

Futuriti

Where Kentuckians Find Their Futures



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Choose Your Career Path

Career exploration for K-12 students, adult learners & military veterans.



Continue Your Education

Find your major and choose a school, find financial aid options.



Start Your Career

Create your resume, land the interview and the job you've been working toward.



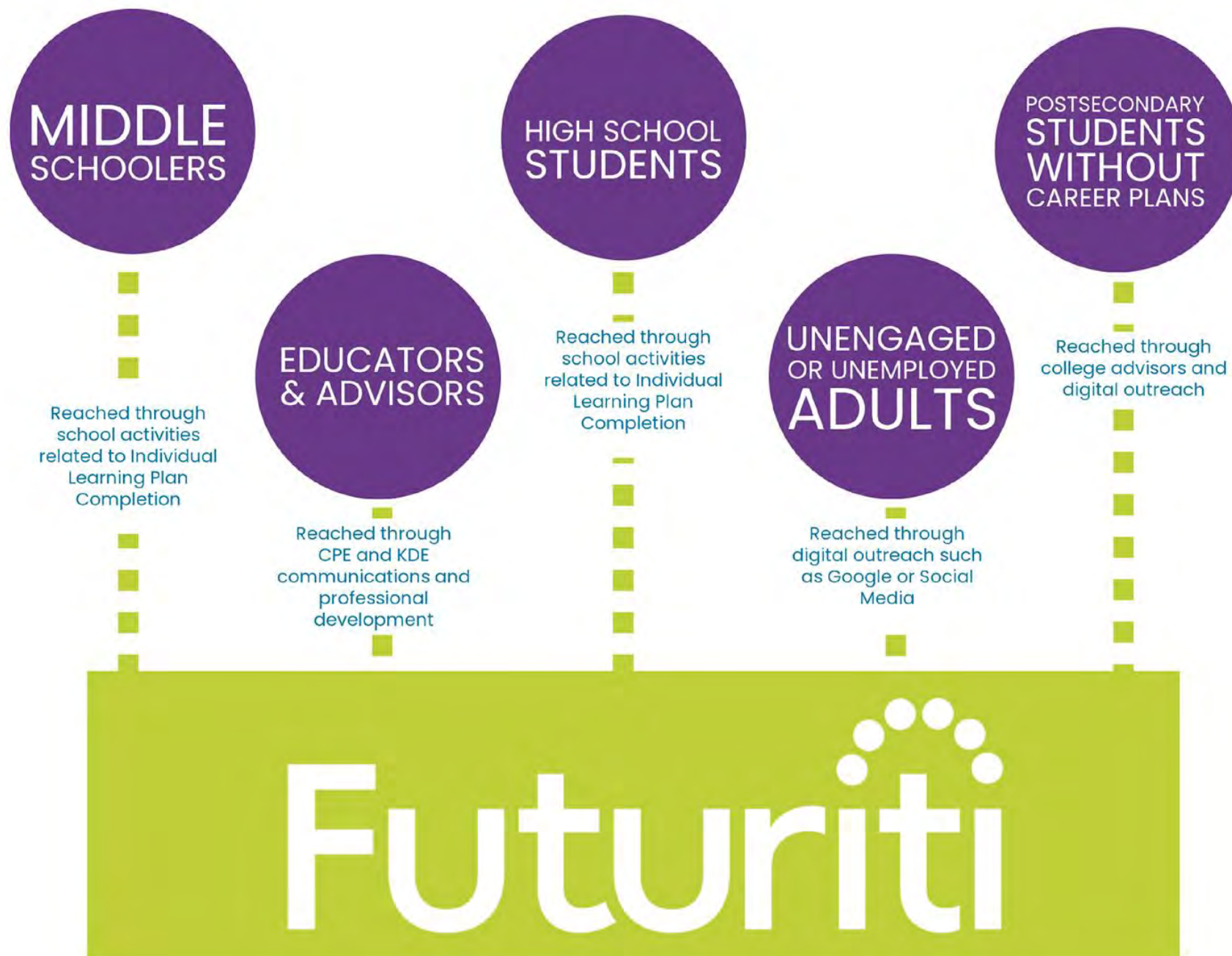
Objective

To create a platform that Kentuckians can use to visualize their paths from classroom to career.

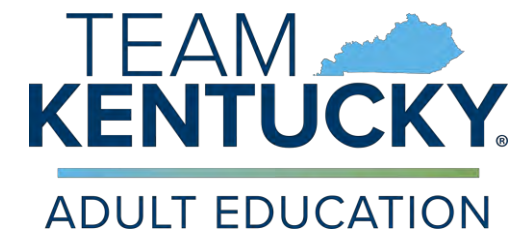
Goal

To increase Kentucky's educational attainment and labor force participation rates so they meet or exceed the national average.

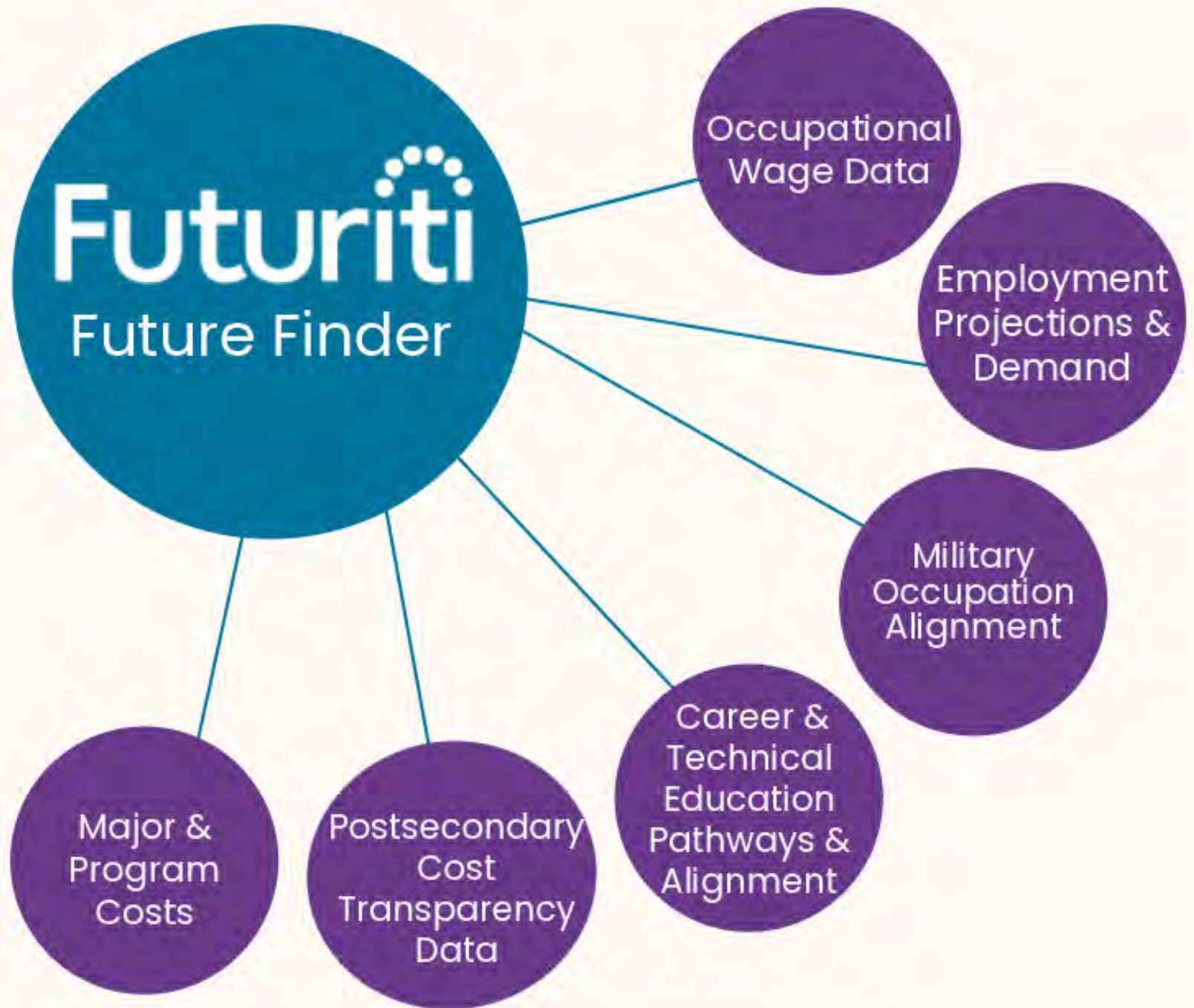
Audiences & Outreach



There are many unconnected online resources, but there has never been a mechanism to connect the dots for our citizens to help them on their paths to sustainable careers.



Future Finder Data from KYSTATS



Futuriti

How Kentuckians find their future.





Futuriti connects Kentuckians to the data and resources to help them make informed decisions about their futures.

Choose Your Career Path

- Career Quizzes & Aptitude Tests
- Future Finder Database
- High-Demand Careers Sectors

Continue Your Education

- College & University Listing
- Financial Aid Resources
- Plans for Education & Training

Start Your Career

- Links to Kentucky Career Center
- Regional In-Demand Jobs
- Resume & Interview Tips



Healthcare Practitioners and Technical Occupations

Nurse Practitioners

High Demand Master's degree \$77,530 - \$134,220

☐ Compare

Job Description

Diagnose and treat acute, episodic, or chronic illness, independently or as part of a healthcare team. May focus on health promotion and disease prevention. May order, perform, or interpret diagnostic tests such as lab work and x rays. May prescribe medication. Must be registered nurses who have specialized graduate education.

Salary Range









On-The-Job Training
X None

Projected Employment - Year 2032
6,871

Schools with Related Majors

Bellarmine University
Campbellsville University
Eastern Kentucky University
Kentucky Christian University
Kentucky State University
Midway University
Morehead State University
Murray State University
Northern Kentucky University
Spalding University
Union College
University of Kentucky
University of Louisville
University of Pikeville
University of the Cumberlands
Western Kentucky University

	Nurse Practitioners	Radiation Therapists	Nursing Assistants
 Salary Range	\$77,530 - \$134,220	\$48,410 - \$103,580	\$28,180 - \$44,190
 Education Level	Master's degree	Associate's degree	Postsecondary nondegree award
 Demand	High Demand	Low Demand	High Demand
 On-the-job Training	None	None	None
 Projected Employment	6,871	154	21,090
 Schools with Related Majors	Bellarmine University Campbellsville University Eastern Kentucky University Kentucky Christian University Kentucky State University Midway University Morehead State University Murray State University Northern Kentucky University Spalding University Union College University of Kentucky University of Louisville University of Pikeville University of the Cumberlands Western Kentucky University	Ashland Community and Technical College Bellarmine University Bluegrass Community and Technical College Elizabethtown Community and Technical College Hazard Community and Technical College Jefferson Community and Technical College Madisonville Community College Morehead State University Northern Kentucky University Owensboro Community and Technical College Somerset Community College Southcentral Kentucky Community and Technical College Southeast Kentucky Community & Technical College University of Kentucky West Kentucky Community and Technical College	Ashland Community and Technical College Campbellsville University Hazard Community and Technical College Hopkinsville Community College Jefferson Community and Technical College Maysville Community and Technical College Union College West Kentucky Community and Technical College



Occupational Therapist Assistant

Associate

Jefferson Community and Technical College

Median Loan Debt After Graduation
\$21,818

Median Wage 5 years after completion
\$48,964

Percentage of Graduates Employed in KY
79%

Median Time to Completion
Data Not Available

Careers

Majors

Colleges

School Career Pathways

Which major do you want to explore?

Pediatric Nurse/Nursing

Showing 2 of 2 results



Pediatric Nurse/Nursing

Master

University of Louisville

Median Loan Debt After Graduation
Data Not Available

Median Wage 5 years after completion
Data Not Available

Percentage of Graduates Employed in KY
Data Not Available

Median Time to Completion
Data Not Available

Careers

Majors

Colleges

School Career Pathways

Which major do you want to explore?

Medical Radiologic Technology/Science - Radiation Therapist

Showing 3 of 24 results

alphabetical



Medical Radiologic Technology/Science - Radiation Therapist

Bachelor

Bellarmine University

Median Loan Debt After Graduation
Data Not Available

Median Wage 5 years after completion
Data Not Available

Percentage of Graduates Employed in KY
Data Not Available

Median Time to Completion
Data Not Available



Medical Radiologic Technology/Science - Radiation Therapist

Associate

Morehead State University

Median Loan Debt After Graduation
\$23,769

Median Wage 5 years after completion
\$49,243

Percentage of Graduates Employed in KY
77%

Median Time to Completion
Data Not Available



Medical Radiologic Technology/Science - Radiation Therapist

Bachelor

Morehead State University

Median Loan Debt After Graduation
\$26,000

Median Wage 5 years after completion
\$69,808

Percentage of Graduates Employed in KY
74%

Median Time to Completion
Data Not Available

Selecting High-Demand Careers

Kentucky's high-demand career sectors offer many opportunities to build rewarding careers while supporting the state's growing economy. These sectors provide stability and growth and allow you to make meaningful contributions to your community.



High-Demand Sectors

The Kentucky Workforce Innovation Board has identified five business sectors as promising industries for Kentuckians. The sectors are: 1. Healthcare 2. Manufacturing and Logistics 3. Construction 4. Education 5. Professional, Scientific, and Technical Services

[Explore Jobs in Each Sector](#)



High-Demand Careers by Education Level

High demand careers are occupations in which there are expected to be the greatest numbers of job openings in the next ten years, due to economic growth, or exits from the labor force.

[Explore Careers](#)



High-Demand Careers by Region

Local conditions in your region can cause high-demand occupations to differ by region. Kentucky has 10 "local workforce areas," which include seven or more counties.

[Explore Kentucky Regions](#)



Top In-Demand Kentucky Careers by Education Level

A high-demand job has a greater number of available job openings compared to the number of qualified candidates. High-demand jobs often offer potentially higher salaries and more job security. These careers have the highest projected job openings in Kentucky through 2032. They are sorted by the level of education required for employment.

No High School Diploma



Cooks, Fast Food

1 Median KY Wages: \$22,270

2 Education Required: No formal educational credential

3 Projected Employment - Year 2032: 40,294

[Learn More →](#)

High School & GED Graduates



Home Health and Personal Care Aides

1 Median KY Wages: \$30,370

2 Education Required: High school diploma or equivalent

3 Projected Employment - Year 2032: 30,539

[Learn More →](#)

Some College, But No Degree



Tutors

1 Median KY Wages: \$33,100

2 Education Required: Some college, no degree

3 Projected Employment - Year 2032: 1,075

[Learn More →](#)

Professional Credential



Licensed Practical and Licensed Vocational Nurses

1 Median KY Wages: \$56,040

2 Education Required: Postsecondary nondegree award

3 Projected Employment - Year 2032: 11,443

[Learn More →](#)

Associate Degree



Civil Engineering Technologists and Technicians


1 Median KY Wages: \$45,190

2 Education Required: Associate's degree

3 Projected Employment - Year 2032: 2,735

[Learn More →](#)

Bachelor's Degree



General and Operations Managers


1 Median KY Wages: \$78,890

2 Education Required: Bachelor's degree

3 Projected Employment - Year 2032: 54,502

[Learn More →](#)

Master's Degree



Education Administrators, Kindergarten through Secondary

1 Median KY Wages: \$89,770

2 Education Required: Master's degree

3 Projected Employment - Year 2032: 4,365

[Learn More →](#)

Doctoral and Professional Degrees



Lawyers

1 Median KY Wages: \$84,800

2 Education Required: Doctoral or professional degree

3 Projected Employment - Year 2032: 7,933

[Learn More →](#)

Kentucky's In-Demand Career Sectors

Kentucky's in-demand career sectors offer many opportunities to build rewarding careers while supporting the state's growing economy. These sectors provide stability and growth and allow you to make meaningful contributions to your community.



Emerging High Demand Sectors



Healthcare

Healthcare practitioners and healthcare support workers play vital roles in maintaining and improving people's health. Practitioners, such as doctors and nurses, diagnose, treat, and manage illnesses, while support workers assist with daily care, administrative tasks, and patient comfort. Together, they ensure comprehensive care by addressing medical needs and patients' overall well-being.

[Explore Careers in Healthcare](#)



Manufacturing and Logistics

Workers in manufacturing build and assemble goods, from cars and electronics to clothing and food products, often using advanced machinery and technology. Logistics professionals prioritize and manage the supply chain, ensuring that materials and finished goods are transported efficiently from factories to warehouses, stores, or customers.

[Explore Careers in Manufacturing and Logistics](#)



Aerospace and Aviation

Kentucky's aerospace and aviation industry is growing. Recognizing the sector's potential, the Kentucky General Assembly has set out to strengthen the state's aviation workforce through strategic investments in education, training, and industry collaboration.

[Learn More](#)



Behavioral Health Careers

Behavioral health careers are vital to Kentucky's well-being, addressing critical workforce shortages and enhancing access to mental health services. From 2023 to 2028, there are expected to be 48,790 total projected job openings in selected occupations related to behavioral health.

[Learn More](#)



Construction

Construction careers contribute to all aspects of Kentucky life, from building homes and schools to developing roads and bridges. With opportunities ranging from entry-level positions to skilled trades and leadership roles, the industry offers a clear pathway for growth and specialization.

[Explore Careers in Construction](#)



Education

Education careers require patience, creativity, and strong communication skills to engage learners and guide them toward success. Beyond the classroom, education offers opportunities in curriculum development, educational technology, and administration, providing a wide range of paths for individuals passionate about learning and teaching.

[Explore Careers in Education](#)



Professional, Scientific, and Technical Services

Professionals in these fields of work may specialize in designing cutting-edge technology, conducting scientific research, managing financial strategies, or offering legal and business advice. These roles require advanced knowledge, analytical thinking, and a commitment to staying ahead of industry trends.

[Explore Careers in Professional, Scientific, and Technical Services](#)



Careers in Healthcare

Healthcare practitioners and healthcare support workers play vital roles in maintaining and improving the health of individuals and communities. Practitioners, such as doctors and nurses, diagnose, treat, and manage illnesses, while support workers assist with daily care, administrative tasks, and patient comfort. Together, they ensure comprehensive care by addressing both medical needs and the overall well-being of patients.



High Demand Healthcare Support Careers

Home Health and Personal Care Aides

Median KY Wages
\$30,370

Education Required
High school diploma or equivalent

Projected Employment - Year 2032
30,539

[Learn More →](#)

[Paying for Your Education & Training](#)

[Explore School Majors & Programs](#)

High Demand Healthcare Practitioner Careers

Registered Nurses

Median KY Wages
\$77,830

Education Required
Bachelor's degree

Projected Employment - Year 2032
50,400

[Learn More →](#)

Scholarship Opportunities



Work Ready Kentucky Scholarship

The Work Ready Kentucky Scholarship can help you pay for tuition to study healthcare careers at many Kentucky colleges and universities.

[Check Your Eligibility →](#)



Kentucky Educational Excellence Scholarship (KEES)

The KEES program provides scholarships to Kentucky students who earn at least a 2.5 GPA each year they attend a certified Kentucky high school. The better they do in high school, the more they earn toward college. High school graduates participating in an eligible program may choose to request reimbursement of approved expenses from their KEES earnings instead of having funds sent directly to an eligible Kentucky college or university.

[KEES Eligibility →](#)

Kentucky Aerospace & Aviation Careers

Kentucky's aerospace and aviation industry is growing. Recognizing the sector's potential, the Kentucky General Assembly has set out to strengthen the state's aviation workforce through strategic investments in education, training, and industry collaboration.

[Read More](#)



Pilots & Flight Attendants



Commercial Pilots

\$ Median KY Wages
\$102,480

Education Required
Postsecondary nondegree award

Projected Employment - Year 2032
478

[Learn More →](#)

Engineering Careers



Architectural and Engineering Managers

\$ Median KY Wages
\$129,690

Education Required
Bachelor's degree

Projected Employment - Year 2032
1,405

[Learn More →](#)

Technician Careers



Civil Engineering Technologists and Technicians

\$ Median KY Wages
\$45,190

Education Required
Associate's degree

Projected Employment - Year 2032
2,735

[Learn More →](#)

Service Attendants & Specialists



Airfield Operations Specialists

\$ Median KY Wages
\$130,160

Education Required
High school diploma or equivalent

Projected Employment - Year 2032
335

[Learn More →](#)

Kentucky Aerospace Employers

A.C.E. Compressor Parts & Services Inc.

Remanufactured air compressors, parts, and service.

Mayfield, KY



Aichi Forge USA Inc

Steel forgings and powder metal sinter forgings for application in automotive/aircraft engine and suspension components.

Georgetown, KY



Aerotech of Louisville Inc.

Aviation charging and starting system accessory overhaul and repair.

Louisville, KY



Airlines Reporting Corporation

Airline commission processing and industry-specific data.

Louisville, KY



High-Demand Jobs in Your Region

Local conditions in your region can cause high-demand occupations to differ by region. Kentucky has 10 "local workforce areas," which include seven or more counties. Below are the local workforce areas and the counties included in each. Click on the links to find out the in-demand careers in those regions.



Bluegrass

Anderson, Bourbon, Boyle, Clark, Estill, Fayette, Franklin, Garrard, Harrison, Jessamine, Lincoln, Madison, Mercer, Nicholas, Powell, Scott, Woodford.

[Top Jobs in the Bluegrass](#)



Cumberlands

Adair, Casey, Clinton, Cumberland, Green, Laurel, McCreary, Pulaski, Rockcastle, Russell, Taylor, Wayne, Whitley.

[Top Jobs in the Cumberlands](#)



EKCEP

Bell, Breathitt, Carter, Clay, Elliott, Floyd, Harlan, Jackson, Johnson, Knott, Knox, Lawrence, Lee, Leslie, Letcher, Magoffin, Martin, Menifee, Morgan, Owsley, Perry, Pike, Wolfe.

[Top Jobs in EKCEP](#)



Green River

Daviess, Hancock, Henderson, McLean, Ohio, Union, Webster.

[Top Jobs in Green River](#)



Kentuckiana Works

Bullitt, Henry, Jefferson, Oldham, Shelby, Spencer, Trimble.

[Top Jobs in Kentuckiana Works](#)



Lincoln Trail

Breckinridge, Grayson, Hardin, LaRue, Marion, Meade, Nelson, Washington.

[Top Jobs in Lincoln Trail](#)



Northern Kentucky

Boone, Campbell, Carroll, Gallatin, Grant, Kenton, Owen, Pendleton.

[Top Jobs in Northern Kentucky](#)



South Central

Allen, Barren, Butler, Edmonson, Hart, Logan, Metcalfe, Monroe, Simpson, Warren.

[Top Jobs in South Central](#)



TENCO

Bath, Boyd, Bracken, Fleming, Greenup, Lewis, Mason, Montgomery, Robertson, Rowan.

[Top Jobs in TENCO](#)



West Kentucky

Ballard, Caldwell, Calloway, Carlisle, Christian, Crittenden, Fulton, Graves, Hickman, Hopkins, Livingston, Lyon, Marshall, McCracken, Muhlenberg, Todd, Trigg.

[Top Jobs in West Kentucky](#)





Start Your Career

Understanding the Kentucky job market and what jobs are in high-demand can help you get a head-start on finding a great paying career.

High Demand Careers in Your Region



I'm a high school student.

I'm an adult.



Kentucky Career Center

If you need assistance with your job search, please visit any Kentucky Career Center during normal business hours.



Kentucky State Personnel

Explore the many diverse career opportunities in state government found across the Commonwealth of Kentucky. Join over 29,000 dedicated and talented people with a passion for serving.



Explore Apprenticeship Opportunities

There are many Registered Apprenticeship Programs in Kentucky that serve many industries and occupations.



Education Careers

The Kentucky Educator Placement Service (KEPS) Program is a free service dedicated to helping job applicants and school districts fill vacancies.



SNAP Employment and Training

SNAP E&T is an employment and training program offered by the Department for Community-Based Services (DCBS) and is available in all 120 counties. SNAP is the nutrition assistance program formerly known as food stamps. All SNAP recipients aged 16 to 59 are eligible to participate.

Exploring Kentucky's Workforce

Job searching can take time, so be patient and stay persistent in your efforts. Don't get discouraged by rejections or setbacks—use them as opportunities to learn and improve your approach.

[Search Open Jobs](#)

NOW HIRING



Workplace Training Opportunities

Through the federal Workforce Innovation and Opportunity Act (WIOA) there are many employment training opportunities for adults and dislocated workers.

[Kentucky Eligible Training Provider List](#)
→



Second Chance Kentucky

There are opportunities available for formerly incarcerated Kentuckians and those who are in recovery from substance abuse.

[Second Chance Kentucky](#)
→



Training for Individuals with Disabilities

The Office of Vocational Rehabilitation provides vocational rehabilitation services to eligible individuals with disabilities to assist with entry or re-entry into employment and productivity in the workplace and community.


[Office for Vocational Rehabilitation](#)
→



Manufacturing Education




The Kentucky Federation for Advanced Manufacturing Education (KY FAME) is a partnership of regional manufacturers whose purpose is to implement career pathway, apprenticeship-style educational programs that will create a pipeline of highly skilled workers.


[Kentucky FAME](#)
→




Installation, Maintenance, and Repair Occupations

Aircraft Mechanics and Service Technicians

 High Demand
  Postsecondary nondegree award
  \$49,800 - \$142,990
 Compare

 Military Aligned Career

- A-4 Systems Organizational Maintenance Technician
- Advanced Composite Structural Repair IMA Technician
- Aerial Target System Maintenance Technician
- Aerospace Maintenance Apprentice, B-1/B-2
- Aerospace Maintenance Apprentice, B-52
- [+305 more](#)

 Related CTE Program Area(s)


- Supply Chain & Transportation

[Find Open Jobs](#)


Job Description


Diagnose, adjust, repair, or overhaul aircraft engines and assemblies, such as hydraulic and pneumatic systems.

Salary Range



Early \$49,800
Typical \$70,720
Experienced \$142,990

On-The-Job Training

 On-The-Job Training

-  None

Projected Employment - Year 2032

 Projected Employment - Year 2032

- 5,124

Schools with Related Majors

- [Jefferson Community and Technical College](#)
- [Somerset Community College](#)

Related Scholarships


- Work Ready Kentucky Scholarship

Related Apprenticeships

- Independent Electrical Contractors Association
- Louisville Electric

Related Kentucky Businesses


- Mr. Electric of Central Kentucky
- Dixon Electric Inc
- Elliot Services
- Fayette Heating and Air



Tools / Cost of Living

Cost of Living

Calculate the costs of living.








Lexington, KY

Living Essentials

Below are the average costs for living essentials

Weekly
Monthly
Annually


 Medical/ Health Insurance	\$5,280
 Housing	\$9,156
 Utilities	\$5,170
 Transportation	\$8,977
 Food	\$8,600
TOTAL	\$76,000

WHAT'S NEXT?

Helping students find local employers

What are you looking for?

Home · Future Finder · Choose Your Career Path · Continue Your Education · Start Your Career · Resources



Airfield Operations Specialists

\$ Median KY Wages
\$130,160

Education Required
High school diploma or equivalent

Projected Employment - Year 2052
335

Learn More →

Kentucky Aerospace Employers

A.C.E. Compressor Parts & Services Inc

Remanufactured air compressors, parts, and service.
Mayfield, KY
→

Aichi Forge USA Inc

Steel forgings and powder metal sinter forgings for application in automotive/aircraft engine and suspension components.
Georgetown, KY
→

Alliant Technologies

Provides software and controls engineering and panel fabrication services.
Louisville, KY
→

Andrews Laser Works Corp PCC Aerostructures

Provider of laser processing, metal stamping, welding, fabrication, and machining services; and manufacturer of jet engine components.
Wilder, KY
→

Blackhawk Composites Inc

Advanced aerospace composite manufacturing.
Morgantown, KY
→

Ensign-Bickford Aerospace and Defense

Engineering and technology solutions for aerospace and defense solutions.
Graham, KY
→

J.A. King

ISO accredited calibration and instrument sales.
Louisville, KY
→

Aerotech of Louisville Inc.

Aviation charging and starting system accessory overhaul and repair.
Louisville, KY
→

Airlines Reporting Corporation

Airline commission processing and industry specific data.
Louisville, KY
→

American Metal Works LLC

Aerospace manufacturing; general machining, mill and lathe work.
Paintsville, KY
→

Belcan - Lexington Design Center

Engineering design center. Design, drafting, analysis & manufacturing engineering services to the rotorcraft and fixed wing aircraft industries.
Lexington, KY
→

Blum-Novotest Inc

North America headquarters; sales and service for manufacturer of measuring and testing devices; supplier for machine tool, automotive and aircraft industries. Distributor of measuring and testing technology, machine tool accessories distributor.
Erlanger, KY
→

IMR Test Labs Louisville

Materials testing services & consultation for aerospace and other industries.
Louisville, KY
→

Kentucky Air Center Inc.

Aviation component repair.
Shelbyville, KY
→



Futuriti

What do you need?

How can we improve Futuriti?

Futuriti

KENTUCKY'S SOLUTION FOR FINDING YOUR FUTURE

