



# Budget Review Subcommittee

Secretary Derrick K. Ramsey & Commissioner Lana Gordon  
Education and Workforce Development Cabinet  
July 9, 2019



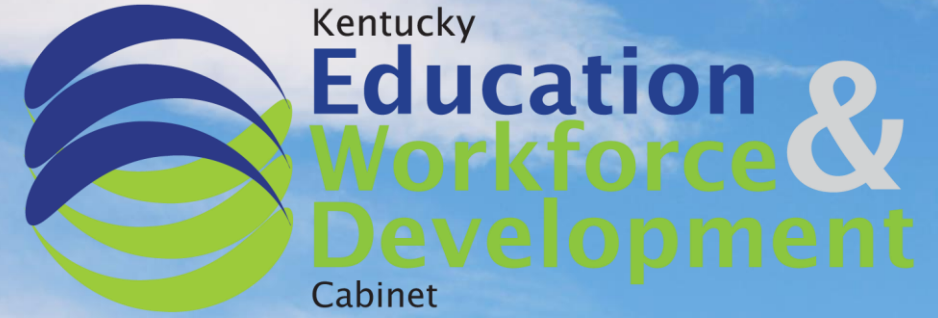
Kentucky  
**Education &  
Workforce &  
Development**  
Cabinet



# Mission & Goals

EWDC's primary mission is provide employers with a qualified, skilled workforce and Kentuckians with quality lifelong learning and employment opportunities:

- ✓ Actively engage employers to drive Kentucky's workforce development system
- Align and integrate P-12, adult education and postsecondary education to provide lifelong
- ✓ opportunities for Kentuckians that prepare them for the rapidly shifting realities of work in the future
- Increase Kentucky's workforce participation by creating
- ✓ opportunities, incenting workforce participation, and removing employment barriers for Kentuckians
- Focus resources on the most effective initiatives and improve the return on our workforce investment,
- ✓ utilizing data to constantly improve workforce development in Kentucky



# Importance of Lifelong Learning

## Impacts of Technology on Workforce by 2030 in the United States

- 25% of employees will need to switch occupations because of technology changes
- 13 million of new jobs will be in occupations that do not currently exist
- Sectors most likely impacted by technology: Healthcare, Manufacturing, Logistics
- 70% of current Kentucky workers are vulnerable to technology changes

Sources: McKinsey Global Institute, Southern Regional Educational Board






# High Demand Job Sectors



- Kentucky's fastest growing industries: Advanced Manufacturing; Business and IT; Construction Trades; Healthcare; Transportation and Logistics
- In the next five years, manufacturing employers in Kentucky anticipate more than 10,000 job openings for assemblers, welders, machinists, mechanics, engineers, and managers.
- Construction Projected Outcomes (2018-2022):
  - 14,552 projected job openings
  - Projected annual wage: \$43,397
- Transportation Projected Outcomes (2018-2022):
  - 39,278 projected job openings
  - Projected annual wage \$39,220


# In-Demand Video Series

- In partnership with Kentucky Educational Television (KET), the Cabinet has produced a collection of online videos highlighting Kentucky's high-demand career sectors.
- Provide information about education and experience needed for the career, salary ranges, work environment, and the projected number of job openings over a five-year period.
- Individuals can text **In Demand to 747000** to connect with a local career center representative to learn more about the career




## CAREERS IN DEMAND


Great jobs and careers await in Kentucky's high-demand industries. Learn more about these industries, including education and experience required, average pay, work environment, and projected number of job openings over a five-year period.




Advanced Manufacturing




Business & IT




Construction



Healthcare



Transportation & Logistics



Skills Builder



- Created in 2017 to meet increasing demand for skilled workers and eliminate financial barriers for students seeking careers in high demand job sectors:
- Scholarship helps Kentuckians earn an industry-recognized certificate, diploma, or degree
- Provides a pathway for accessing training and education through over 350 programs - tuition free.
- Available at 16 colleges and 70 career and technical campuses across the Commonwealth
- Students seeking to earn a GED can also utilize the scholarship to earn a college credential at the same time
- 4,283 students have received a total of \$6.8 million in scholarships, for an average of \$1,570 per scholarship



# Dual Credit Scholarship

- Allocated over \$15 million to 173 Kentucky school districts for high school students to earn dual credit, up to two courses.
- Allows students to receive both high school and postsecondary credit at the same time at no cost
- Courses may be delivered at a high school, a district technical center or area technology center, or postsecondary institution
- Eligible dual credit courses include general education classes, and career and technical education courses in state-approved career pathways that lead to an industry-recognized credential.
- 9,319 Kentucky high schools students were enrolled in 25,102 dual credit courses (2015-2016)



# Kentucky **Work Ready** **SKILLS INITIATIVE**

- 40 public-private projects awarded for a total investment of \$220,058,700
  - WRSI funds awarded = \$98,763,907
  - Total project match committed = \$121,294,793
- Tailored to meet industry needs in high demand sectors and represent a collaborative effort between private employers, education, and regional partners
- Projects include creating new and expanding existing career and technical education facilities and upgrading equipment in those schools
- Projected to increase training capacity by 20,837 student and adult learners
- 12 projects are at or near completion
- 23 of 25 projects with a construction component are in the construction phase



# Work Ready Projects by Region

## Work Ready Skills Initiative

Round 1 and Round 2 Awards

### Round 2 - Amount Awarded

- Less than \$500,000
- \$500,001 - \$2,000,000
- \$2,000,001 - \$5,000,000
- \$5,000,001 - \$10,000,000
- More than \$10,000,000

### Round 1 - Amount Awarded

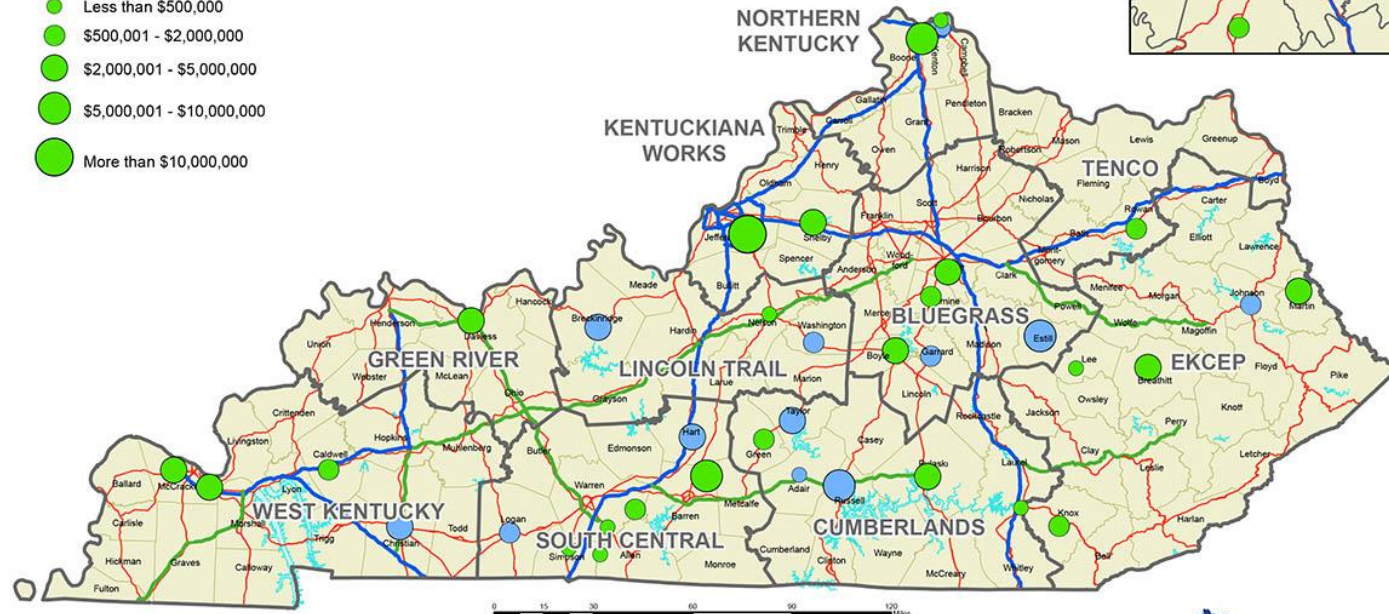
- Less than \$500,000
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### WIOA Boundaries

WIOA Boundaries

### Major Roads

- Interstate
- Parkway
- US Highway



\*Symbols on map may represent more than one location.

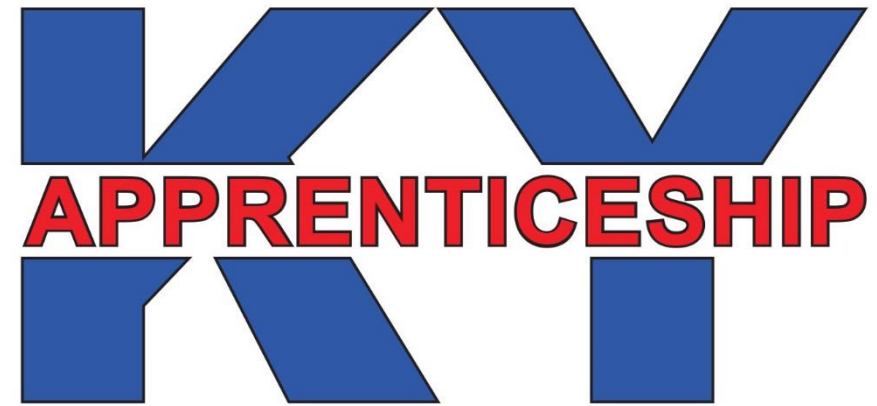
Updated May 18, 2017

KCEWS KENTUCKY CENTER FOR  
EDUCATION & WORKFORCE STATISTICS

- West Kentucky 4
- Green River 1
- South Central 7
- Lincoln Trail 3
- Kentuckiana Works 2
- Northern Kentucky 6
- Bluegrass 5
- Cumberlands 6
- TENCO 1
- EKCEP 5

# Scaling Up Apprenticeship to Meet Workforce Demand

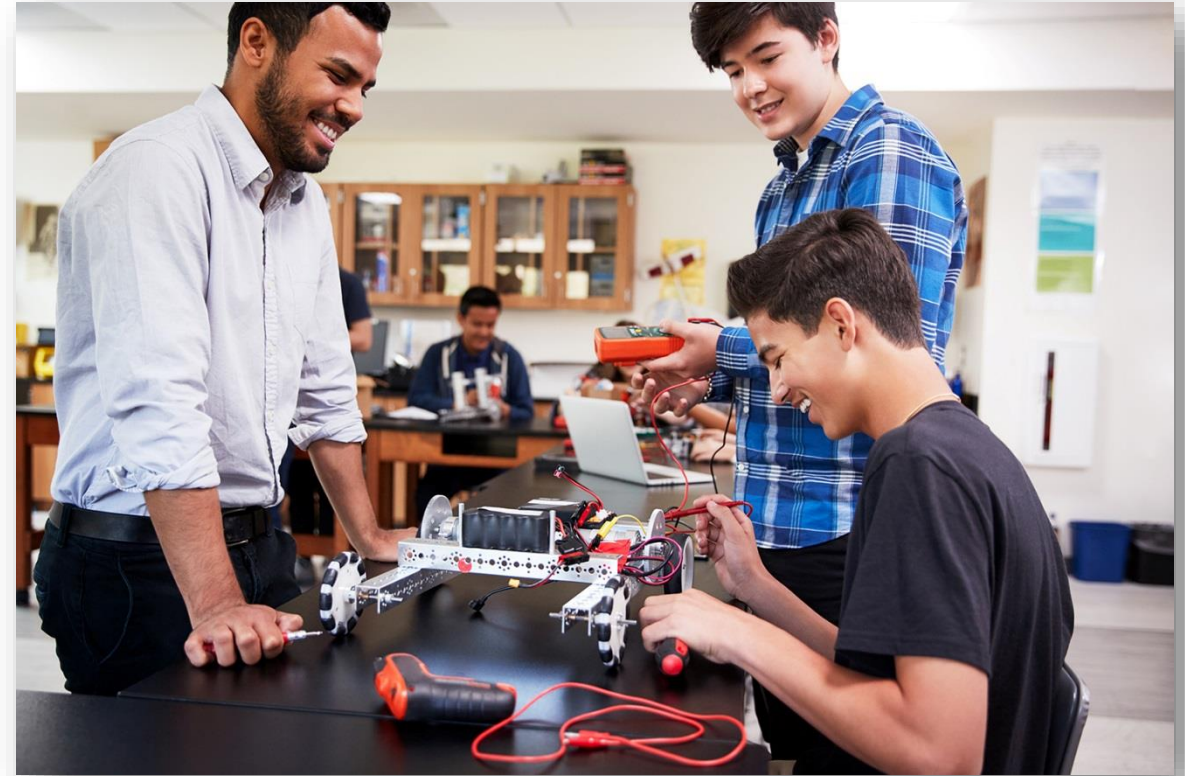
- Registered Apprenticeship provides employers with a highly skilled, highly qualified workforce that is essential for Kentucky's economic growth and ability to compete in a global economy
- Over \$1.5 million in federal funding allotted to expand Kentucky's apprenticeship initiatives
  - Registered Apprenticeship Programs: 251
  - Competency-Based Programs: 9
  - Registered Apprentices: 3,391
- New sectors utilizing Registered Apprenticeship model
  - Healthcare - Registered Nurse
  - Information Technology – Coding and Programming
  - Civil Service – CHFS, Transportation, COT, Justice, Barren County Government, Kentucky Department of Veterans Affairs



**Kentucky TRAINED. Kentucky BUILT.**

# K-TECH

- Equipping more students with recognized postsecondary credentials and STEM skills is essential for promoting economic growth in Kentucky
- Supports Kentucky's efforts to expand and improve the transition of high school CTE students to postsecondary education and employment
- Three-year \$627,000 grant to launch an apprenticeship program for high school students enrolled in Hazard Independent and Perry County schools
- Offers apprenticeships concentrated in STEM fields





# Kentucky Career Center

Connects Kentuckians to employment, workforce information, education and training

- 2,610 Job Placements
- 35,755 Credentials Earned
- 22.6% Employer Engagement Rate
- 4,647 Jobs Posted in Focus Talent
- 747 Employers received business services

Provides vocational rehabilitation programs for qualified individuals with disabilities and individuals with visual impairments.

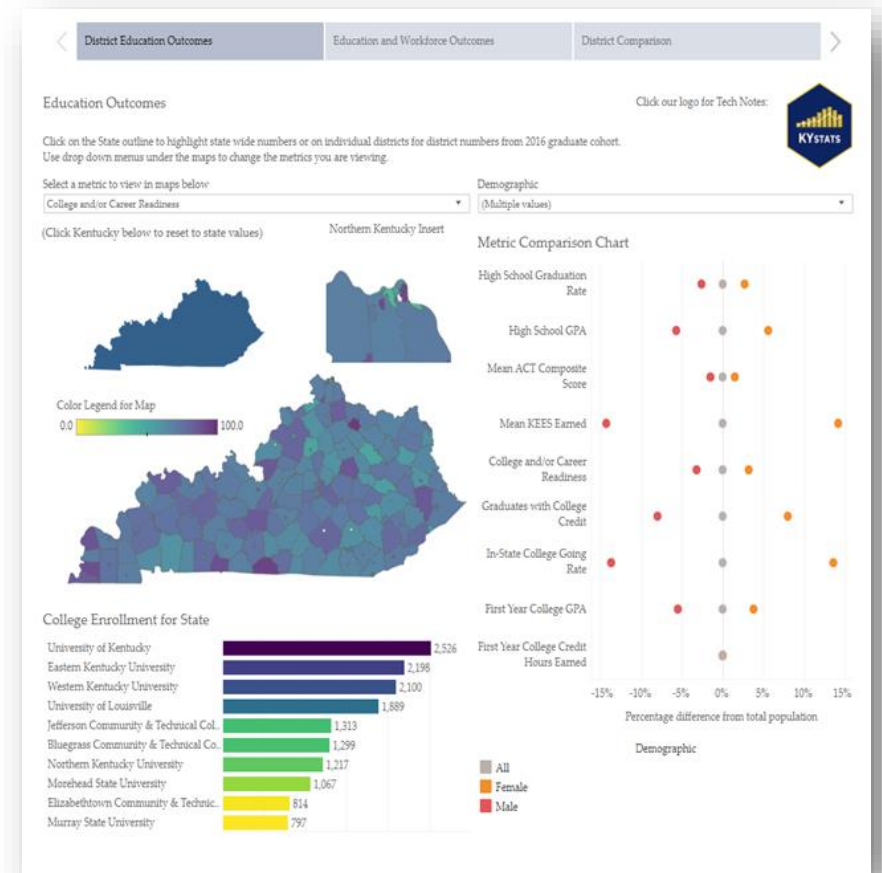
- Connected 3,211 individuals with disabilities with positive employment outcomes in 2018
- Operates 10 local offices for individuals with visual impairments, and 34 vocational rehabilitation offices across Kentucky

Priority service given to veterans across the state with specialized services for veterans with disabilities



# KENTUCKY CENTER FOR STATISTICS

- Recognized as a nationwide leader in developing quality data platforms that educate individuals, employers, and policymakers of existing and emerging workforce opportunities and challenges
- High quality data systems across education, workforce, and other systems are increasingly essential for preparing individuals for future workforce needs
- Key reports include: Kentucky Future Skills Report, High School Feedback Report, Postsecondary Feedback Report, and Work Ready Communities Report



# Sustainability of KySTATS Funding

- Grants make up 88% of KYSTATS funding
  - \$5.9 million of \$6.8 million is federal grant funding
- Funds will decrease by 45% in December 2019
  - Expiration of \$6 million grant
- Two grants set to expire in June and September 2020
- Two recurring grants will be available to support the Labor Market Information Office operations.

**Without additional funding, KySTATS will not be able to update existing reports, answer data requests or create new timely reports**







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