

The background is a composite image. The top left shows a line of yellow school buses, with the word 'SCHOOL BUS' and the number '32' visible on the front of one. The bottom left shows a classroom with blue walls, desks, chairs, and various educational materials. A white diagonal line separates the two images.

# Superintendents Webcast

Jan. 14, 2025



Kentucky Department of  
**EDUCATION**

# Agenda

## Welcome and Updates

*Dr. Robbie Fletcher, Commissioner of Education*

## Kentucky Department of Education Updates

*Jennifer Ginn, KDE Director of Communications*

## 2025 Legislative Session

*Bryan Perry, Ph.D, KDE Director of Government Relations*

## Automated External Defibrillator Funding

*Associate Commissioner Matt Ross, KDE Office of Finance and Operations*

## Communicating College and Career Opportunities to Kentucky Students

*Jessica Fletcher, Kentucky Center for Statistics*

## Human Trafficking Awareness

*Christina Weeter, KDE Office of Continuous Improvement and Support*

## Kentucky K-12 Digital Readiness Report

*Associate Commissioner David Couch and Robert Hackworth, KDE Office of Education Technology*

## Biggest Phish in the Tank: Keep Your Fingers Out and Your School Safe

*Robert Hackworth, KDE Office of Education Technology*

## Kentucky K-12 Connected User Experience System

*Associate Commissioner David Couch and Chuck Austin , KDE Office of Education Technology*

## Budget Discussion

*Dr. Robbie Fletcher, Commissioner of Education*

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# Welcome and Updates

Dr. Robbie Fletcher  
Commissioner of Education



# 2025 Town Hall Dates

**Jan. 15:** Central Kentucky Educational Cooperative (CKEC)

**Jan. 16:** Kentucky Valley Educational Cooperative (KVEC)

**Jan. 21:** Green River Regional Educational Cooperative (GRREC)

**Jan. 22:** Kentucky Educational Development Corporation (KEDC)

**Jan. 27:** Hybrid Spanish Town Hall

**Jan. 29:** Ohio Valley Educational Cooperative (OVEC)

**Jan. 30:** West Kentucky Educational Cooperative (WKEC)

# KDE SEEK Roadshow

- **Jan. 22:** Kentucky Valley Educational Cooperative (KVEC) – Hazard
- **Jan. 24:** Ohio Valley Educational Cooperative (OVEC) – Shelbyville
- **Feb. 5:** Green River Regional Educational Cooperative (GRREC) – Bowling Green
- **Feb. 13:** Central Kentucky Educational Cooperative (CKEC) – Lexington
- **Feb. 19:** Northern Kentucky Educational Cooperative (NKEC) – Cold Springs
- **Feb. 26:** West Kentucky Educational Cooperative (WKEC) – Murray

# Boone County's Jenna Stewart Receives \$25,000 Milken Family Foundation National Educator Award

- Jenna Stewart, a 5th-grade mathematics teacher at Longbranch Elementary School (Boone County), was celebrated on Dec. 11 as the latest Kentucky educator to receive the Milken Family Foundation National Educator Award.
- Stewart was presented with the award, which includes a \$25,000 unrestricted cash prize, in a surprise ceremony at her school that included students, faculty, and district and community leaders.
- The prestigious award, hailed as the “Oscars of Teaching,” was presented by Kentucky Commissioner of Education Robbie Fletcher, First Lady of Kentucky Britainy Beshear and Milken Educator Awards Senior Vice President Jane Foley.





# 2024 National Computer Science Report Highlights Kentucky's Achievements

- The [2024 State of Computer Science Education report](#) shows Kentucky continues to make progress in bringing computer science opportunities to students and ensuring all students have the chance to participate in these courses.
- Kentucky has enacted [seven of the 10 recommended policies outlined by the Code.org Advocacy Coalition](#). States that implement seven or more policies have seen a significant increase in the percentage of high schools offering computer science courses.
- The Code.org national report also found that in 2024, 76% of public high schools in Kentucky provided foundational computer science courses, with 76% of those high schools residing in rural communities, well above the national average for those school types. Additionally, 34% of students participating in these courses were female, again a gain from previous years and above the national average.
- [Read more about the report on Kentucky Teacher.](#)



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# KDE Updates

Jennifer Ginn

KDE Director of Communications





# Competitive Grants from KDE

## FY25 Kentucky AED Grant

- Grant applications due: Feb. 28, 4 p.m. ET
- Award Amount: \$2,000 per AED award.
- Matching Funds Requirement: No

The Kentucky Automated External Defibrillators (AED) Grant will assist districts with the purchase of new devices when none are presently available; replace AEDs that are more than 8 years old; and increase the inventory of such devices all to improve survival rates in the event of a cardiac event.

## FY25 Kentucky Numeracy Counts Grant

- Grant applications due: March 6, 4 p.m. ET
- Award Amount: \$70,000 per awarded district
- Matching Funds Requirement: No

The Kentucky Numeracy Counts Fund grant shall only be used to purchase approved high-quality research and evidence-based curriculum aligned to kindergarten through grade 3 academic standards in mathematics and expenditures for curriculum-based professional learning to implement a new curriculum.

More information about grants can be found on the [KDE Competitive Grants webpage](#) or by emailing [Jennifer Bryant](#).

# Nominations Open for 2025 Robinson Award for Diversity and Equity in Public Education

- The Kentucky Board of Education is accepting nominations for the 2025 Robinson Award for Diversity and Equity in Public Education.
- The criteria for the Robinson Award includes, but is not limited to:
  - Successful efforts in closing socioeconomic and/or racial achievement gaps; and
  - Significantly improving student learning, student achievement or other measured outcomes among students of color or economically disadvantaged students.
- Nominations will be accepted through Jan. 15. Nominations can be made through the [2025 Samuel Robinson Award for Diversity and Equity in Public Education Google form](#).



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# 2025 Legislative Session

Bryan Perry, Ph.D.

KDE Director of Government Relations



# 2025 Regular Session Schedule

- Part I convened on Tuesday, Jan. 7
- Part II convenes on Tuesday, Feb. 4
- The last day for introduction of new Senate bills is Tuesday, Feb. 18
- The last day for introduction of new House bills is Wednesday, Feb. 19
- The concurrence days are Thursday and Friday, March 13 and 14;
- The veto recess is March 15-26; and
- The 29th and 30th (sine die) legislative days are Thursday and Friday, March 27 and 28.

# How to Follow Along

- Session calendar and committee schedule:
- <https://legislature.ky.gov/Schedules-Calendars/Pages/default.aspx>
  - House Primary and Secondary Education will meet on Wednesdays at 8 a.m. ET.
  - House A&R will meet on Tuesdays at 10 a.m. ET.
  - Senate Education will meet on Thursdays at 10:30 a.m. ET.
  - Senate A&R will meet on Wednesdays at 10 a.m. ET.
- How to watch committee meetings
  - KET: <https://ket.org/legislature/>
  - [LRC YouTube site](#)
- How to follow bills
  - <https://apps.legislature.ky.gov/record/25rs/record.html>

# Committee Changes

- House split the Education Committee
  - Primary and Secondary Education committee
    - Rep. Scott Lewis will chair
      - Former superintendent of Hancock County and Ohio County
    - Rep. Mike Clines will vice-chair
      - 27 years with the Roman Catholic Diocese of Covington school system as a teacher, guidance counselor and principal
  - Postsecondary Education committee
    - Rep. James Tipton will chair
    - Rep. Shane Baker will vice-chair



# Education Committee Members

## SENATE

- Stephen West - Chair
- Lindsey Tichenor - Vice Chair
- Danny Carroll
- David P. Givens
- Jimmy Higdon
- Stephen Meredith
- Gerald A. Neal
- Steve Rawlings
- Aaron Reed
- Reginald Thomas
- Gex Williams
- Mike Wilson
- Max Wise

## HOUSE PRIMARY AND SECONDARY EDUCATION

- Scott Lewis - Chair
- Mike Clines - Vice Chair
- Tina Bojanowski
- Steve Bratcher
- Emily Callaway
- Josh Calloway
- Adrielle Camuel
- Steven Doan
- Ken Fleming
- Daniel Grossberg
- David Hale
- Kevin Jackson
- Marianne Proctor
- Felicia Rabourn
- Steve Riley
- James Tipton
- Timmy Truett
- Lisa Willner

# Likely Topics

- School improvement/innovation
- Teacher and principal mentoring
- Cell phones and related devices
- Certification
  - Praxis as a requirement
  - Easing the process for out of state certificate holders
- English-language students

# Questions

- Brian Perry, Ph.D., Director of Government Relations, Office of the Commissioner
- [brian.perry@education.ky.gov](mailto:brian.perry@education.ky.gov)

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# Automated External Defibrillator Funding

Associate Commissioner Matt Ross  
KDE Office of Finance and Operations

# AED Funds

- House Bill 1 (2024) provides \$2.5 million in 2024-2025 for the purchase of automated external defibrillators (AEDs) for public schools.

# AED Request for Applications (RFA)

<b>Date</b>	<b>Event</b>	<b>Location</b>	<b>Participation</b>
January 2, 2025	RFA released	Online	N/A
January 10, 2025, at 10 A.M.	Technical assistance webinar	Online (link on competitive grants page)	Attending the TA session is strongly recommended
January 17, 2024	Questions deadline	Email	N/A
On or around January 24, 2025	FAQ posted	Online	recommended
February 28, 2025	Application deadline	Send to KDE	<b>Required</b>
March 10-14, 2025	Application review and scoring	Online	N/A
On or around April 4, 2025	Awardees are posted to <a href="#">KDE Competitive Grant Awards</a> webpage.	Online	N/A
May 2025	MOA process (KDE & LEA)	N/A	Districts
June 2025	Funding available to LEA	N/A	Districts



# Communicating College and Career Opportunities to Kentucky Students

Jessica Fletcher, MPA



# The Task ...

In response to the 2021 recommendations by the Commonwealth Education Continuum, the team set out to ...

- Create a comprehensive communications strategy to better equip high school students with the necessary knowledge to successfully transition to postsecondary.
- Catalyze a statewide, cross-agency campaign to improve FAFSA completion rates and access to FAFSA data for schools and districts.
- Strengthen local and regional partnerships among high schools, institutions and the workforce to expand access, advising and support to early postsecondary opportunities.



# The Need ...

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 a sustainable career.





### 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 land the job you've been working toward.

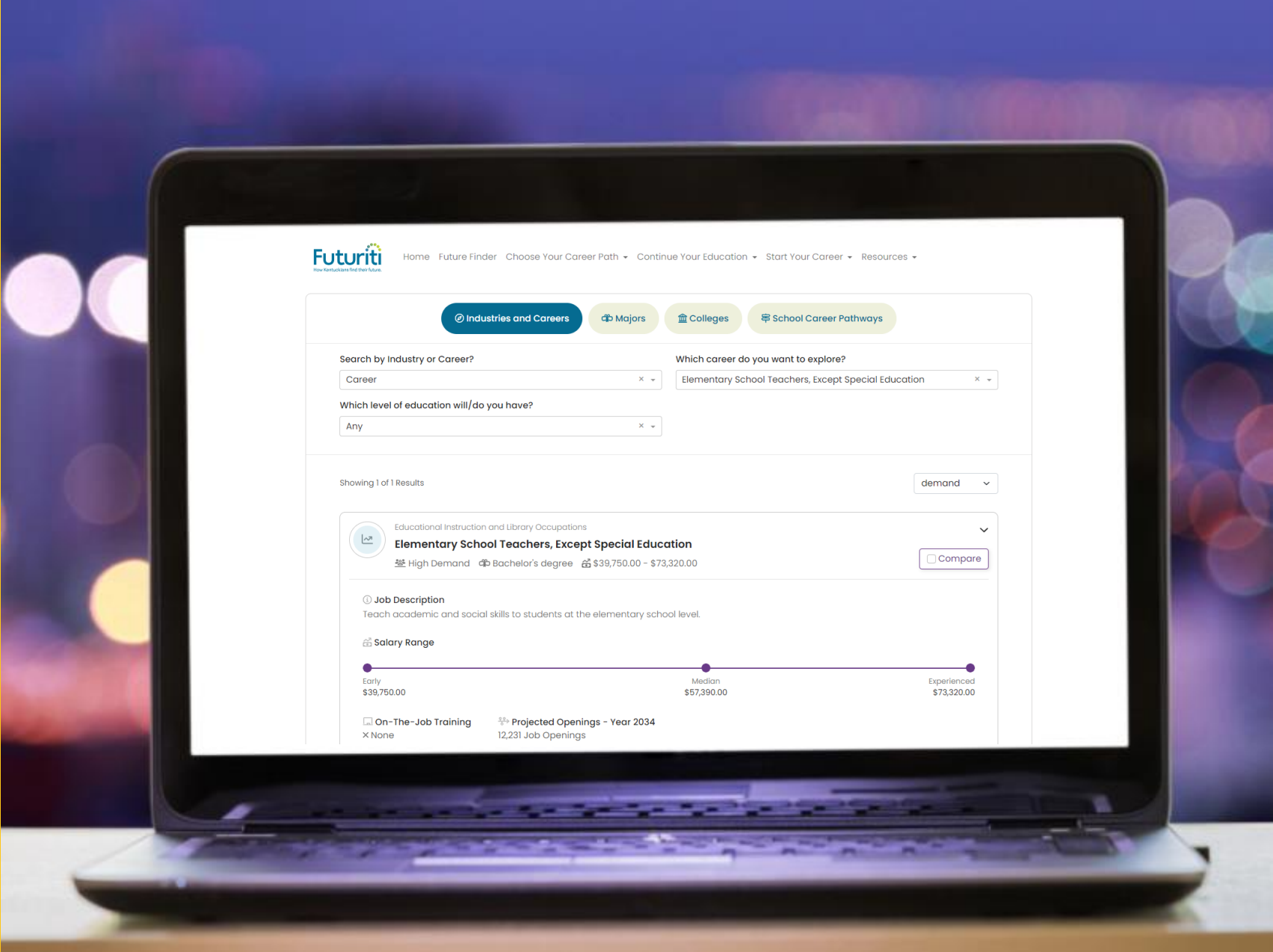
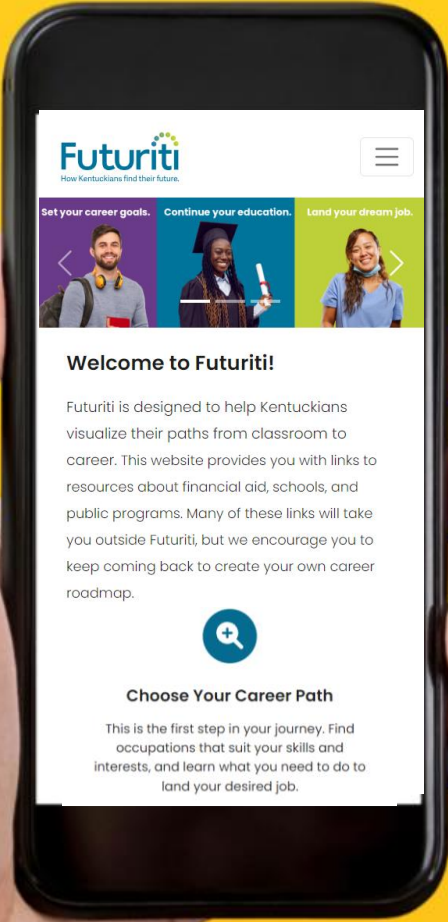
# Objective

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.





**Futuriti**  
How Kentuckians find their future.

Set your career goals. Continue your education. Land your dream job.



### Welcome to Futuriti!

Futuriti is designed to help Kentuckians visualize their paths from classroom to career. This website provides you with links to resources about financial aid, schools, and public programs. Many of these links will take you outside Futuriti, but we encourage you to keep coming back to create your own career roadmap.



### Choose Your Career Path

This is the first step in your journey. Find occupations that suit your skills and interests, and learn what you need to do to land your desired job.

**Futuriti**  
How Kentuckians find their future.

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

Industries and Careers Majors Colleges School Career Pathways

Search by Industry or Career? Career x

Which career do you want to explore? Elementary School Teachers, Except Special Education x

Which level of education will/do you have? Any x

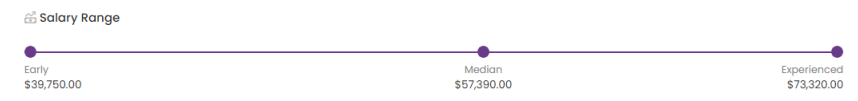
Showing 1 of 1 Results demand

Educational Instruction and Library Occupations

**Elementary School Teachers, Except Special Education** Compare

High Demand Bachelor's degree \$39,750.00 - \$73,320.00

**Job Description**  
Teach academic and social skills to students at the elementary school level.



**On-The-Job Training** X None

**Projected Openings - Year 2034**  
12,231 Job Openings

# Live Demo



[Futuriti.org](https://www.futuriti.org)





# How does it work?

Futuriti is divided into 3 sections. Each section explains the process of going from classroom to career.

- **Choose Your Career Path** – Helps Kentuckians choose paths that align with their knowledge, skills and abilities and meet their financial needs.
- **Continue Your Education** – Helps students plan for college and technical training and provides information on enrollment, financial aid and academic success.
- **Start Your Career** – Provides information about how to improve your chances of getting hired and links to the Kentucky Career Center's job bank, as well as links for veterans, disabled Kentuckians, parents with childcare needs and more.



# What does Futuriti offer?

- Links to career aptitude tests and cost of living calculators.
- High-demand career information.
- Information about grants, scholarships and other sources of college aid.
- Tutorials on admissions and enrollment.
- Links to job search resources, such as the Kentucky Career Center.
- Tips on resume creation, interviewing and more!
- Resources for counselors, parents and educators.



## Choose Your Career Path

This is the first step in your journey. Find careers that suit your skills and interests, and learn what credentials you need to qualify.

Use Future Finder



I'm a high school student.

I'm an adult.



### Find Your Career Matches

Today's economy offers many rewarding career choices to suit your needs and interests. Exploring life paths means asking yourself questions about your likes, skills, interests, and passions. Numerous online tools can help match you with careers that may suit you.

Take Career Quizzes →



### Investigate Top Careers 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.

Explore Local Conditions →



### Understand Wages

As you begin researching careers, in addition to considering if it meets your values and interests, you should also consider if it will provide you with enough income to pay your monthly bills.

Use Cost of Living Calculator →



### New To Kentucky?

There are many reasons to choose to live in Kentucky. Learn about our regions, workforce, and more.

Read Kentucky Facts →

## Explore Kentucky's High-Demand Careers



### Heavy and Tractor-Trailer Truck Drivers

Median KY Wage  
\$48,540.00

Education Required  
Postsecondary nondegree award

Projected Openings - Year 2032  
39,382 Job Openings

Learn More →

Industries and Careers

Majors

Colleges

School Career Pathways

Search by Industry or Career?

Industry

Which industry do you want to explore?

Any

Which level of education will/do you have?

Postsecondary nondegree award

Showing 5 of 41 Results

demand



Transportation and Material Moving Occupations

#### Heavy and Tractor-Trailer Truck Drivers

High Demand Postsecondary nondegree award \$34,860.00 - \$75,770.00

Compare



Healthcare Support Occupations

#### Nursing Assistants

High Demand Postsecondary nondegree award \$24,650.00 - \$37,360.00

Compare



Healthcare Support Occupations

#### Medical Assistants

High Demand Postsecondary nondegree award \$28,010.00 - \$43,350.00

Compare



Installation, Maintenance, and Repair Occupations

#### Automotive Service Technicians and Mechanics

High Demand Postsecondary nondegree award \$24,460.00 - \$60,640.00

Compare



Healthcare Practitioners and Technical Occupations

#### Licensed Practical and Licensed Vocational Nurses

High Demand Postsecondary nondegree award \$38,430.00 - \$59,090.00

Compare

show more

Search Kentucky Job Openings



Transportation and Material Moving Occupations

#### Heavy and Tractor-Trailer Truck Drivers

High Demand Postsecondary nondegree award \$34,860.00 - \$75,770.00

Compare

#### Job Description

Drive a tractor-trailer combination or a truck with a capacity of at least 26,001 pounds Gross Vehicle Weight (GVW). May be required to unload truck. Requires commercial drivers' license. Includes tow truck drivers.

#### Salary Range



#### On-The-Job Training

Short-term on-the-job training

#### Projected Openings - Year 2032

39,382 Job Openings

#### Schools with Related Majors

- Ashland Community & Technical College
- Gateway Community & Technical College
- Hazard Community & Technical College
- Hopkinsville Community College
- Jefferson Community & Technical College
- Kentucky Community & Technical College System
- Madisonville Community College
- Somerset Community College

## 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

Median KY Wage  
**\$21,870.00**

Education Required  
**No formal educational credential**

Projected Openings - Year 2032  
**59279 Job Openings**

### High School & GED Graduates



#### Home Health and Personal Care Aides

Median KY Wage  
**\$28,160.00**

Education Required  
**High school diploma or equivalent**

Projected Openings - Year 2032  
**49214 Job Openings**

### Some College, But No Degree



#### Tutors

Median KY Wage  
**\$29,900.00**

Education Required  
**Some college, no degree**

Projected Openings - Year 2032  
**1572 Job Openings**



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

Continue Your Education Education After High School

## Futuriti can help you plan for your future.

Each section will guide you through a different part of the process. Take your time and make sure you explore everything!

### Why Should You Get Education After HS?



#### Prepare

Start by getting ready for the journey ahead. This section will help you understand what steps you need to take to set yourself up for success. Learn why continuing your education is important and what steps you should be taking now as high school students to make the transition to college life easier.

Prepare Now!  
→



#### Explore

Discover your options! Use this link to explore different career paths, schools, and programs that align with your goals. College doesn't just mean four-year! Click here to discover the different types of colleges Kentucky has to offer, where they are located and what programs they have to offer!

Explore Now!  
→



#### Apply & Decide

Learn how to apply to schools or programs, and make informed decisions about where to go next. Not sure what to do now that you've decided where you want to go or what you want to do? Click here to learn about the college application process and how to know if you have been admitted.

Apply & Decide Now!  
→



#### Paying for Your Education

The thought of paying for your education can be scary! Understand how to fund your education by learning about scholarships, loans, and financial aid.

Learn How to Pay for Your Education!  
→



#### Attend

College life can be a whole new world to students! Get ready for the next step—attending school! This section will guide you through what you need to know once you've made your choice.

Get Ready to Attend Now!  
→

## Types of Kentucky Higher Education

### Public Universities

Kentucky has 8 public universities. These schools offer programs that lead to certificates, diplomas, associate, bachelor's, master's and doctoral degrees. Public universities receive state funding. They typically have larger campuses and student populations.



**Eastern Kentucky University**  
Certificates/Doctoral | Master | Bachelor | Associate | Certificate/Diploma

2022-23 Academic Year Cost After Grants & Scholarships  
**\$10,806.00**

% of Student with Federal Loans  
**Data Not Available**

Avg Loan Debt at Graduation  
**Data Not Available**

Learn More →

### Public Community & Technical Colleges

Kentucky has 16 public community and technical colleges on more than 70 campuses located throughout the state. These schools offer programs that lead to certificates, diplomas and associate degrees. Community and technical colleges are institutions that may be referred to as vocational or trade schools.



**Ashland Community & Technical College**  
Certificates/Associate | Certificate/Diploma

2022-23 Academic Year Cost After Grants & Scholarships  
**\$6,963.00**

% of Student with Federal Loans  
**Data Not Available**

Avg Loan Debt at Graduation  
**Data Not Available**

Learn More →

### Private Colleges and Universities

Private colleges are not funded by the state government; they rely on donations, endowments, and student tuition. They tend to have higher tuition fees than public universities; however, many offer financial aid or scholarships to minimize the cost of attendance. They are primarily four-year institutions which allow students to obtain a bachelor's degree, and some offer graduate or professional degrees.



**Alice Lloyd College**  
Certificate

2022-23 Academic Year Cost After Grants & Scholarships  
**Data Not Available**

% of Student with Federal Loans  
**Data Not Available**

Avg Loan Debt at Graduation  
**Data Not Available**

Learn More →

### Private Technical Colleges and Training Centers

A "private technical college" or "training center" refers to a privately owned educational institution focused on providing specialized, hands-on training in specific technical fields, like automotive repair, healthcare, IT, or construction, typically leading to certificates or associate degrees, designed to quickly prepare students for entry-level jobs within their chosen trade; these schools operate independently from the government or public institutions.



**American National University-Pikeville**  
Certificate

2022-23 Academic Year Cost After Grants & Scholarships  
**Data Not Available**

% of Student with Federal Loans  
**Data Not Available**

Avg Loan Debt at Graduation  
**Data Not Available**

Learn More →



# Kentucky's High-Demand Career Sectors

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.



## H Healthcare

Healthcare practitioners may diagnose, treat, and care for individuals to improve their health and quality of life. These professionals include doctors, nurses, physician assistants, dentists, physical therapists, and others working across various specialties. In 2024, credentials were required for 95.9 percent of healthcare practitioners and technical occupations. Careers in healthcare support provide essential assistance to ensure the smooth operation of healthcare facilities and the well-being of patients. These roles include nursing assistants, home health aides, medical assistants, and therapy aides. In 2024, prior work experience was required for 24.0 percent of healthcare support workers and on-the-job training was required for 85.6 percent.

[Explore Careers in Healthcare](#)

## Construction

Careers in construction involve creating, renovating, and maintaining buildings, infrastructure, and other structures. Workers in this field include carpenters, electricians, plumbers, masons, heavy equipment operators, and construction managers, among many others. In 2024, credentials were required for 57.0 percent of construction and extraction workers.

[Explore Careers in Construction](#)

## Professional, Scientific, and Technical Services

Careers in Professional, Scientific, and Technical Services require subject matter expertise and innovative problem-solving to support businesses, governments, and communities. Professionals in this field include engineers, IT specialists, architects, accountants, researchers, and consultants. In 2024, credentials were required for 75.0 percent of legal workers, 18.5 percent of computer and mathematical workers, and 57.7 percent of life, physical, and social science workers.

## Manufacturing and Logistics

Careers in manufacturing and logistics involve creating, moving, and delivering products that people use every day. Workers in the manufacturing sector may operate machines and other equipment to assemble goods or distribute energy. In 2024, 12.5 percent of production jobs required credentials. Workers in the logistics sector may specialize in moving people and goods. This group includes airline pilots, flight attendants, bus drivers, locomotive engineers, and ship engineers and loaders. In 2024, 51.7 percent of logistics jobs required credentials.

[Explore Careers in Manufacturing and Logistics](#)

## Education

Careers in education are dedicated to shaping minds and building Kentucky's future workforce and leaders. Educators include classroom teachers, school counselors, principals, librarians, and instructional coaches, all working to support learning and development at every stage—from early childhood through higher education. In 2024, credentials were required for 69 percent of workers; 56.4 percent of educational instruction and library jobs required a bachelor's degree.

[Explore Careers in Education](#)

## High Demand Education Careers



**Middle School Teachers, Except Special and Career/Technical Education**

Median KY Wage  
**\$57,340.00**

Education Required  
**Bachelor's degree**

Projected Openings - Year 2033  
**5620 Job Openings**

[Learn More](#)

## High Demand Education Support Careers



**Educational, Guidance, and Career Counselors and Advisors**

Median KY Wage  
**\$60,750.00**

Education Required  
**Master's degree**

Projected Openings - Year 2033  
**4025 Job Openings**

[Learn More](#)

[Paying for Your Education & Training](#)

[Explore School Majors & Programs](#)

## Scholarship Opportunities

### Teacher Scholarship

The Teacher Scholarship Program provides financial aid to Kentucky students pursuing teacher certification at participating Kentucky colleges.

[Check Eligibility](#)

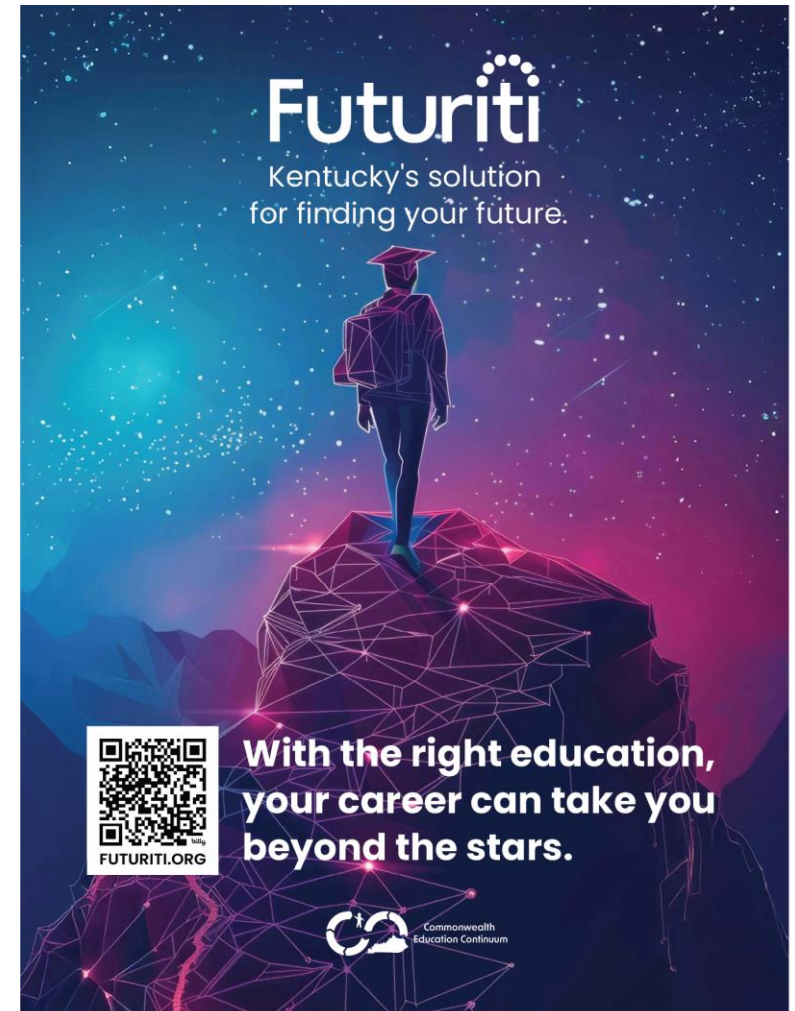
### Early Childhood Development Scholarship

The Early Childhood Development Scholarship helps Kentuckians who work in daycares and preschool settings earn credentials, certificates and degrees in the field of early childhood education.

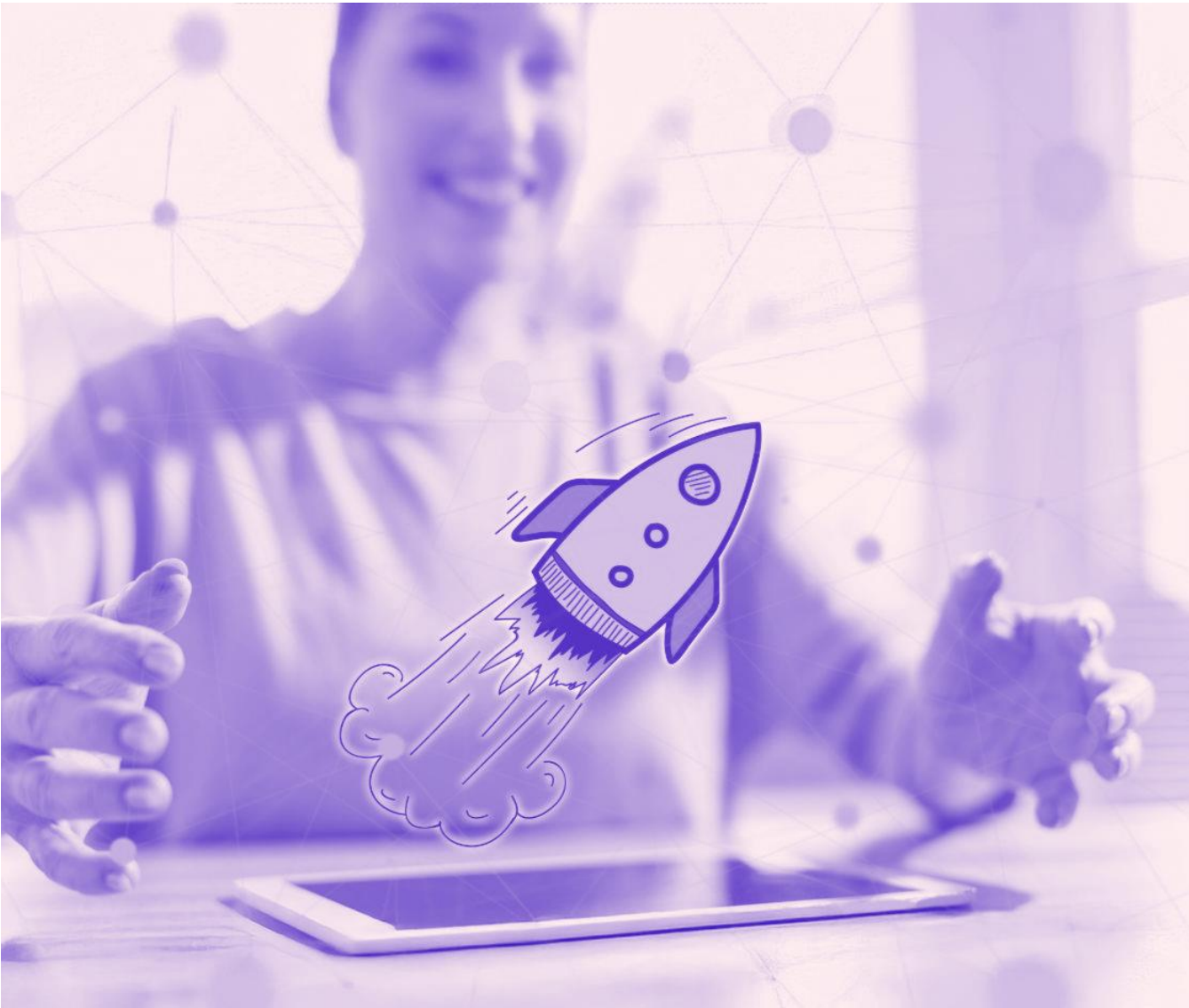
[Learn More](#)

# How can Futuriti be used by schools?

- Share with students in classrooms.
- Lesson plans will be available.
- Place posters and digital banners in buildings.
- Share promotions on social media and in emails.
- Host career fairs and invite us to participate.







# Futuriti

is launching soon!

.....

## DATE

February 4, 2025

## TIME

10 a.m. EST

## PLACE

Kentucky Capitol Rotunda,  
Frankfort

## You're Invited!

Please join us on Tuesday, February 4, at 10 a.m. ET in the Capitol Rotunda to celebrate the launch of an innovative and transformational new resource for career and education planning.

The background is a composite image. The top left shows a line of yellow school buses with "SCHOOL BUS" written on the front. The bottom left shows a classroom with blue walls, desks, chairs, and colorful balloons. A white diagonal line separates the two images.

# Human Trafficking Awareness

Christina Weeter

KDE Office of Continuous Improvement and Support

# Human Trafficking Awareness

- **Overview**

- Child Trafficking is a reality in all 50 states and Washington, D.C.
- Schools are a critical place where safe adults can notice warning signs.
- January is [National Human Trafficking Awareness Month](#)
- On [Shared Hope International's](#) Report Card on Child & Youth Sex Trafficking, Kentucky scored a D overall, in part due to a lack of prevention and training efforts, particularly in schools.

- **Poster Requirement for Schools**

- [KRS 156.095](#) requires public schools to display the [National Human Trafficking Reporting Hotline](#).
- KDE created a poster for schools to use that includes a student-friendly definition of trafficking. It also includes both the National Human Trafficking Hotline and the Kentucky Child abuse hotline.

# Human Trafficking Awareness: Resources

- Downloadable Poster
  - Spanish version forthcoming
- One-Page Protocol for Schools
  - Warning Signs & Responses
- [KDE Human Trafficking webpage](#)
  - Links to poster, protocol and other resources
- [Human Trafficking in America's Schools \(PDF\)](#)
  - What Schools Can Do To Prevent, Respond, and Help Students To Recover From Human Trafficking

YOU ARE  
NOT ALONE.  
HELP IS  
AVAILABLE.

IT'S NOT YOUR FAULT.

**No one should:**

- Offer you money, drugs, food, shelter or gifts for sexual acts or photos/images
- Force you to work against your will, or not pay you for work
- Threaten, hurt or bribe you
- Make you feel like you can't talk openly to people you trust
- Limit what you do or try to control your schedule or movements

**Call the Human Trafficking Hotline**

**(888) 373-7888** or  
**text BeFree (233733)**



**If you or a friend have experienced any of these, reach out:**

- Call the Kentucky Child Abuse & Neglect Hotline (877) 597-2331
- Talk to your school counselor or a trusted adult
- To remove or stop the online sharing of explicit images or videos of yourself visit Take It Down at <https://takeitdown.ncmec.org>





# Human Trafficking Awareness: Next Steps

- Ensure all schools display Human Trafficking Prevention Posters.
- Ensure that all adults in your buildings receive a copy of the one-page protocol for schools.
- Consider incorporating training into your schools' professional development plan.
- Explore options for prevention education for students.



Staff in school play a critical role in recognizing human trafficking victims. Schools typically provide a safe place where victims can interact with caring adults without their trafficker or abuser present. It is crucial for staff in schools to be aware that trafficking does exist in Kentucky, where youth are often forced or coerced into trafficking situations by people they know and trust, including family, friends, partners and employers. All adults in schools who have reasonable cause to believe that a youth is a victim of human trafficking or abuse are required to report their concerns ([KRS 620.030](#)). This resource is designed to help adults in schools recognize the warning signs of human trafficking and respond.

## WARNING SIGNS OF HUMAN TRAFFICKING VICTIMS

The U.S. Department of Education, Office of Safe and Healthy Students report, [Human Trafficking in America's Schools](#), identifies the following red flags for ALL school staff to be aware of:

- An inability to attend school on a regular basis and/or unexplained absences
- Frequently running away or changing schools
- References made to frequent travel to other cities
- Bruises or other signs of physical trauma, withdrawn behavior, depression, anxiety or fear
- Hunger, malnourishment or inappropriate dress (based on weather conditions or surroundings)
- Signs of drug addiction
- Coached or rehearsed responses to questions
- A sudden change in attire, behavior, relationships or material possessions (e.g., expensive items)
- Uncharacteristic promiscuity and/or references to sexual situations or terminology beyond age-specific norms
- A "boyfriend" or "girlfriend" who is noticeably older and/or controlling
- An attempt to conceal scars, tattoos or bruises
- A sudden change in attention to personal hygiene
- Tattoos (a form of branding) displaying the name or moniker of a trafficker
- Being unpaid, paid very little or paid only through tips for work
- Symptoms of anger, panic, phobia, irritability, hyperactivity, frequent crying, temper tantrums, regressive behavior and/or clinging behavior
- Symptoms of daydreaming, inability to bond with others, inattention, forgetfulness and/or shyness

## ACTION STEPS IF YOU SUSPECT HUMAN TRAFFICKING

- If the youth is in **immediate danger**, call **911** to access emergency services.
- Pursuant to [KRS 620.030](#), Kentucky is a **mandated reporter** state meaning that suspected trafficking of a minor must be immediately reported to the Cabinet. You may call the **Child Protection Hotline (1-877-KYSAFE1 or 1-877-597-2331)** or use the Kentucky Child/Adult Protective Services Reporting System website (<https://prd.webapps.chfs.ky.gov/reportabuse/>). When reporting, document the date, time, intake identification number and the name of the individual who took the report.
- Contact the 24-hour [National Human Trafficking Hotline](#) by phone (**1-888-373-7888**), text (**233733**) or [online report](#).
- Follow your district or school policy for notifying administrators or other school personnel about your suspicions.
- Ensure the student receives support services. Refer to the [Handle With Care](#) section of the Kentucky Department of Education's [Trauma-Informed Toolkit](#) for resources and practices.
- Don't attempt to conduct your own investigation as this can lead to a dangerous situation for both you and the victim.
- Remain calm and continue to support the suspected victim while refraining from questioning the child. Never confront the suspected trafficker. Confronting a trafficker may put you and the student's life in immediate danger.

 Kentucky Department of  
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The background of the slide is a composite image. The top left shows a line of yellow school buses with "SCHOOL BUS" written on the front. The bottom left shows a classroom with blue walls, desks, chairs, and colorful balloons. A large white diagonal shape cuts across the top right of the image.

# Kentucky K-12 Digital Readiness Report

Associate Commissioner David Couch and Robert  
Hackworth

KDE Office of Education Technology





# DIGITAL READINESS TRENDS 2024-2025







# Digital Readiness



- [HOME](#)
- [SNAPSHOT](#)
- [REPORTS](#)
- [TRENDS](#)

The Kentucky Technology Readiness Survey provides a snapshot of technology infrastructures throughout Kentucky schools and districts. Information represents data gathered from schools and districts throughout Kentucky as of June 30th each year.

<h3>Snapshot</h3> <p>Provides a snapshot of technology data gathered from districts throughout Kentucky as of each year</p> <a href="#">View</a>	<h3>Reports</h3> <p>Summarized highlights / key points of the technology data gathered from districts throughout Kentucky as of each year</p> <a href="#">Download</a>	<h3>Trends</h3> <span>NEW</span> <p>Analyze series of data reflecting the district, regional and state technology trends</p> <a href="#">Compare</a>
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Kentucky Department of  
**E D U C A T I O N**



# Kentucky's K-12 Digital Readiness



The teaching, learning, and administrative processes of Kentucky's 171 public school districts require a robust digital ecosystem now more than ever. To meet the teaching and learning demands of today and tomorrow, we believe this ecosystem should:

- Empower personalized learning experiences for students and staff
- Enable digital communications and collaboration models among all stakeholders
- Expand data enhanced decision making
- Ensure an experience that is protected through cutting edge privacy and security strategies



## Digital Equity for Teaching and Learning

A digitally equitable learning environment requires a commitment to provide anywhere, anytime, always-on opportunity and access for students and staff. Strategies such as high speed fiber connectivity to every district, dense Wi-Fi coverage throughout buildings, 1:1 device assignment for students, and Bring Your Own Device (BYOD) policies for students and staff are being adopted across Kentucky to address the equity needs both on and beyond the school campus.

**100%** of Kentucky K-12 public schools and district offices are connected by the most reliable, highest speed and quality fiber internet services in the country.

School fiber internet total usage increased **+37.5%** over the past 24 months\* while maintaining uptime of **99.96%**  
\*November 2021-November 2023

Greater than **732 kilobytes** per second bandwidth per student available through statewide fiber network service.

**.61 to 1**  
Student to digital device ratio  
*That's better than 1 device per student*

**954,945**  
Student Instructional Devices  
**1,103,364**  
Student and Staff Devices

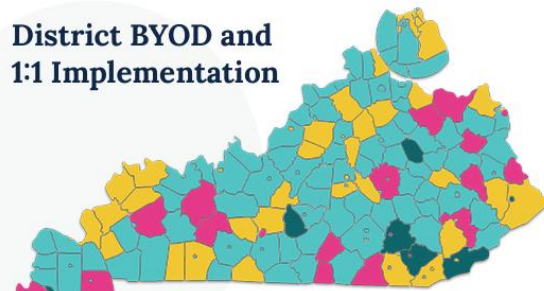
**98.5%** of students have internet access for school work beyond school campus

**95.5%** of students report internet access at home

**87%** of students feel as though their school encourages technology use for learning\*\*

**85%** of teachers rate the speed of Internet at their schools as Average or Above Average\*\*

## District BYOD and 1:1 Implementation



**100%** of schools provide Wi-Fi access to students. Of these, **99%** have implemented dense Wi-Fi networks capable of supporting BYOD or 1:1 initiatives

## Digitally Empowered Learners



Strong digital skills derived from the Kentucky Academic Standards for Technology, such as utilizing shared digital workspaces, have been correlated with increased collaboration in the classroom. Students can think about concepts and interactions in more varied ways with the affordances of multimedia and multimodal representations.

## Digital Communicator

**68%** of students are asked to write online regularly during the school year.\*\*

**69%** of students are asked to post and/ or share their work online.\*\*

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## Digital Designer

**88%** of students use technology to demonstrate knowledge by creating videos, slide presentations, art, music, podcasts, etc.\*\*

**22,345** unique students in grades 6-12 completing at least one computer science course offered by their school, ATC, or local CTE center.

**78%** of students are asked to use digital tools to conduct experiments and/ or take measurements.\*\*

## Digital Collaborator

Developing a level of comfort with digital collaboration outside of school helps students be more successful when collaborating with classmates, teachers, and other experts.

**85%** of students are asked to collaborate using online documents.\*\*

**68%** of students are asked to work with other classmates online.\*\*



**53%** of students in Kentucky utilize technology to engage with experts outside of the classroom

## Digital Citizen

Students recognize the rights, responsibilities and opportunities of living, learning and working in an interconnected digital world; act and model in ways that are safe, legal and ethical.

**87%** of students say their teachers talk with them about how to act respectfully while online.\*\*

**71%** of students say their classmates always or usually treat each other with respect when collaborating online.\*\*  
*Less than 5.2% say their classmates never treat each other with respect.*

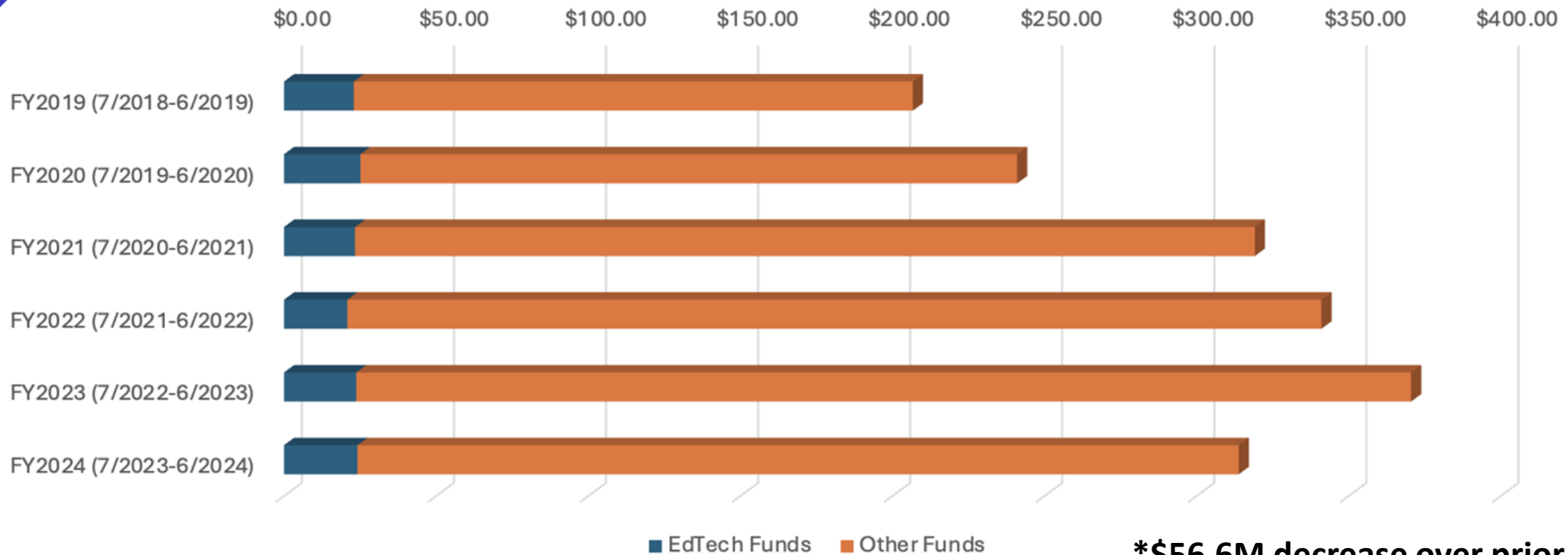
**90%** of students are easily able to find out if online content is trustworthy.\*\*

**96%** of districts report having a strategic plan for teaching digital citizenship skills.





### EdTech vs Other Funding Source Comparison (in Millions)



**\*\$56.6M decrease over prior school year**



## Devices: Staff & Students

2023-2024

Chrome - 881,232 (79.9%)


Windows - 141,770 (12.8%)

Mac - 16,487 (1.5%)

iOS - 60,610 (5.5%)

Android - 3,251 (.3%)

2024-2025

 Chrome - 909,197 (80.7%) 3.2% YOY growth

Windows - 136,562 (12.1%)

Mac - 17,502 (1.6%)

iOS - 60,537 (5.4%)

Android - 2,996 (.3%)

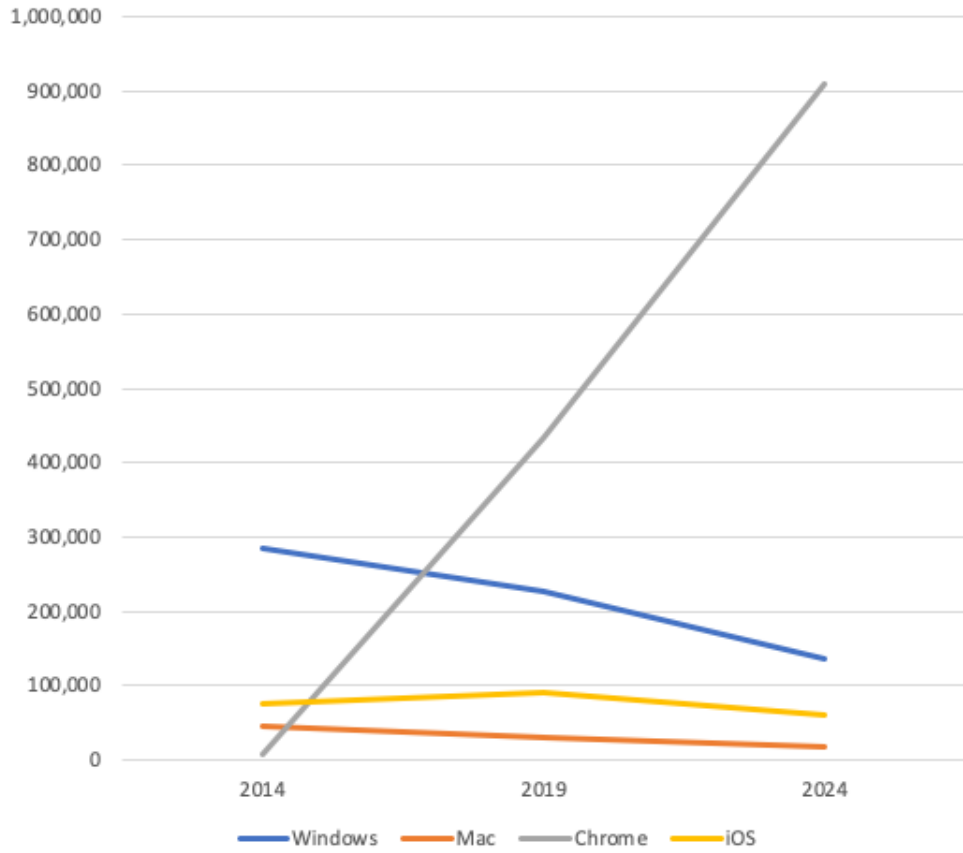
Total = **1,126,838** 2.1% YOY growth



# Devices: Staff & Students



OS Change Over Time



Here's a simplified breakdown of the percentage changes from 2014 to 2024:

- **Windows:** -39.6% (decrease)
- **Mac:** -42.6% (decrease)
- **Chrome:** 4869.1% (increase)
- **iOS:** -33.8% (decrease)

## Devices

Total Student Devices  
**976,132**

STAFF Devices  
**150,706**



Purchased  
**147,826**

Surplused  
**134,103**

Device +/-  
**13,723**



Assessment  
**931,429**  
82.7%

Basic EU Wrkst  
**85.1%**

Adv EU Wrkst  
**14.8%**





# Statewide Online Testing

2022-2023

2023-2024

2024-2025

829,364

908,797

931,429



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# Connectivity

## SCHOOL WAN CONNECTIONS

100 Mbps & Below

1

Between 100 Mbps & 1 Gbps

91

1 Gbps

282

Greater than 1 Gbps

930

@ KEN Hub Site

110



Schools w/ Wifi for  
1:1

99.86%



Kentucky Department of

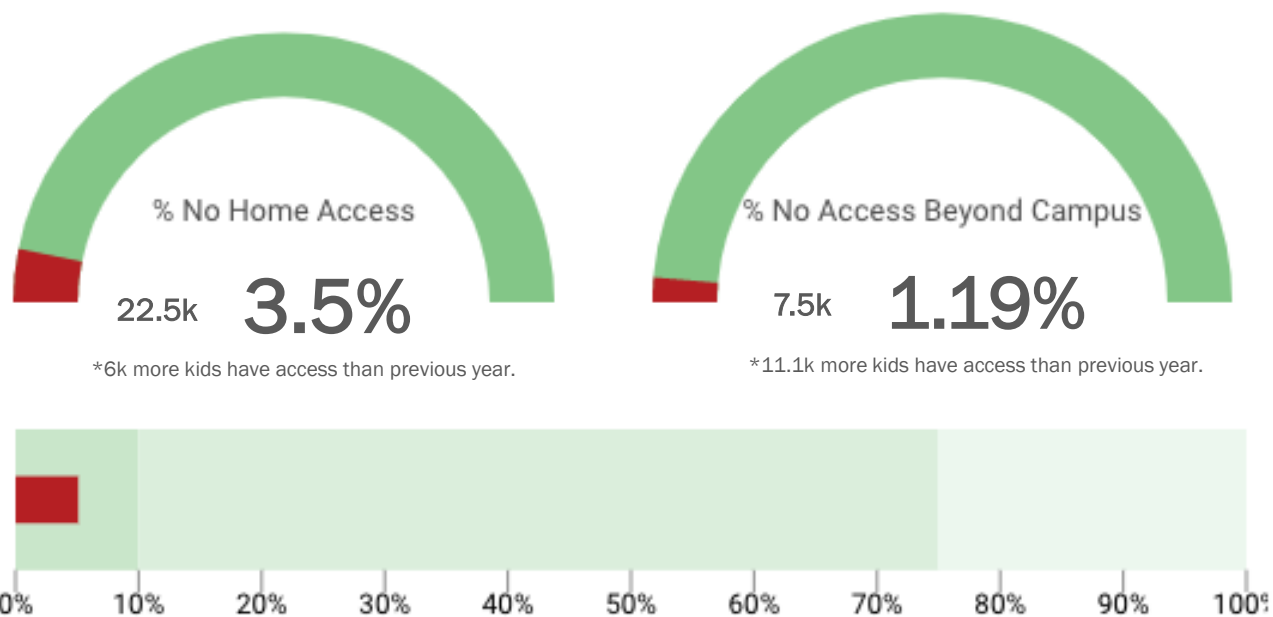
**EDUCATION**





# Student Internet Access

... at home and beyond campus





# The People Side...



# The People Side... (2)



22 people down from last year

Region

District

FT DLCs  
**127**

FT Techs  
**646**

Data Quality  
**104**

FT STCs  
**151**

Total FT People **1,202**

---

**CIO**

District	Days
Kentucky School for the Deaf	365
Daviess County	261
Jessamine County	261

Report directly to Superintendent?

Yes	No
142	32

Report directly to Superintendent?

- Certified position
- Classified position
- Mixture of the two

CIO: Focuses on Day-to-Day Operations 29

CIO: Focuses on critical services 44

CIO: Focuses on District level decision making & understanding value of EdTech 99

---

**Digital Teaching & Learning Support**

Full-Time DLCs: 127 in 65 districts

Part-Time DLCs: 243 in 56 districts

Stipend DLCs: 283 in 57 districts

**School Media Librarians**

1,016.3  
902 are full-time in 1 school

Districts with NO SML: 0

No data

---

**Technical Support**

Technicians

Full-time Techs: 646

Part-time Techs: 111

FT-Outsourced Techs: 11

PT-Outsourced Techs: 6

**Technicians: Number of Districts withOUT full time Tech positions 21**

Southgate Independent	1
Science Hill Independent	1
Robertson County	1

---

**Data Quality & Data Stewardship**

Identified Data Stewards? 90

(Q46) Does the school district have someone in charge of Data Quality?

Yes, the Ed Tech Leader/CIO	Yes, a position other than the Ed Tech Leader/CIO	No
43	61	70

**School Technology Coordinators**

Full-Time STCs: 151

Part-Time STCs: 674

Districts Paying A Stipend: 57

Avg. Stipend Paid: \$1,411

Student Help Desk: 109

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STLP Coaches: 822

District STLP Coaches: 68

Districts Paying A Stipend: 105

Avg. Stipend Paid: \$937

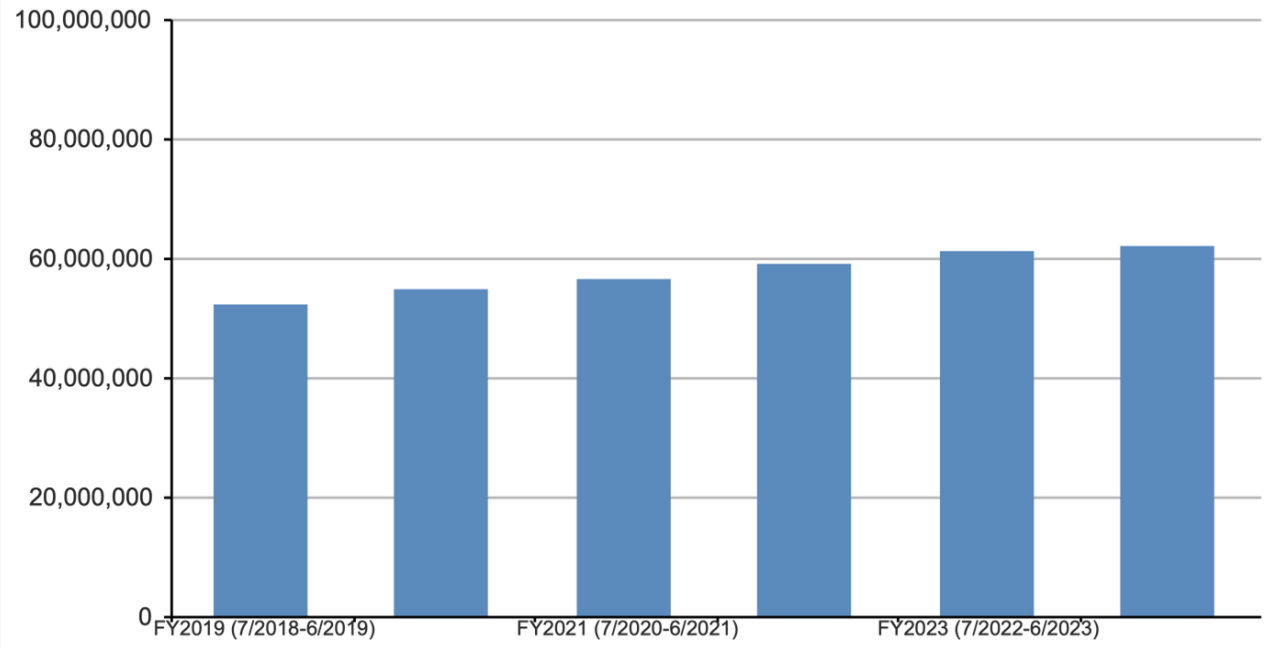
District	STLP Coaches	District STLP Coach
Jefferson County	104	Yes
Fayette County	69	Yes
Daviess County	32	Yes

DIGITAL READINESS TRENDS 2024-2025

# The People Side... (3)

## People Side Spending

Amount spent as a percentage of the whole increased from 17% to 20%



Slightly Up





# Student Digital Experiences



Region ▼ District ▼



Which of the following live/synchronous meeting tools are utilized by staff in the district to meet with peers or other stakeholders and engage with students for online/virtual, and remote instruction (e.g., students in online courses, NTI)?

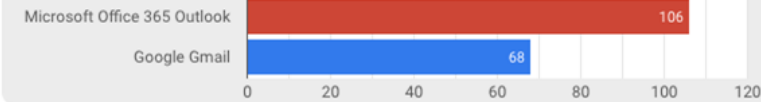
Select a Synchronous Meeting Tool...

District	Synchronous Tools
Adair County	Google Meet, Microsoft Teams
Allen County	Google Meet, Microsoft Teams, Zoom
Anchorage Independent	Google Meet, Microsoft Teams

Switch between Workspace & O365 with these arrows. ↑ ↓ ⋮

Google Workspace	How many districts
Google Workspace for Education Fundamentals (Free)	81
Google Workspace for Education Plus	56
Google Workspace for Education Fundamentals (Free), Google Workspace for Education Plus	8
Google Workspace for Education (Standard)	8

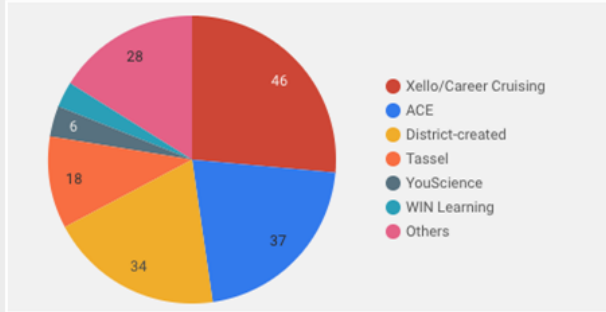
### Select Your Email Provider



Does your district offer an accessible electronic Individual Learning Plan (ILP) for each student grades 6-12?

YES  
174

NO  
0



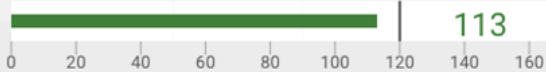
Click a slice of the pie chart and the table below will show you the districts.

District	ILP	System/Platform
Adair County	Yes	District-created
Allen County	Yes	District-created, SchoolLinks
Anchorage Independent	Yes	District-created



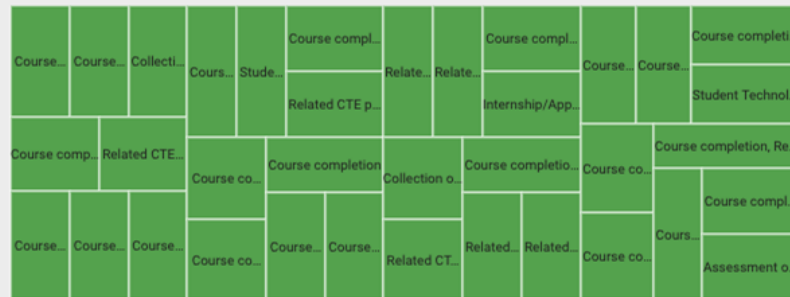
Does the district have procedures for developing a successful demonstration of performance-based technology competencies as part of minimum graduation requirements?

Student Performance-based Competency in Technology



District	Yes/No/In Progress
1. Adair County	Yes
2. Allen County	Yes
3. Anchorage Independent	No
4. Anderson County	In Progress

What best describes the successful demonstration of performance-based technology competencies for students in your district? (Hover to Explore - the larger the box, the more schools - blank boxes represent "blank" answers)



# Student Digital Experiences (2)



Region  District

STLP Schools 784 (55.2%) Districts 133

After School & Integrated 91  
After School 30  
Integrated 12

1,420

Is there a purposeful implementation of student learning of the 9 elements of Digital Citizenship?

INTERNET DDL YES 170 NO 4

The No's ...

How many of your K-8 schools provide computer science learning opportunities for students (anything beyond Hour of Code)?

111 Districts representing 514 Schools

Do you have a district wide or school-wide approach to a Learning Management System (LMS)?

168 Yes 6 No

Google Classroom	162	Edgenuity	34
Campus Learning	10	Schoology	8
Canvas	10		

Select an LMS...

Adair County	Google Classroom
Allen County	Edgenuity, Google Classroom
Anchorage Independent	Google Classroom
Anderson County	Google Classroom
Ashland Independent	Google Classroom

Offer O/V Courses YES 152 NO 22

Full-Time Option: 115 in 23-24, 114, 38

Non-Resident Enrollment: 52 in 23-24, 57, 95

What Content providers are being used?

Adair County	Edmentum
Allen County	Accellus
Anchorage Independent	-
Anderson County	Edmentum
Ashland Independent	Edgenuity, University facilitated Dual Credit
Augusta Independent	Edmentum
Ballard County	University facilitated Dual Credit







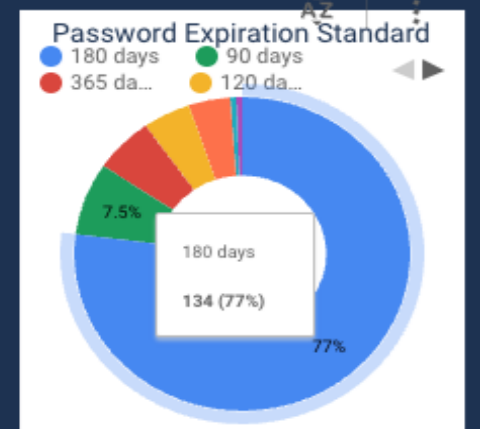
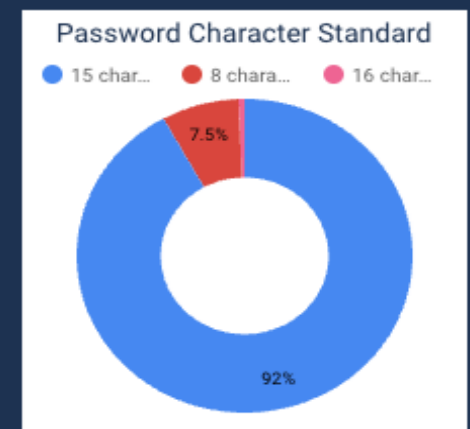
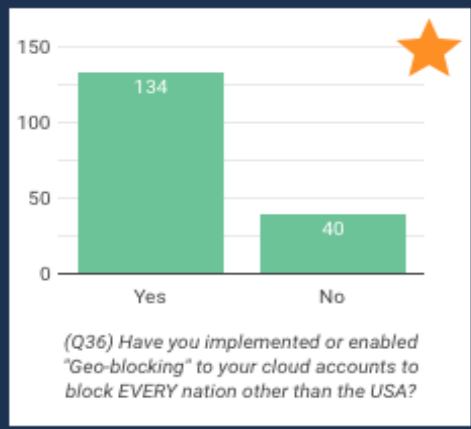
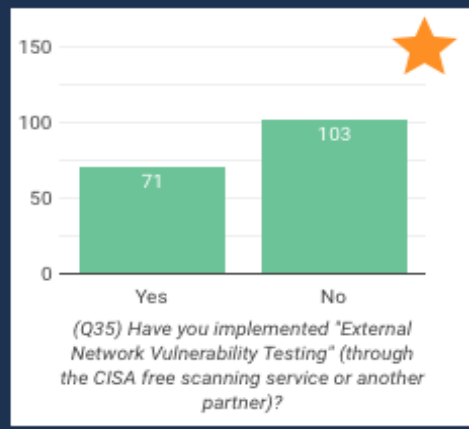
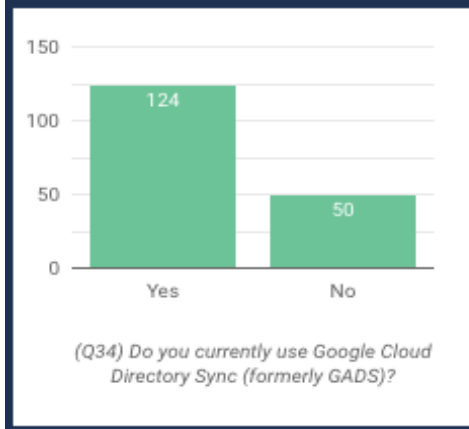
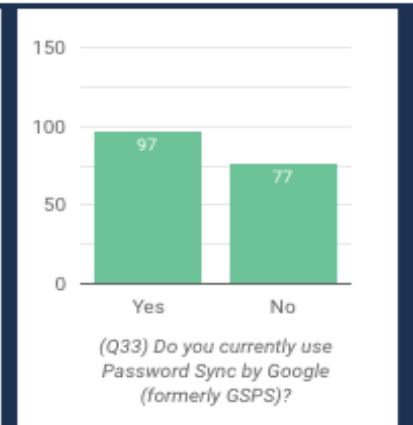
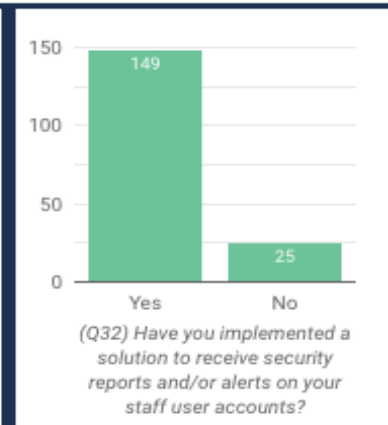
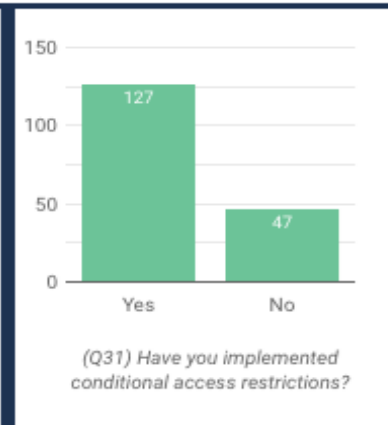
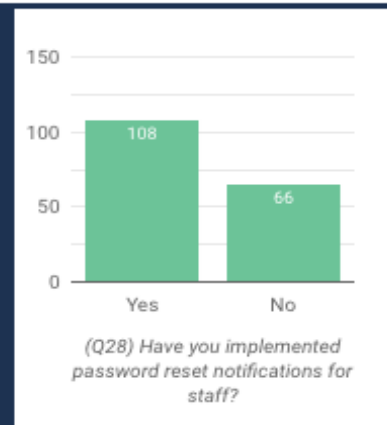
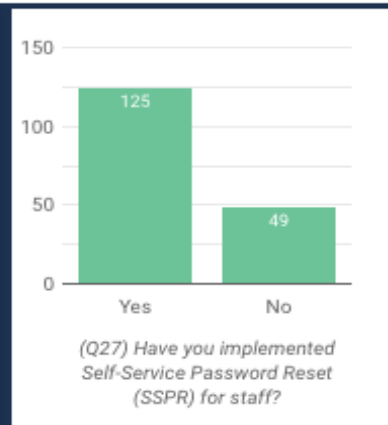
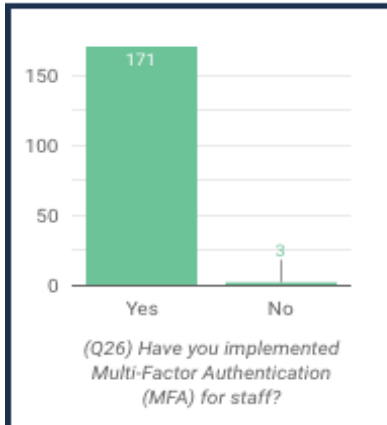
# #DigCit

170 districts report meaningful implementations with students.

...4... we still want to work with you if you were not able to report YES in this area.



# Security Baseline ..... not publicly reported



The background of the slide is a composite image. The top left shows a line of yellow school buses, with the word 'SCHOOL BUS' visible on the front of one. The bottom left shows a classroom with blue walls, decorated with colorful balloons and framed pictures. The rest of the slide is white.

# Biggest Phish in the Tank: Keep Your Fingers Out and Your School Safe

Robert Hackworth, Chief Information Officer  
KDE Office of Education Technology

The background of the slide is a composite image. The top left shows a line of yellow school buses, with the word 'SCHOOL BUS' visible on the front of one. The bottom left shows a classroom with blue walls, decorated with colorful balloons and framed pictures. Several desks and chairs are arranged in the room.

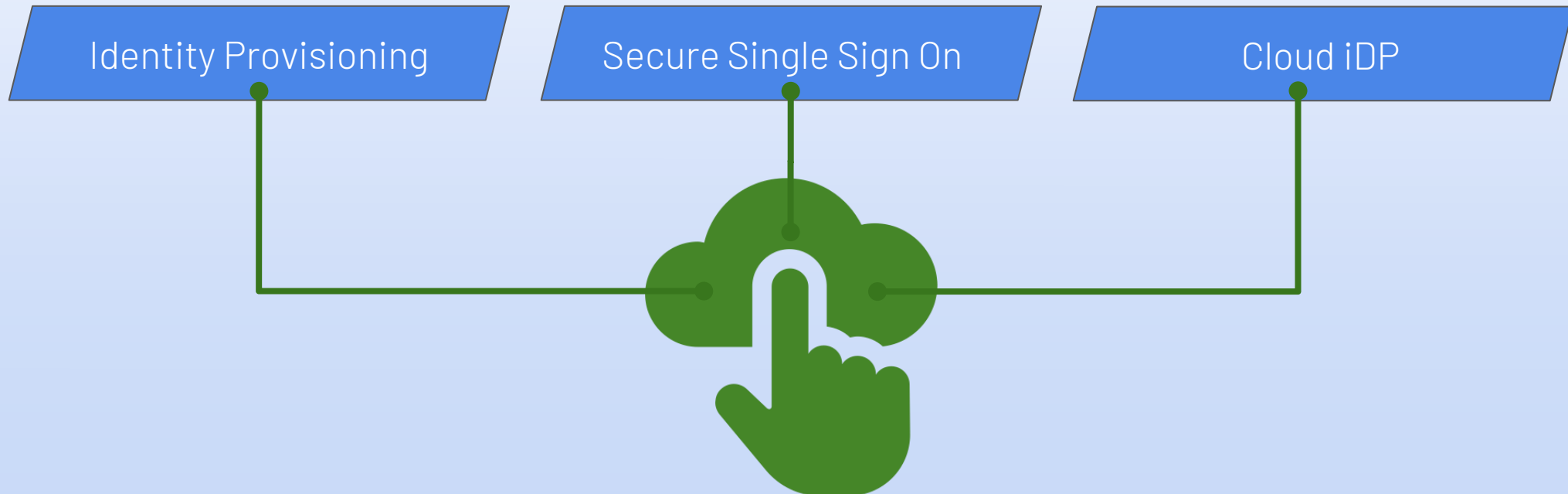
# Kentucky K-12 Connected User Experience System

Associate Commissioner David Couch and Chuck Austin  
KDE Office of Education Technology



# Connected User Experience

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## Connected User Experience System (CUES)

*Vision: To implement a state-funded K12-Centric Identity Management Framework serving all public school districts with a twofold purpose to ensure that all participants in our learning environment (students, teachers and staff) have secure access to the technology resources needed as they enter our facilities, and also to provide avenues for teachers to keep students engaged and connected to our Education Technology resources.*

Four primary goals:

- **Goal #1:** Establish a **single secure identity** for **all** students, teachers, and staff
- **Goal #2:** Automate the **timely creation and removal** of these identities by integrating directly with MUNIS (staff) and Infinite Campus (students)
- **Goal #3:** Deliver “**K12-Centric**” features and functions
- **Goal #4:** Establish **role-appropriate cybersecurity standards** and **protective identity security measures**





# Identity Automation

## Frictionless Experience

Context Based Authentication from K-1 to High Privilege authentication controls.



## Rapid Access & Separation

Zero-Day Start and Automated Compliance with Access Policies for All Identities (Staff, Students, Guardians, Contractors, etc.)



## End User Empowerment

Self-Service Password Management and Delegated Administration



## Simplifying the Complex

Any Source System, Any Target System, With Data Validation and Clean Up



## Connected User Experience System (CUES)

- Establish a single, secure, cloud-based identity
- Age-appropriate authentication & app launch options
- Platform Agnostic



- Zero-Day access
- Appropriate levels of Identity Security
- Single (automated) point for both on-boarding and off-boarding staff and students



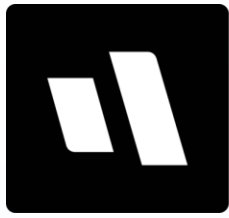
- Delegated & Self-service account management
- Phishing Protection



- Provisioning from pre-existing authoritative sources (MUNIS/IC)
- Connecting our big systems together



**\*KETS-Funded State Standard**



# Identity Automation

Identity Automation strives to empower educators and students everywhere with access to secure, reliable and flexible learning environments. The RapidIdentity platform was purpose-built to help K-12 and higher education institutions solve their identity and access management (IAM) challenges with best-in-class security capabilities, time-saving automations and a flexible approach to managing digital identities.



**20+ Years**  
In the Education Industry



**500+ Institutions**  
Leader in Education IAM



**10,000,000**  
Education Identities Secured



## Frictionless Experience

Context Based Authentication from K-1 to High Privilege authentication controls.

## Rapid Access

Zero-Day Start and Automated Compliance with Access Policies for All Identities (Staff, Students, Guardians, Contractors, etc.)

## End User Empowerment

Self-Service Password Management and Delegated Administration

## Simplifying the Complex

Any Source System, Any Target System, With Data Validation and Clean Up





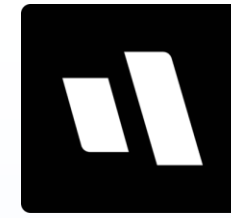
## Planning Phase ➔ Enablement & Beyond



**District Actions**

*Data standardization, cleanup, and process evaluation*







KENTUCKY DEPARTMENT OF EDUCATION Identity Automation


## KETS CUES Resource Hub

CTRL + K







**Project & Product Overview**  
The place to go for all CUES Project Announcements.




**Project Milestones**  
View key milestones for the CUES project here.




**Surveys**  
Identity Automation & CUES Project Feedback Submission.




**Monthly Updates**  
CUES Monthly Updates can be found here.




**District Readiness Activities**  
RapidIdentity District Readiness Guides for smooth implementation.




**FAQs** ←  
All of your Frequently Asked Questions around CUES and RapidIdentity are here.




**CUES Architecture**  
This section provides information on the CUES architecture and design.



**Training**  
RapidIdentity training materials and webinars are here.



**Support**  
Access support for the CUES project here.



Identity Solutions
Classroom Solutions
Industries
Resources
About Us

<https://ky.rapididentity.com/>



The background is a collage of two images. The top-left portion shows a line of yellow school buses, with the word 'SCHOOL BUS' visible on the front of the lead bus. The bottom-right portion shows a classroom with blue walls, decorated with colorful balloons and framed pictures. Several desks and chairs are arranged in the room.

# Budget Discussion

Dr. Robbie Fletcher  
Commissioner of Education

The background is a composite image. The top left shows a line of yellow school buses, with the number '32' visible on the front of one. The bottom left shows a classroom with blue walls, decorated with colorful balloons and framed pictures. Desks and chairs are arranged in rows.

# Question and Answer Session

*(Submit Questions in Teams)*

KDE Leadership



# Important Dates

KDE Closed for Martin Luther King Jr.'s Birthday

Jan. 20

Local Superintendents Advisory Council

Jan. 28

National Board Recognition Ceremony in Frankfort

Feb. 6

Kentucky Board of Education

Feb. 5-6

Superintendents Webcast

Feb. 11