OSDE 2020-21 Education Technology Survey

The Oklahoma State Department of Education requests all districts complete the annual Oklahoma Education Technology Survey in order to obtain information required per <u>62 OK Stat § 62-34.23 (2014)</u>.

Gaining an understanding of each school district's technology and Internet capacities, as well as needs, will assist our state in better supporting schools in closing the digital divide. The OSDE will provide a brief overview of the survey data with districts later this year.

For questions involving financial information, exact dollars are not necessary. Feel free to round numbers. The survey's financial data should include spending from July 1, 2019, to June 30, 2020. All other data should the 2020-21 school year.

If you have any questions regarding this survey, please email <u>Karen Leonard</u>. Please have one person, per district, complete the survey by April 20, 2021.

Oklahoma State Department of Education Technology Survey

District Information

1. District Name

[   ]

2. District Number

[   ]

3. County Name

[   ]

Student Devices

4. Please indicate which of the following devices, routinely intended for **student use**, are owned by your school district. Include any school-owned devices that are used in 1:1 programs. (*In a 1:1 program, each student is assigned a school-provided device they carry with them between classes. Students may or may not be allowed to take their devices home.*) Please do **not** include student-owned devices.

- ☐ Windows Desktops
- ☐ Windows Laptops
- ☐ Windows Surface Tablets
- ☐ Mac Desktops
- ☐ Mac Laptops
- ☐ Chromebases
- ☐ Chromeboxes
- ☐ Chromebooks
- ☐ iPads
- ☐ iPods
- ☐ Android Tablets
- ☐ Kindle Fire Tablets
- ☐ Other (please specify)

[   ]

5. For districts that are not 1:1, carts can be an interim step to introducing more technology into instruction. Does your district provide laptop carts for teachers to use in their classrooms? If so, what types?

	Preschool	Elementary School	Middle School/Junior High	High School
Windows Laptop Carts	○	○	○	○
Mac Laptop Carts	○	○	○	○
Chromebook Carts	○	○	○	○
Tablet/iPad Carts	○	○	○	○
Our district does not use laptop carts at this grade band.	○	○	○	○

Other (please specify)

[   ]

6. Please share any future plans your district has to add new devices.

[   ]

Classroom Technology

7. What other types of technology are used in your classrooms?

☐ LCD or DLP, mounted or unmounted, projectors

☐ Interactive whiteboards

☐ Interactive projectors (no interactive whiteboard needed)

☐ Interactive tables (e.g. SMART Table, ActivTable)

☐ Osmo devices

☐ Apple TVs

☐ Google Nexus Players/Chromecasts

☐ Fire TVs/Sticks

☐ Roku Players

☐ 3D printers

☐ Document Cameras

☐ Other (please specify)

Internet Service

8. Who does your district use as its internet provider?

[   ]

9. What is your district's provisioned internet speed **in Mbps**? (1 Gbps=1,000 Mbps)

○ 50 Mbps

○ 100 Mbps

○ 250 Mbps

○ 500 Mbps

○ 800 Mbps

○ 1000 Mbps

○ 2000 Mbps

○ 5000 Mbps

○ Other (please specify)

[   ]

10. What is the range that best corresponds to your district's provisioned local area network (LAN) speed?

○ Less than 100 Mbps

○ 100 Mbps to less than 1 Gbps

○ 1 Gbps to 10 Gbps

○ 10 Gbps or higher

○ Other (please specify)

[   ]

11. Which content filtering technology does your district use?

- ☐ Cisco Umbrella
- ☐ Securly
- ☐ GoGuardian
- ☐ Other (please specify)

    [   ]

12. If your district manages its own firewall, which firewall technology does the district use?

- ◯ Palo Alto
- ◯ Fortinet
- ◯ Juniper
- ◯ Cisco
- ◯ We do not manage our own firewall.
- ◯ Other (please specify)

    [   ]

13. Do you provide hotspots for student use?

- ◯ Yes
- ◯ No

14. If you provide hotspots for students to use, which provider do you use?

[   ]

15. If you provide hotspots for student use, how many hotspots has your district distributed to students?

[   ]

16. If you provide hotspots for students to use, how would you describe the user experience?

[   ]

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Wireless Access

17. Which devices are allowed access to the district's wireless Internet?

☐ School-owned devices

☐ Teacher personal devices

☐ Student personal devices

☐ Guest personal devices

☐ Our district does not provide wireless internet access.

18. Does your district have a separate wireless network for students?

○ Yes

○ No

19. Does your district have a separate wireless network for guests?

○ Yes

○ No

20. Please select the grades in which students have access to wireless Internet in the district

	Pre-K	Kindergarten	First Grade	Second Grade	Third Grade	Fourth Grade	Fifth Grade	Sixth Grade	Seventh Grade	Eighth Grade	Ninth Grade	Tenth Grade	Eleventh Grade	Twelfth Grade
School-owned devices	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Student personal devices	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

21. Does your district use any other methods to allow students access to the Internet?

☐ Buses with wireless access

☐ Mobile hotspot checkouts

☐ Other (please specify)

<div style="border:1px solid #000; width:60%; height:40px;"></div>

Technology Staff

This section will cover two groups of technology staff:

Technology Director or Chief Technology Officer (CTO) whose primary responsibility is installing, maintaining and overseeing the network infrastructure, servers, computers, and software that your district uses.
Instructional Technology Staff/Coach whose primary responsibility is supporting teaching and student learning with an emphasis on technology integration in the classroom.

22. Does your district employ a technology director or chief technology officer?

   ◯ Yes, our district has a full-time technology director.

   ◯ Yes, our district has a part-time technology director.

   ◯ No, our district contracts out our IT work.

   ◯ No, our district does not have a person in this role.

23. If you answered yes to the previous question, please share the name and email address of your district technology director or CTO.

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[                                    ]
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24. Does your district employ an instructional technology director or coach who supports the teachers in technology usage and integration?

   ◯ Yes, our district has multiple full-time instructional technology directors or coaches.

   ◯ Yes, our district has one full-time instructional technology director or coach.

   ◯ Yes, our district has one or more part-time instructional technology directors or coaches.

   ◯ No, but our district has people who are technology leaders and support teachers with technology usage and integration.

   ◯ No, we do not have anyone who supports teachers with technology usage and integration.

25. If you answered yes to the previous question, please share the name(s) and email address(es) of your instructional technology director(s) or coach(es).

1:1 Program

In a 1:1 program, each student is assigned a school-provided device they carry with them between classes. Students may or may not be allowed to take their devices home. This does not include devices housed in a computer lab or mobile cart.

26. Does your district have a 1:1 program with **at least one grade** having devices **assigned to every student**?

○ Yes

○ No

27. What are your 1:1 program plans for the next 2 years?

○ No change

○ Begin

○ Maintain

○ Expand

○ No plans

○ Other (please specify)

[   ]

Note: If your district does **not** have a one-to-one program currently, **skip to question 31**.

28. Please select the range that best describes the 1:1 program coverage for students in your district, by grade.

	None	Few (1-49%)	Some (50-99%)	All (100%)
Pre-K	○	○	○	○
Kindergarten	○	○	○	○
First Grade	○	○	○	○
Second Grade	○	○	○	○
Third Grade	○	○	○	○
Fourth Grade	○	○	○	○
Fifth Grade	○	○	○	○
Sixth Grade	○	○	○	○
Seventh Grade	○	○	○	○
Eighth Grade	○	○	○	○
Ninth Grade	○	○	○	○
Tenth Grade	○	○	○	○
Eleventh Grade	○	○	○	○
Twelfth Grade	○	○	○	○

29. Please indicate the grades in which students may take their 1:1 devices home.

☐ Pre-K

☐ Kindergarten

☐ First Grade

☐ Second Grade

☐ Third Grade

☐ Fourth Grade

☐ Fifth Grade

☐ Sixth Grade

☐ Seventh Grade

☐ Eighth Grade

☐ Ninth Grade

☐ Tenth Grade

☐ Eleventh Grade

☐ Twelfth Grade

30. What method/s did your district use to fund your 1:1 program?

☐ Bonds

☐ Foundation grants

☐ Government grants

☐ Federal funds

☐ Corporate donations

☐ Community/private donations

☐ State allocation

☐ Oklahoma State Department of Education grants

☐ District general fund

☐ Other (please specify)

_____

Bring Your Own Device (BYOD) Program

Please Read: Some districts allow students to bring their own devices (i.e., mobile phones, laptops, tablets) to school and connect them to the school network for in-class learning (if the teacher allows it).

31. If your district has a BYOD program, please indicate the grades in which students participate in your district's BYOD program.

☐ Pre-K

☐ Kindergarten

☐ First Grade

☐ Second Grade

☐ Third Grade

☐ Fourth Grade

☐ Fifth Grade

☐ Sixth Grade

☐ Seventh Grade

☐ Eighth Grade

☐ Ninth Grade

☐ Tenth Grade

☐ Eleventh Grade

☐ Twelfth Grade

☐ N/A

Software and Learning Platforms

Email

32. What email system does your district primarily use?

○ Microsoft Office/365

○ Gmail

○ Other (please specify)

[   ]

33. At what grade level do students in your district **first** have access to school email and email addresses?

[⬍]

Student Information System (SIS)

34. Please indicate which of the following SIS is used within your district.

○ Wen-GAGE ISI

○ Common Goal Schoolinsight

○ STI InformationNow

○ Powerschool

○ Infinite Campus

○ Other (please specify)

[   ]

Learning Management System (LMS)

35. Which LMS do you use district-wide?

○ Canvas

○ Schoology

○ Google Classroom

○ We do not use a district-wide LMS.

○ Other (please specify)

[   ]

36. If you have a district-wide LMS, what do you pay for your system? (Provide either or both) Cost per student? Total cost?

[   ]

37. If your district allows teachers to select their own LMS platforms, please indicate which of the following are used by students in your district. (Please select all that apply.)

☐ Blackboard

☐ Canvas

☐ Edmodo

☐ Google Classroom

☐ Haiku

☐ Moodle

☐ Schoology

☐ We do not allow teachers to select their own LMS platforms.

☐ Other (please specify)

[   ]

Content Management Systems (CMS)

38. If you use any district-wide content management systems, which of the following are used by your district? (Please select all that are applicable.)

- [ ] A+ Learning System
- [ ] Edmentum
- [ ] Exact Path
- [ ] Front Row
- [ ] Learn Anywhere Oklahoma
- [ ] MobyMax
- [ ] Spark
- [ ] Study Island
- [ ] Other (please specify)

[_____]

Video Conferencing

39. Which video conferencing technologies are used in your district?

- [ ] Cisco WebEx
- [ ] Google Meets
- [ ] Microsoft Teams
- [ ] Polycom
- [ ] Skype
- [ ] Zoom
- [ ] Other (please specify)

[_____]

Financial Information

Please report your technology-related expenses for the 2019-20 school year (July 1, 2019-June 30, 2020). Only enter out-of-the pocket expenses for which the district is not reimbursed. Exact dollar amounts are not necessary; please feel free to round to the nearest dollar.

40. How much did your district spend on **end-user hardware** (computers, tablets, and other end-user devices)?

41. How much did your district spend on **networking hardware** (networking equipment, servers, WAPS, etc.)?

42. How much did your district spend on **annual networking charges** (Internet, WAN)?

43. How much did your district spend on **instructional software licenses** and **instructional web-based subscriptions**?

44. How much did your district spend on **other software licenses** and **web-based subscriptions**?

45. How much did your district spend on its **student information system**?

46. How much did your district spend on its **accounting system**?

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E-Rate

47. Does your district apply for E-Rate?

   ◯ Yes

   ◯ No

48. If your district uses an E-Rate consultant company, please select the company used by your district.

   ◯ Collect-Ed LLC

   ◯ CRW Consulting

   ◯ Funds for Learning

   ◯ HelpMySchool

   ◯ Julie Watson Consulting

   ◯ Kathe Claborn Consulting

   ◯ Kellogg and Sovereign

   ◯ MyERate Guy-Drew France

   ◯ We do not use an E-Rate consulting company.

   ◯ Other (please specify)

   [   ]

Have you received a funding commitment for your broadband services?

49. Oklahoma Universal Service Fund (OUSF): **2019-20** School Year

   ◯ Yes, for the requested amount

   ◯ Yes, but for a reduced amount

   ◯ Still pending

   ◯ Denied

   ◯ N/A

50. Oklahoma Universal Service Fund (OUSF): **2020-21** School Year

○ Yes, for the requested amount

○ Yes, but for a reduced amount

○ Still pending

○ Denied

○ N/A

51. E-Rate: **2019-20** School Year

○ Yes, for the requested amount

○ Yes, but for a reduced amount

○ Still pending

○ Denied

○ N/A

52. E-Rate: **2020-21** School Year

○ Yes, for the requested amount

○ Yes, but for a reduced amount

○ Still pending

○ Denied

○ N/A

53. Does your district have current connectivity data (within the last six months) determining home internet access for families?

○ Yes

○ No

If you responded yes to the previous question, what are the percentages of connectivity methods for home internet access are used within your district?

54. Percentage using Broadband

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[                                    ]
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55. Percentage using Hotspots

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[                                    ]
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56. Percentage using other means of internet access

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[                                    ]
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57. Percentage having no home internet access

Full-Time Virtual/Blended Learning

Full-Time Virtual Learning is completely online learning that occurs away from the school building either through asynchronous and/or synchronous instruction. Blended Learning is learning that occurs through a combination of supports from a brick and mortar learning site and the learning environment of a virtual platform.

58. Which of the following form/s of instruction does your district plan to offer for the 2021-22 school year? (Please select all which apply.)

☐ Traditional face-to-face instruction

☐ Full-time virtual learning

☐ Blended learning

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Survey Respondent Information

59. Please enter the information for this survey's main respondent.

Name

Email Address

Phone Number

60. Please enter the title of the main respondent.