Human Capital Scorecard

February 2012

This eighth update of the KentuckianaWorks *Human Capital Scorecard* includes recently released data on college attainment of the adult population, enrollments and degrees awarded by level for postsecondary institutions, the high school graduation rate, and the number of GED passers. In addition, data on educational attainment is presented by age cohort. This release supersedes previous versions of the *Scorecard*.

The *Scorecard* provides these key measures of educational activity in the Louisville area along with a snapshot of where Louisville ranks among 16 comparison markets. The KentuckianaWorks' board believes Louisville's economic future hinges on having a flexible and highly educated workforce and that annual reports on educational attainment and enrollment are necessary to see if the community's improvement efforts have been successful. Hence, the organization has commissioned this annual tracking system so all stakeholders can monitor the progress.

Data through 2010 show certain patterns are emerging in the *Scorecard* tracking:

- The Census Bureau's American Community Survey is subject to sampling error, and, hence, estimates can fluctuate year-to-year. However, after two additional years of data, it appears now that the higher percentage of Jefferson County and Louisville Metropolitan Statistical Area (MSA) adults with high school degrees established in 2008 is a real and sustained gain. In addition, the percentage of adults with college degrees continues to climb and increased by about a percentage point. The overall pattern since 2000 is one of improvement, with a slow, but fairly steady, improvement in the attainment rates for Jefferson County and Louisville metro area adults. The change in the college attainment rate appears to have accelerated over the past two years.
- Of course, the competition is not standing still. According to the Census Bureau, high school and college attainment rates for most of the 15 comparison metropolitan areas also have risen. Fortunately, since 2005 the increase in Louisville's rates for both high school and college has been among the best of the peer group of metros, and this is reflected in most of the rankings. The rank of the Louisville MSA for both high school and college attainment has gone up by three spots. The recent slip in the Jefferson County high school attainment rate rank is largely a result of variability due to sampling error, as the rankings derived from an alternate series that takes into account the following year's data shows less variability from one year to the next. The Louisville MSA is now ahead of Greensboro, Memphis and Dayton in college attainment.
- We have high school graduation data through the 2008-09 school year. After slipping in 2007, graduation rates are back on the rise for both Jefferson County and the Louisville MSA. They are both well above the levels from 2000. While the ranking for the MSA fell

two spots to 10th, the graduation rate for Jefferson County currently ranks 6th among the central counties of the peer group of metro areas. As can be seen in the educational attainment percentages, the Louisville MSA suffers in the rankings due to shortcomings in the performance of some of its surrounding counties in comparison to the surrounding counties of the other metro areas.

- The overall performance of the Louisville MSA is pulled down by the counties surrounding Jefferson County, whose high school and, especially, college attainment rates are significantly less than the MSA's central county.
- While more people have been completing high school, the percentage of young adults (between 25 and 44) who have just a high school education has only begun to drop significantly the last few years. Consequently, after several years of having the highest percentage of adults who only have a high school degree among its peer metros, Louisville now ranks 3rd (in this, a lower rank is better). Among the central counties, Jefferson County is now just 7th in terms of the percentage of adults who have a high school diploma but no more, skipping all the way from 2nd place.
- When we look at the educational attainment of the youngest 10-year age cohorts, those between the ages of 25-34 and 35-44, the news is uniformly positive, especially for the latter cohort. The percentage of 25-34 year olds and 35-44 year olds who have a high school diploma or equivalent, who have at least attended some college, and who have earned a bachelor degree are at all-time highs. Some of this improvement may be due to sampling error fluctuations. However, since the historic highs have held steady for the last few years, it is likely they reflect a real trend. The rankings remained roughly the same from 2009 to 2010. The best change in the rankings was for the older cohort in terms of the percentage of people who have earned a Bachelor's degree. The Louisville MSA jumped three spots to 11th among the comparison metros. This indicates that not only are more people in this cohort going back to school but that they are finishing their degrees. We are seeing more people finishing their degrees in the 25-34 year old cohort as well.
- GED completions were down markedly in all but two of the comparison metros (Indianapolis and Kansas City). The Louisville MSA's 5 percent drop was actually 3rd best; the other peer metros saw their GED completions fall a collective 17 percent from 2009 to 2010. While the pattern is not uniform across the peer metros, it appears that the recession, beginning in 2007, created the impetus for many people to work on their GEDs. Now, with the "backlog" of potential GED completers diminished, a return to more normal levels may be seen. Because of the marked decrease in GED completions among the competitor metros, on a per capita basis, the Louisville MSA rank rose significantly from 7th all the way to 4th place.
- Postsecondary institutions in the Louisville metro area saw their 3rd consecutive year of significant increases in enrollment in 2010. This past year the increase was 3.8 percent and was about evenly split between full-time and part-time students. While enrollment at institutions granting at most an Associate degree was virtually flat, enrollment at institutions granting at least a Bachelor's degree grew by 6 percent. Seven colleges accounted for 90 percent of the enrollment increase – University of Louisville, Ivy Tech Community College, Spalding University, IU-Southeast, Bellarmine University, Brown Mackie College and Sullivan University. Total postsecondary enrollment is now 40 percent greater than it was a decade ago, with full-time enrollment up an even more impressive 58 percent.

- The enrollment figures seem to reflect the effects of the economic recession. But while the Louisville MSA did have a significant increase in enrollment, it was actually among the smallest increases, both in raw numbers and as a percentage, of the 15 comparison metros. As a result, Louisville's rankings for enrollment per capita remained largely constant.
- Louisville-area institutions awarded more than 1,200 more degrees in 2010 than in 2009, an increase of 9 percent. More than 800 of those degrees were awards below the Associate level (a nearly 27 percent increase), of which 467 were given by Jefferson Community & Technical College. While the increase in Bachelor's degrees was less than 2 percent, Graduate and First Professional degrees rose by about 5.5 percent.
- The increase in awards below the associate level at Jefferson Community & Technical College followed a year where there was a decrease of 427 such awards. In both instances just a handful of fields accounted for most of the changes. The fall occurred mostly in building trades, auto and mechanical trades, and office and real estate. Last year's gains were due to rebounds in carpentry, small engine mechanics and repair, and welding, as well as big gains in applied horticulture, heating, air conditioning and other industrial mechanics, and licensed practical and vocational nursing. Both the fall and rise seem to be reactions to the circumstances of the recent economic recession and slow recovery. Louisville now ranks 5th on a per capita basis among the peer metros for degrees at this level.
- Associate degrees awarded increased a healthy 5.6 percent, most of it attributable to Brown Mackie College. The number of Bachelor's degrees awarded grew by just 1.6 percent, but may be the reflection of the fact that enrollment at institutions awarding at least a Bachelor's degree was fairly level from 2003 to 2007. The University of Louisville accounted for all of the increase in Bachelor's degrees.
- Despite another year of award increases, Louisville's overall rank for awards, degrees and certificates per capita remained at 9th place. Louisville has been narrowing the gap between it and the metro areas just ahead of it in the rankings in all of the degree categories. The Louisville MSA has seen the 5th best increase in total degrees awarded per capita since 2000 among the comparison group of metros, ranking at least 8th best in each of the individual degree categories. In addition, Louisville is the only one of the 16 peer metro areas that moved up since 2000 in the degrees awarded per capita rankings in every category of award, from below-Associate certificates and diplomas to Graduate and First Professional programs.

The *Human Capital Scorecard* is produced for KentuckianaWorks by economic and demographic researchers at the University of Louisville. The *Scorecard* may be viewed online at www.kentuckianaworks.org or http://monitor.louisville.edu. For more information, contact Professor Paul Coomes (paul.coomes@louisville.edu) or Barry Kornstein (bjkorn01@louisville.edu).

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Louisville Area Human Capital

	Educational Attainment ♠	Geography	1990	2000	2005	2006	2007	2008	2009	2010
Attainment	% Adults with high school diploma or higher	Louisville MSA	72.9%	80.9%	84.8%	84.6%	85.5%	87.0%	86.8%	87.0%
	% Adults with bachelor's degree or higher	Louisville MSA	16.6%	21.2%	23.3%	23.2%	23.6%	24.0%	24.9%	25.9%
	% Adults with high school diploma or higher	Jefferson County	74.1%	81.8%	85.3%	85.8%	86.6%	88.0%	88.1%	87.4%
	% Adults with bachelor's degree or higher	Jefferson County	19.3%	24.8%	27.3%	27.6%	27.8%	28.4%	29.6%	30.3%
	Components ◙		**1990**	**2000**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**
	% Adults with high school only	Louisville MSA	33.0%	32.3%	32.8%	33.0%	34.0%	33.6%	32.5%	31.3%
	% Adults some college only	Louisville MSA	18.2%	21.6%	21.8%	21.6%	20.8%	22.3%	22.4%	22.8%
	% Adults with associate degree only	Louisville MSA	5.1%	5.8%	7.0%	6.8%	7.0%	7.1%	7.1%	7.0%
	% Adults with bachelors degree only	Louisville MSA	10.1%	13.1%	14.2%	14.1%	14.6%	14.5%	15.3%	16.3%
	% Adults with graduate or professional degree	Louisville MSA	6.4%	8.1%	9.1%	9.1%	9.0%	9.5%	9.6%	9.6%
	% Adults with high school only	Jefferson County	30.3%	29.1%	28.7%	30.0%	30.6%	30.7%	28.9%	27.6%
	% Adults some college only	Jefferson County	19.3%	22.4%	22.5%	22.0%	21.6%	22.6%	22.5%	22.8%
	% Adults with associate degree only	Jefferson County	5.2%	5.6%	6.8%	6.3%	6.6%	6.4%	7.0%	6.7%
	% Adults with bachelors degree only	Jefferson County	11.8%	15.2%	16.3%	16.4%	16.9%	16.6%	18.4%	18.6%
	% Adults with graduate or professional degree	Jefferson County	7.5%	9.6%	11.0%	11.2%	10.9%	11.7%	11.3%	11.7%
	Younger Age Cohorts		**1990**	**2000**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**
	% Adults 25-34 yrs old with high school diploma or higher	Louisville MSA	84.3%	87.5%	90.1%	88.4%	88.6%	90.3%	89.8%	89.1%
	% Adults 25-34 yrs old with some college or associate degre	Louisville MSA	30.5%	33.3%	35.0%	34.6%	32.6%	33.0%	33.0%	32.9%
	% Adults 25-34 yrs old with bachelors degree or higher	Louisville MSA	18.8%	25.6%	28.0%	25.5%	26.3%	30.0%	30.5%	31.5%
	% Adults 35-44 yrs old with high school diploma or higher	Louisville MSA	86.0%	87.4%	88.6%	88.9%	89.7%	91.4%	91.4%	90.7%
	% Adults 35-44 yrs old with some college or associate degre	Louisville MSA	29.4%	31.6%	31.6%	32.1%	31.1%	32.8%	34.8%	35.1%
	% Adults 35-44 yrs old with bachelors degree or higher	Louisville MSA	22.1%	22.1%	26.4%	26.0%	25.7%	27.4%	29.0%	29.7%
	K-12 Activity, Performance		**1990**	**2000**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**
Performance	Eighth Grade(t-4) Enrollment Based Graduation Rate ♣	Louisville MSA		75.5%	80.1%	82.5%	79.0%	79.7%	80.1%	
	Eighth Grade(t-4) Enrollment Based Graduation Rate	Jefferson County		72.8%	77.5%	81.3%	75.4%	77.4%	77.8%	
	GED Completions (calendar year)▲	Louisville MSA			1,985	1,862	2,063	1,963	1,904	1,807
	Postsecondary degrees, academic year ending Spring ▼		**1990**	**2000**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**
	All postsecondary awards, degrees, certificates	Louisville MSA	7,391	8,168	11,179	12,516	12,754	13,771	13,688	14,916
	Awards/certificates below associate level	Louisville MSA	1,347	1,149	2,301	3,069	3,045	3,679	3,076	3,903
	Associate degrees	Louisville MSA	1,667	1,815	2,191	2,458	2,517	2,736	2,982	3,149
	Bachelor's degrees	Louisville MSA	2,462	2,960	3,906	4,054	4,231	4,185	4,519	4,593
	Graduate degrees	Louisville MSA	1,360	1,662	2,191	2,373	2,363	2,473	2,477	2,644
	1st professional degree	Louisville MSA	555	478	590	562	598	698	634	627
	Postsecondary enrollments, academic year beginning Fall ▼		**1990**	**2000**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**
	Total postsecondary enrollments	Louisville MSA	50,641	51,462	60,998	61,348	62,472	65,352	69,445	72,068
	Full-time	Louisville MSA	25,204	27,614	34,438	34,488	36,188	36,983	42,432	43,645
	Part-time	Louisville MSA	25,437	23,848	26,560	26,860	26,284	28,369	27,013	28,423
	Associate degree granting institutions only	Louisville MSA	14,470	14,836	19,629	20,709	21,114	23,291	23,785	23,677
	Undergraduate level, including associate degree granting	Louisville MSA	42,490	42,357	49,970	50,428	51,583	54,216	58,187	60,109
	Graduate & 1st professional level	Louisville MSA	8,151	9,105	11,028	10,920	10,889	11,136	11,258	11,959

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RANKINGS (out of 16 comparison metro areas)

	Educational Attainment ♠	Geography	1990	2000	2005	2006	2007	2008	2009	2010
Attainment	% Adults with high school diploma or higher	Louisville MSA	12	12	12	12	11	10	10	9
	% Adults with bachelor's degree or higher	Louisville MSA	16	16	16	16	16	16	14	13
	% Adults with high school diploma or higher	Jefferson County	15	11	12	10	10	7	6	10
	% Adults with bachelor's degree or higher	Jefferson County	15	12	12	11	11	10	10	10
	Components ◙		**1990**	**2000**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**
	% Adults with high school only	Louisville MSA	2	1	2	3	1	1	1	3
	% Adults some college only	Louisville MSA	14	7	6	6	7	7	6	6
	% Adults with associate degree only	Louisville MSA	13	11	6	9	7	10	6	13
	% Adults with bachelors degree only	Louisville MSA	16	16	16	16	16	16	15	15
	% Adults with graduate or professional degree	Louisville MSA	11	11	12	11	13	12	12	12
	% Adults with high school only	Jefferson County	5	5	8	5	5	1	2	7
	% Adults some college only	Jefferson County	13	8	5	6	6	7	8	6
	% Adults with associate degree only	Jefferson County	13	10	7	13	9	13	5	10
	% Adults with bachelors degree only	Jefferson County	16	14	15	15	14	13	11	10
	% Adults with graduate or professional degree	Jefferson County	9	8	9	8	11	9	9	8
	Younger Age Cohorts		**1990**	**2000**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**
	% Adults 25-34 yrs old with high school diploma or higher	Louisville MSA	10	10	5	9	10	7	6	8
	% Adults 25-34 yrs old with some college or associate degre	Louisville MSA	9	4	2	1	5	5	5	5
	% Adults 25-34 yrs old with bachelors degree or higher	Louisville MSA	15	13	12	13	14	11	12	12
	% Adults 35-44 yrs old with high school diploma or higher	Louisville MSA	9	9	13	10	8	4	5	7
	% Adults 35-44 yrs old with some college or associate degre	Louisville MSA	9	7	4	3	3	4	2	3
	% Adults 35-44 yrs old with bachelors degree or higher	Louisville MSA	16	16	14	15	16	14	14	11
	K-12 Activity, Performance		**1990**	**2000**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**
Performance	Eighth Grade(t-4) Enrollment Based Graduation Rate ♣	Louisville MSA		6	7	5	7	8	10	
	Eighth Grade(t-4) Enrollment Based Graduation Rate	Jefferson County		5	8	5	8	7	6	
	GED Completions per 100,000 population 18+ years ▲	Louisville MSA			4	5	4	10	7	4
	Postsecondary degrees per capita, academic year ending Spring ▼		**1990**	**2000**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**
	All postsecondary awards, degrees, certificates	Louisville MSA	11	13	11	9	9	9	9	9
	Awards/certificates below associate level	Louisville MSA	7	10	7	3	3	4	6	5
	Associate degrees	Louisville MSA	7	8	7	7	7	5	5	7
	Bachelor's degrees	Louisville MSA	15	15	12	12	11	12	12	13
	Graduate degrees	Louisville MSA	8	11	8	8	8	8	9	9
	1st professional degree	Louisville MSA	5	8	7	7	6	5	5	7
	Postsecondary enrollments per capita, academic year beginning Fall ▼		**1990**	**2000**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**
	Total postsecondary enrollments	Louisville MSA	8	11	11	11	9	9	9	11
	Full-time	Louisville MSA	12	12	12	12	10	11	11	10
	Part-time	Louisville MSA	6	8	5	6	6	6	8	8
	Associate degree granting institutions only	Louisville MSA	8	11	11	11	11	11	12	12
	Undergraduate level, including associate degree granting	Louisville MSA	9	11	11	11	11	9	11	11
	Graduate & 1st professional level	Louisville MSA	8	8	6	6	7	6	7	7

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References and notes

Notes

Available on-line with the latest data, www.kentuckianaworks.org

♠ Educational Attainment rates apply to population aged 25 and older. Source for education attainment in 1990 and 2000: U.S. Bureau of the Census, Summary File 4, 1990 & Summary File 3, 2000. Source for years 2001 through 2009 American Community Survey, with confidence intervals (precision of estimates) varying by year and place. Because information was not available for all MSAs for the years 2001 through 2004, comparisons were made among central counties. For the decennial census and 2005-07, the central county of the Richmond MSA is considered to include both the City of Richmond and adjacent Henrico County. However, the 2001-2004 American Community Surveys (ACS) did not include the city of Richmond VA within detailed Virginia city and county breakdowns; therefore Richmond is not included in the central county rankings for years 2001-2004. Calculations of educational attainment in the ACS did not include the group quarters population until 2006. Because many types of GQ populations have educational attainment distributions that are very different from the household population comparison of the 2006 data with previous years should be done with caution.

◙ These figures reflect only those within the field described and not any higher level of education.

♣ Source: Eighth Grade(t-4) Graduation Rate is calculated from enrollment and diploma data in the Common Core of Data collected by the National Center for Education Statistics. The rate is constructed by taking the number of diploma recipients for a given school year divided by the fall enrollment for grade 8 from four years prior. Thus the graduation rate for 2006 is number of diploma recipients for 2005-06 divided by the number of eighth graders in the fall of 2001-02. This figure has been shown to be very close to and track well over time with Decennial Census data calculations of the percentage of adults who have received regular high school diplomas. See Heckman, James J. and Paul A. LaFontaine, "The American High School Graduation Rate: Trends and Levels," IZA Discussion Paper No. 3216, Bonn, Germany, December 2007.

▲ GED figures at the zip code level were obtained from the American Council on Education (ACE), and have been aggregated to the metro level.

▼ Breakdown of postsecondary awards, degrees, enrollments by type and level, Source: IPEDS, AY 1989-90, 2000-01, 2001-02, 2002-03, 2003-04, 2004-05, 2005-06, 2006-7, 2007-08, 2008-09, 2009-10; includes all ages.

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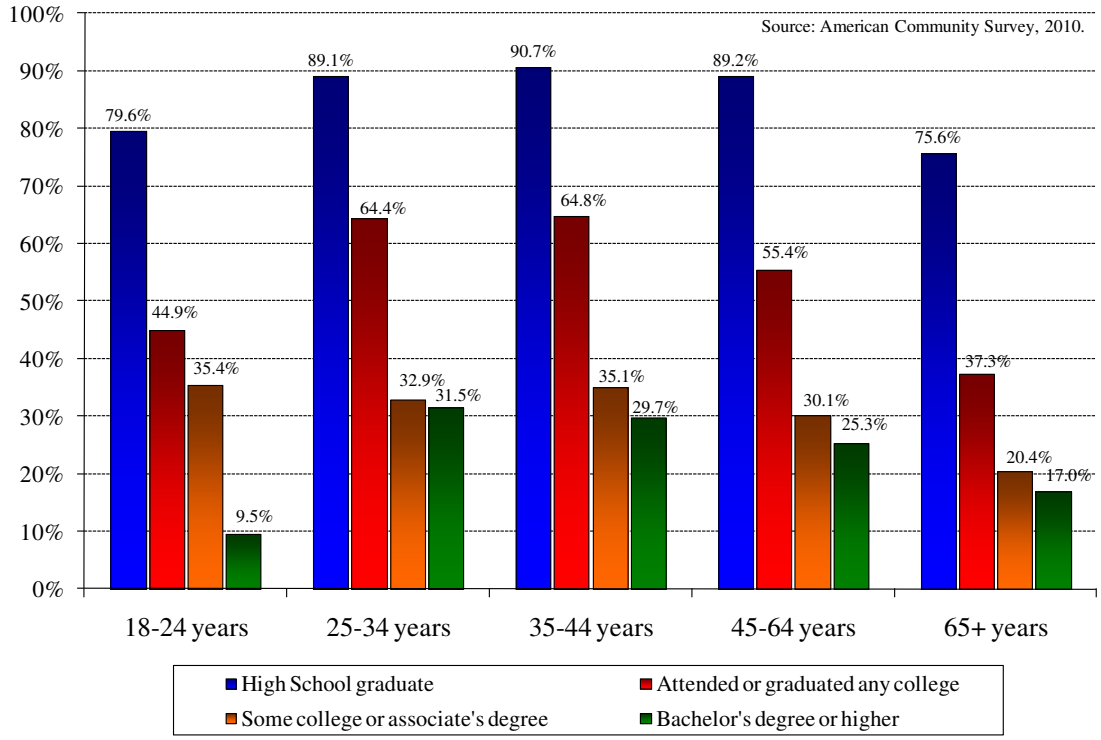
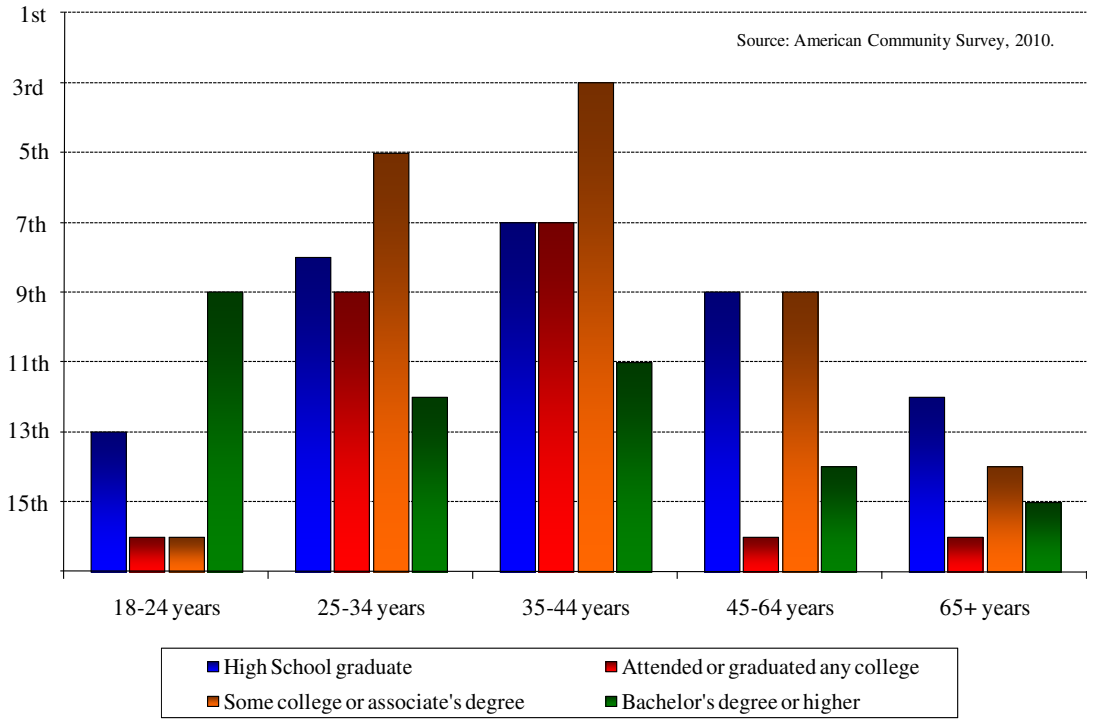
Research and compilation by University of Louisville

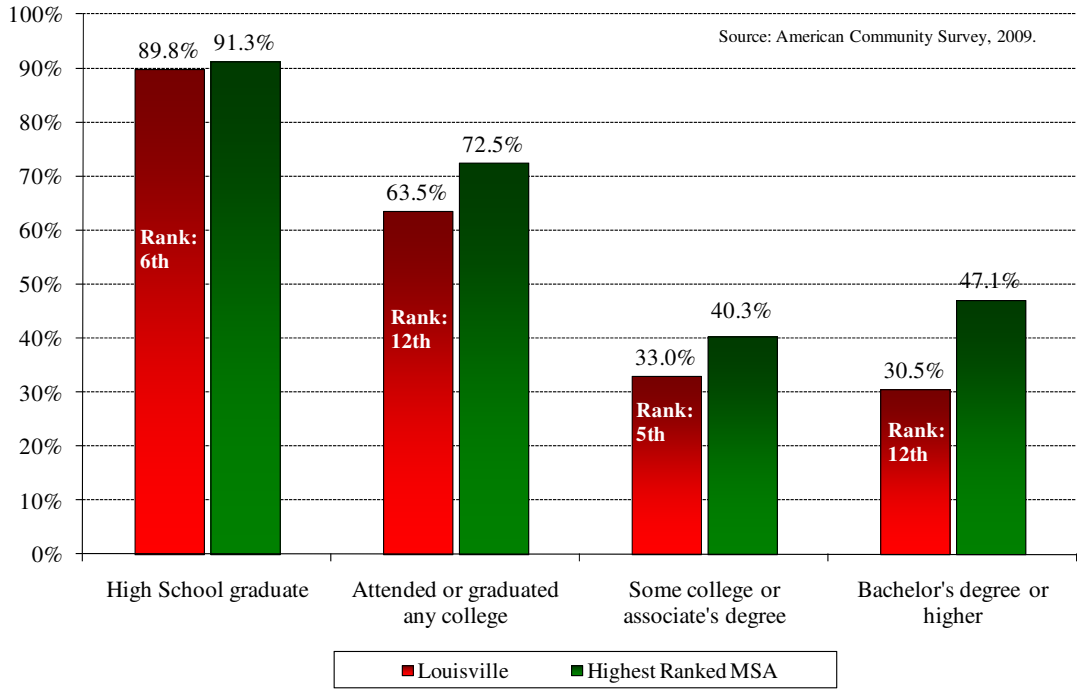
Educational Attainment in the Louisville MSA by Age, 2010



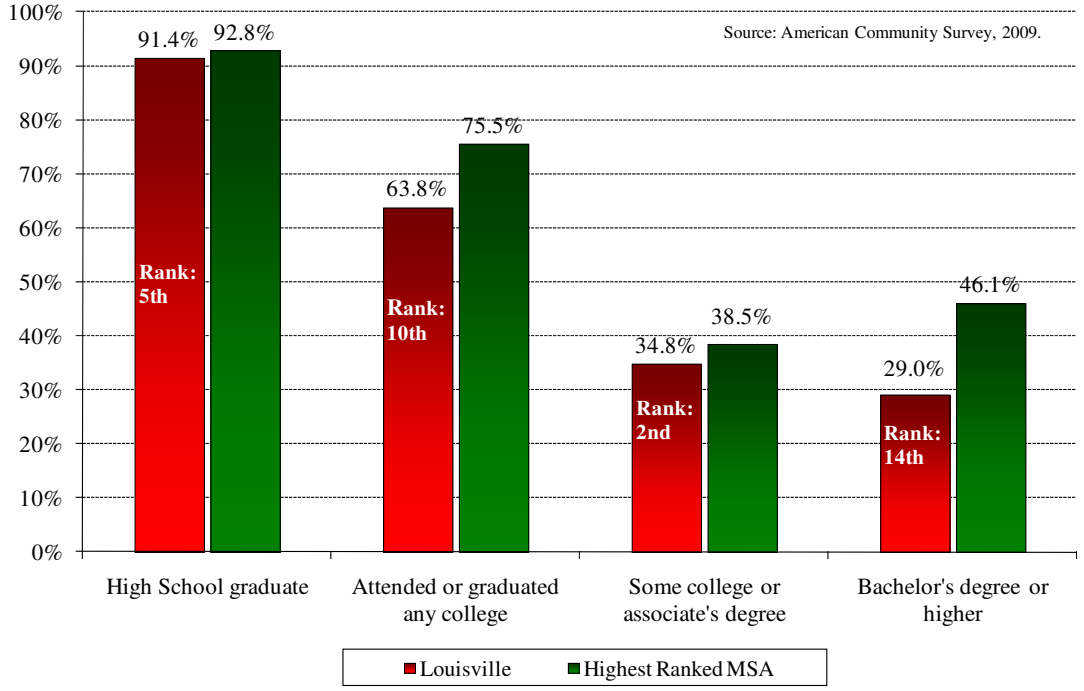
Educational Attainment, 2010
Louisville MSA Rank Among 16 Peer Metros



Educational Attainment, 2009
Louisville MSA vs Highest Ranked MSA, 25-34 years



Educational Attainment, 2009
Louisville MSA vs Highest Ranked Peer, 35-44 years



Enrollments and Awards, Louisville MSA Postsecondary Institutions

Postsecondary Enrollments, Fall Semester	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Ivy Tech Community College-South Central	1,933	2,035	2,716	2,917	3,050	2,995	3,319	3,181	3,826	4,548	5,014
Indiana University-Southeast	6,427	6,557	6,716	6,408	6,238	6,164	6,183	6,241	6,482	6,840	7,178
Mid-America College of Funeral Service	36	51	51	61	107	76	35	35	44	64	84
Bellarmine University	2,848	2,982	3,294	3,134	2,888	2,827	2,878	3,011	3,001	3,095	3,342
Galen College of Nursing-Louisville	48	34	44	45	47	111	147	145	753	1,288	948
Jefferson Community College/Jefferson Community & Technology College	9,520	9,227	9,390	9,645	10,106	14,231	14,707	15,300	15,560	15,500	15,258
Jefferson Technical College	1,512	3,246	3,582	3,697	3,694	0	0	0	0	0	0
National College of Business and Tech-Lexington	0	1,220	0	0	0	0	0	0	0	0	0
Louisville Bible College	130	0	0	0	0	172	0	113	103	98	110
Louisville Technical Institute/Sullivan College of Technology and Design	612	623	624	670	645	580	557	654	581	635	719
University of Louisville	19,771	19,682	20,416	20,605	20,729	20,726	20,785	20,809	20,726	20,751	21,234
Louisville Presbyterian Theological Seminary	250	235	227	193	184	204	217	204	206	212	230
RETS Electronic Institute/Brown Mackie College-Louisville	365	411	327	350	68	92	335	679	1,036	1,850	2,080
The Southern Baptist Theological Seminary	2,320	2,443	2,716	2,904	2,983	3,263	3,108	3,114	3,506	3,097	2,913
Spalding University	1,632	1,670	1,702	1,658	1,698	1,641	1,697	1,651	1,667	1,994	2,346
Spencerian College	201	584	928	1,326	1,254	1,327	1,180	1,250	1,250	1,352	1,161
Sullivan University	3,212	4,402	4,646	4,962	4,860	5,212	4,599	4,538	4,708	5,857	6,085
Computer Education Services Inc./Decker College Of Business Technology	90	86	109	368	949	0	0	0	0	0	0
Charles A. Prosser School of Technology	104	12	10	2	686	0	0	0	0	0	0
Kentucky Career Institute/Daymar College-Louisville	97	86	113	227	296	293	240	319	521	640	729
ITT Technical Institute	354	358	402	495	0	714	750	742	851	861	993
Ottawa University-Jeffersonville	0	0	0	48	76	74	71	97	108	127	144
Decker College-Louisville	0	0	0	0	79	0	0	0	0	0	0
University of Phoenix-Louisville Campus	0	0	0	0	116	296	316	149	77	145	230
ATA Career Education/ATA College	0	0	0	0	0	0	224	240	345	457	567
DeVry University-Kentucky	0	0	0	0	0	0	0	0	1	34	162
Daymar College-Online	0	0	0	0	0	0	0	0	0	0	354
Daymar College-Louisville	0	0	0	0	0	0	0	0	0	0	187
Total, Louisville Metropolitan Area	**51,462**	**55,944**	**58,013**	**59,715**	**60,753**	**60,998**	**61,348**	**62,472**	**65,352**	**69,445**	**72,068**

Awards below Associate level, Academic Year ending Spri	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Ivy Tech Community College-South Central	76	67	61	70	110	101	120	123	180	141	160
Indiana University-Southeast	5	10	5	16	41	61	83	65	58	47	60
Galen College of Nursing-Louisville	66	58	83	87	90	107	132	192	262	301	394
Jefferson Community College/Jefferson Community & Technology College	0	2	23	41	90	120	1,861	1,763	2,322	1,884	2,351
Jefferson Technical College	164	251	268	545	661	1,130	0	0	0	0	0
National College of Business and Tech-Lexington	0	161	0	0	0	0	0	0	0	0	0
Louisville Bible College	6	1	1	0	5	11	6	2	3	4	6
Louisville Technical Institute/Sullivan College of Technology and Design	134	109	122	114	130	127	99	92	70	74	67
University of Louisville	117	117	118	117	112	109	68	38	31	31	26
RETS Electronic Institute/Brown Mackie College-Louisville	7	16	36	9	5	2	3	1	0	0	18
The Southern Baptist Theological Seminary											14
Spalding University	0	0	0	0	0	0	4	16	0	0	0
Spencerian College	181	215	211	335	403	340	391	384	362	342	335
Sullivan University	227	228	182	99	117	134	145	128	134	63	111
Computer Education Services Inc./Decker College Of Business Technology	68	43	72	61	199	0	0	0	0	0	0
Charles A. Prosser School of Technology	97	7	4	0	0	0	0	0	0	0	0
Kentucky Career Institute/Daymar College-Louisville	1	4	3	9	15	59	28	16	14	12	75
Decker College-Louisville	0	0	0	0	63	0	0	0	0	0	0
ATA Career Education/ATA College	0	0	0	0	0	0	129	225	243	177	268
Daymar College-Louisville	0	0	0	0	0	0	0	0	0	0	18
Total, Louisville Metropolitan Area	**1,149**	**1,289**	**1,189**	**1,503**	**2,041**	**2,301**	**3,069**	**3,045**	**3,679**	**3,076**	**3,903**

Associate Degrees, Academic Year ending Spring	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Ivy Tech Community College-South Central	164	143	176	188	211	200	323	330	359	383	417
Indiana University-Southeast	120	130	125	140	145	116	113	125	98	102	76
Mid-America College of Funeral Service	67	51	55	45	63	58	59	37	33	35	40
Galen College of Nursing-Louisville	0	0	0	0	0	0	0	129	178	160	151
Jefferson Community College/Jefferson Community & Technology College	509	424	401	432	579	612	847	854	869	933	883
Jefferson Technical College	65	36	16	38	52	79	0	0	0	0	0
National College of Business and Tech-Lexington	0	228	0	0	0	0	0	0	0	0	0
Louisville Bible College	12	5	3	6	5	5	13	10	2	0	5
Louisville Technical Institute/Sullivan College of Technology and Design	191	168	169	210	183	170	201	171	158	171	176
University of Louisville	80	63	70	38	45	48	51	22	19	20	18
RETS Electronic Institute/Brown Mackie College-Louisville	129	122	99	109	120	89	90	93	91	117	254
The Southern Baptist Theological Seminary	15	14	15	4	10	7	8	10	12	9	14
Spalding University	4	6	7	12	5	29	7	9	6	4	2
Spencerian College	30	19	6	72	189	194	157	115	128	184	197
Sullivan University	270	299	590	412	379	395	413	419	569	623	581
Decker College Of Business Technology	0	0	0	10	5	0	0	0	0	0	0
Kentucky Career Institute/Daymar College-Louisville	44	26	28	14	22	48	62	56	72	50	94
ITT Technical Institute	115	119	129	102	120	141	114	137	139	150	166
ATA Career Education/ATA College	0	0	0	0	0	0	0	0	3	41	74
Daymar College-Online	0	0	0	0	0	0	0	0	0	0	1
Total, Louisville Metropolitan Area	**1,815**	**1,853**	**1,889**	**1,832**	**2,133**	**2,191**	**2,458**	**2,517**	**2,736**	**2,982**	**3,149**

Enrollments and Awards, Louisville MSA Postsecondary Institutions (continued)

Bachelors Degrees, Academic Year ending Spring	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Indiana University-Southeast	444	500	523	603	610	614	603	668	664	649	647
Mid-America College of Funeral Service	0	0	0	0	0	0	0	0	0	3	5
Bellarmine University	348	334	343	404	351	419	407	432	469	429	403
Louisville Bible College	5	4	4	4	6	8	11	10	19	12	14
Louisville Technical Institute/Sullivan College of Technology and Design	0	0	0	0	0	0	0	0	5	21	18
University of Louisville	1,761	1,831	1,883	1,856	1,915	2,164	2,331	2,433	2,407	2,582	2,670
Louisville Presbyterian Theological Seminary	3	1	0	0	0	28	7	9	12	0	13
The Southern Baptist Theological Seminary	15	26	18	71	71	51	74	97	96	83	84
Spalding University	196	225	236	180	221	227	210	185	182	172	172
Sullivan University	188	192	313	209	323	363	369	346	272	452	436
ITT Technical Institute	0	0	0	0	0	8	5	20	19	38	67
Ottawa University-Jeffersonville	0	0	0	0	4	24	35	20	19	36	38
University of Phoenix-Louisville Campus	0	0	0	0	0	0	2	11	21	42	23
DeVry University-Kentucky											3
Total, Louisville Metropolitan Area	**2,960**	**3,113**	**3,320**	**3,327**	**3,501**	**3,906**	**4,054**	**4,231**	**4,185**	**4,519**	**4,593**

Masters Degrees, Academic Year ending Spring	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Indiana University-Southeast	159	157	218	196	264	199	238	197	235	223	238
Bellarmine University	198	177	252	205	227	189	183	205	234	217	255
Louisville Bible College	1	6	1	5	9	5	4	5	3	2	0
University of Louisville	997	1,133	1,139	1,061	1,173	1,245	1,255	1,280	1,261	1,281	1,245
Louisville Presbyterian Theological Seminary	14	12	10	15	12	10	16	10	14	33	38
The Southern Baptist Theological Seminary	55	44	53	63	59	76	122	103	119	108	106
Spalding University	78	98	107	159	220	143	208	214	210	205	261
Sullivan University	23	23	28	60	96	93	83	86	95	133	171
Ottawa University-Jeffersonville	0	0	0	0	0	0	0	0	0	0	5
University of Phoenix-Louisville Campus	0	0	0	0	0	0	7	20	24	10	14
Total, Louisville Metropolitan Area	**1,525**	**1,650**	**1,808**	**1,764**	**2,060**	**1,960**	**2,116**	**2,120**	**2,195**	**2,212**	**2,333**

Doctoral Degrees, Academic Year ending Spring	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
University of Louisville	76	65	90	89	106	112	144	135	151	142	161
Louisville Presbyterian Theological Seminary	9	7	4	13	6	5	3	6	3	0	0
The Southern Baptist Theological Seminary	29	64	57	86	75	82	61	44	84	92	106
Spalding University	23	34	27	49	36	32	49	58	40	31	44
Total, Louisville Metropolitan Area	**137**	**170**	**178**	**237**	**223**	**231**	**257**	**243**	**278**	**265**	**311**

First Professional Degrees, Academic Year ending Spring	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Bellarmine University	0	0	0	0	0	38	27	28	36	41	42
University of Louisville	310	315	321	323	330	333	327	346	343	332	347
Louisville Presbyterian Theological Seminary	37	27	30	36	26	30	28	22	32	10	5
The Southern Baptist Theological Seminary	131	137	146	185	164	189	180	202	287	251	233
Total, Louisville Metropolitan Area	**478**	**479**	**497**	**544**	**520**	**590**	**562**	**598**	**698**	**634**	**627**

Note: Jefferson Community College and Jefferson Technical College merged to form Jefferson Community and Technical College in 2005.

Human Capital Scorecard
Postsecondary Degree Report
February 2012

In this supplement to the KentuckianaWorks *Human Capital Scorecard,* data are presented on postsecondary degrees awarded in certain fields that are seen as being the most directly related to long-term economic development. These strategic fields are the STEM disciplines of science, technology, engineering, and mathematics, and all health-care-related fields. The former include agricultural & plant sciences, environmental science, computer & information sciences, math, science & technical teacher education, engineering, engineering technology, biology/biological sciences, mathematics and all the physical sciences. The latter fields include health occupations teacher education, clinical and counseling psychology, chiropractic medicine, dentistry and related fields, medical doctor training, pharmacist training, nursing and related health services, allied health, and health sciences fields. The data come from the Integrated Postsecondary Education Data System (IPEDS), administered by the National Center for Educational Statistics.

This report covers data from 2004 through 2010. Certain trends and recent developments are highlighted below:

- In 2010, the overall number of degrees awarded in the STEM fields increased 8.5 percent in the Louisville Metropolitan Statistical Area (MSA). The gain was entirely due to a 20 percent increase in Bachelor's degrees (degrees awarded at the other levels were both up and down, but generally at historical levels). Most of the gain occurred at the University of Louisville, especially in the majors of trade & industrial teacher education and biology.
- Overall, STEM degrees awarded among the entire group of 16 peer metros also rose 8.5 percent from 2009 to 2010. Louisville's rankings in terms of STEM degrees per capita are virtually unchanged from last year. Louisville dropped from 3rd to 4th in awards below the Associate degree level, but moved up a spot, to 8th, in total degrees awarded.
- Louisville does very well relative to its peers in the lower level of STEM degrees, but quite poorly at the Bachelor's degree level. On a positive note, the Louisville MSA's trend for Bachelor's degrees on a per capita basis is positive, having moved from 15th to 12th since 2004. While enrollment increases at IU-Southeast and Bellarmine University are still too recent to be a factor, the better academic preparation of incoming freshmen at the University of Louisville seems like it is beginning to bear fruit.
- On a per capita basis, Louisville has shown the best trend among the peer metros since 2004 in degrees in STEM fields. Louisville has moved up in the rankings for total degrees and all levels of degree, except for Master's degrees where Louisville has held steady.

- Degrees awarded in health-care-related fields increased more than 16 percent in 2010 (the increase was 13.6 percent for the entire group of peer metros). Nearly all of the increase came at and below the associate degree level. Associate degrees awarded in health-care-related fields increased by almost 17 percent in 2010, while awards and certificates below the associate level rose an impressive 23 percent. The gains below the associate level were spread among several institutions, especially Jefferson Community & Technical College and the private schools, Galen College of Nursing, Daymar College and ATA College. The latter two colleges, along with Brown Mackie College, account for most of the increase in Associate degrees.
- Above the Associate degree level, awards were fairly level, in total and across all the institutions. The one exception: Spalding University awarded 32 more Master's degrees in health-care-related fields (32 percent) in 2010 than it had in 2009.
- In the peer rankings, Louisville moved up two spots to 9th place for all health-care-related degrees and awards. Louisville also reached 5th place in terms of Associate degrees per capita (Louisville is also 5th for Doctoral degrees; but since so few are awarded, the rankings are fairly volatile).
- In terms of the percentage of all degrees awarded that are in these strategic sectors, Louisville generally ranks just below the middle of the pack of peer metros. Louisville's percentage of degrees in the strategic sectors is only above the average for the group of peers at the Associate degree level (48 percent versus 41 percent), but is farthest below for the First Professional level (41 percent versus 56 percent). Overall, 37 percent of all postsecondary degrees awarded in Louisville are in these strategic sectors.

The *Human Capital Scorecard* is produced for KentuckianaWorks by economic and demographic researchers at the University of Louisville. The *Scorecard* may be viewed online at www.kentuckianaworks.org or http://monitor.louisville.edu. For more information, contact Professor Paul Coomes (paul.coomes@louisville.edu) or Barry Kornstein (bjkorn01@louisville.edu).

UNIVERSITY OF LOUISVILLE

KENTUCKIANAWORKS

SCORECARD

Postsecondary Degrees in Strategic Sectors

STEM

Science, Technology, Engineering, and Mathematics Degrees Postsecondary degrees, academic year ending Spring		2004	2005	2006	2007	2008	2009	2010
All postsecondary awards, degrees, certificates	Louisville MSA	1,535	1,482	1,535	1,523	1,635	1,610	1,747
Awards/certificates below associate level	Louisville MSA	186	151	189	182	300	278	275
Associate degrees	Louisville MSA	541	489	456	468	469	399	440
Bachelor's degrees	Louisville MSA	473	523	511	537	513	568	684
Master's degrees	Louisville MSA	296	272	307	263	281	296	276
Doctoral degrees	Louisville MSA	39	47	72	73	72	69	72
Ranking, per capita (out of 16 comparison metros)		**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**
All postsecondary awards, degrees, certificates	Louisville MSA	11	11	9	10	9	9	8
Awards/certificates below associate level	Louisville MSA	7	6	5	3	4	3	4
Associate degrees	Louisville MSA	6	5	4	4	4	4	4
Bachelor's degrees	Louisville MSA	15	14	14	13	13	12	12
Master's degrees	Louisville MSA	6	6	6	6	6	6	6
Doctoral degrees	Louisville MSA	10	8	8	7	8	9	9

Health Care

Health Care Related Degrees Postsecondary degrees, academic year ending Spring		2004	2005	2006	2007	2008	2009	2010
All postsecondary awards, degrees, certificates	Louisville MSA	1,926	1,974	2,600	2,822	3,011	3,272	3,804
Awards/certificates below associate level	Louisville MSA	779	709	1,147	1,238	1,321	1,425	1,752
Associate degrees	Louisville MSA	422	517	630	699	770	913	1,066
Bachelor's degrees	Louisville MSA	290	368	420	434	470	458	473
Master's degrees	Louisville MSA	197	100	125	172	155	193	223
Doctoral degrees	Louisville MSA	28	62	62	65	78	69	31
1st professional degree	Louisville MSA	210	218	216	214	217	214	259
Ranking, per capita (out of 16 comparison metros)		**2004**	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**
All postsecondary awards, degrees, certificates	Louisville MSA	11	11	10	10	10	11	9
Awards/certificates below associate level	Louisville MSA	7	11	7	6	7	8	8
Associate degrees	Louisville MSA	10	10	8	9	8	6	5
Bachelor's degrees	Louisville MSA	10	10	9	10	10	11	12
Master's degrees	Louisville MSA	9	13	12	11	11	11	11
Doctoral degrees	Louisville MSA	7	5	6	5	3	4	5
1st professional degree	Louisville MSA	8	8	8	8	9	9	10

Notes

References and notes

Source: U.S. Department of Education, National Center for Educational Statistics, The Integrated Postsecondary Education Data System (IPEDS), data collected during academic years 2004-05, 2005-06, 2006-7, 2007-08, 2008-09, 2009-10, 2010-11.

STEM fields include agricultural & plant sciences, environmental science, computer & information sciences, math, science & technical teacher education, engineering, engineering technology, biology/biological sciences, mathematics, and all the physical sciences.

Health care related fields include health occupations teacher education, clinical and counseling psychology, chiropractic medicine, dentistry and related fields, medical doctor training, pharmacist training, nursing, and related health services, allied health, and health sciences fields.

UNIVERSITY OF LOUISVILLE

Research and compilation by University of Louisville

Postsecondary Degrees Awarded per 100,000 Residents, 2010
Science, Technology, Engineering, & Mathematics Fields
with Trends Among Louisville and its 15 Competitor Metropolitan Areas

	Below Associate Level (less than 2 years), 2010	Rank	Relative change since 2004		Associate Level (2 years to less than 4 years), 2010	Rank	Relative change since 2004
Dayton	80.57	1	↔	Dayton	63.34	1	↔
Lexington	56.56	2	↑	Lexington	61.64	2	↑
Jacksonville	25.27	3	↑	Richmond	46.02	3	↓
Louisville	21.42	4	↑	Louisville	34.28	4	↑
Columbus	19.98	5	↑	Indianapolis	34.05	5	↑
Charlotte	15.93	6	↑	Cincinnati	33.80	6	↑
Cincinnati	15.49	7	↑	Birmingham	31.74	7	↓
Greensboro	14.92	8	↑	Omaha	31.43	8	↓
Kansas City	12.77	9	↓	Columbus	30.60	9	↔
Raleigh	12.47	10	↓	Kansas City	29.04	10	↑
Memphis	11.70	11	↑	Memphis	28.80	11	↑
Birmingham	10.46	12	↓	Charlotte	20.19	12	↑
Omaha	8.20	13	↓	Greensboro	19.48	13	↑
Nashville	7.17	14	↑	Jacksonville	18.21	14	↓
Indianapolis	6.83	15	↓	Raleigh	18.13	15	↓
Richmond	0.40	16	↓	Nashville	17.93	16	↓

	Bachelor's Degree (includes postbac), 2010	Rank	Relative change since 2004		Master's Degree, 2010	Rank	Relative change since 2004
Raleigh	212.30	1	↔	Raleigh	80.14	1	↔
Lexington	172.42	2	↔	Dayton	72.01	2	↔
Columbus	135.09	3	↔	Lexington	37.07	3	↔
Dayton	104.69	4	↑	Columbus	30.66	4	↑
Greensboro	100.86	5	↓	Greensboro	26.80	5	↓
Richmond	84.96	6	↑	Louisville	21.50	6	↔
Nashville	79.44	7	↓	Cincinnati	19.58	7	↔
Cincinnati	77.79	8	↓	Birmingham	18.62	8	↑
Omaha	71.65	9	↑	Omaha	16.53	9	↑
Indianapolis	54.89	10	↑	Richmond	15.90	10	↑
Charlotte	54.27	11	↓	Indianapolis	14.92	11	↑
Louisville	53.29	12	↑	Nashville	14.91	12	↓
Birmingham	46.81	13	↓	Charlotte	13.48	13	↓
Memphis	43.16	14	↑	Kansas City	10.86	14	↑
Kansas City	41.12	15	↓	Memphis	7.14	15	↓
Jacksonville	39.46	16	↓	Jacksonville	1.78	16	↔

	Doctoral Degree, 2010	Rank	Relative change since 2004		Total Degrees, 2010	Rank	Relative change since 2004
Raleigh	28.48	1	↔	Raleigh	351.53	1	↔
Lexington	23.51	2	↔	Lexington	351.20	2	↔
Columbus	19.33	3	↔	Dayton	329.41	3	↔
Nashville	10.31	4	↔	Columbus	235.66	4	↔
Dayton	8.79	5	↑	Greensboro	163.72	5	↔
Birmingham	8.42	6	↓	Cincinnati	153.70	6	↑
Cincinnati	7.04	7	↓	Richmond	153.47	7	↓
Richmond	6.20	8	↔	Louisville	136.11	8	↑
Louisville	5.61	9	↑	Omaha	131.97	9	↑
Omaha	4.16	10	↑	Nashville	129.75	10	↓
Charlotte	2.90	11	↑	Birmingham	116.04	11	↓
Memphis	2.13	12	↑	Indianapolis	112.40	12	↑
Indianapolis	1.71	13	↓	Charlotte	106.77	13	↔
Greensboro	1.66	14	↓	Kansas City	93.79	14	↓
Jacksonville	0.00	15	↑	Memphis	92.93	15	↑
Kansas City	0.00	15	↔	Jacksonville	84.72	16	↓

Source: Integrated Postsecondary Education Data System (IPEDS), 2004-05, 2010-11.

Postsecondary Degrees Awarded per 100,000 Residents, 2010
Health Care Related Fields
with Trends Among Louisville and its 15 Competitor Metropolitan Areas

	Below Associate Level (less than 2 years), 2010	Rank	Relative change since 2004		Associate Level (2 years to less than 4 years), 2010	Rank	Relative change since 2004
Dayton	398.34	1	↑	Dayton	173.26	1	↑
Jacksonville	270.07	2	↔	Lexington	120.74	2	↓
Lexington	234.91	3	↑	Cincinnati	104.97	3	↑
Memphis	213.05	4	↓	Indianapolis	87.52	4	↑
Kansas City	173.53	5	↓	Louisville	83.05	5	↑
Nashville	169.50	6	↑	Jacksonville	81.45	6	↓
Columbus	167.71	7	↓	Columbus	74.81	7	↑
Louisville	136.49	8	↓	Omaha	72.69	8	↓
Cincinnati	130.08	9	↑	Birmingham	64.71	9	↑
Richmond	95.53	10	↓	Kansas City	57.19	10	↓
Charlotte	85.49	11	↓	Richmond	56.03	11	↓
Indianapolis	84.95	12	↑	Charlotte	53.58	12	↓
Omaha	58.36	13	↓	Nashville	41.57	13	↓
Greensboro	46.70	14	↑	Raleigh	41.57	13	↑
Birmingham	44.24	15	↓	Greensboro	38.82	15	↑
Raleigh	39.81	16	↔	Memphis	28.57	16	↓

	Bachelor's Degree (includes postbac), 2010	Rank	Relative change since 2004		Graduate, 2010	Rank	Relative change since 2004
Omaha	136.94	1	↔	Lexington	70.96	1	↑
Columbus	82.06	2	↑	Birmingham	59.31	2	↑
Jacksonville	61.68	3	↑	Omaha	55.70	3	↓
Dayton	61.56	4	↓	Nashville	50.19	4	↔
Cincinnati	57.41	5	↑	Richmond	36.71	5	↑
Greensboro	50.57	6	↓	Cincinnati	34.04	6	↑
Lexington	48.51	7	↓	Indianapolis	31.03	7	↑
Birmingham	48.14	8	↓	Dayton	28.64	8	↑
Indianapolis	45.10	9	↓	Columbus	28.53	9	↓
Kansas City	44.02	10	↓	Greensboro	23.77	10	↓
Nashville	39.81	11	↑	Louisville	19.79	11	↓
Louisville	36.85	12	↓	Kansas City	15.53	12	↓
Memphis	29.03	13	↑	Jacksonville	14.64	13	↔
Richmond	25.67	14	↓	Memphis	10.18	14	↑
Charlotte	24.00	15	↔	Charlotte	7.90	15	↓
Raleigh	7.96	16	↔	Raleigh	5.83	16	↔

	1st Professional, 2010	Rank	Relative change since 2004		Total Degrees, 2010	Rank	Relative change since 2004
Omaha	86.67	1	↔	Dayton	679.26	1	↑
Lexington	73.71	2	↔	Lexington	548.83	2	↔
Birmingham	44.32	3	↑	Jacksonville	457.64	3	↑
Kansas City	33.36	4	↓	Omaha	410.35	4	↓
Indianapolis	32.97	5	↑	Columbus	380.06	5	↑
Richmond	32.35	6	↓	Cincinnati	341.48	6	↑
Jacksonville	29.80	7	↑	Nashville	324.73	7	↑
Columbus	26.95	8	↓	Kansas City	323.63	8	↓
Nashville	23.65	9	↔	Louisville	296.36	9	↑
Louisville	20.18	10	↓	Memphis	289.80	10	↓
Dayton	17.47	11	↑	Indianapolis	281.57	11	↑
Cincinnati	14.98	12	↓	Birmingham	260.72	12	↓
Memphis	8.97	13	↓	Richmond	246.29	13	↓
Charlotte	3.58	14	↓	Charlotte	174.57	14	↔
Greensboro	0.00	15	↓	Greensboro	159.85	15	↔
Raleigh	0.00	15	↓	Raleigh	95.18	16	↔

Source: Integrated Postsecondary Education Data System (IPEDS), 2004-05, 2010-11.

Percentage of Degrees Awarded in Science, Technology, Engineering, Mathematics & Health Care Related Fields, with Ranks Among the Sixteen Competitor Metropolitan Areas, 2010

Metropolitan Area	Below Associate Level Awards (less than 2 years)	Associate Level Awards (2 years to less than 4 years)	Bachelor's Degree (includes postbac)	Graduate Degrees	First Professional	Total Degrees
Birmingham	45.5%	53.0%	29.8%	49.5%	74.7%	44.1%
Charlotte	56.2%	33.3%	20.2%	20.9%	43.8%	30.8%
Cincinnati	66.2%	53.8%	24.1%	27.6%	51.4%	38.5%
Columbus	78.4%	47.7%	26.8%	29.8%	48.6%	38.7%
Dayton	70.1%	56.9%	28.5%	34.8%	44.8%	49.5%
Greensboro	46.2%	30.5%	20.7%	24.5%	n/a	25.5%
Indianapolis	80.0%	47.6%	28.1%	30.5%	65.9%	42.2%
Jacksonville	55.3%	24.9%	27.2%	23.1%	48.0%	37.7%
Kansas City	75.1%	35.2%	23.7%	19.3%	77.2%	40.5%
Lexington	50.1%	47.3%	22.9%	29.3%	72.0%	36.2%
Louisville	51.9%	47.8%	25.2%	22.8%	41.3%	37.2%
Memphis	73.8%	32.2%	22.9%	17.1%	48.2%	41.1%
Nashville	68.1%	25.3%	21.1%	27.8%	64.8%	33.2%
Omaha	71.8%	37.0%	31.1%	28.5%	84.3%	38.3%
Raleigh	34.5%	32.8%	39.7%	44.9%	0.0%	38.8%
Richmond	85.3%	57.3%	22.3%	29.3%	70.4%	38.7%
Birmingham	15	4	3	1	3	2
Charlotte	10	11	16	14	13	15
Cincinnati	9	3	9	10	8	9
Columbus	3	6	7	5	9	7
Dayton	7	2	4	3	12	1
Greensboro	14	14	15	11	n/a	16
Indianapolis	2	7	5	4	6	3
Jacksonville	11	16	6	12	11	11
Kansas City	4	10	10	15	2	5
Lexington	13	8	11	6	4	13
Louisville	12	5	8	13	14	12
Memphis	5	13	12	16	10	4
Nashville	8	15	14	9	7	14
Omaha	6	9	2	8	1	10
Raleigh	16	12	1	2	15	6
Richmond	1	1	13	7	5	8

Source: Integrated Postsecondary Education Data System (IPEDS), 2010-11.

Awards in Strategic Sectors, Louisville MSA Postsecondary Institutions

Science, Technology, Engineering, & Mathematics Fields

Awards below Associate level, Academic Year ending Spri	2004	2005	2006	2007	2008	2009	2010
Ivy Tech Community College-South Central	9	6	11	15	61	20	35
Jefferson Community College/Jefferson Community & Technology College	64	36	63	59	141	173	132
Jefferson Technical College	1	0	0	0	0	0	0
Louisville Technical Institute/Sullivan College of Technology and Design	44	38	39	36	26	36	39
RETS Electronic Institute/Brown Mackie College-Louisville	5	2	3	0	0	0	0
Sullivan University	63	69	71	55	58	37	64
ATA Career Education/ATA College	0	0	2	17	14	12	5
Total, Louisville Metropolitan Area	**186**	**151**	**189**	**182**	**300**	**278**	**275**

Associate Degrees, Academic Year ending Spring	2004	2005	2006	2007	2008	2009	2010
Ivy Tech Community College-South Central	45	43	51	53	77	48	40
Indiana University-Southeast	18	8	11	3	8	5	7
Jefferson Community College/Jefferson Community & Technology College	95	56	53	36	44	45	44
Jefferson Technical College	1	7	0	0	0	0	0
Louisville Technical Institute/Sullivan College of Technology and Design	87	83	96	131	120	120	141
RETS Electronic Institute/Brown Mackie College-Louisville	108	65	48	33	16	8	15
Sullivan University	63	72	77	70	66	48	76
Decker College Of Business Technology	4	0	0	0	0	0	0
Kentucky Career Institute/Daymar College-Louisville	0	14	6	5	0	1	0
ITT Technical Institute	120	149	114	137	138	124	117
Total, Louisville Metropolitan Area	**541**	**497**	**456**	**468**	**469**	**399**	**440**

Bachelors Degrees, Academic Year ending Spring	2004	2005	2006	2007	2008	2009	2010
Indiana University-Southeast	64	48	51	54	64	56	55
Bellarmine University	39	27	27	56	26	24	42
University of Louisville	350	434	420	407	399	453	557
Spalding University	20	6	9	4	3	6	3
ITT Technical Institute	0	0	4	15	15	22	24
University of Phoenix-Louisville Campus	0	0	0	1	6	7	3
Total, Louisville Metropolitan Area	**473**	**515**	**511**	**537**	**513**	**568**	**684**

Masters Degrees, Academic Year ending Spring	2004	2005	2006	2007	2008	2009	2010
Bellarmine University	15	10	9	12	11	13	9
University of Louisville	281	262	298	251	270	283	267
Total, Louisville Metropolitan Area	**296**	**272**	**307**	**263**	**281**	**296**	**276**

Doctoral Degrees, Academic Year ending Spring	2004	2005	2006	2007	2008	2009	2010
University of Louisville	39	47	72	73	72	69	72
Total, Louisville Metropolitan Area	**39**	**47**	**72**	**73**	**72**	**69**	**72**

Note: Jefferson Community College and Jefferson Technical College merged to form Jefferson Community and Technical College in 2005.

Awards in Strategic Sectors, Louisville MSA Postsecondary Institutions

Health Care Related Fields

Awards below Associate level, Academic Year ending Spri	2004	2005	2006	2007	2008	2009	2010
Ivy Tech Community College-South Central	88	83	103	87	87	98	65
Galen College of Nursing-Louisville	90	107	132	192	262	301	394
Jefferson Community College/Jefferson Community & Technology College	0	0	368	345	371	512	585
Jefferson Technical College	75	124	0	0	0	0	0
RETS Electronic Institute/Brown Mackie College-Louisville	0	0	0	1	0	0	18
Spalding University	0	0	1	0	0	0	0
Spencerian College	402	338	385	384	356	339	335
Sullivan University	0	2	3	5	2	0	27
Kentucky Career Institute/Daymar College-Louisville	15	55	28	16	14	10	65
Decker College-Louisville	109	0	0	0	0	0	0
ATA Career Education/ATA College	0	0	127	208	229	165	263
Total, Louisville Metropolitan Area	**779**	**709**	**1,147**	**1,238**	**1,321**	**1,425**	**1,752**

Associate Degrees, Academic Year ending Spring	2004	2005	2006	2007	2008	2009	2010
Ivy Tech Community College-South Central	75	77	118	129	140	176	177
Galen College of Nursing-Louisville	0	0	0	129	178	160	151
Jefferson Community College/Jefferson Community & Technology College	126	194	264	256	247	241	217
University of Louisville	28	29	30	0	0	0	0
RETS Electronic Institute/Brown Mackie College-Louisville	10	5	17	23	39	66	165
Spalding University	0	0	0	0	1	0	0
Spencerian College	173	186	153	113	123	182	190
Sullivan University	10	8	9	9	0	22	27
Kentucky Career Institute/Daymar College-Louisville	0	18	39	40	39	25	65
ATA Career Education/ATA College	0	0	0	0	3	41	74
Total, Louisville Metropolitan Area	**422**	**517**	**630**	**699**	**770**	**913**	**1,066**

Bachelors Degrees, Academic Year ending Spring	2004	2005	2006	2007	2008	2009	2010
Indiana University-Southeast	30	34	57	45	63	52	76
Bellarmine University	90	130	128	133	152	143	133
University of Louisville	102	127	152	189	182	184	183
Spalding University	68	76	83	67	73	78	72
Ottawa University-Jeffersonville	0	1	0	0	0	1	9
Total, Louisville Metropolitan Area	**290**	**368**	**420**	**434**	**470**	**458**	**473**

Masters Degrees, Academic Year ending Spring	2004	2005	2006	2007	2008	2009	2010
Bellarmine University	35	31	17	38	10	9	30
University of Louisville	74	51	48	79	79	114	103
Spalding University	88	18	60	55	66	68	90
University of Phoenix-Louisville Campus	0	0	0	0	0	2	0
Total, Louisville Metropolitan Area	**197**	**100**	**125**	**172**	**155**	**193**	**223**

Doctoral Degrees, Academic Year ending Spring	2004	2005	2006	2007	2008	2009	2010
University of Louisville	16	14	15	13	18	12	16
Spalding University	12	10	20	24	24	16	15
Total, Louisville Metropolitan Area	**28**	**24**	**35**	**37**	**42**	**28**	**31**

First Professional Degrees, Academic Year ending Spring	2004	2005	2006	2007	2008	2009	2010
Bellarmine University	0	38	27	28	36	41	42
University of Louisville	210	218	216	214	217	214	217
Total, Louisville Metropolitan Area	**210**	**256**	**243**	**242**	**253**	**255**	**259**

Note: Jefferson Community College and Jefferson Technical College merged to form Jefferson Community and Technical College in 2005.