of its young adults have some college, an AA, BA or above. Source: 2006 ACS data, B15001. SEX BY AGE BY EDUCATIONAL ATTAINMENT FOR THE POPULATION 18 YEARS AND OVER - Universe: POPULATION 18 YEARS AND OVER
...but the proportion who leave with a bachelor's degree is lower	In Richmond, 42% of 25-34 year olds have a BA or above; in Nashville, 38% do. In Louisville, 30% do. Source: 2006 ACS data, B15001. SEX BY AGE BY EDUCATIONAL ATTAINMENT FOR THE POPULATION 18 YEARS AND OVER - Universe: POPULATION 18 YEARS AND OVER
Of the 1,400 who do not enter postsecondary school, 1,200 go straight to work	Jefferson County Public Schools, 2006 Transition to Adult Life file, http://www.education.ky.gov/NR/rdonlyres/1C8E183C-7B0C-41D7-9CD6-67801D4AFE74/0/Trans0206.pdf
...with about 300 employed in a field for which they earned a vocational credential in high school.	Ken Talley, Director of Vocational Education, Jefferson County Public Schools, via email to Liz Alkire on 7/23/08, confirming logic of finding 300 students from the graduating class of 2006 who had a career focus in high school and are now working in a field related to that career focus (does not include students who had a career focus and are now in school purusing a degree in that focus area; goal of narrowing to the 300 number was to show that of the 1,200 students estimated to go to work directly after high school graduation, some portion are perhaps making a living in a field for which they prepared in high school)
Jefferson Community and Technical College enrolls two-thirds of the 1,400 graduates who enter two-year college	File name "Jefferson Community and Technical College - Jefferson County Public Schools Enrollment Summary" prepared for GLP by Dr. Shawna Anderson in the JCTC Research department. Fall 2006 first-time freshmen enrollment, including credential-seeking and non credential-seeking, students who were graduates from high schools in Jefferson County - 924. 924/1,400 two-year institution-enrolling students in the pipeline = 66% enrolled at JCTC.
The best estimate for the graduation rate among those students is 30%	File name "Jefferson Community and Technical College - Jefferson County Public Schools Enrollment Summary" prepared for GLP by Dr. Shawna Anderson in the JCTC Research department. File reported "time to completion" for graduates of Jefferson County high schools at JCTC. GLP calculated an average graduation rate over 6 terms (spring 2006-fall 2007) for students who completed a degree in 2 or 3 years and found it to be 30%.
The University of Louisville enrolls almost 30% of college-going students from local high schools.	From the Council on Postsecondary Education's 2004 High School Feedback reports, found that 29.67% of graduates from Jefferson County high schools who enrolled in college after graduation, either in Kentucky or out-of-state, enrolled in the University of Louisville.
Its graduation rate has risen to 46% for the most-recent students	Graduation Rates of First-Time, Full-Time Bachelor's Degree-Seeking Students, Entering cohort of 2002, six year graduation rate was 46%, reported by University of Louisville Provost Dr. Shirley Willighanz, September 2008.