

Summary of the July 2022 for KY K-12 Education Technology Leaders' Virtual Meeting

In case you missed it or want a refresher, the following is what we talked about during the July 19, 2022, EdTech leaders' virtual meeting. A copy of the video and audio can be found at: <https://mediaportal.education.ky.gov/technology/2022/07/edtech-webcast-july-2022/>.

Public viewing of the archived webcasts and written summaries are also available on the KDE Media Portal at: <http://mediaportal.education.ky.gov/>. Numbers in **RED** indicate the timestamp for that portion of the discussion so it can be easily located on the full digital recording.

This was a virtual meeting with our OET staff and all the districts joining via Microsoft Teams and/or YouTube. We will continue to make these available from our KDE media portal so that you can watch the archived discussion and share with the appropriate people in your district. Several GoSoapBox poll questions were posed throughout the meeting and district EdTech leaders were asked to respond to all the questions as it assists us in planning and getting a feel for how to best move forward. Your voice and your feedback are important and extremely helpful to us. Please remember that in addition to these webcasts being available on the KDE Media Portal, each month's webcast is accompanied by these written summaries. We encourage you to share the link and all or any portion of these summary notes with staff throughout your district who may find the information beneficial to them in their position.

(2:01) 2020-2022 Stilwell Award Update – David took a moment to thank everyone again for the heroic efforts during the March 2020 to March 2022 timeframe. The press release has been prepared and a communication will also be going out to each Superintendent. We hope that some news outlets also pick this up to spread the news of all the efforts made by our education technology staff throughout the past two years.

(3:06) KY K-12 Data Systems Update –

- 2021-2022 School Report Card
 - Visit the [KSIS School Report Card Resources webpage](#) for the new 2021-2022 timeline and information.
 - July 18, the Collection tool opens for school-level data collection, and review/approval of School Safety data. This includes the technology data collection. Please work with schools to enter data.
 - WAAPOCs were sent instructions on how to set up SRC access on July 12.

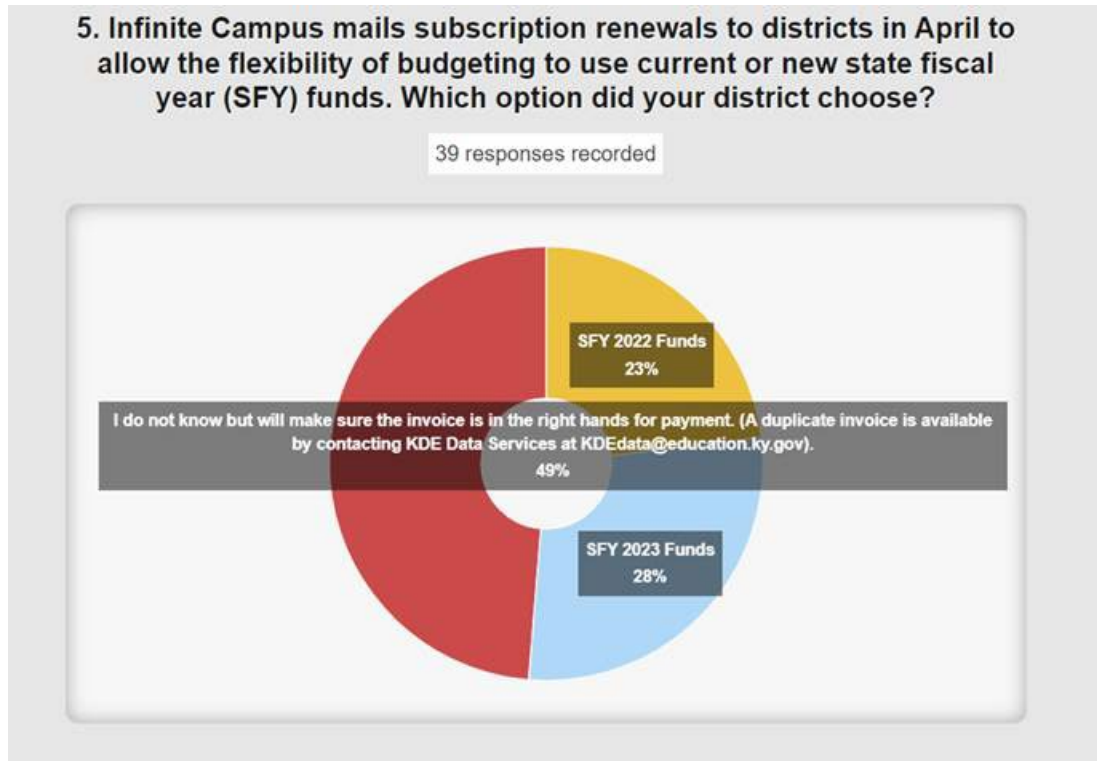


- FERPA 101 and FERPA 201 - Videos and slides from the June 8 Family Educational Rights and Privacy Act (FERPA) Student Privacy Training are available in a Kentucky On-Demand course in the Campus

Passport training center by logging in to [Infinite Campus Community](#). For instructions on how to access Campus Community, refer to the [Campus Community Guide](#).

Note: KDE staff can access the resources on the KDE Data Governance SharePoint site.

- Reminder: Annual Infinite Campus subscription payments are due no later than August 15. If you need a copy of the invoice, send a request to the [KDE Data Services mailbox](#).



- KSIS/Infinite Campus beginning-of-year training help July 12th, over 200 participated. Videos are available on the [KDE Media Portal July Archive Tab](#) and slides are available upon request sent to [KDE Data Services](#).
- Campus Analytics – The full suite now available to all Kentucky districts; new analytic tools expected this fall.
- For details on the following training opportunities, go to the [KSIS Training webpage](#).
 - Parchment eTranscript training - July 21; Aug. 10, 18, 24; and Sept. 7, all sessions are online and cover the same content.
 - January 12 (tentative) – KSIS/Infinite Campus mid-year training

(7:58) Annual Presentation to KBE on KETS Operational Plan Needs - As required by regulation, each August, we identify the federal, state and local funds available to address the annual 2018-2024 KETS Master Plan needs. This will be presented to KY Board of Education (KBE) on August 3. This is a very specific and detailed discussion and we recommend you listen or follow along using the full audio of this presentation. Today, we shared the newest KETS timeline and \$502M in KY K-12 EdTech funding sources for the upcoming school year. This very high dollar amount is somewhat of an illusion because all these federal funds will dissipate after September 2024.

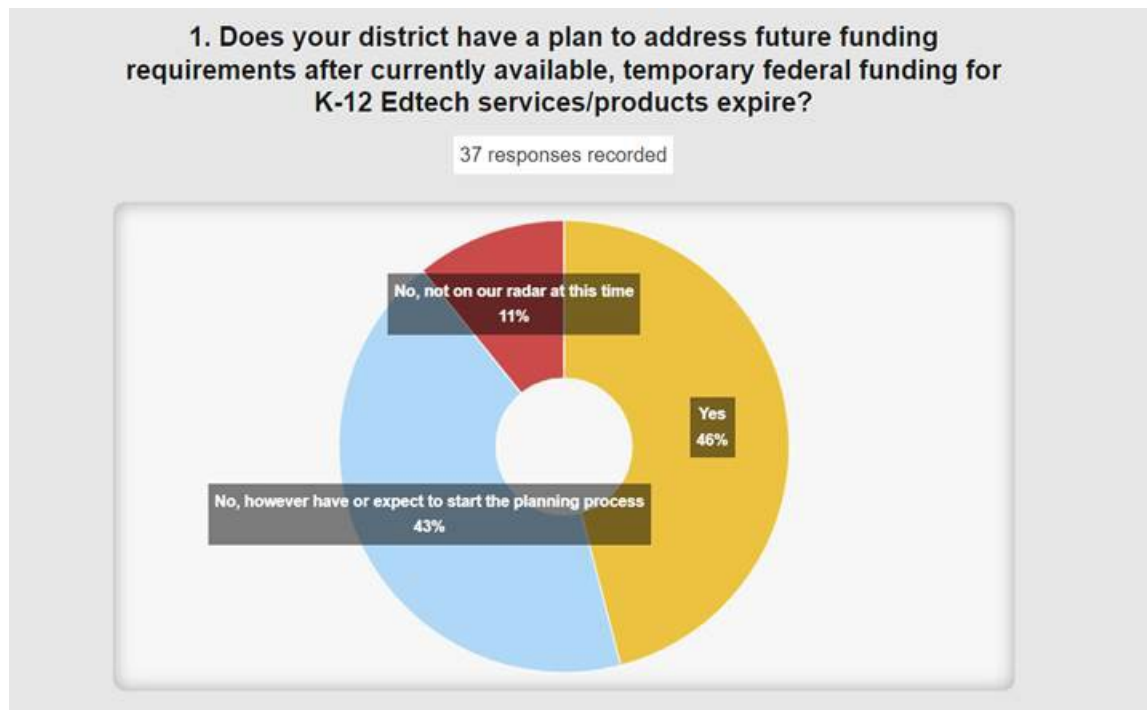
Our goal is to have the KBE make KETS technology funding one of their top five funding priorities to the legislature in the next round of budget discussions. We are pleased for all the offices and programs that have received increased funding over the years, but it is crucial that our program allocation is addressed to restore and/or increase funding to sustain the technology, the people side and the ongoing bandwidth needs of our schools and districts. Please use the information below as talking points as you begin to share and educate your legislators. Your district leadership are very influential in making this a priority and we really need to begin now so that we can build support for this funding request.

Staff Note: Of all the funds outlined that make up the \$502M, the KBE is really only approving the \$15.4M; however, these funds play a very important role in our state shared services and our KETS Offers of Assistance program. This amount hasn't increased for many years; however, there are various funding mechanisms in the amount of \$487.3M above and beyond that to put toward education technology operational needs. Much of this is one-time money and we now have to work on how to maintain and sustain the education technology needs of KY K-12. This is, by far, the highest amount of possible funding we've had in the entirety of our 30-year program. David reviewed the following data showing the funding over the last seven years there were able to go toward our \$366M technology unmet need:

- **SY22-23** - \$502.7M (includes \$27.7M of last round of temporary federal Emergency Connectivity Funds (ECF))
- **SY21-22** - \$405.4M (includes \$48.7M in first rounds of temporary federal Emergency Connectivity Funds (ECF))
- **SY20-21** - \$330.7M
- **SY19-20** - \$288.3M (includes \$20.8M jump of student & staff computer purchases from March 2020 to June 2020)
- **SY18-19** - \$265.6M
- **SY17-18** - \$228.7M
- **SY16-17** - \$215.5M

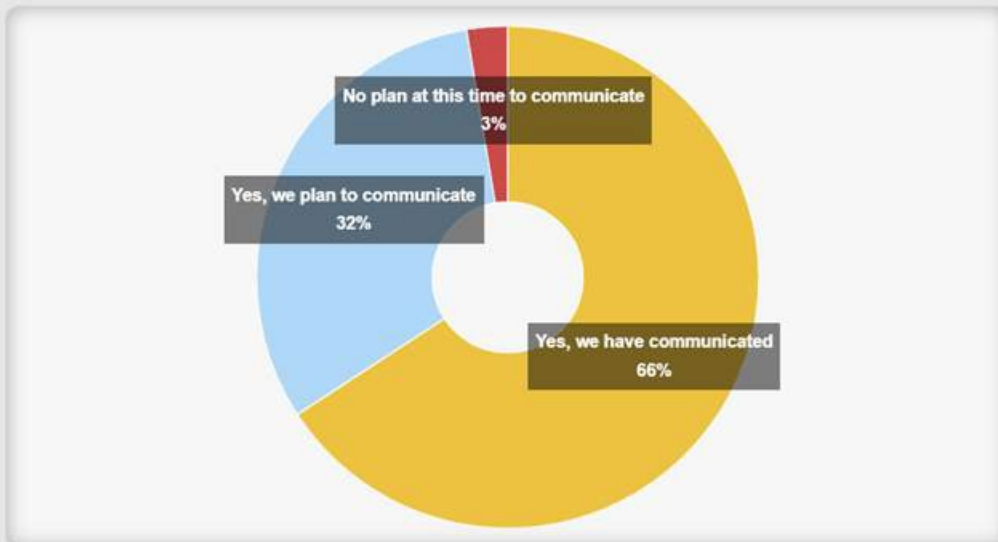
KETS Operational Plan: This plan is a breakdown of how we utilize the \$15.4M as well as all the additional funding sources available. Additional funding would allow us to increase the funds going directly to the districts as KETS offers of assistance. This year, the amount of funds going toward offers is \$12.6M; this amount will be matched at the district level equally and then we also take advantage of the E-rate rebate program—we are a GREAT investment.

David detailed the ESSER I, II, and III funding sources as well as the ECF funds. We also reviewed the state portion of all the ESSER funds and how OET was able to maximize those federal funds to benefit our schools and districts. We also referenced how the Digital Readiness Report (DRR) and the Technology Activity Report (TAR) are used to help us build this big picture.



2. Have you already or will you be communicating on the need to address future funding requirements after currently available, temporary federal funding for K-12 Edtech services/products expire?

38 responses recorded



3. For those that have or are planning a communication, please select the group that best describes who your district has/will be communicating with regarding addressing funding requirements after temporary federal funding for K-12 Edtech services/products expire:

35 responses recorded

CHOICE	VOTES	%
District EdTech Leadership	4	11%
Other District Leadership	12	34%
School Board	3	9%
Local Legislators	1	3%
Public/Parents	0	0%
All/Most of the Above	15	43%

KETS Timeline: The timeline is our story for the last 30 years and the historic achievements that have been made during this timeframe. Kentucky K-12 has been and continues to be the pioneer and national leader in most aspects of education technology since 1992. David went through the most recent additions to the timeline. These are included below in text format. The KETS Timeline is published as [Appendix G](#) of our online KETS Master Plan; it is available in a print format, a graphic format and a text-only format.

One of First Five States to Implement Generate

Generate is the federal system for ED Facts reporting. KDE is a national pioneer for implementation and development of the new state-driven and managed solution that improves data quality, automates reporting, and standardizes and streamlines data processes.

Equity Dashboard Provides Improved Data Interaction and Visualization inside Student Information System

The new Equity Dashboard suite provides visualizations of under- or over-representation of various demographic groups on several indicators and is designed to offer a "big picture" look to help schools and districts identify areas needing further attention. OET leveraged the existing Infinite Campus contract to build out the dashboard versus building a brand-new data system.

Internet Access Beyond the School Campus Expanded

At no other time has more progress and funding been available for Internet access beyond the school campus for KY K-12 students than the past two years. Ninety-eight percent had enough bandwidth available to regularly do their schoolwork beyond the school campus—two percent still don't. Similar progress has also been achieved with modernized Wi-Fi access in the buildings and other school campus locations (e.g., a school's parking lots).

Provided Continuation of Crucial EdTech Services Right After Tornadoes of 2021

All districts, including those most impacted by the tornadoes, were able to complete payroll on time for their staff. This helped make this tornado a little less of a disaster for districts knowing their staff could be paid reliably. In the six months prior to the pandemic, throughout the pandemic and with the recent western Kentucky tornadoes, all KY K-12 cloud based Internet services (financial management services through MUNIS, school information management services through Infinite Campus, e-mail services through Microsoft 365 and Google, etc.) have been up and available to all 171 districts 99.999% of the time. Being the national leader in cloud services is an edge that KY K-12 has on the other 49 states, which comes in very handy both in normal conditions and during recent disaster recovery situations. Since 1995, KY K-12 is the only state in the nation that has a K-12 product standard for a KY K-12 Internet service and a financial management system for all its districts. So, no other state K-12 beyond KY has the ability for all their districts to immediately continue to provide payroll during a disaster by going to a neighboring district or from any location with Internet access. Having a cloud based financial management system also came in very handy during previous ice storms and fires in KY K-12 districts since 2013, including the December 2021 tornadoes.

Launched Kentucky's First Comprehensive K-12 State Plan for Computer Science Education

The Kentucky Department of Education (KDE) continues ongoing support for strong computer science education with the creation of a dedicated K-12 Computer Science Program Manager within the Office of Education Technology, the annual computer science growth report and the development of a, first of its kind, Comprehensive K-12 State Plan for Computer Science Education.

Entire Kentucky K-12 Community Recognized for Heroic Efforts

The 2022 Stilwell Honorary Meritorious Service Medal was awarded to KY K-12 education technology district team members and the Office of Education Technology team members in KDE for going far above and beyond to help through the pandemic as technologies were thrust into the spotlight to keep school and learning services operating at the highest possible levels. The honorary medal reads: "In Recognition of Heroic Efforts March 2020 to March 2022--Presented By The Office of Education Technology, Kentucky Department of Education"

Single Sign-On (SSO) with Kentucky Virtual Library

For the first time in state history the KDE provided access to the Kentucky Virtual Library (KyVL) through a safer, more secure login for students and teachers with Single Sign-On (SSO) technologies for improved ease of access to the KyVL resource library.

Largest and Most Successful Kentucky K-12 Online, High-Stakes Assessment Conducted Three Years in a Row

KY had its third exceptional year with our K-12 Online Summative Testing initiative, setting new records by charging our way through yet another year by completing the largest testing cycle to date with stellar results returned exceptionally fast to teachers and school leaders. 1,647,395 tests were completed in the Spring 2022 test window by students in 3rd through 11th grades across all 171 KY school districts with near zero issues. This includes additional online testing sessions from CTE, vocational and ACT. No other state has come close to experiencing this level of success with deploying online testing for their K-12 students to this scale.

Student Technology Leadership Program (STLP) State Championship Reconvenes In-person with over 14,000 in Attendance

The Kentucky STLP State Championship was hosted on April 20, 2022. This was the first large-scale event at the new Central Bank Center with every area of the facility being maximized for student demonstrations of learning through technology infused project-based learning. For the first time in the STLP state championship history, the Kentucky Board of Education and the KDE Executive Leadership Team were on-site to experience this annual event.

Kentucky Educator Credentials System (KECS) Launch

In early May 2022, KDE's Education Professional Standards Board (EPSB) support organization transitioned to KECS, a new teacher/principal licensing system. Kentucky grants or renews ~34,000 professional teaching and administrative licenses every year. With RANDA Solution's cloud-based workflow system, the effort required to apply or renew an application has been cut in half, the process streamlined, and several home-grown, in-house written applications were retired and replaced with a modern, cloud-based solution. 171 Superintendents, ~200 District HR Reps, and ~35 college personnel, along with ~16 KDE staff were trained or given access to training and are now using the system to process renewals and new license requests, with thousands of teachers and principals using the system to renew or apply for new licenses.

Updated "The People Side of K-12 EdTech" Study

Presented major updates to the original study to account for the new proposed "People Side Formula". This update also includes new considerations for education technology staffing and role strategies, as well as considerations for time, talents and tools.

Kentucky K-12 EdTech Not Only Survives but Thrives Throughout Covid-19 Pandemic

KDE staff and the KY K-12 environment remained uniquely poised to quickly pivot to virtual meetings, distance digital learning, and virtual cloud operations services as we successfully navigated through a second one of a kind school year. KY K-12 is "the" pioneer and "the" national leader in most aspects of education technology so KY K-12 is much better positioned and prepared for telecommuting, virtual operations, virtual resources, virtual meetings and cloud based services than the other 49 states since we've been doing all of these for over a decade. These past few years have put an unprecedented load on all our systems and major services, yet we thrived and did so while continuing to implement new projects, upgrade services and provide connectivity and availability with 99.98% uptime.

Largest Digital Learning Coach Summit Conducted

OET, in partnership with Kentucky Education Television (KET), held the annual Digital Learning Coach Summit. Attendance and participation were outstanding with over 250 leaders connecting and sharing.

Preparing/Building for the Future

During the COVID years, KDE and Kentucky school districts made record improvements to the technology components and services supporting the learning experience from the classroom, home or in a hybrid model. We more than doubled the Enterprise Internet capacity from 80 to 200 Gbps and increased district Internet connections for 145 districts. We improved the service to district firewalls to support four-hour same day replacement, replaced aging Internet access equipment at school districts, and improved Internet safety for students, teachers and administrators while they worked remotely. We also launched a comprehensive effort to further improve Internet security/safety including identity protection measures for every student, teacher, and administrator. These improvements will support growth, safety and improve the overall digital experience.

(42:38) KETS Financial Offers of Assistance to districts for SY 2022-2023 - This was covered in our earlier presentation of the board materials. This dollar amount could fluctuate, but districts can count on the \$21/ADA for the coming year and it will be done through two separate offers.

(43:39) KY K-12 Full-time enrolled online, virtual and remote learning programs – This is a new regulation that we are striving to have in place prior to school year 23-24 to provide a more permanent solution to the current waiver process. This new regulation, 704 KAR 3:535, will be presented to the Local Superintendents' Advisory Council (LSAC) on July 26 and to the KBE on August 3. We anticipate this will affect 1 to 2% of our students. There is a small group of students that this is the right thing at the right time. This is not a mandatory program offering and a district may choose to not implement full-time online, virtual and remote learning programs.

(45:45) KY K-12 Cybersecurity Healthcheck Reminder – This is required through regulation for KDE the agency and all 171 districts NLT the end of August. Please look at this and use this as an opportunity to educate your Superintendent and local board members. Provide them an update on your cybersecurity strengths and weaknesses but also use this time to provide areas where you need more support and funding.

(47:15) KY K-12 Internet Service RFP – This RFP was released on July 8 for KDE the agency organizations and all 171 school districts. It's now out there as an active procurement, so we cannot speak to it in great detail. You can view the RFP in the public portal; this is on track and progressing. Recall that this was one of the topics you provided feedback on during our 2022 CIO Summit.

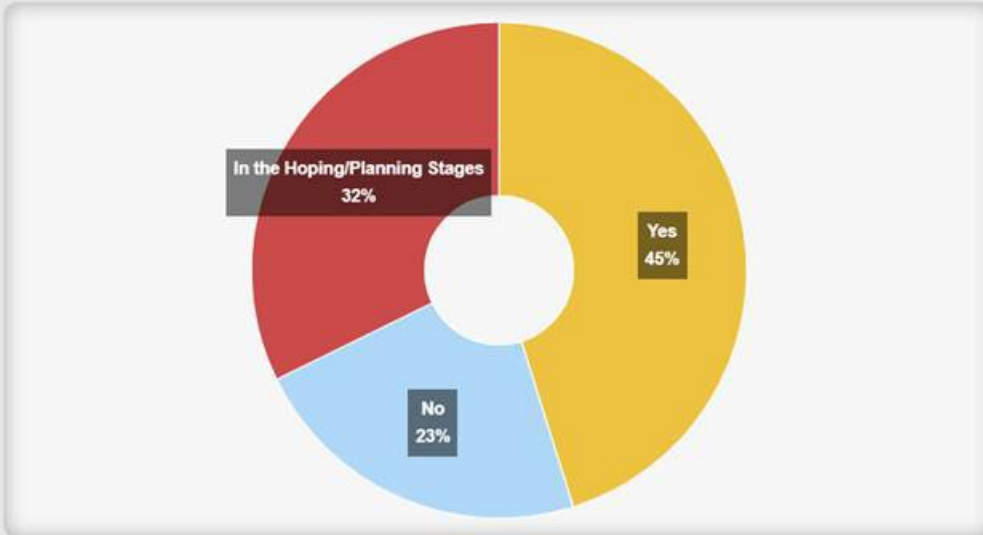
(49:01) LRC Study—Broadband in Kentucky - The KY legislative research commission (LRC) presented and released a report on KY broadband Internet on July 14. We will be writing a response to 1) share our disappointment in not getting the one request made by our office of having all of our schools connected and 2) pointing out the incorrect amount received by KDE and school districts from the federal E-rate rebate program.

- The Report – This is now officially released as Research Report #477 and available on the LRC website at <https://apps.legislature.ky.gov/lrc/publications/ResearchReports/RR477.pdf>
- The PowerPoint - <https://apps.legislature.ky.gov/CommitteeDocuments/344/21192/Broadband%20Presentation%207-14-22.pdf>

(53:30) KY K-12 EdTech Baseline Project Update - One of the most important assets you have is your identity. When we speak about the Security Baseline Project it is really about learning how to protect and manage your identity. The pilots have gone extremely well and we are looking to begin the core, statewide migration the week of July 25th. There are two major aspects to this work – there is the technical aspect of actual implementation and administration but maybe even more importantly is the education and communication of all of these security changes to your end users. Stay closely connected to your KETS Engineer and they can/will provide all the information you need to get scheduled and share with your school and district leadership.

6. Does your district have some type of Data Loss Prevention (DLP) in place to prevent TOP SECRET data (e.g., SSN, health, financial) from being stolen or shared without authorization?

31 responses recorded



We are trying to hit the big items and DLP may be one of the next things coming down after the security baseline work is complete.

Enjoy the remainder of the summer break! Thanks for joining us and we'll see you next month.