KentuckianaWorks Human Capital Scorecard

January 2010

This sixth 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, and the number of GED passers. In addition, the *Scorecard* presents data on educational attainment by age cohort. Finally, this update introduces a new metric for K-12 education, Eighth Grade Enrollment Based Graduation Rate, which measures the number of high school diploma recipients for a given year divided by the number of eighth graders enrolled four years previously. 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.

The *Scorecard* provides these key measures of educational activity in the Louisville area along with a snapshot of the area's ranking among 16 comparison markets. The KentuckianaWorks board has stated that Louisville's economic future hinges on having a flexible and highly educated workforce; therefore, it is not acceptable to wait until after the 2010 census to determine if the community's improvement efforts have been successful. Hence, the organization commissioned this annual tracking system, so all stakeholders can monitor progress throughout the decade. The Louisville Metropolitan Statistical Area (MSA) or metro area consists of Clark, Floyd, Harrison, and Washington Counties in Indiana and Bullitt, Henry, Jefferson, Meade, Nelson, Oldham, Shelby, Spencer, and Trimble Counties in Kentucky.

This release supersedes previous versions of the *Scorecard*.

With data available through 2008, certain patterns are emerging in the *Scorecard* tracking:

- The percentage of Jefferson County and Louisville metro area adults with high school degrees continued to improve, inching up by about a percentage point in 2008. The percentage of adults with college degrees increased a bit as well. The Census Bureau's American Community Survey is subject to sampling error, and hence estimates can fluctuate year-to-year, but the overall pattern since 2000 is one of slow, but fairly steady, improvement in the high school and college attainment rates for Jefferson County and Louisville metro area adults.
- Of course, the competition is not standing still. According to the Census Bureau, high school and college attainment rates for most of the other 15 comparison metropolitan areas have risen at least as much as in the Louisville area. The latest rankings may indicate that Louisville is finally ready to make a sustained move up the rankings. Since

2004 Jefferson County has moved up an impressive eight places in the ranking among the central counties of the peer metros for high school attainment (7th from 15th) and is three places better in terms of college attainment (10th from 13th). Improvements in the Jefferson County Public Schools graduation rate (see below) seem be paying off.

- The educational attainment rate data is foreshadowed in the public school graduation rates. Graduation data are available through the 2005-06 school year, and the last two years of data show a significant increase in school completions for both Jefferson County and the Louisville MSA. The graduation rate was well over 80 percent for each for the first time. But since every other MSA in the peer group has also experienced improvements in high school graduation rates, the Louisville area rankings remain about the same as in 2000, a respectable fifth best of the 16 comparison metros.
- 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 adults over 25 who have only a high school education has remained fairly constant over the years. The Louisville MSA now has the highest percentage of adults who have only a high school degree among the peer metros.
    - When examining the educational attainment of the youngest adult age cohorts, people ages 25-34 and 35-44, the news is uniformly positive. The percentage of 25-34 year olds and 35-44 year olds who have a high school diploma or equivalent, who have attended at least some college, and who have earned a bachelor's degree are at all-time highs. Some of this improvement may be due to sampling error fluctuations, but the increases are large enough that it is likely they reflect a real trend. There were a few big jumps in the rankings: The younger of the two cohorts moved up three places to seventh in terms of high school graduates. The 35-44 year olds moved up four spots in terms of high school graduates – to fourth place among the comparison metros.
    - The 35-44 year olds moved from 16th into 14th place in terms of bachelor's degrees,
    - The 25-34 year olds jumped three spots to 11th place in terms of bachelor's degrees.
- A 100 fewer people completed a GED in 2008 than in 2007. With some yearly fluctuations, the annual number of GED completions in the Louisville area has consistently been around 2,000. Up through 2007 this sort of consistency had been the case for the entire group of comparison metros, but 2008 saw an increase of over 3,700 GEDs completed in the other 15 metros, an increase of 14 percent. Because of this, on a per capita basis, the Louisville MSA rank dropped from fourth place all the way to 10th place among the peer metros.
- Postsecondary institutions in the Louisville metro area saw a significant enrollment increase in 2008. The nearly 5 percent gain was dominated by part-time students (8 percent increase versus 2 percent for full-time students) and among institutions granting at most an associate's degree (10 percent increase versus just under 2 percent for

institutions granting bachelor's degrees). The majority of the enrollment increase occurred at Ivy Tech Community College, IU-Southeast, Southern Baptist Theological Seminary, and private career colleges such as Galen College of Nursing and Brown Mackie College.

- The enrollment figures seem to reflect the effects of the economic recession. While the Louisville MSA had among the largest enrollment increases, similar effects were found in many of the comparison metros, so Louisville's rankings remained fairly constant. The long-term trend since 2000, however, looks much better. Louisville is one of five of the peer metros that either rose or stayed even in the per capita enrollment rankings for each level of degree program, from associate to graduate and first professional, since 2000.
- At 8 percent, the overall increase in degrees awarded was even larger than the increase in enrollment. The level of associate's degrees and below led the way with a huge 21 percent increase in awards, mostly due to Jefferson Community and Technical College where there are now three times as many degrees and certificates awarded at this level than was the case during the 2000-2002 period. Louisville now ranks fifth among the peer metros in awards/certificates below the associate level (and fourth on a per capita basis).
- There was a nearly 9 percent increase in associate's degrees awarded, most of it attributable to Sullivan University and Galen College of Nursing. The number of bachelor's degrees awarded remained essentially level, reflecting enrollment trends of a few years ago. The growth in first professional degrees was due entirely to The Southern Baptist Theological Seminary.
- Despite another year of award increases, Louisville's overall rank for awards, degrees, and certificates per capita remained at ninth place, but the area did jump two spots for associate's degrees. The Louisville area has been narrowing the gap between it and the metro areas just ahead of it in the rankings for all degree categories. The Louisville MSA has seen the fourth best increase in total degrees awarded per capita since 2000 among the comparison metros, ranking at least sixth best in each of the individual degree categories. In addition, Louisville is the only one of the 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 *KentuckianaWorks Human Capital Scorecard* is produced 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 at paul.coomes@louisville.edu .

KentuckianaWorks is Greater Louisville's workforce investment board and serves Bullitt, Henry, Jefferson, Oldham, Shelby, Spencer and Trimble counties. KentuckianaWorks oversees the region's system of One-Stop Career Centers, where job seekers can find jobs and education and training opportunities and apply for unemployment insurance. One-Stop Career Centers also help employers meet their workforce needs by linking them with qualified employees. For more information, call (502) 574-2500 or click on www.kentuckianaworks.org .

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Louisville Area Human Capital

	Educational Attainment ♠	Geography	1990	2000	2004	2005	2006	2007	2008
Attainment	% Adults with high school diploma or higher	Louisville MSA	72.9%	80.9%		84.8%	84.6%	85.5%	87.0%
	% Adults with bachelor's degree or higher	Louisville MSA	16.6%	21.2%		23.3%	23.2%	23.6%	24.0%
	% Adults with high school diploma or higher	Jefferson County	74.1%	81.8%	83.3%	85.3%	85.8%	86.6%	88.0%
	% Adults with bachelor's degree or higher	Jefferson County	19.3%	24.8%	26.1%	27.3%	27.6%	27.8%	28.4%
	Components ◙		**1990**	**2000**	**2004**	**2005**	**2006**	**2007**	**2008**
	% Adults with high school only	Louisville MSA	33.0%	32.3%		32.8%	33.0%	34.0%	33.6%
	% Adults some college only	Louisville MSA	18.2%	21.6%		21.8%	21.6%	20.8%	22.3%
	% Adults with associate degree only	Louisville MSA	5.1%	5.8%		7.0%	6.8%	7.0%	7.1%
	% Adults with bachelors degree only	Louisville MSA	10.1%	13.1%		14.2%	14.1%	14.6%	14.5%
	% Adults with graduate or professional degree	Louisville MSA	6.4%	8.1%		9.1%	9.1%	9.0%	9.5%
	% Adults with high school only	Jefferson County	30.3%	29.1%	29.3%	28.7%	30.0%	30.6%	30.7%
	% Adults some college only	Jefferson County	19.3%	22.4%	21.6%	22.5%	22.0%	21.6%	22.6%
	% Adults with associate degree only	Jefferson County	5.2%	5.6%	6.3%	6.8%	6.3%	6.6%	6.4%
	% Adults with bachelors degree only	Jefferson County	11.8%	15.2%	14.4%	16.3%	16.4%	16.9%	16.6%
	% Adults with graduate or professional degree	Jefferson County	7.5%	9.6%	11.7%	11.0%	11.2%	10.9%	11.7%
	Younger Age Cohorts		**1990**	**2000**	**2004**	**2005**	**2006**	**2007**	**2008**
	% 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%
	% 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%
	% Adults 25-34 yrs old with bachelors degree or higher	Louisville MSA	18.8%	25.6%		28.0%	25.5%	26.3%	30.0%
	% 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%
	% 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%
	% Adults 35-44 yrs old with bachelors degree or higher	Louisville MSA	22.1%	22.1%		26.4%	26.0%	25.7%	27.4%
	K-12 Activity, Performance		**1990**	**2000**	**2004**	**2005**	**2006**	**2007**	**2008**
Performance	Eighth Grade(t-4) Enrollment Based Graduation Rate ♣	Louisville MSA		75.5%	75.2%	80.1%	82.5%		
	Eighth Grade(t-4) Enrollment Based Graduation Rate	Jefferson County		72.8%	70.3%	77.5%	81.3%		
	GED Completions (calendar year) ▲	Louisville MSA			2,057	1,985	1,862	2,063	1,963
	Postsecondary degrees, academic year ending Spring ▼		**1990**	**2000**	**2004**	**2005**	**2006**	**2007**	**2008**
	All postsecondary awards, degrees, certificates	Louisville MSA	7,391	8,168	10,478	11,179	12,516	12,754	13,771
	Awards/certificates below associate level	Louisville MSA	1,347	1,149	2,041	2,301	3,069	3,045	3,679
	Associate degrees	Louisville MSA	1,667	1,815	2,133	2,191	2,458	2,517	2,736
	Bachelor's degrees	Louisville MSA	2,462	2,960	3,501	3,906	4,054	4,231	4,185
	Graduate degrees	Louisville MSA	1,360	1,662	2,283	2,229	2,400	2,391	2,509
	1st professional degree	Louisville MSA	555	478	520	552	535	570	662
	Postsecondary enrollments, academic year beginning Fall ▼		**1990**	**2000**	**2004**	**2005**	**2006**	**2007**	**2008**
	Total postsecondary enrollments	Louisville MSA	50,641	51,462	60,753	60,998	61,348	62,472	65,352
	Full-time	Louisville MSA	25,204	27,614	35,233	34,438	34,488	36,188	36,983
	Part-time	Louisville MSA	25,437	23,848	25,520	26,560	26,860	26,284	28,369
	Associate degree granting institutions only	Louisville MSA	14,470	14,836	20,188	19,629	20,709	21,114	23,291
	Undergraduate level, including associate degree granting	Louisville MSA	42,490	42,357	50,057	49,970	50,428	51,583	54,216
	Graduate level	Louisville MSA	5,683	6,755	7,856	8,120	8,029	7,884	7,914
	1st professional level	Louisville MSA	2,468	2,350	2,840	2,908	2,891	3,005	3,222

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RANKINGS (out of 16 comparison metro areas)

	Educational Attainment ♠	Geography	1990	2000	2004	2005	2006	2007	2008
Attainment	% Adults with high school diploma or higher	Louisville MSA	12	12		12	12	11	10
	% Adults with bachelor's degree or higher	Louisville MSA	16	16		16	16	16	16
	% Adults with high school diploma or higher *	Jefferson County	15	11	15	12	10	10	7
	% Adults with bachelor's degree or higher *	Jefferson County	15	12	13	12	11	11	10
	Components ◙		**1990**	**2000**	**2004**	**2005**	**2006**	**2007**	**2008**
	% Adults with high school only	Louisville MSA	2	1		2	3	1	1
	% Adults some college only	Louisville MSA	14	7		6	6	7	7
	% Adults with associate degree only	Louisville MSA	13	11		6	9	7	10
	% Adults with bachelors degree only	Louisville MSA	16	16		16	16	16	16
	% Adults with graduate or professional degree	Louisville MSA	11	11		12	11	13	12
	% Adults with high school only	Jefferson County	5	5	5	8	5	5	1
	% Adults some college only	Jefferson County	13	8	8	5	6	6	7
	% Adults with associate degree only	Jefferson County	13	10	10	7	13	9	13
	% Adults with bachelors degree only	Jefferson County	16	14	15	15	15	14	13
	% Adults with graduate or professional degree	Jefferson County	9	8	6	9	8	11	9
	Younger Age Cohorts		**1990**	**2000**	**2004**	**2005**	**2006**	**2007**	**2008**
	% Adults 25-34 yrs old with high school diploma or higher	Louisville MSA	10	10		5	9	10	7
	% Adults 25-34 yrs old with some college or associate degre	Louisville MSA	9	4		2	1	5	5
	% Adults 25-34 yrs old with bachelors degree or higher	Louisville MSA	15	13		12	13	14	11
	% Adults 35-44 yrs old with high school diploma or higher	Louisville MSA	9	9		13	10	8	4
	% Adults 35-44 yrs old with some college or associate degre	Louisville MSA	9	7		4	3	3	4
	% Adults 35-44 yrs old with bachelors degree or higher	Louisville MSA	16	16		14	15	16	14
	K-12 Activity, Performance		**1990**	**2000**	**2004**	**2005**	**2006**	**2007**	**2008**
Performance	Eighth Grade(t-4) Enrollment Based Graduation Rate ♣	Louisville MSA		6	10	7	5		
	Eighth Grade(t-4) Enrollment Based Graduation Rate	Jefferson County		5	12	8	5		
	GED Completions per 100,000 population 18+ years ▲	Louisville MSA			4	4	4	4	10
	Postsecondary degrees per capita, academic year ending Spring ▼		**1990**	**2000**	**2004**	**2005**	**2006**	**2007**	**2008**
	All postsecondary awards, degrees, certificates	Louisville MSA	11	13	11	11	9	9	9
	Awards/certificates below associate level	Louisville MSA	7	10	6	7	3	3	4
	Associate degrees	Louisville MSA	7	8	6	7	7	7	5
	Bachelor's degrees	Louisville MSA	15	15	14	12	12	11	12
	Graduate degrees	Louisville MSA	8	11	9	8	8	8	8
	1st professional degree	Louisville MSA	5	8	8	7	7	7	6
	Postsecondary enrollments per capita, academic year beginning Fall ▼		**1990**	**2000**	**2004**	**2005**	**2006**	**2007**	**2008**
	Total postsecondary enrollments	Louisville MSA	8	11	9	11	11	9	9
	Full-time	Louisville MSA	12	12	10	12	12	10	11
	Part-time	Louisville MSA	6	8	7	5	6	6	6
	Associate degree granting institutions only	Louisville MSA	8	11	11	11	11	11	11
	Undergraduate level, including associate degree granting	Louisville MSA	9	11	11	11	11	11	9
	Graduate level	Louisville MSA	9	10	10	10	10	10	10
	1st professional level	Louisville MSA	4	6	4	4	4	4	3

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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 2007 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; includes all ages.

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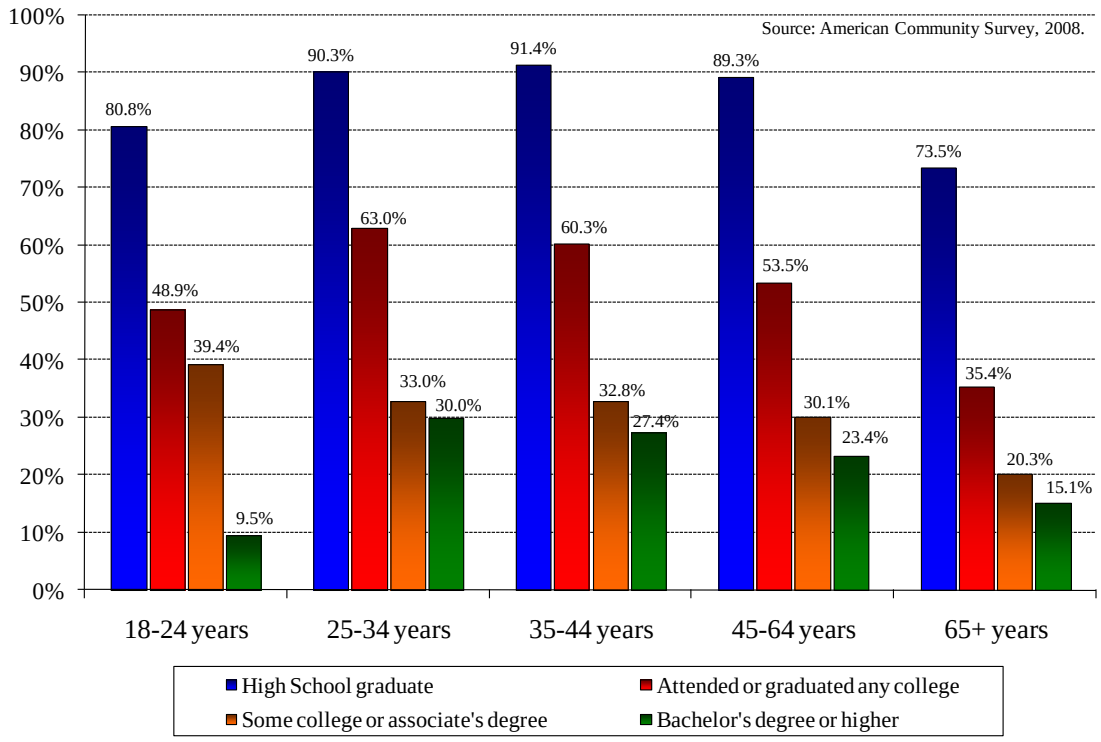
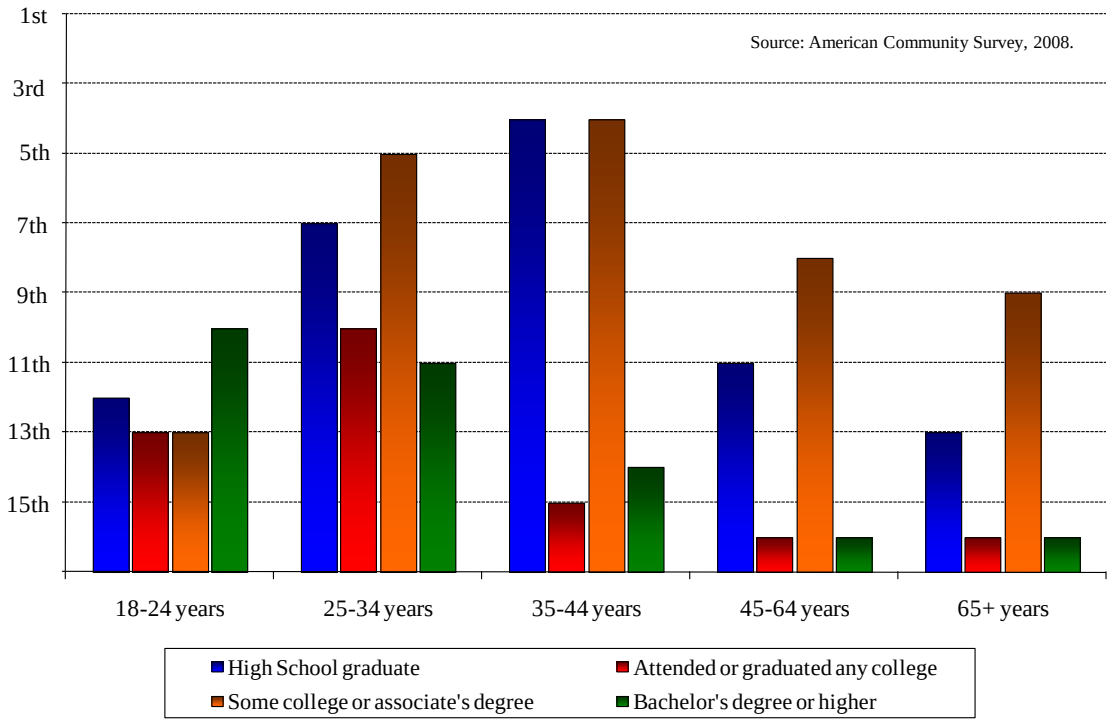
Research and compilation by University of Louisville

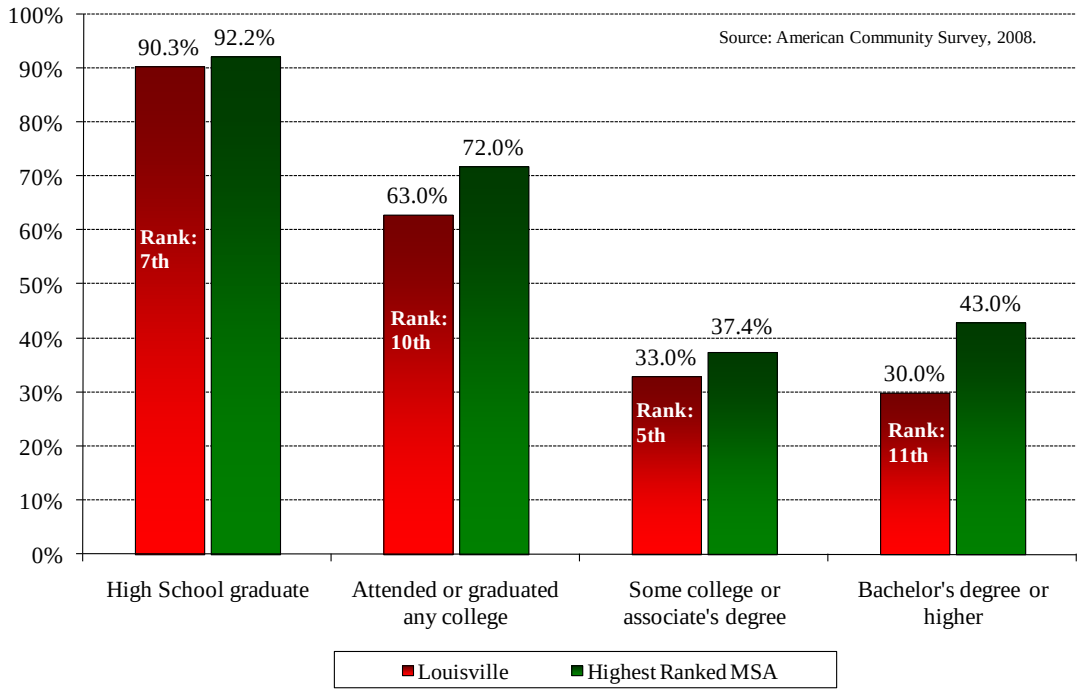
Educational Attainment in the Louisville MSA by Age, 2008



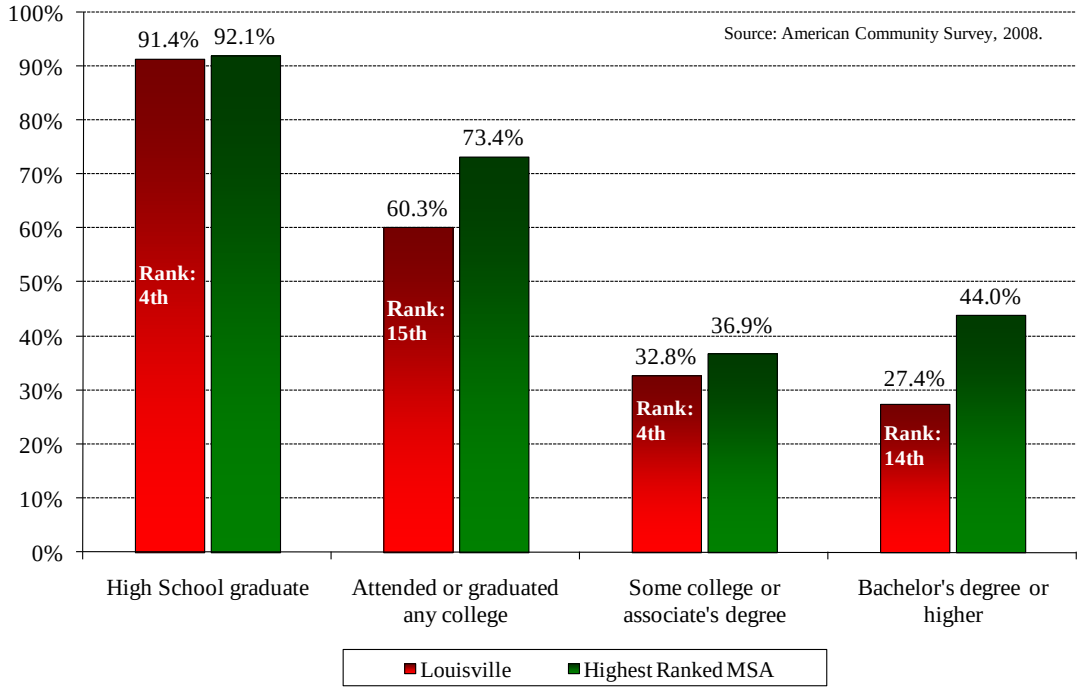
Educational Attainment, 2008
Louisville MSA Rank Among 16 Peer Metros



Educational Attainment, 2008
Louisville MSA vs Highest Ranked MSA, 25-34 years



Educational Attainment, 2008
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**
Ivy Tech Community College-South Central	1,933	2,035	2,716	2,917	3,050	2,995	3,319	3,181	3,826
Indiana University-Southeast	6,427	6,557	6,716	6,408	6,238	6,164	6,183	6,241	6,482
Mid-America College of Funeral Service	36	51	51	61	107	76	35	35	44
Bellarmine University	2,848	2,982	3,294	3,134	2,888	2,827	2,878	3,011	3,001
Galen College of Nursing-Louisville	48	34	44	45	47	111	147	145	753
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
Jefferson Technical College	1,512	3,246	3,582	3,697	3,694	0	0	0	0
National College of Business and Tech-Lexington	0	1,220	0	0	0	0	0	0	0
Louisville Bible College	130	0	0	0	0	172	0	113	103
Louisville Technical Institute	612	623	624	670	645	580	557	654	581
University of Louisville	19,771	19,682	20,416	20,605	20,729	20,726	20,785	20,809	20,726
Louisville Presbyterian Theological Seminary	250	235	227	193	184	204	217	204	206
RETS Electronic Institute/Brown Mackie College-Louisville	365	411	327	350	68	92	335	679	1,036
The Southern Baptist Theological Seminary	2,320	2,443	2,716	2,904	2,983	3,263	3,108	3,114	3,506
Spalding University	1,632	1,670	1,702	1,658	1,698	1,641	1,697	1,651	1,667
Spencerian College	201	584	928	1,326	1,254	1,327	1,180	1,250	1,250
Sullivan University	3,212	4,402	4,646	4,962	4,860	5,212	4,599	4,538	4,708
Computer Education Services Inc./Decker College Of Business Technology	90	86	109	368	949	0	0	0	0
Charles A. Prosser School of Technology	104	12	10	2	686	0	0	0	0
Kentucky Career Institute/Daymar College-Louisville	97	86	113	227	296	293	240	319	521
ITT Technical Institute	354	358	402	495	0	714	750	742	851
Ottawa University-Jeffersonville	0	0	0	48	76	74	71	97	108
Decker College-Louisville	0	0	0	0	79	0	0	0	0
University of Phoenix-Louisville Campus	0	0	0	0	116	296	316	149	77
ATA Career Education	0	0	0	0	0	0	224	240	345
DeVry University-Kentucky	0	0	0	0	0	0	0	0	1
Total, Louisville Metropolitan Area	**51,462**	**55,944**	**58,013**	**59,715**	**60,753**	**60,998**	**61,348**	**62,472**	**65,352**
Awards below Associate level, Academic Year ending Spri	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**
Ivy Tech Community College-South Central	76	67	61	70	110	101	120	123	180
Indiana University-Southeast	5	10	5	16	41	61	83	65	58
Galen College of Nursing-Louisville	66	58	83	87	90	107	132	192	262
Jefferson Community College/Jefferson Community & Technology College	0	2	23	41	90	120	1,861	1,763	2,322
Jefferson Technical College	164	251	268	545	661	1,130	0	0	0
National College of Business and Tech-Lexington	0	161	0	0	0	0	0	0	0
Louisville Bible College	6	1	1	0	5	11	6	2	3
Louisville Technical Institute	134	109	122	114	130	127	99	92	70
University of Louisville	117	117	118	117	112	109	68	38	31
RETS Electronic Institute/Brown Mackie College-Louisville	7	16	36	9	5	2	3	1	0
Spalding University	0	0	0	0	0	0	4	16	0
Spencerian College	181	215	211	335	403	340	391	384	362
Sullivan University	227	228	182	99	117	134	145	128	134
Computer Education Services Inc./Decker College Of Business Technology	68	43	72	61	199	0	0	0	0
Charles A. Prosser School of Technology	97	7	4	0	0	0	0	0	0
Kentucky Career Institute/Daymar College-Louisville	1	4	3	9	15	59	28	16	14
Decker College-Louisville	0	0	0	0	63	0	0	0	0
ATA Career Education	0	0	0	0	0	0	129	225	243
Total, Louisville Metropolitan Area	**1,149**	**1,289**	**1,189**	**1,503**	**2,041**	**2,301**	**3,069**	**3,045**	**3,679**
Associate Degrees, Academic Year ending Spring	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**
Ivy Tech Community College-South Central	164	143	176	188	211	200	323	330	359
Indiana University-Southeast	120	130	125	140	145	116	113	125	98
Mid-America College of Funeral Service	67	51	55	45	63	58	59	37	33
Galen College of Nursing-Louisville	0	0	0	0	0	0	0	129	178
Jefferson Community College/Jefferson Community & Technology College	509	424	401	432	579	612	847	854	869
Jefferson Technical College	65	36	16	38	52	79	0	0	0
National College of Business and Tech-Lexington	0	228	0	0	0	0	0	0	0
Louisville Bible College	12	5	3	6	5	5	13	10	2
Louisville Technical Institute	191	168	169	210	183	170	201	171	158
University of Louisville	80	63	70	38	45	48	51	22	19
RETS Electronic Institute/Brown Mackie College-Louisville	129	122	99	109	120	89	90	93	91
The Southern Baptist Theological Seminary	15	14	15	4	10	7	8	10	12
Spalding University	4	6	7	12	5	29	7	9	6
Spencerian College	30	19	6	72	189	194	157	115	128
Sullivan University	270	299	590	412	379	395	413	419	569
Decker College Of Business Technology	0	0	0	10	5	0	0	0	0
Kentucky Career Institute/Daymar College-Louisville	44	26	28	14	22	48	62	56	72
ITT Technical Institute	115	119	129	102	120	141	114	137	139
ATA Career Education	0	0	0	0	0	0	0	0	3
Total, Louisville Metropolitan Area	**1,815**	**1,853**	**1,889**	**1,832**	**2,133**	**2,191**	**2,458**	**2,517**	**2,736**

Enrollments and Awards, Louisville MSA Postsecondary Institutions (continued)									
Bachelors Degrees, Academic Year ending Spring	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**
Indiana University-Southeast	444	500	523	603	610	614	603	668	664
Bellarmine University	348	334	343	404	351	419	407	432	469
Louisville Bible College	5	4	4	4	6	8	11	10	19
Louisville Technical Institute	0	0	0	0	0	0	0	0	5
University of Louisville	1,761	1,831	1,883	1,856	1,915	2,164	2,331	2,433	2,407
Louisville Presbyterian Theological Seminary	3	1	0	0	0	28	7	9	12
The Southern Baptist Theological Seminary	15	26	18	71	71	51	74	97	96
Spalding University	196	225	236	180	221	227	210	185	182
Sullivan University	188	192	313	209	323	363	369	346	272
ITT Technical Institute	0	0	0	0	0	8	5	20	19
Ottawa University-Jeffersonville	0	0	0	0	4	24	35	20	19
University of Phoenix-Louisville Campus	0	0	0	0	0	0	2	11	21
Total, Louisville Metropolitan Area	**2,960**	**3,113**	**3,320**	**3,327**	**3,501**	**3,906**	**4,054**	**4,231**	**4,185**
Masters Degrees, Academic Year ending Spring	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**
Indiana University-Southeast	159	157	218	196	264	199	238	197	235
Bellarmine University	198	177	252	205	227	189	183	205	234
Louisville Bible College	1	6	1	5	9	5	4	5	3
University of Louisville	997	1,133	1,139	1,061	1,173	1,245	1,255	1,280	1,261
Louisville Presbyterian Theological Seminary	14	12	10	15	12	10	16	10	14
The Southern Baptist Theological Seminary	55	44	53	63	59	76	122	103	119
Spalding University	78	98	107	159	220	143	208	214	210
Sullivan University	23	23	28	60	96	93	83	86	95
University of Phoenix-Louisville Campus	0	0	0	0	0	0	7	20	24
Total, Louisville Metropolitan Area	**1,525**	**1,650**	**1,808**	**1,764**	**2,060**	**1,960**	**2,116**	**2,120**	**2,195**
Doctoral Degrees, Academic Year ending Spring	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**
Bellarmine University	0	0	0	0	0	38	27	28	36
University of Louisville	76	65	90	89	106	112	144	135	151
Louisville Presbyterian Theological Seminary	9	7	4	13	6	5	3	6	3
The Southern Baptist Theological Seminary	29	64	57	86	75	82	61	44	84
Spalding University	23	34	27	49	36	32	49	58	40
Total, Louisville Metropolitan Area	**137**	**170**	**178**	**237**	**223**	**231**	**284**	**271**	**314**
First Professional Degrees, Academic Year ending Spring	**2000**	**2001**	**2002**	**2003**	**2004**	**2005**	**2006**	**2007**	**2008**
University of Louisville	310	315	321	323	330	333	327	346	343
Louisville Presbyterian Theological Seminary	37	27	30	36	26	30	28	22	32
The Southern Baptist Theological Seminary	131	137	146	185	164	189	180	202	287
Total, Louisville Metropolitan Area	**478**	**479**	**497**	**544**	**520**	**552**	**535**	**570**	**662**
Note: Jefferson Community College and Jefferson Technical College merged to form Jefferson Community and Technical College in 2005.									

KentuckianaWorks Human Capital Scorecard
Postsecondary Degree Report

January 2010

This supplement to the *KentuckianaWorks Human Capital Scorecard* presents data 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. STEM fields include agricultural and plant sciences, environmental science, computer and information sciences, science and technical teacher education, engineering, engineering technology, biology/biological sciences, mathematics, and all the physical sciences. Health care related fields include 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 2008.Certain trends and recent developments are highlighted below.

- In 2008 the overall number of degrees awarded in the STEM fields increased from the fairly constant level seen in previous years. There were 100 more degrees awarded in these fields during the 2007-2008 academic year than were previously awarded during 2006-2007, about a 7 percent increase. This was entirely due to a 65 percent increase in the number of awards below the associate's degree level. The number of degrees awarded at each of the higher levels remained at their recent historic levels.
- The increase above is reflected in the STEM rankings among the peer metro areas. Louisville moved up a rank for both overall STEM degrees (9^{th} from 10^{th}) and awards below the associate degree level (4^{th} from 5^{th}). Louisville also advanced a rank for master's degrees, but only to a previously achieved rank (5^{th}), but lost ground in the rankings for associate's degrees despite a nearly identical number of awards.
- 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 area's trend for bachelor's degrees on a per capita basis is positive, having moved from 15^{th} to 13^{th} place since 2004. While enrollment has recently increased at IU-Southeast and Bellarmine University, and the academic level of incoming freshmen at the University of Louisville has been increasing, those factors have not yet translated into more degrees granted in the STEM fields.

- 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 have increased markedly since 2004, all of it at the undergraduate level. At the bachelor's degree level, IU-Southeast, Bellarmine University, and University of Louisville have all nearly doubled the degrees they award in health care related fields.
- Despite the dramatic increases in awards at the bachelor's degree level and below, Louisville has not advanced much, if at all, in the peer rankings, indicating that increases are a general trend across the country. On a positive note, Louisville now awards the second most doctoral degrees in health care related fields of the peer metros. This is due to new programs at Bellarmine and Spalding Universities.
- On a per capita basis, Louisville has a mixed record since 2004 in degrees in health care related fields. Louisville has moved up the rankings for total degrees and at the associate's level, but has dropped in the rankings at the levels of graduate degrees (master's and doctoral combined) and first professional degrees.
- In terms of the percentage of all degrees awarded 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 above the average in the comparison metros only at the associate's degree level (45 percent versus 42 percent), but is farthest below the average at the below associate's degree level (44 percent versus 56 percent).

The *KentuckianaWorks Human Capital Scorecard* is produced 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, at paul.coomes@louisville.edu.

KentuckianaWorks is Greater Louisville's workforce investment board and serves Bullitt, Henry, Jefferson, Oldham, Shelby, Spencer and Trimble counties. KentuckianaWorks oversees the region's system of One-Stop Career Centers, where job seekers can find jobs and education and training opportunities and apply for unemployment insurance. One-Stop Career Centers also help employers meet their workforce needs by linking them with qualified employees. For more information, call (502) 574-2500 or click on kentuckianaworks.org.

UNIVERSITY OF LOUISVILLE

KENTUCKIANAWORKS

SCORECARD

Postsecondary Degrees in Strategic Sectors

Science, Technology, Engineering, and Mathematics Degrees

STEM

Postsecondary degrees, academic year ending Spring		2004	2005	2006	2007	2008
All postsecondary awards, degrees, certificates	Louisville MSA	1,535	1,482	1,535	1,523	1,635
Awards/certificates below associate level	Louisville MSA	186	151	189	182	300
Associate degrees	Louisville MSA	541	489	456	468	469
Bachelor's degrees	Louisville MSA	473	523	511	537	513
Master's degrees	Louisville MSA	296	272	307	263	281
Doctoral degrees	Louisville MSA	39	47	72	73	72
Ranking (out of 16 comparison metros)		**2004**	**2005**	**2006**	**2007**	**2008**
All postsecondary awards, degrees, certificates	Louisville MSA	9	11	10	10	9
Awards/certificates below associate level	Louisville MSA	7	7	5	5	4
Associate degrees	Louisville MSA	6	4	6	3	5
Bachelor's degrees	Louisville MSA	14	12	14	14	14
Master's degrees	Louisville MSA	5	6	5	6	5
Doctoral degrees	Louisville MSA	7	7	7	7	7

Health Care Related Degrees

Health Care

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

References and notes

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.

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, 2008
Science, Technology, Engineering, & Mathematics Fields
with Trends Among Louisville and its 15 Competitor Metropolitan Areas

	Below Associate Level (less than 2 years), 2008	Rank	Relative change since 2004		Associate Level (2 years to less than 4 years), 2008	Rank	Relative change since 2004
Lexington	71.46	1	↑	Dayton	65.51	1	↔
Dayton	60.37	2	↓	Richmond	54.83	2	↔
Columbus	28.54	3	↑	Lexington	44.33	3	↔
Louisville	24.10	4	↑	Louisville	37.68	4	↑
Jacksonville	14.77	5	↑	Omaha	35.33	5	↓
Charlotte	14.75	6	↑	Cincinnati	31.60	6	↑
Kansas City	14.19	7	↓	Columbus	27.52	7	↑
Cincinnati	11.41	8	↑	Memphis	26.06	8	↑
Memphis	9.18	9	↑	Birmingham	25.68	9	↓
Indianapolis	8.10	10	↑	Nashville	21.67	10	↔
Raleigh	7.72	11	↓	Indianapolis	18.89	11	↑
Omaha	7.64	12	↓	Raleigh	18.19	12	↔
Birmingham	7.52	13	↓	Jacksonville	17.74	13	↓
Greensboro	5.24	14	↔	Kansas City	16.38	14	↓
Nashville	4.13	15	↑	Greensboro	13.89	15	↑
Richmond	0.41	16	↓	Charlotte	10.87	16	↓

	Bachelor's Degree (includes postbac), 2008	Rank	Relative change since 2004		Master's Degree, 2008	Rank	Relative change since 2004
Raleigh	200.04	1	↔	Dayton	79.25	1	↑
Lexington	185.48	2	↔	Raleigh	64.38	2	↓
Columbus	125.15	3	↔	Lexington	59.33	3	↔
Dayton	95.51	4	↑	Greensboro	32.73	4	↔
Greensboro	85.87	5	↓	Columbus	28.76	5	↔
Omaha	76.74	6	↑	Louisville	22.58	6	↔
Nashville	75.77	7	↓	Omaha	21.00	7	↑
Richmond	72.86	8	↑	Cincinnati	19.21	8	↓
Cincinnati	68.44	9	↓	Richmond	15.58	9	↑
Charlotte	56.82	10	↓	Indianapolis	15.10	10	↑
Birmingham	51.18	11	↑	Charlotte	13.46	11	↓
Indianapolis	50.77	12	↑	Birmingham	13.15	12	↓
Louisville	41.21	13	↑	Nashville	13.03	13	↓
Memphis	36.71	14	↑	Memphis	7.93	14	↓
Jacksonville	34.57	15	↓	Kansas City	7.89	15	↔
Kansas City	31.67	16	↓	Jacksonville	2.59	16	↔

	Doctoral Degree, 2008	Rank	Relative change since 2004		Total Degrees, 2008	Rank	Relative change since 2004
Lexington	28.45	1	↑	Lexington	389.04	1	↑
Raleigh	23.24	2	↓	Raleigh	313.57	2	↓
Columbus	20.36	3	↔	Dayton	308.41	3	↔
Nashville	11.80	4	↔	Columbus	230.38	4	↔
Birmingham	9.48	5	↔	Richmond	148.41	5	↑
Cincinnati	8.63	6	↔	Omaha	143.81	6	↑
Dayton	7.77	7	↑	Greensboro	140.86	7	↓
Louisville	5.78	8	↑	Cincinnati	139.30	8	↔
Richmond	4.73	9	↓	Louisville	131.36	9	↑
Greensboro	3.12	10	↓	Nashville	126.39	10	↓
Omaha	3.10	11	↔	Birmingham	107.01	11	↓
Memphis	2.10	12	↑	Charlotte	97.49	12	↑
Charlotte	1.59	13	↑	Indianapolis	94.38	13	↑
Indianapolis	1.52	14	↓	Memphis	81.98	14	↑
Jacksonville	0.00	15	↑	Kansas City	70.13	15	↓
Kansas City	0.00	15	↔	Jacksonville	69.68	16	↓

Source: Integrated Postsecondary Education Data System (IPEDS), 2004-05, 2008-09.

Postsecondary Degrees Awarded per 100,000 Residents, 2008
Health Care Related Fields
with Trends Among Louisville and its 15 Competitor Metropolitan Areas

	Below Associate Level (less than 2 years), 2008	Rank	Relative change since 2004
Dayton	219.00	1	↑
Lexington	168.05	2	↑
Jacksonville	158.85	3	↓
Memphis	152.52	4	↓
Columbus	131.07	5	↑
Kansas City	120.08	6	↓
Louisville	106.13	7	↔
Nashville	105.11	8	↔
Cincinnati	99.72	9	↑
Omaha	66.83	10	↔
Richmond	64.78	11	↓
Indianapolis	60.63	12	↑
Charlotte	59.41	13	↓
Greensboro	36.42	14	↑
Birmingham	28.27	15	↓
Raleigh	19.10	16	↔

	Associate Level (2 years to less than 4 years), 2008	Rank	Relative change since 2004
Dayton	197.48	1	↑
Lexington	111.15	2	↓
Cincinnati	68.58	3	↑
Richmond	66.74	4	↑
Jacksonville	64.73	5	↔
Birmingham	63.89	6	↑
Omaha	62.42	7	↔
Louisville	61.86	8	↑
Columbus	58.43	9	↑
Kansas City	55.54	10	↓
Memphis	53.82	11	↔
Nashville	52.17	12	↓
Charlotte	51.83	13	↓
Indianapolis	47.22	14	↔
Greensboro	39.68	15	↑
Raleigh	32.79	16	↓

	Bachelor's Degree (includes postbac), 2008	Rank	Relative change since 2004
Omaha	129.84	1	↔
Columbus	67.56	2	↑
Dayton	58.57	3	↔
Cincinnati	56.24	4	↑
Jacksonville	51.17	5	↑
Greensboro	47.19	6	↓
Lexington	45.65	7	↓
Birmingham	43.93	8	↓
Indianapolis	38.47	9	↓
Louisville	37.76	10	↔
Kansas City	34.12	11	↓
Richmond	31.33	12	↑
Memphis	30.18	13	↑
Nashville	29.15	14	↓
Charlotte	15.34	15	↔
Raleigh	6.43	16	↔

	Graduate, 2008	Rank	Relative change since 2004
Lexington	86.45	1	↑
Birmingham	50.20	2	↑
Omaha	47.62	3	↓
Nashville	45.53	4	↔
Richmond	32.72	5	↑
Indianapolis	29.73	6	↑
Cincinnati	27.42	7	↑
Columbus	26.51	8	↓
Dayton	25.58	9	↑
Greensboro	23.66	10	↓
Louisville	18.72	11	↓
Kansas City	12.24	12	↓
Jacksonville	9.06	13	↔
Charlotte	7.87	14	↔
Memphis	7.16	15	↔
Raleigh	0.64	16	↔

	1st Professional, 2008	Rank	Relative change since 2004
Omaha	85.33	1	↔
Lexington	54.69	2	↔
Indianapolis	35.03	3	↑
Richmond	32.39	4	↑
Birmingham	32.12	5	↓
Kansas City	30.97	6	↓
Columbus	28.14	7	↔
Nashville	17.99	8	↑
Louisville	17.43	9	↓
Cincinnati	11.46	10	↔
Dayton	10.88	11	↑
Memphis	9.33	12	↓
Charlotte	3.58	13	↔
Greensboro	0.00	14	↓
Jacksonville	0.00	15	↓
Raleigh	0.00	15	↓

	Total Degrees, 2008	Rank	Relative change since 2004
Dayton	511.51	1	↑
Lexington	466.01	2	↔
Omaha	392.04	3	↓
Columbus	311.71	4	↑
Jacksonville	283.80	5	↓
Cincinnati	263.42	6	↑
Memphis	253.01	7	↓
Kansas City	252.94	8	↓
Nashville	249.95	9	↑
Louisville	241.91	10	↑
Richmond	227.97	11	↓
Birmingham	218.41	12	↓
Indianapolis	211.08	13	↓
Greensboro	146.95	14	↑
Charlotte	138.03	15	↓
Raleigh	58.97	16	↔

Source: Integrated Postsecondary Education Data System (IPEDS), 2004-05, 2008-09.

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

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	41.8%	51.4%	28.7%	46.8%	63.7%	40.8%
Charlotte	53.1%	34.3%	19.6%	21.8%	100.0%	29.4%
Cincinnati	69.2%	49.7%	23.7%	24.2%	44.7%	35.2%
Columbus	77.9%	45.6%	25.1%	30.1%	46.6%	36.8%
Dayton	61.5%	54.9%	25.8%	35.0%	34.3%	43.5%
Greensboro	39.6%	33.8%	19.3%	25.6%	n/a	24.3%
Indianapolis	53.0%	41.2%	27.5%	29.2%	64.9%	36.9%
Jacksonville	36.7%	24.9%	24.4%	16.6%	0.0%	28.2%
Kansas City	64.7%	32.8%	21.1%	16.8%	72.7%	35.8%
Lexington	47.4%	46.4%	21.8%	39.1%	43.1%	34.6%
Louisville	44.1%	45.3%	23.5%	23.4%	32.8%	33.7%
Memphis	75.0%	44.1%	22.4%	18.0%	40.0%	41.1%
Nashville	43.8%	44.3%	19.3%	29.6%	51.9%	30.5%
Omaha	68.7%	33.6%	31.1%	27.8%	82.9%	37.6%
Raleigh	21.5%	32.9%	39.4%	48.7%	0.0%	37.6%
Richmond	90.5%	64.6%	22.1%	29.9%	57.5%	39.0%
Birmingham	13	3	3	2	5	3
Charlotte	8	11	14	13	1	14
Cincinnati	4	4	8	11	9	10
Columbus	2	6	6	5	8	8
Dayton	7	2	5	4	12	1
Greensboro	14	12	15	10	n/a	16
Indianapolis	9	10	4	8	4	7
Jacksonville	15	16	7	16	14	15
Kansas City	6	15	13	15	3	9
Lexington	10	5	12	3	10	11
Louisville	11	7	9	12	13	12
Memphis	3	9	10	14	11	2
Nashville	12	8	16	7	7	13
Omaha	5	13	2	9	2	5
Raleigh	16	14	1	1	14	6
Richmond	1	1	11	6	6	4

Source: Integrated Postsecondary Education Data System (IPEDS), 2008-09.

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
Ivy Tech Community College-South Central	9	6	11	15	61
Jefferson Community College/Jefferson Community & Technology College	64	36	63	59	141
Jefferson Technical College	1	0	0	0	0
Louisville Technical Institute	44	38	39	36	26
RETS Electronic Institute/Brown Mackie College-Louisville	5	2	3	0	0
Sullivan University	63	69	71	55	58
ATA Career Education	0	0	2	17	14
Total, Louisville Metropolitan Area	**186**	**151**	**189**	**182**	**300**

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

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

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

Doctoral Degrees, Academic Year ending Spring	2004	2005	2006	2007	2008
University of Louisville	39	47	72	73	72
Total, Louisville Metropolitan Area	**39**	**47**	**72**	**73**	**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
Ivy Tech Community College-South Central	88	83	103	87	87
Galen College of Nursing-Louisville	90	107	132	192	262
Jefferson Community College/Jefferson Community & Technology College	0	0	368	345	371
Jefferson Technical College	75	124	0	0	0
RETS Electronic Institute/Brown Mackie College-Louisville	0	0	0	1	0
Spalding University	0	0	1	0	0
Spencerian College	402	338	385	384	356
Sullivan University	0	2	3	5	2
Kentucky Career Institute/Daymar College-Louisville	15	55	28	16	14
Decker College-Louisville	109	0	0	0	0
ATA Career Education	0	0	127	208	229
Total, Louisville Metropolitan Area	**779**	**709**	**1,147**	**1,238**	**1,321**

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

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

Masters Degrees, Academic Year ending Spring	2004	2005	2006	2007	2008
Bellarmine University	35	31	17	38	10
University of Louisville	74	51	48	79	79
Spalding University	88	18	60	55	66
Total, Louisville Metropolitan Area	**197**	**100**	**125**	**172**	**155**

Doctoral Degrees, Academic Year ending Spring	2004	2005	2006	2007	2008
Bellarmine University	0	38	27	28	36
University of Louisville	16	14	15	13	18
Spalding University	12	10	20	24	24
Total, Louisville Metropolitan Area	**28**	**62**	**62**	**65**	**78**

First Professional Degrees, Academic Year ending Spring	2004	2005	2006	2007	2008
University of Louisville	210	218	216	214	217
Total, Louisville Metropolitan Area	**210**	**218**	**216**	**214**	**217**

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