

Kentucky Center for Statistics



Uniting our data

Informing our Commonwealth

September 2018

Why does



exist?

We believe that
strong connections
between
educators and employers
will produce
**a more prosperous
Commonwealth.**



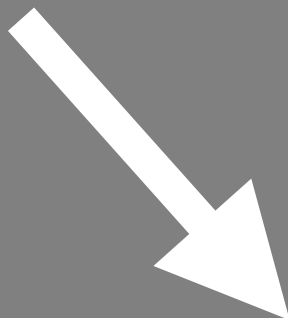
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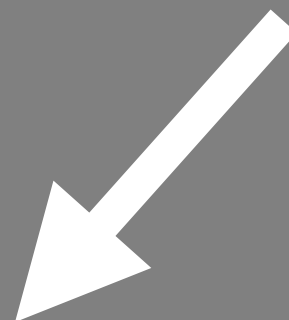
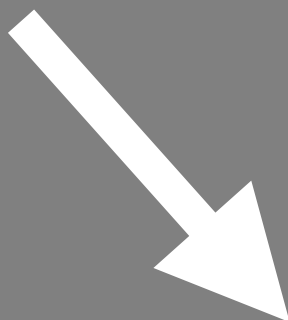


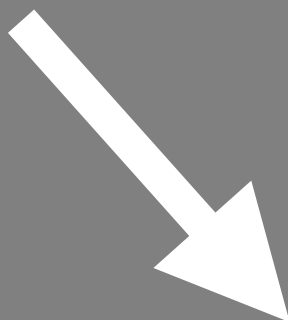
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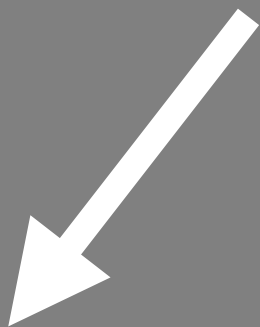
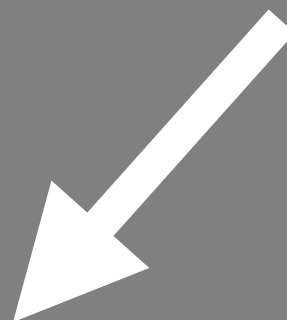
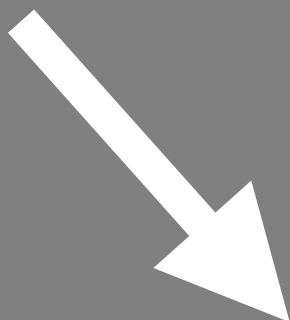
We
connect data
from
educators and employers
to
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I want to become a nurse.



Kentucky Future Skills Report



KENTUCKY FUTURE SKILLS (UPDATED)

[Description and Technical Notes](#)
[Historic Supply \(2011-15\)](#)
[Current Employment Outcomes](#)
[Future Demand \(2017-21\)](#)

I Want a Job in...

I want to work in

Healthcare Practitione...

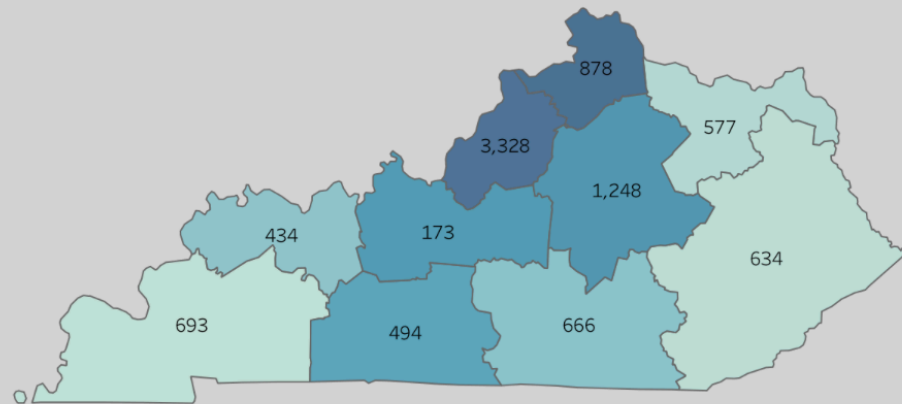
More specifically, a(n)

Registered Nurses



Click logo for Technical Notes

5 Year Projected Demand by Local Workforce Area (2017-21)



\$53,395

\$65,061

The **Kentucky Future Skills Report** is an interactive report that assists policymakers, practitioners and the public when making education and workforce decisions. The Kentucky Future Skills Report utilizes three components of education and workforce development in Kentucky: Historic Supply, Current Employment Outcomes, and Future Demand.

Historic Supply (2011-2015) displays the most current Kentucky credential data available from 2011-2015 by total number of people earning a credential and total number of credentials earned. Credentials are high school diplomas or equivalent, certificates, diplomas, associate degrees, bachelor degrees, and graduate degrees. For the first time, Kentuckians can use an interactive tool to compare credential supply by State, Workforce Planning Region (WPR) and Local Workforce Area (LWA).

Current Employment Outcomes analyzes wages and percent employed in Kentucky over time by secondary (high school graduates with and without career and technical education) and postsecondary (degree level and majors) achievement.

Future Demand (2017-2021) uses a combination of Kentucky Labor Market Information Office and Bureau of Labor Statistics data to project occupation-level job openings and wages in Kentucky from 2017-2021.



KENTUCKY FUTURE SKILLS (UPDATED)



Description and Technical Notes

Historic Supply (2011-15)

Current Employment Outcomes

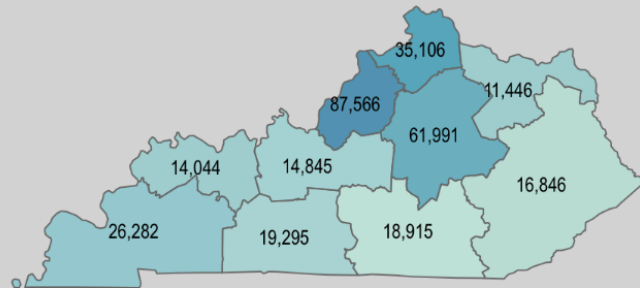
Future Demand (2017-21)



General or Specific Occupations (2017-21)

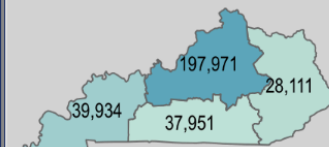
General Occupation

\$36,231 \$50,189

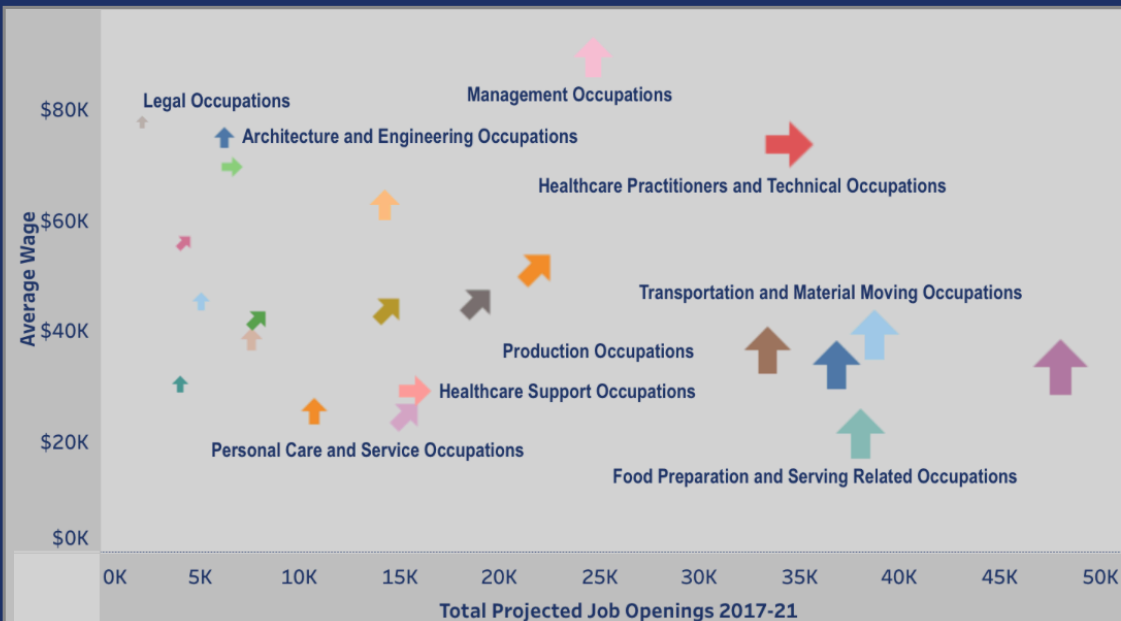


KCEWS

Statewide
102,471



The maps show the total number of job openings by Local Workforce Area, Workforce Planning Region, and State. The shade of blue getting darker indicates higher average wages. Jobs not attributed to a particular area were labeled 'Unassigned.' Click an area or region to filter the dashboard. The arrow chart below shows total projected job openings (including replacement) and average annual wage for occupations. The direction of the arrows displays occupational growth.



Top 5 General Occupation Jobs

Office and Administrative S..	48,000
Transportation and Materi..	38,723
Food Preparation and Servi..	38,062
Sales and Related Occupati..	36,826
Healthcare Practitioners a..	34,453

Average Wage	\$43,952
Total Job Openings	408,807

Occupational Growth

- Very Fast Growing
- ↗ Fast Growing
- ↑ Growing
- Stable
- ↓ Declining

Gen Occs (All)

Spec Occs (All)

Skill Level (All)

Industry (All)



KENTUCKY FUTURE SKILLS (UPDATED)



Description and Technical Notes

Historic Supply (2011-15)

Current Employment Outcomes

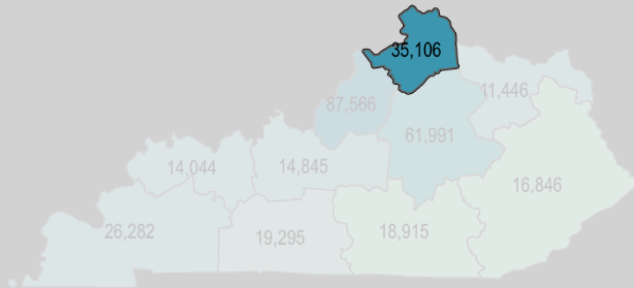
Future Demand (2017-21)



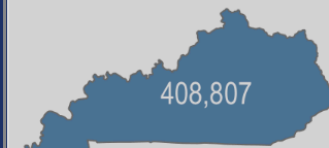
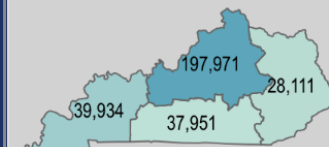
General or Specific Occupations (2017-21)

General Occupation

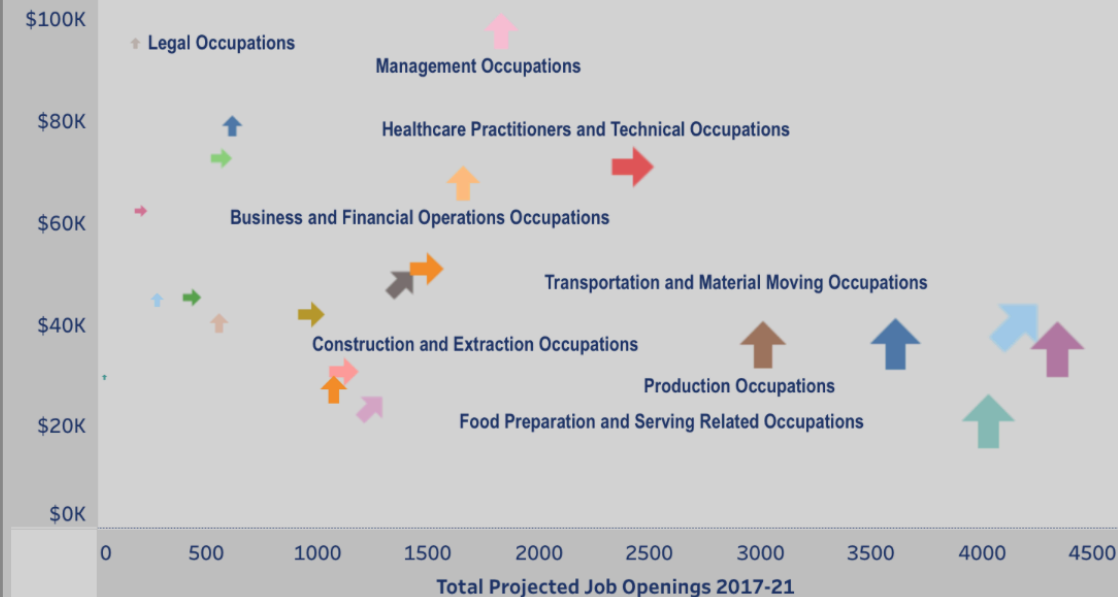
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KCEWS



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Top 5 General Occupation Jobs

Office and Administrative S..	4,336
Transportation and Materi..	4,137
Food Preparation and Servi..	4,027
Sales and Related Occupati..	3,604
Production Occupations	3,007

Average Wage	\$44,027
Total Job Openings	35,106

Occupational Growth

- Very Fast Growing
- ↗ Fast Growing
- ↑ Growing
- ▬ Stable
- ↓ Declining

Gen Occs (All)

Spec Occs (All)

Skill Level (All)

Industry (All)



KENTUCKY FUTURE SKILLS (UPDATED)



Description and Technical Notes

Historic Supply (2011-15)

Current Employment Outcomes



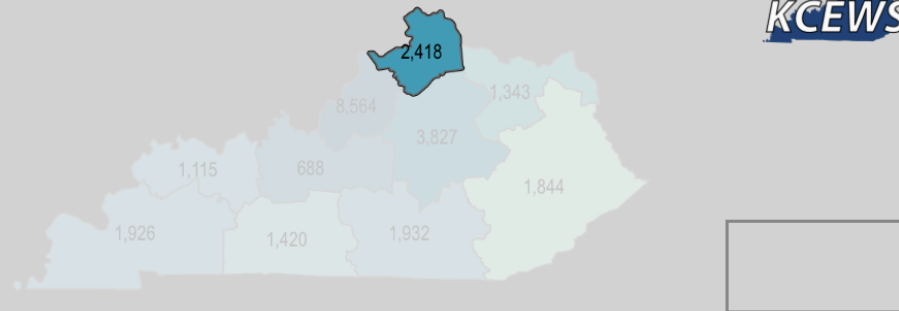
Future Demand (2017-21)



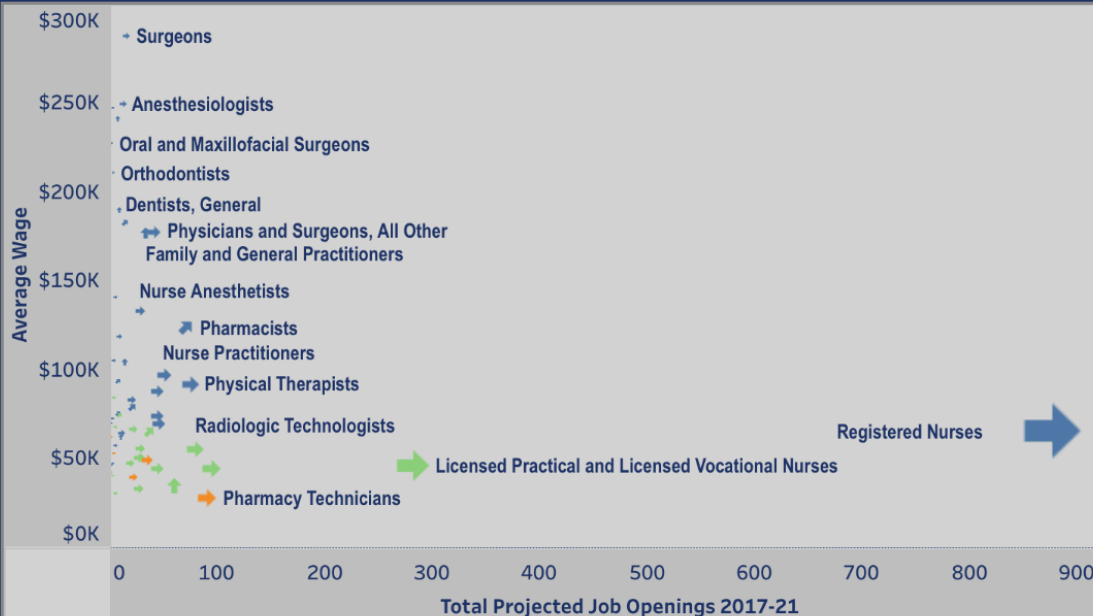
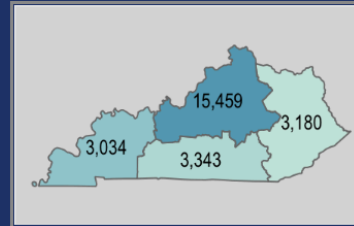
General or Specific Occupations (2017-21)

Specific Occupation

\$61,344 \$79,326



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Top 5 Specific Occupation Jobs

Registered Nurses	878
Licensed Practical and Lice..	281
Medical Records and Healt..	95
Pharmacy Technicians	90
Radiologic Technologists	80

Average Wage	\$70,828
Total Job Openings	2,418

Occupational Growth

- Very Fast Growing
- ↗ Fast Growing
- ↑ Growing
- ▬ Stable
- ↓ Declining

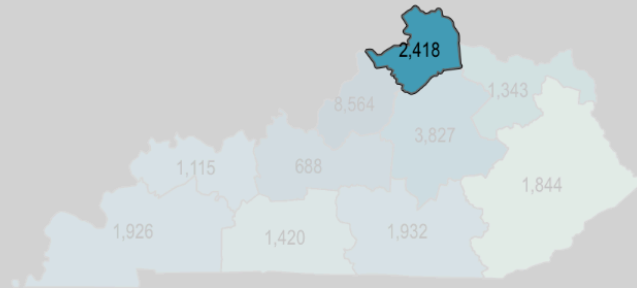
Gen Occs	Healthcare Practitio...
Spec Occs	(All)
Skill Level	(All)
Industry	(All)



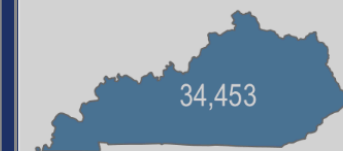
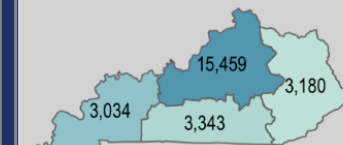
General or Specific Occupations (2017-21)

Specific Occupation

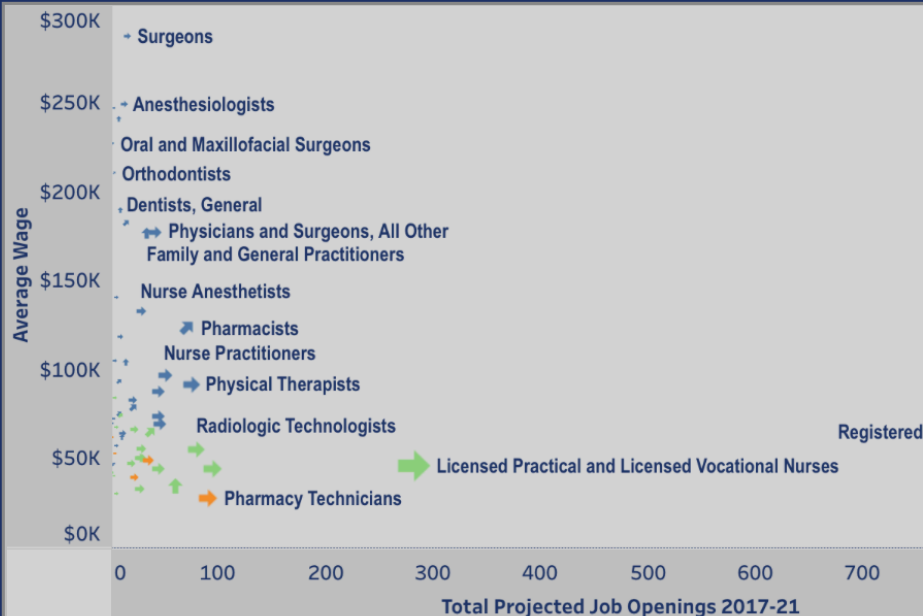
\$61,344 \$79,326



KCEWS



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Average Wage	\$70,828
Total Job Openings	2,418

Occupational Growth

- Very Fast Growing
- ↗ Fast Growing
- ↑ Growing
- Stable
- ↓ Declining

Registered Nurses

Estimated Current Employment: 3,615
 Total Projected 5 Year Demand: 877.5
 Projected Wage (Weighted Mean): \$65,061
 Skill Level: High Skill

**Information below available for specific job occupations only.*

Required Entry Level Education: Bachelor's degree

Required On The Job Training: None

Required Previous Experience: None



KENTUCKY FUTURE SKILLS (UPDATED)

[Description and Technical Notes](#)
[Historic Supply \(2011-15\)](#)
[Current Employment Outcomes](#)
[Future Demand \(2017-21\)](#)

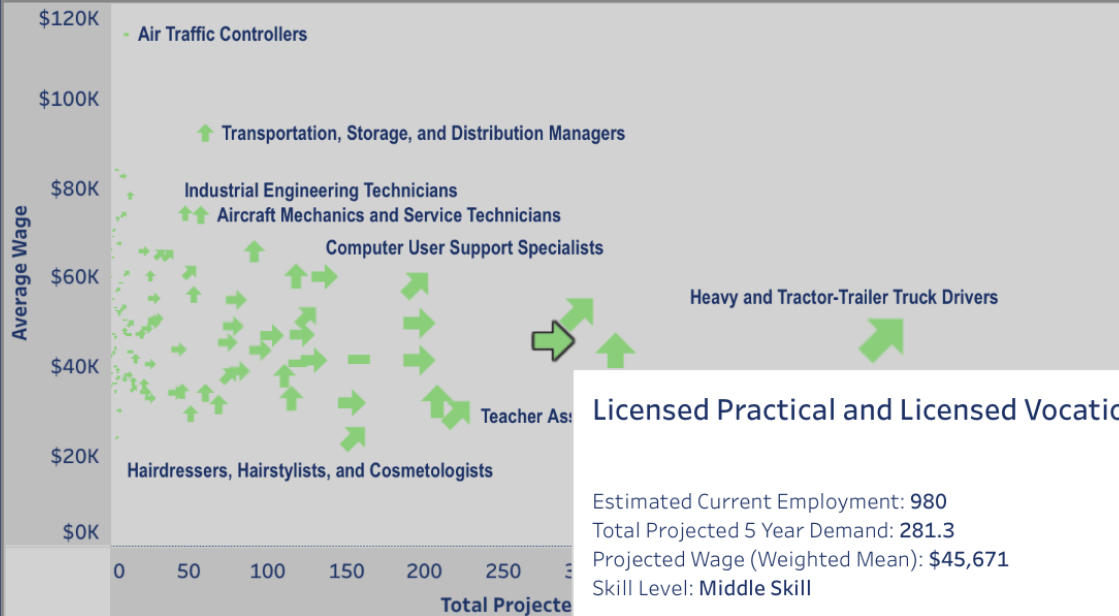
General or Specific Occupations (2017-21)

Specific Occupation

\$34,564 \$44,362

KCEWS

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Top 5 Specific Occupation Jobs

Nursing Assistants	598
Heavy and Tractor-Trailer T..	489
Industrial Truck and Tracto..	428
Maintenance and Repair W..	321
First-Line Supervisors of Of..	296

Average Wage	\$43,322
Total Job Openings	6,812

Occupational Growth

- Very Fast Growing
- ↗ Fast Growing
- ↑ Growing

Licensed Practical and Licensed Vocational Nurses

Estimated Current Employment: 980
 Total Projected 5 Year Demand: 281.3
 Projected Wage (Weighted Mean): \$45,671
 Skill Level: Middle Skill

**Information below available for specific job occupations only.*
 Required Entry Level Education: Postsecondary non-degree award
 Required On The Job Training: None
 Required Previous Experience: None



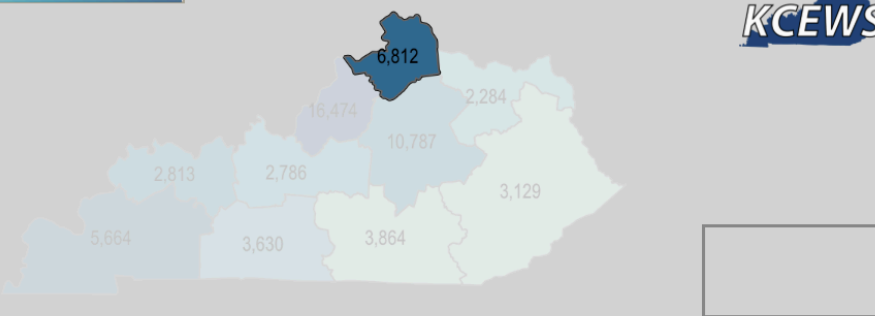
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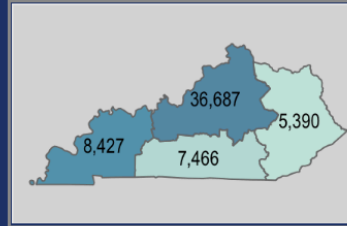
General or Specific Occupations (2017-21)

Specific Occupation

\$34,564 \$44,362



KCEWS



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Plumbers, Pipefitters, and Steamfitters

Estimated Current Employment: 535
 Total Projected 5 Year Demand: 102.3
 Projected Wage (Weighted Mean): \$46,921
 Skill Level: Middle Skill

**Information below available for specific job occupations only.*
 Required Entry Level Education: High school diploma or equivalent
 Required On The Job Training: Apprenticeship
 Required Previous Experience: None

Top 5 Specific Occupation Jobs

Nursing Assistants	598
Heavy and Tractor-Trailer T..	489
Industrial Truck and Tracto..	428
Maintenance and Repair W..	321
First-Line Supervisors of Of..	296

Average Wage	\$43,322
Total Job Openings	6,812

Occupational Growth

- Very Fast Growing
- Fast Growing
- Growing
- Stable
- Declining

Gen Occs	(All)
Spec Occs	(All)
Skill Level	Middle
Industry	(All)



KENTUCKY FUTURE SKILLS (UPDATED)



Description and Technical Notes

Historic Supply (2011-15)

Current Employment Outcomes



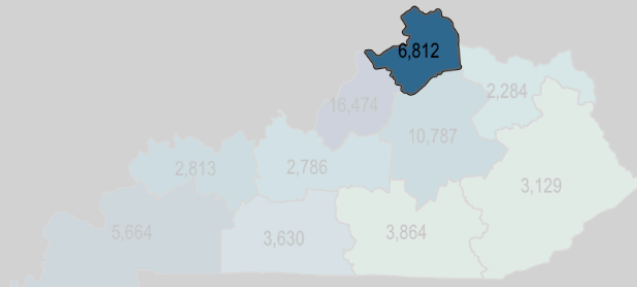
Future Demand (2017-21)



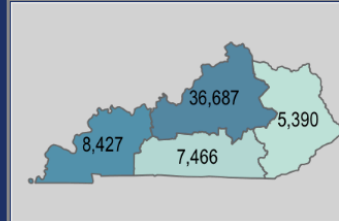
General or Specific Occupations (2017-21)

Specific Occupation

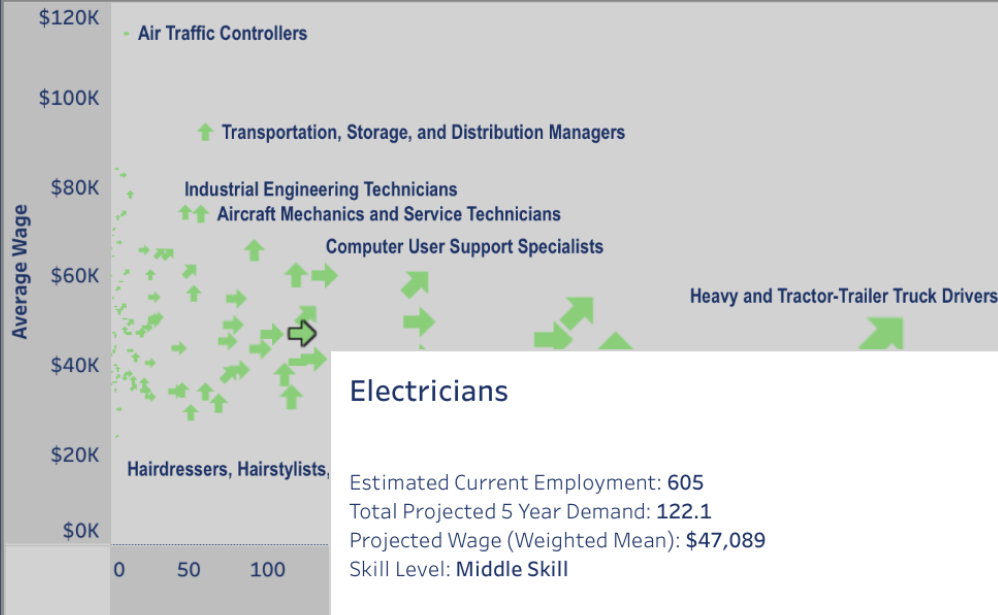
\$34,564 \$44,362



KCEWS



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Electricians

Estimated Current Employment: 605
Total Projected 5 Year Demand: 122.1
Projected Wage (Weighted Mean): \$47,089
Skill Level: Middle Skill

**Information below available for specific job occupations only.*

Required Entry Level Education: High school diploma or equivalent
Required On The Job Training: Apprenticeship
Required Previous Experience: None

Top 5 Specific Occupation Jobs

Nursing Assistants	598
Heavy and Tractor-Trailer T..	489
Industrial Truck and Tracto..	428
Maintenance and Repair W..	321
First-Line Supervisors of Of..	296

Average Wage	\$43,322
Total Job Openings	6,812

Occupational Growth

- Very Fast Growing
- ↗ Fast Growing
- ↑ Growing
- Stable
- ↓ Declining

Gen Occs (All)

Spec Occs (All)

Skill Level Middle

Industry (All)



Are students
from our community
ready to succeed
in college?



High School Feedback Report



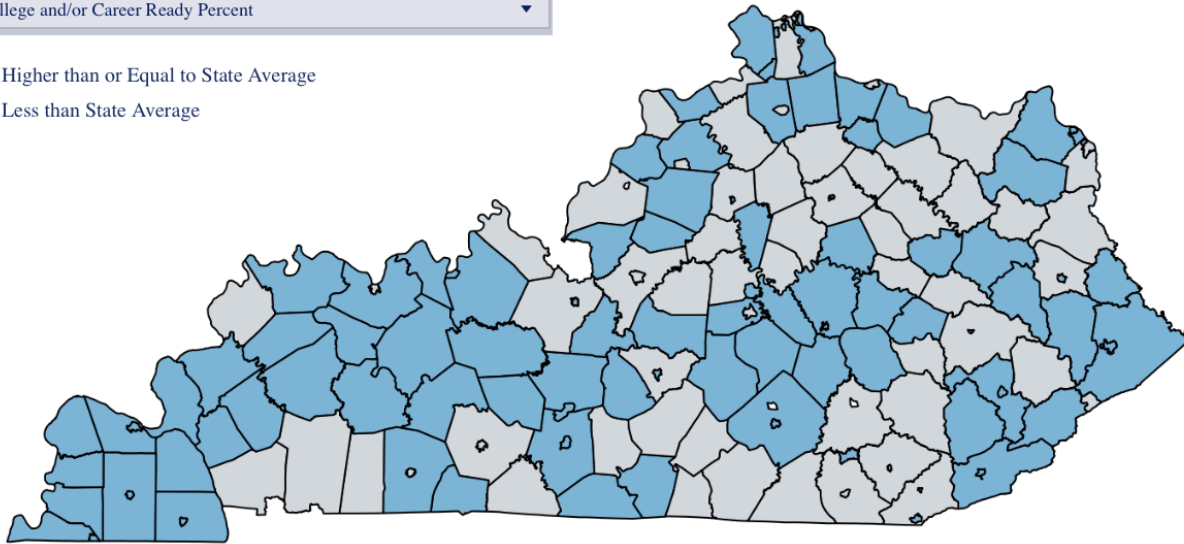
HIGH SCHOOL FEEDBACK REPORT

State Overview

The Kentucky High School Feedback Report is produced by **KYSTATS** utilizing data from the Kentucky Longitudinal Data System (KLDS), which includes data from the following Kentucky agencies: Department of Education, Council on Postsecondary Education, Higher Education Assistance Authority, and Unemployment Insurance. The following charts provide college-going and first year college success metrics for **public high school graduates in AY 2016** that were enrolled at an in-state postsecondary institution during AY 2017. **Click a District** on the map to **filter** the dashboard or click again to reset. District and State data include all public schools unless noted. For PDFs, visit <http://kystats.ky.gov/Reports/Reports>.

College and/or Career Ready Percent

-  Higher than or Equal to State Average
-  Less than State Average



Northern Kentucky Districts

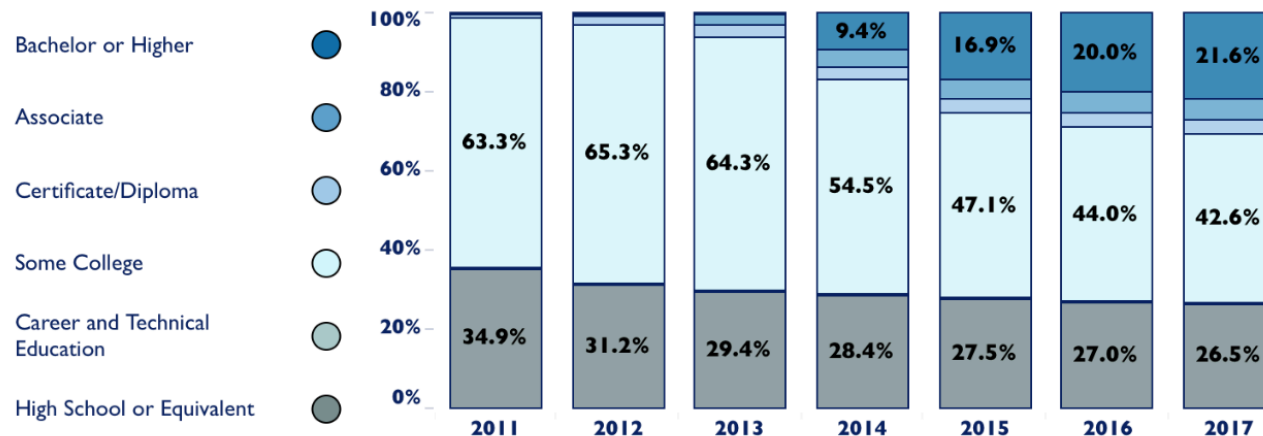


State Averages

High School GPA	2.9
ACT Composite	19.6
Earned College Credit in High Sc..	49.3%
KEES Awarded (USD)	\$1,142
College and/or Career Ready	68.9%
In-State College-Going	53.5%
College GPA in First Year	2.4
Credits Earned First Year of Colle..	19.1

District Overview

This section provides the metrics described above at the district level. District average includes all public high schools. Click the legend to highlight the progression of educational attainment for **2010 high school graduates** through AY 2017. Click the map to **filter** by district.



High School GPA	2.9
ACT Composite	19.6
Earned College Credit in High School	49.3%
KEES Awarded (USD)	\$1,142
College and/or Career Ready	68.9%
In-State College-Going	53.5%
College GPA in First Year	2.4
Credits Earned First Year of College	19.1

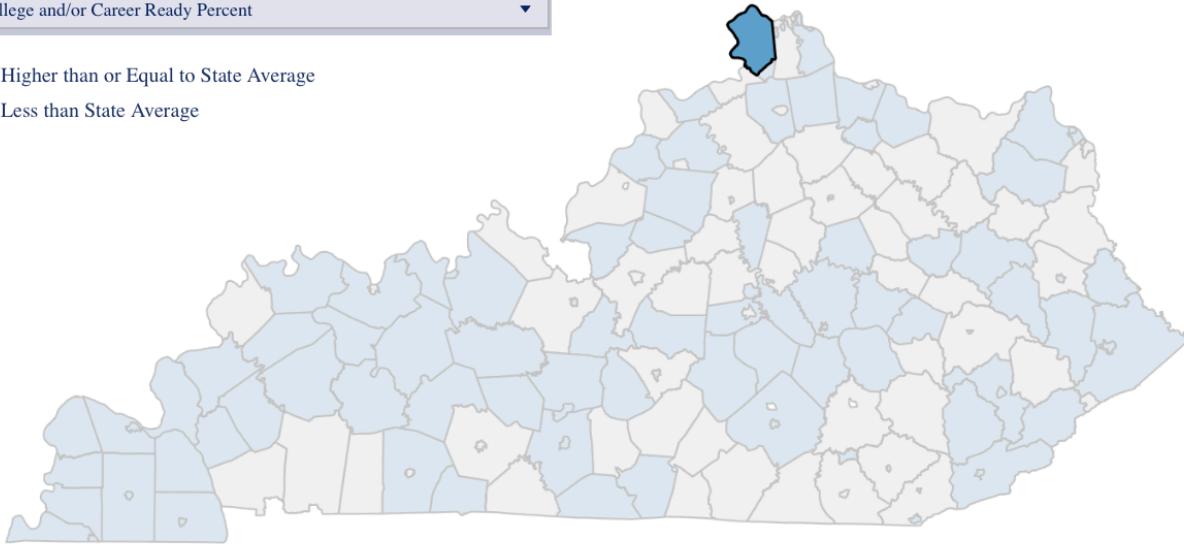
HIGH SCHOOL FEEDBACK REPORT

State Overview

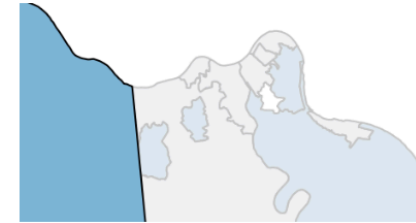
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Northern Kentucky Districts

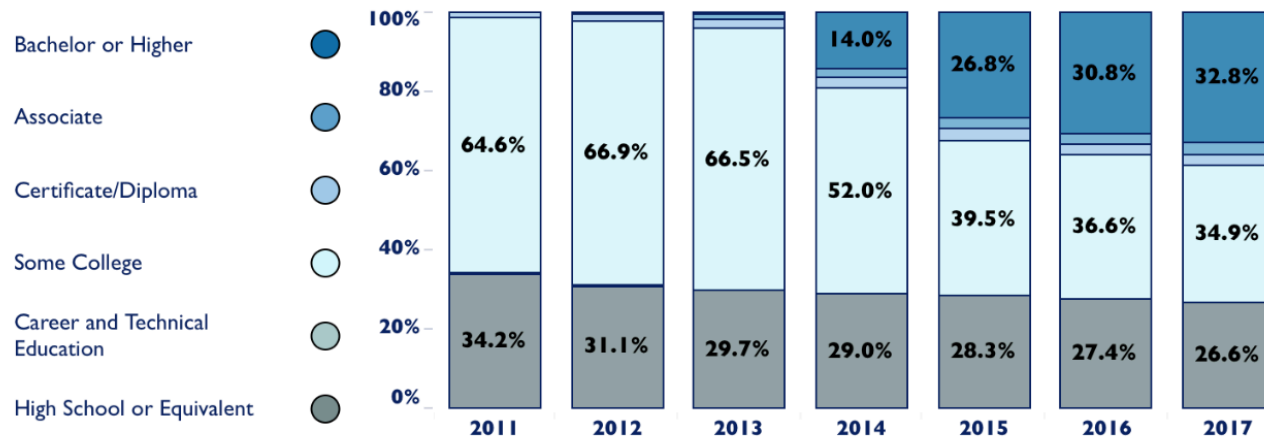


State Averages

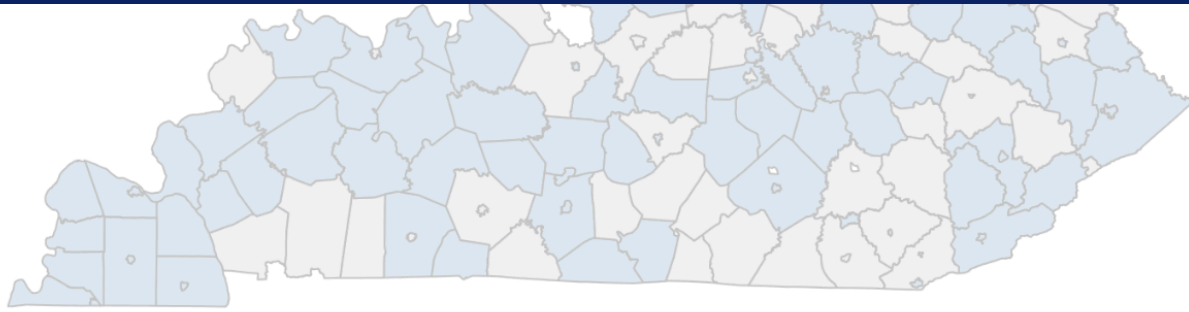
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College GPA in First Year	2.4
Credits Earned First Year of Colle..	19.1

District Overview

This section provides the metrics described above at the district level. District average includes all public high schools. Click the legend to highlight the progression of educational attainment for **2010 high school graduates** through AY 2017. Click the map to **filter** by district.



High School GPA	2.9
ACT Composite	21.1
Earned College Credit in High School	47.1%
KEES Awarded (USD)	\$1,210
College and/or Career Ready	69.6%
In-State College-Going	55.1%
College GPA in First Year	2.5
Credits Earned First Year of College	21.8

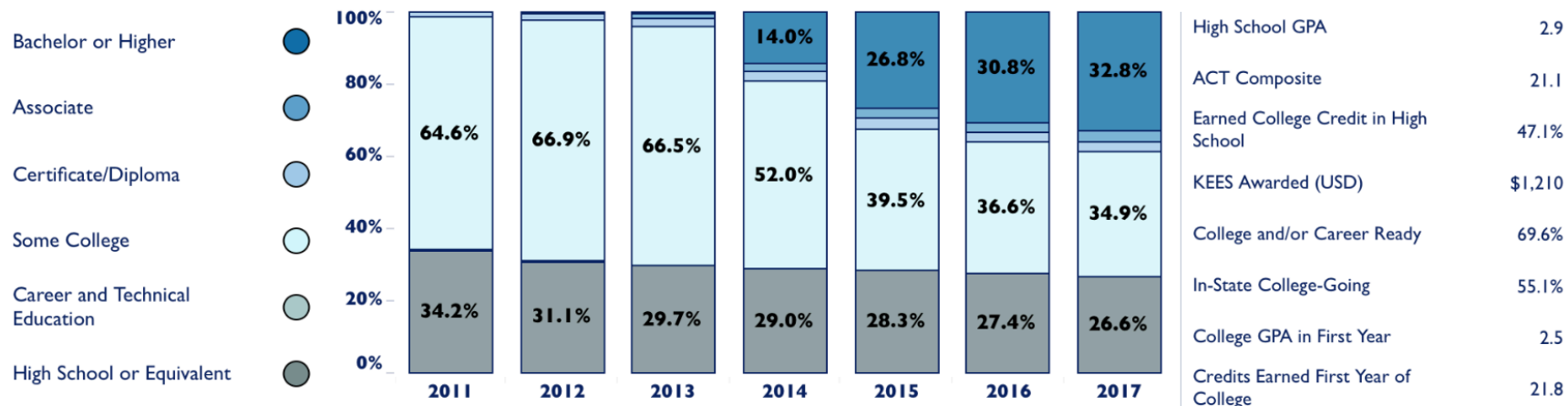


State Averages

High School GPA	2.9
ACT Composite	19.6
Earned College Credit in High Sc..	49.3%
KEES Awarded (USD)	\$1,142
College and/or Career Ready	68.9%
In-State College-Going	53.5%
College GPA in First Year	2.4
Credits Earned First Year of Colle..	19.1

District Overview

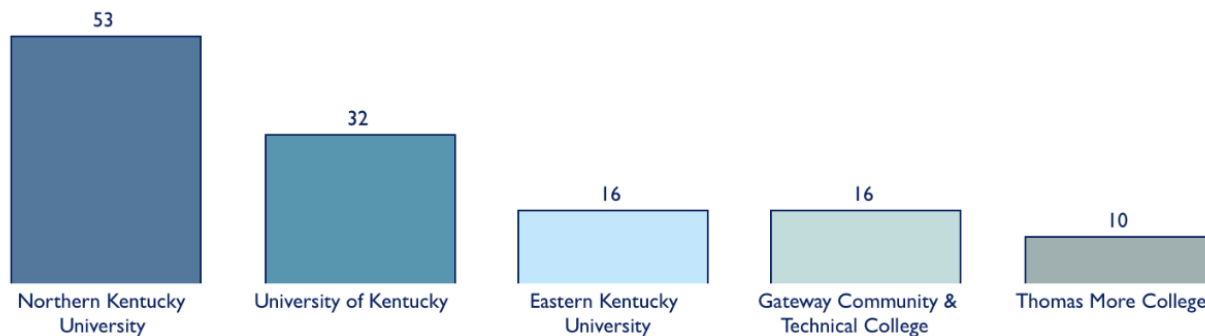
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High School Overview: Dixie Heights High School

This section provides the metrics described above and postsecondary enrollment at the high school level. **Only A1 high schools** are included. **Hover** over the info icon above for more information on A1 schools. The **map does not filter** this section.

Top-5 Institutions of Enrollment



High School GPA	2.9
ACT Composite	21.0
Earned College Credit in High School	41.2%
KEES Awarded (USD)	\$1,233
College and/or Career Ready	66.6%
In-State College-Going	50.6%
College GPA in First Year	2.5
Credits Earned First Year of College	21.5



High School Feedback Report

A. How did graduates from this school perform in their first year at in-state public colleges and universities?

In order to ensure the confidentiality of individuals, some data items have been redacted.

Redacted data are represented by an asterisk (*)

	School	District	Kentucky
1. Percent of 2013-14 graduates who started as full-time students	96.0%	93.8%	91.0%
2. Percent with first year of college cumulative GPA of			
a. Less than 2.0	28.1%	32.9%	34.2%
b. 2.0 to 2.99	25.7%	28.0%	26.5%
c. 3.0 or higher	46.2%	39.2%	39.3%
3. Percent of college attendees who were ready for college and/or career (based on KDE's college and career readiness definitions)	79.8%	72.4%	77.6%
4. Average credit hours in 2014-15 academic year			
a. Attempted	26.9	25.9	24.7
b. Completed	25.1	23.8	22.6
5. Number of college-level credit hours earned in 2014-15 academic year			
a. Fewer than 15 hours	26.1%	33.0%	36.4%
b. 15 hours to 29.9 hours	41.9%	43.0%	44.1%
c. 30 hours or more	22.0%	24.0%	19.6%

Comparing College Performance by College Readiness**

6. Average first year cumulative GPA			
a. Ready for college-level coursework	2.77	2.64	2.50
b. Not ready for college-level coursework	1.49	1.56	1.56
7. Average college-level credit hours earned			
a. Ready for college-level coursework	23.9	23.1	20.8
b. Not ready for college-level coursework	10.9	10.6	9.9
8. Percent who returned for second year of college			
a. Ready for college-level coursework	86.1%	85.7%	79.3%
b. Not ready for college-level coursework	58.8%	56.5%	55.2%

Quick Statistics

Percent with first year of college cumulative GPA of 2.0 or higher 71.9%

Percent who earned a full year of college-level credits during their first year (30 hours or more) 32.0%

Percent of college attendees in 2014-15 who returned in 2015-16 72.9%

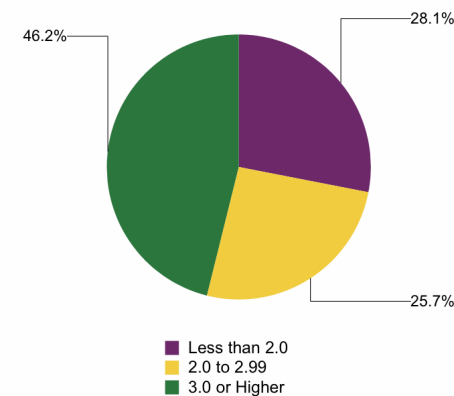
Average cumulative GPA for these college attendees

 a. High school 3.08

 b. First year of college 2.51

Average Kentucky Educational Excellence Scholarship (KEES) award amount \$1,464

First Year of College Cumulative GPA



High School Feedback Report

Comparing High School and College Grades

9. Average cumulative GPA

School	
a. High school	3.08
b. First year of college	2.51

10. Average cumulative grade in math

School	
a. Senior year of high school	2.45
b. First year of college	2.45

11. Average cumulative grade in English

School	
a. Senior year of high school	3.27
b. First year of college	2.79

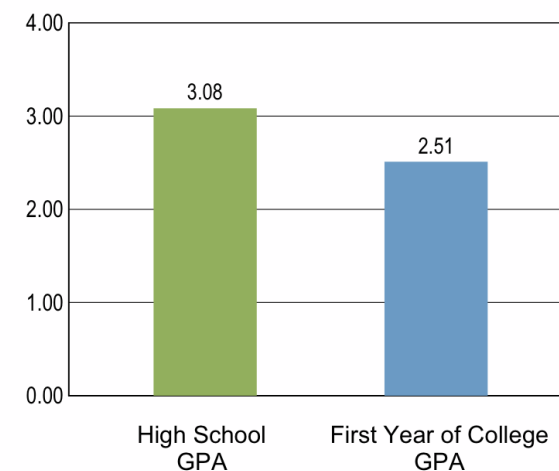
12. Average cumulative grade in science

School	
a. Senior year of high school	2.71
b. First year of college	2.60

District Kentucky

	District	Kentucky
a. High school	3.00	3.15
b. First year of college	2.34	2.29
a. Senior year of high school	2.75	2.89
b. First year of college	2.30	2.22
a. Senior year of high school	2.94	3.12
b. First year of college	2.67	2.61
a. Senior year of high school	2.86	3.03
b. First year of college	2.45	2.35

Average Cumulative GPAs for Graduates of this School



Do students from my high school do better/worse in different types of college classes?



Our data
are only the
beginning
of the
conversation.



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