

2021 UTAH SCHOOL TECHNOLOGY INVENTORY REPORT



Utah Education and Telehealth Network



CONNECTED NATION[®]





Utah Education and Telehealth Network

February 3, 2022

Dear Utah Public Education Community:

On behalf of the Utah Education and Telehealth Network (UETN), I am excited to present the fourth iteration of the Utah School Technology Inventory. The State's continued commitment to providing data on the digital teaching and learning environment of our schools is unprecedented nationally, and given this year's reflection on pandemic learning, the results of this inventory have never been more relevant.

I'd like to thank once again, the school and district-level technology directors who, without their support, data collection would not have been possible. Their leadership and willingness to go above and beyond have led to a participation rate of 100 percent for the fourth inventory in a row. With the support of non-profit partner Connected Nation, this inventory successfully collected over 80,000 new datapoints across 1,037 public schools. The data, focused on devices, hardware and software age, teaching resources, and, for the first time this year, home access.

Because the inventory questions have remained largely the same since the origin of the project, UETN can now see longitudinal trends and clear outcomes from state digital teaching and learning funding. We believe the focus on quality data to inform policy decisions is good government and we commend the State for continuing this priority.

This year's inventory shows that over the past two years Utah educational institutions have added over 147,000 new computing devices for students, with Chromebooks largely remaining the most used device by quite a large margin. Thanks to this investment, the device-per-student ratio in the state increased from 1.11 in 2019 to 1.32 in 2021. This is significant for our schools in a pandemic world as inperson learning continues to have significant disruptions. In fact, today, we see that nearly 2 out of 5 Utah schools offer mobile devices on a 1:1 basis where students can take those devices home. This is a dramatic increase from 2019 when only 6% of schools made this option available.

Another interesting change this inventory has been the staff that our schools reported employing for instructional support. In 2021, Utah schools dedicated 1.12 Full-Time Equivalent (FTE) staff per 1,000 student computing devices each week. In 2019, that number was 0.93 FTE staff per 1,000 student devices. This is perhaps another indication that the pandemic has changed our learning environments in a more increasingly digital world.

UETN is encouraged by this year's data as it exemplifies the ability of our learning institutions to pivot quickly and make resources available to students in unprecedented times. In March 2020 when schools went virtual, the State of Utah had a clear picture of where resources were and were not, thanks to our inventories. The ability to use that data and turn traditional learning in to virtual learning quickly and efficiently was a powerful tool, and we believe Utah students are better thanks to this great work. Our mission is far from complete, however, and the following inventory will outline ways in which we can continue to work for the best possible teaching and learning environments for our students. I am enthusiastic for the future of our schools and students, and look forward to continuing to serve our great educators.

Sincerely,

Ray Timothy
CEO/Executive Director
Utah Education and Telehealth Network



We network for education and healthcare

DOLORES DORÉ ECCLES BROADCAST CENTER THE UNIVERSITY OF UTAH 101 WASATCH DRIVE, ROOM 215 SALT LAKE CITY, UTAH 84112-1792

CONTENTS

- I. PROJECT HISTORY AND KEY FINDINGS 4**

- II. INVENTORY RESULTS 8**
 - A. Hardware in Schools — 10
 - B. Student Technology Access — 16
 - C. Mobile-Learning Device Deployment Scenarios — 20
 - D. Wi-Fi Networks — 21
 - E. Technology Support Staffing — 27
 - F. Educational Software & Tools — 29

- III. INVENTORY OVERVIEW AND METHODOLOGY 40**
 - A. Survey Design and Portal Development — 44
 - B. Outreach — 45

- IV. CONCLUSION 48**

- V. APPENDICES 51**
 - Appendix A: Senate Bill 277 — 52
 - Appendix B: Inventory Questions — 67
 - Appendix C: About Connected Nation — 82
 - Appendix D: Statewide Summary Page — 84
 - Appendix E: School District Summary Pages — 86
 - Appendix F: Charter Schools Summary Pages — 129
 - Appendix G: News and Notables — 241

I. PROJECT HISTORY AND KEY FINDINGS



PROJECT HISTORY AND KEY FINDINGS

INTRODUCTION

In January 2020, the Utah Education and Telehealth Network (UETN), in collaboration with Connected Nation (CN), released the results from its third School Technology Inventory — a project that once again garnered participation from every public school district and charter school across Utah. Less than two months later, the COVID-19 pandemic shutdowns disrupted school systems and in-person learning, prompting immediate and consequential changes within education systems across the world. Educators were challenged with identifying and implementing strategies to teach and engage students effectively online, resulting in a new learning paradigm that is heavily reliant upon technology and robust connectivity — both on and off campus.

As states scrambled to take inventory of education technology resources that could support online learning, UETN and the Utah State Board of Education were already a step ahead. The January 2020 School Technology Inventory project yielded tens of thousands of data points that were immediately available to inform state decision-making as schools shifted to an at-home learning model. The practical implications of the project have never been more real, underscoring the importance of the project as a critical resource for assessing — and then addressing — technology needs in Utah’s public schools. This intelligence was particularly useful in guiding the distribution funds received from the federal 2020 Coronavirus Aid, Relief, and Economic Security (CARES) Act, and was also beneficial in defining other unmet needs that could be addressed by the 2021 American Rescue Plan Act (ARPA).

Utah has long been a national model for public education — from its commitment to high-quality classroom instruction, to its robust school broadband network administered by UETN, to its commitment to ensuring teachers and students have the technology resources they need to deliver a world-class learning experience. Utah leads the nation in data-driven school

technology decision-making, and this commitment has led to the execution and completion of the fourth iteration of the UETN School Technology Inventory in partnership with CN. This entailed yet another comprehensive assessment of digital teaching and learning resources deployed in every single school across the state.

A HISTORY OF TRACKING SCHOOL TECHNOLOGY

In 2015, the Utah legislature passed Senate Bill 222, which established a digital teaching and learning program that would be informed by a statewide inventory of classroom technology and related resources deployed across Utah's public and charter schools. This legislation catalyzed the first iteration of the School Technology Inventory, which commenced in the fall of 2015 and concluded in January 2016.

Connected Nation, a national nonprofit focused on closing America's Digital Divide, was selected by UETN to develop a data collection portal and lead the initial inventory effort. In the end, CN was successful in gathering data from 100% of Utah's public schools (including traditional district-administered schools and charter schools).

Following this success, in 2017, the Utah Legislature passed a second bill — House Bill 277 (see Appendix A) — which established the state's Digital Teaching and Learning Grant Program. The program made grants available to schools and districts seeking to improve student learning outcomes and enable professional learning opportunities for educators in the area of digital teaching and learning.

To assess the impact of these investments, UETN elected to implement second and third iterations of the inventory, in the autumn months of 2017 and 2019 respectively - both of which continued to garner participation from 100% of the state's districts and charter schools. With a focus on the collection and assessment of longitudinal data over time, UETN and CN commenced with the execution of a fourth iteration of the inventory in fall 2021, which concluded in January 2022.

The following report highlights the most significant findings for 2022 and offers a review of how Utah's school technology landscape has evolved since late 2015.

KEY RESULTS AND FINDINGS

- **The number of devices per student is increasing.** More than 888,800 computing devices are available to more than 675,500 Utah students, representing approximately 1.32 devices per student. This is up from 1.19 devices per student in 2019.
- **Statewide, nearly 2 out of 5 Utah schools (39%) have deployed mobile computing devices on a 1:1 basis, meaning that students in those schools can take devices home.** This represents a dramatic increase from 2019 when only 6% of schools made this option available, highlighting that 1:1 device deployment has become more important than ever in response to the COVID-19 pandemic.
- **Google Chromebooks are still the most widely deployed device for student use.** Utah schools deployed 577,690 Chromebooks in 2021, compared with 421,238 in 2019.
- **Despite the increase in devices being sent home with students, only 27% of Utah's Local Education Agencies (LEAs) provide some form of remote internet access for their students.** Statewide, LEAs estimate that, on average, 8% of the students they serve do not have adequate access at home, and report that the No. 1 barrier to home adoption is affordability (estimated to be the top barrier to adequate home broadband access by 38% of schools).
- **Instructional technology support is increasing.** In 2021, Utah schools dedicated 0.94 full-time equivalent (FTE) staff per 1,000 student computing devices each week. This is comparable to 2019 when schools reported 0.93 FTE per 1,000 student computing devices.
- **Nearly 1 in 5 Utah schools (19%) say that the wireless networking gear used in the school is newer than one year old, which is an improvement over the 2019 inventory when 11% indicated the same response.** Still, between 2019 and 2021, the percentage of those reporting that their wireless gear is four or more years old remained largely the same (19% in 2021 and 20% in 2019).
- **Wired networking gear across Utah's K-12 schools tends to be older, with more than 2 out of 5 schools (44%) reporting that their wired hardware is four years old or older.** This statistic has remained relatively constant over the previous iterations of this inventory.
- **A growing number of Utah schools report that they need online tools for counseling and guidance.**

II. INVENTORY RESULTS

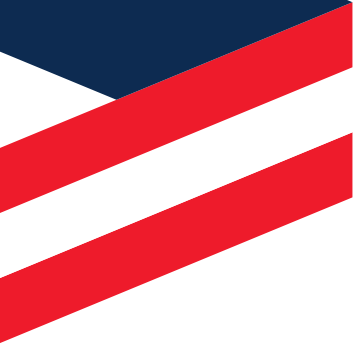


INVENTORY FINDINGS

The 2021 Utah School Technology Inventory included approximately 55 questions posed to charter and district schools related to computing devices, internet access, home internet availability, and the current use of — and projected needs for — digital learning tools and resources (Appendix B).

As in previous years, the 2021 inventory consists of nearly 80,000 new points of data on technology access and usage in 153 Utah LEAs, including school districts and charter schools. These LEAs represent a total of 1,037 public schools statewide, serving more than 675,500 students as of the beginning of the 2021–22 school year.

These data were collected, compiled, and validated by Connected Nation (Appendix C) on behalf of UETN. After final review and analysis of the data collected, CN and UETN collaborated to compile findings and key insights that, in the opinion of the authors, will be most useful to state leaders, policymakers, and local school personnel. The following report also seeks to identify takeaways and noticeable trends from this most recent inventory, as compared with the three previous iterations conducted by CN and UETN in 2015, 2017, and 2019.

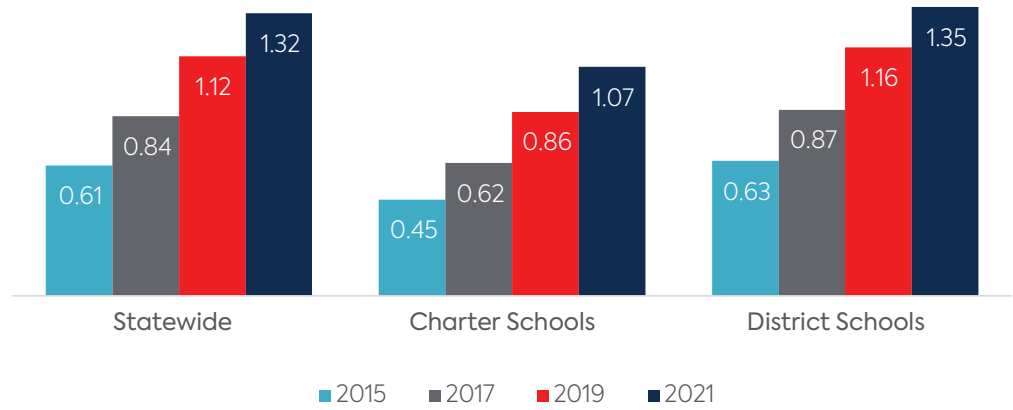


**INVENTORY
FINDINGS:
HARDWARE IN
SCHOOLS**

A. HARDWARE IN SCHOOLS

Utah students and administrators are benefiting from greater access to technology. State LEAs report that more than 888,600 computing devices are available to Utah’s 675,589 K-12 students; this equates to 1.32 devices per student, up from 1.12 in 2019. This increase is seen in both charter and district schools (Figure 1).

**FIGURE 1
TRENDS IN THE NUMBER OF COMPUTING DEVICES PER STUDENT**

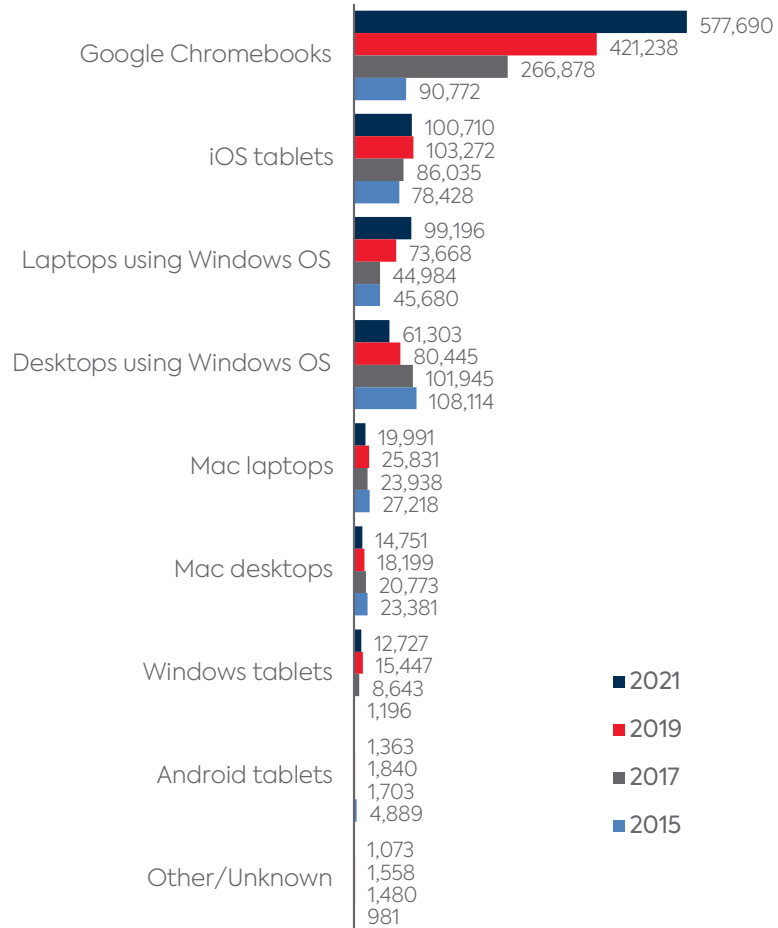




**INVENTORY
FINDINGS:
HARDWARE IN
SCHOOLS**

While Utah schools make a variety of computing devices available to students, Google Chromebooks are the most popular in Utah’s LEAs, followed by tablets utilizing Apple iOS, and laptop computers using the Windows operating system (Figure 2).

**FIGURE 2
COMPUTING DEVICES AVAILABLE FOR STUDENT USE IN UTAH SCHOOLS**



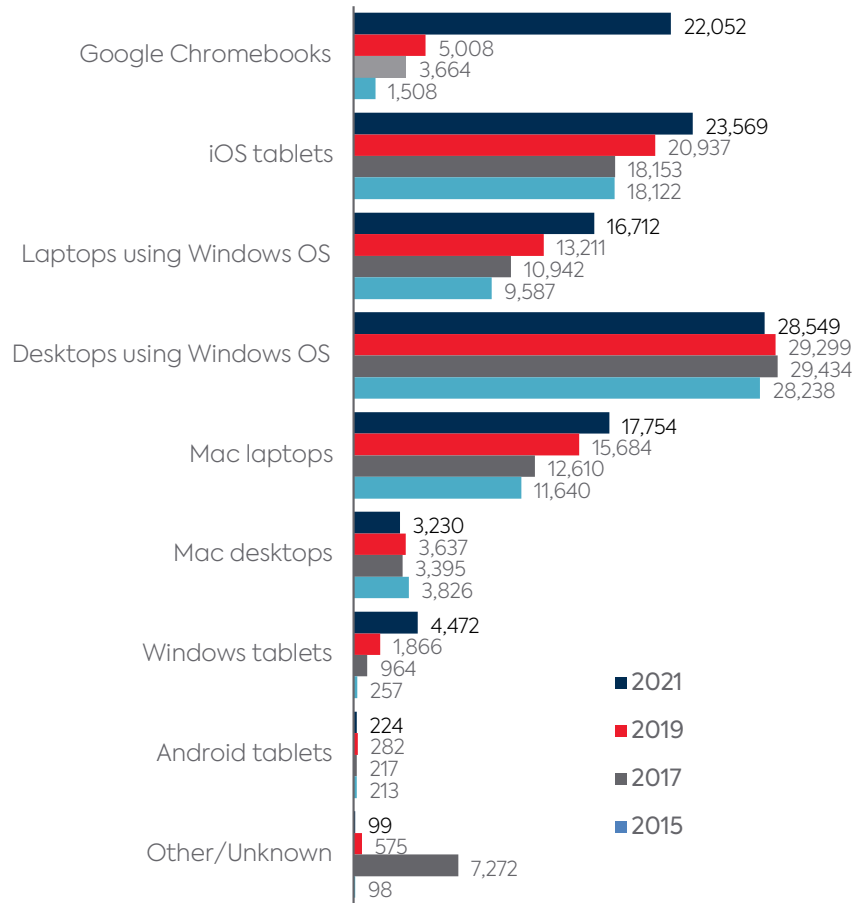
As illustrated above (Figure 2), mobile computing devices such as Chromebooks have grown in popularity since 2015, stressing the importance of portability, which allows students to take computing devices home for homework and remote learning.



INVENTORY FINDINGS:
HARDWARE IN SCHOOLS

In contrast, Utah schools rely more heavily on desktop computers for their teachers and administrators (Figure 3).

**FIGURE 3
COMPUTING DEVICES AVAILABLE FOR TEACHER/ADMINISTRATOR USE
IN UTAH SCHOOLS**



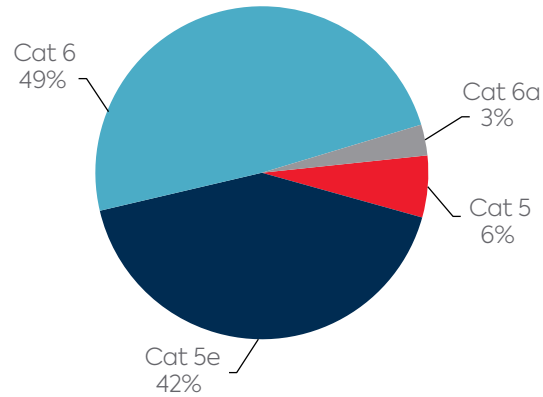
The number of desktop computers in use has declined over the past several years, while the number of mobile devices, tablets, and laptop computers has increased.



**INVENTORY
FINDINGS:
HARDWARE IN
SCHOOLS**

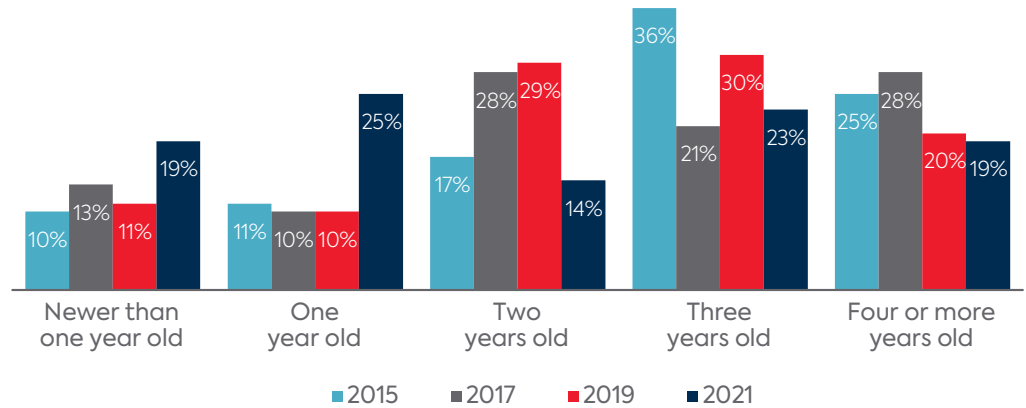
To keep these devices connected, the largest share of Utah schools still relies on older Cat 5 or Cat 5e ethernet cable technology. Only 3% report using the modern Cat 6a wiring technology, despite the newer cables providing the capability for faster transmission over longer distances (Figure 4).

**FIGURE 4
PREDOMINATE WIRING TECHNOLOGY IN SCHOOLS**



Nearly 1 in 5 Utah schools (19%) say that the wireless hardware used in the school is newer than one year old, which is a significant improvement over the 2019 inventory (Figure 5).

**FIGURE 5
AVERAGE AGE OF WIRELESS HARDWARE IN UTAH SCHOOLS**



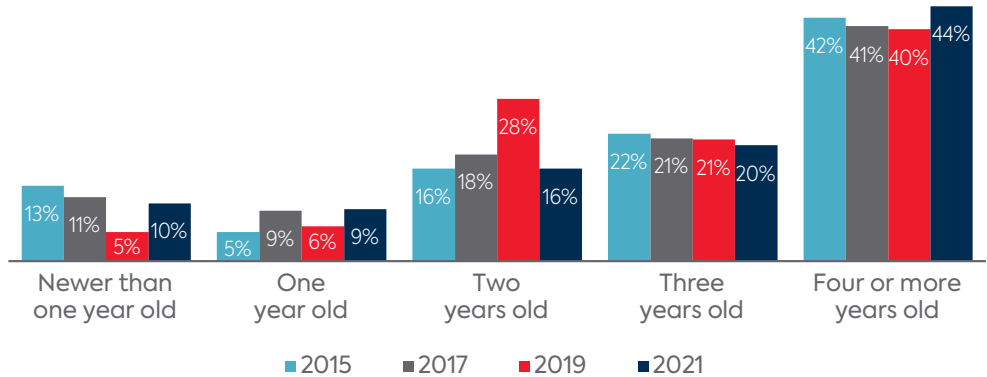
A similar share of schools (19%) say that their wireless gear is four or more years old. While this number has decreased since prior inventories, it still represents a significant number of schools using aging and less efficient wireless hardware.



**INVENTORY FINDINGS:
HARDWARE IN SCHOOLS**

Wired networking hardware in Utah K-12 schools tends to be even older — with more than 2 out of 5 schools (44%) reporting that their wired hardware is four years old or older (Figure 6).

**FIGURE 6
AVERAGE AGE OF WIRED HARDWARE IN UTAH SCHOOLS**



This statistic has remained relatively constant, though more schools reported deploying new wired gear than in 2019, with 10% saying in 2021 that their wired hardware is, on average, newer than one year old (compared with only 5% in 2019). Also of note, these changes did not occur at similar rates when comparing charter and district schools between 2019 and 2021 (Figure 7).

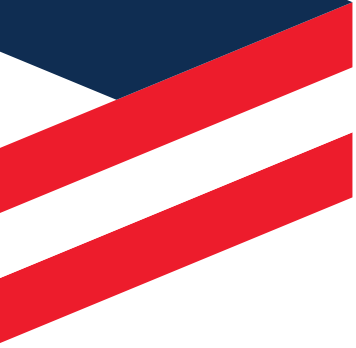
**FIGURE 7
AVERAGE AGE OF WIRELESS AND WIRED GEAR IN SCHOOLS**

AVERAGE AGE OF WIRELESS GEAR

	2015		2017		2019		2021	
	Charter	District	Charter	District	Charter	District	Charter	District
Less than one year old	22%	8%	25%	11%	15%	10%	18%	19%
One year old	11%	11%	15%	9%	15%	9%	26%	25%
Two years old	28%	15%	30%	27%	33%	28%	28%	12%
Three years old	24%	40%	12%	23%	24%	31%	18%	23%
Four or more years old	15%	26%	17%	30%	14%	21%	10%	20%

AVERAGE AGE OF WIRED GEAR

	2015		2017		2019		2021	
	Charter	District	Charter	District	Charter	District	Charter	District
Less than one year old	20%	12%	20%	9%	3%	5%	7%	10%
One year old	6%	5%	14%	7%	13%	5%	9%	9%
Two years old	36%	16%	24%	17%	36%	27%	26%	15%
Three years old	24%	22%	15%	22%	22%	21%	24%	20%
Four or more years old	25%	45%	28%	45%	26%	42%	33%	46%

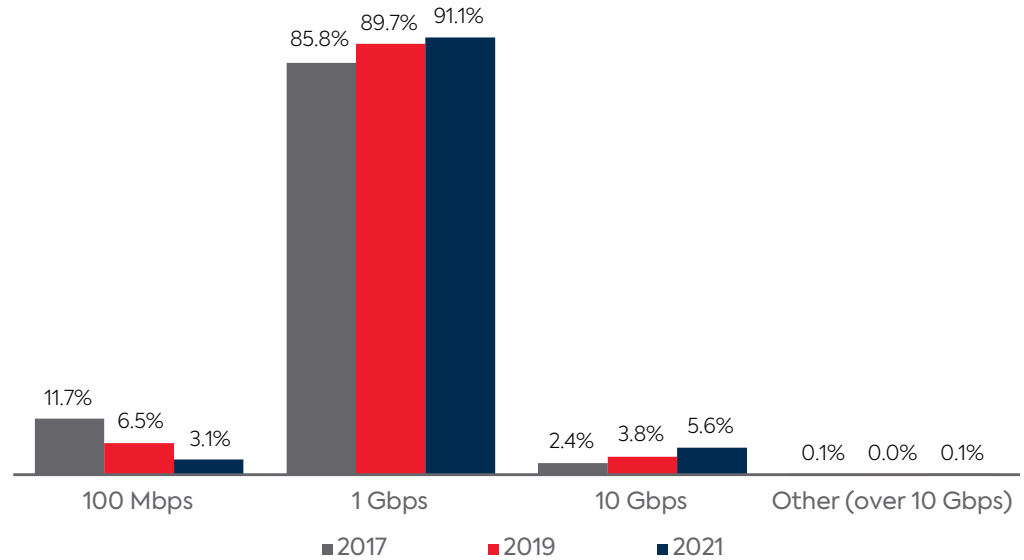


**INVENTORY
FINDINGS:
HARDWARE IN
SCHOOLS**

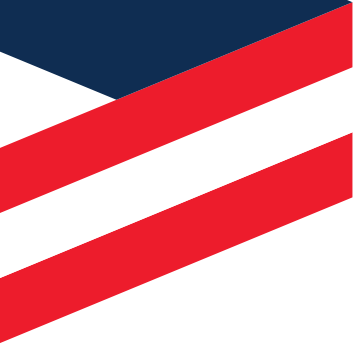
Whereas in 2015, charter schools were more likely to have very new (less than one year old) wired and wireless gear, by 2021, district schools were more likely to have newer equipment in both categories.

More than 9 out of 10 ethernet switch ports used by Utah schools (91.1%) provide burst speeds of 1 Gigabit per second (Figure 8).

**FIGURE 8
SWITCH PORTS INSTALLED IN UTAH SCHOOLS**



This number has grown slightly over the past several years, as has the share of ports providing speeds of 10 Gbps. Meanwhile, the share switches with ports that offer speeds of only 100 Mbps has declined statewide.



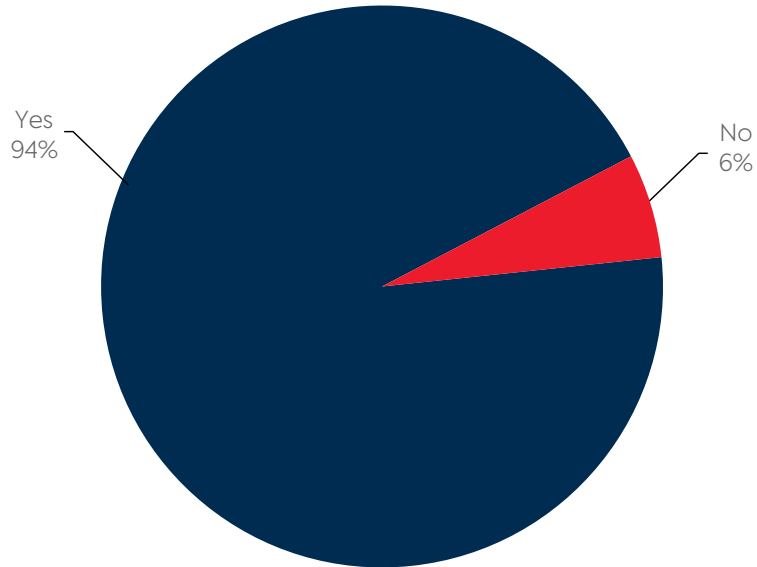
INVENTORY
FINDINGS:
STUDENT
TECHNOLOGY
ACCESS

B. STUDENT TECHNOLOGY ACCESS

Many Utah schools are taking steps to ensure that students have access to the internet and related tools beyond the school campus to facilitate homework and enable remote learning, wherever the student may be. These steps range from providing email access, content filtering, and device management solutions to the provision of remote internet access off campus.

Statewide, nearly 19 out of every 20 schools (94%) say they provide email accounts for their students' use (Figure 9).

FIGURE 9
UTAH SCHOOLS PROVIDING EMAIL ACCOUNTS TO STUDENTS



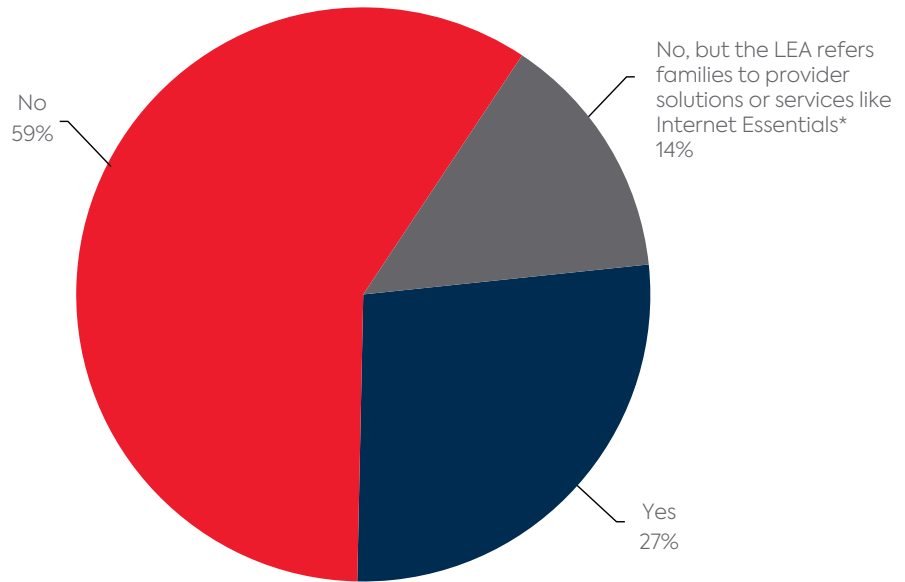
Schools that do not provide email services tend to be smaller charter schools with fewer students.



**INVENTORY
FINDINGS:
STUDENT
TECHNOLOGY
ACCESS**

For most students, the ability to access the internet at home has become essential, particularly since the onset of the COVID-19 pandemic when remote learning became a necessary lifeline for millions of students nationwide. The lack of adequate access to support learning at home has been termed the “Homework Gap,”¹ and addressing it has become a top priority for many LEAs across Utah. More than 1 in 4 LEAs (27%) report providing some sort of remote internet access tools to their students, while another 1 in 7 (14%) seek out and provide information to families about low-cost or free solutions offered by local internet service providers (Figure 10).

**FIGURE 10
LEAS PROVIDING REMOTE INTERNET ACCESS TO STUDENTS**



**LEAs could provide multiple responses to this question. Those that responded by saying “No” and also said, “No, but we refer families to provider solutions or services like Internet Essentials” are counted in this category.*

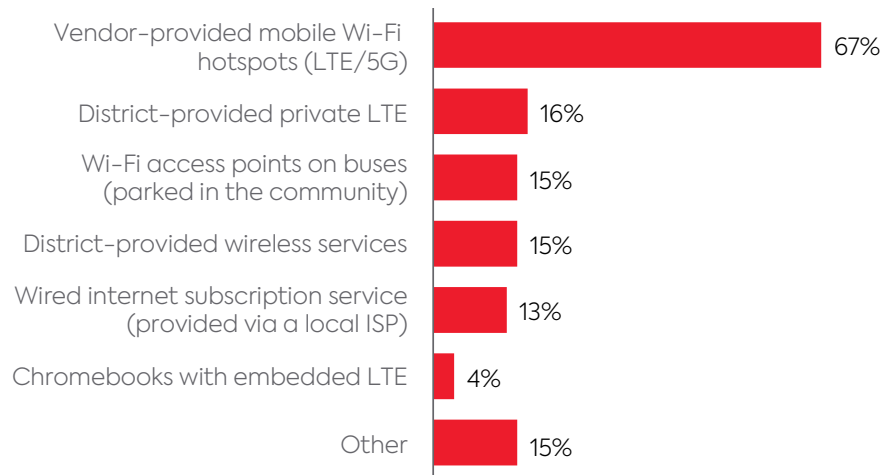
¹ “Homework Gap” refers to barriers students face when working on homework assignments without a reliable Internet connection at home and/or an internet-enabled device.
<https://www.common sense media.org/kids-action/publications/homework-gap/>



**INVENTORY
FINDINGS:
STUDENT
TECHNOLOGY
ACCESS**

LEAs that provide some form of assistance say that, on average, they assist 1 in 9 students (11%) with remote internet access solutions or services. The methods by which LEAs help students stay connected vary across the state, and some LEAs provide more than one type of service to help their students access the internet remotely (Figure 11).

**FIGURE 11
TYPES OF REMOTE INTERNET ACCESS ASSISTANCE PROVIDED BY LEAS**



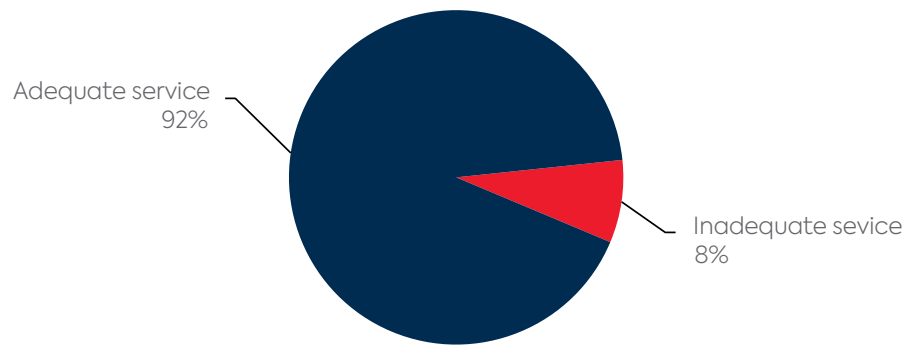
The largest share of LEAs that provide remote internet access do so by distributing mobile Wi-Fi hotspots to students in need, offering them either 5G or LTE internet connectivity through a commercial cellular carrier. Other methods include providing service via private LTE connectivity (or other fixed wireless technology), through hotspots installed on buses that are parked throughout the community, or via the purchase of subscriptions from local wireline ISPs. Fifteen percent (15%) of LEAs reported that they provide assistance by other means.



**INVENTORY
FINDINGS:
STUDENT
TECHNOLOGY
ACCESS**

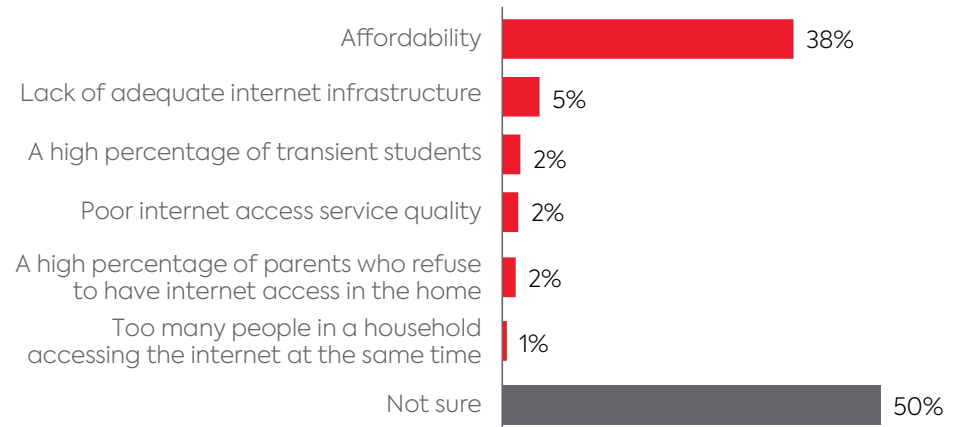
Such assistance can be vital to helping students without home access keep up with their peers who do. More than 2 out of 3 schools (68%) report that at least some of their students do not have adequate internet service at home. Utah schools estimated that an average of 8% of their enrolled students do not have adequate home internet service. This equates to more than 55,000 Utah students without adequate home internet service to support remote learning (Figure 12).

**FIGURE 12
PERCENTAGE OF UTAH STUDENTS WITHOUT
ADEQUATE HOME INTERNET SERVICE**



When asked why they believed their students were unable to access adequate internet service, one-half of schools said they were unsure, pointing to a possible lack of tools to assess the issue. Meanwhile, 38% of LEAs reported that affordability was the primary barrier, followed by inadequate internet infrastructure in the area (Figure 13).

**FIGURE 13
PRIMARY BARRIERS OF ADEQUATE HOME EDUCATIONAL
INTERNET SERVICE IN UTAH**

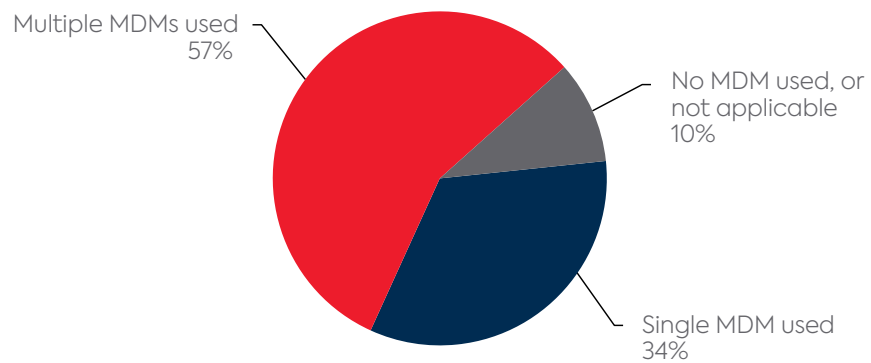




**INVENTORY
FINDINGS:
STUDENT
TECHNOLOGY
ACCESS**

To manage their students' devices, 9 out of 10 schools employ at least one type of mobile device management (MDM) solution, with 57% of schools reporting the use of multiple MDMs (Figure 14).

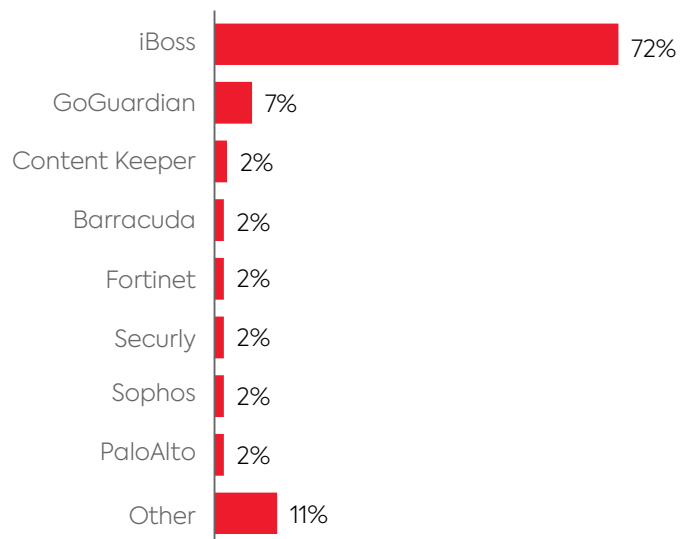
**FIGURE 14
SCHOOLS USING MOBILE DEVICE MANAGEMENT (MDM) SOLUTIONS**



The type of MDM used varies among schools, and may also vary based on the device types requiring management. Each district has its own preference, though schools in a given LEA may use different MDMs based on their unique needs.

Additionally, to help keep students safe while online, nearly 3 out of 4 LEAs report using iBoss content filtering at their schools, followed in popularity by GoGuardian tools (Figure 15). Some LEAs use multiple filtering solutions, so respondents were permitted to give more than one answer. In most cases, LEAs rely on a single content-filtering application.

**FIGURE 15
CONTENT FILTERS USED BY UTAH SCHOOLS**



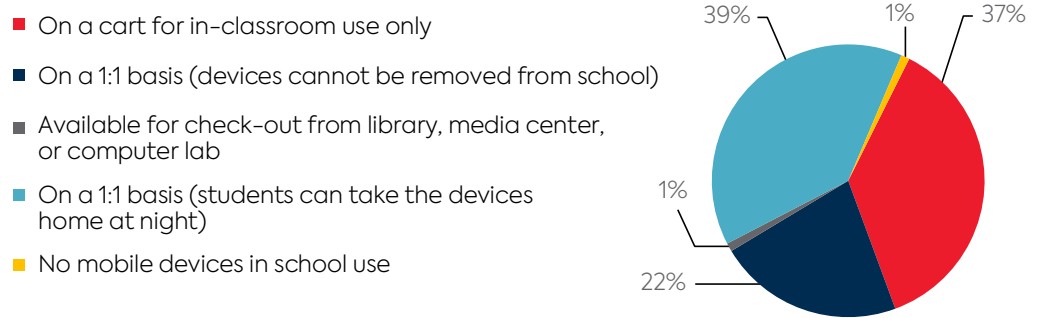


**INVENTORY FINDINGS:
MOBILE-LEARNING DEVICE DEPLOYMENT SCENARIOS**

C. MOBILE-LEARNING DEVICE DEPLOYMENT SCENARIOS

Statewide, nearly 2 out of 5 Utah schools (39%) offer mobile-learning devices on a 1:1 basis and allow students to take those devices home. This represents a dramatic increase from 2019 when only 6% of schools made this option available (Figure 16).

**FIGURE 16
MOBILE-LEARNING DEVICE DEPLOYMENT SCENARIOS IN UTAH SCHOOLS**



When compared with district schools, significantly fewer charter schools report having 1:1 device deployment policies in which students are permitted to take their devices home at night; only 25% of charter schools report having such a policy, compared with 42% of district schools.

One challenge that may inhibit effective 1:1 device deployment may be inadequate professional development and training to ensure that the devices are effectively integrated into school curricula. While more than one-half of schools (56%) say their teachers receive adequate training and professional development to integrate mobile-learning devices into classroom pedagogy, 44% say they do not. This represents only a slight improvement from 2019 when 51% of schools reported adequate professional development and training (Figure 17).

**FIGURE 17
UTAH SCHOOLS THAT REPORT ADEQUATE PROFESSIONAL DEVELOPMENT AND TRAINING RESOURCES TO EFFECTIVELY INTEGRATE THE USE OF MOBILE**



Once again, differences arise between charter and district schools, as 74% of charter schools say they have adequate support, compared with only 54% of district schools.



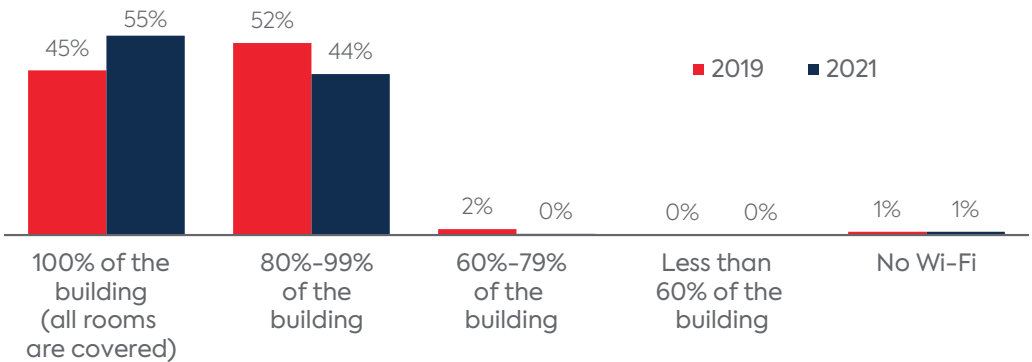
INVENTORY FINDINGS: WI-FI NETWORKS

D. WI-FI NETWORKS

Statewide, 99% of schools report having Wi-Fi connectivity in their buildings for student use. The remaining 1% are virtual schools or share wireless networks with other facilities.

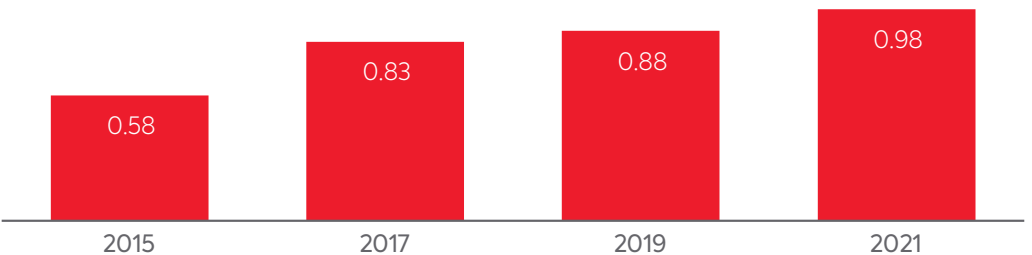
More than one-half (55%) of schools say that all educational spaces in the building have adequate Wi-Fi access, while another 44% say that 80% or more of the educational spaces have adequate Wi-Fi access (Figure 18).

FIGURE 18
AVERAGE AGE OF WIRED HARDWARE IN UTAH SCHOOLS

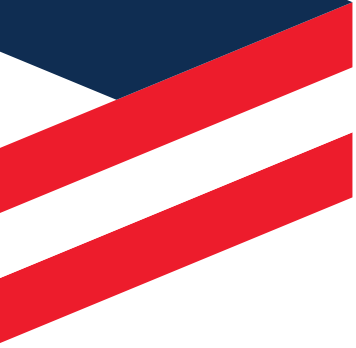


Schools across the state average 0.98 wireless access points per instructional space, up from 0.88 in 2019 (Figure 19).

FIGURE 19
WIRELESS ACCESS POINTS PER INSTRUCTIONAL SPACE



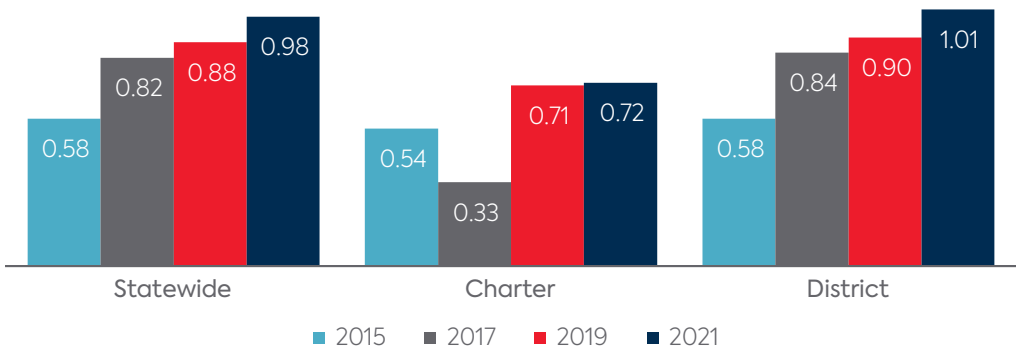
Because every school building is unique, LEAs must employ network planning and testing tools to determine, at their discretion, where Wi-Fi access points are needed to ensure ubiquitous coverage in a given building. Not every school will require the same ratio of wireless access points to instructional spaces, and in some cases, increasing this ratio may result in deteriorating service quality.



INVENTORY FINDINGS:
WI-FI NETWORKS

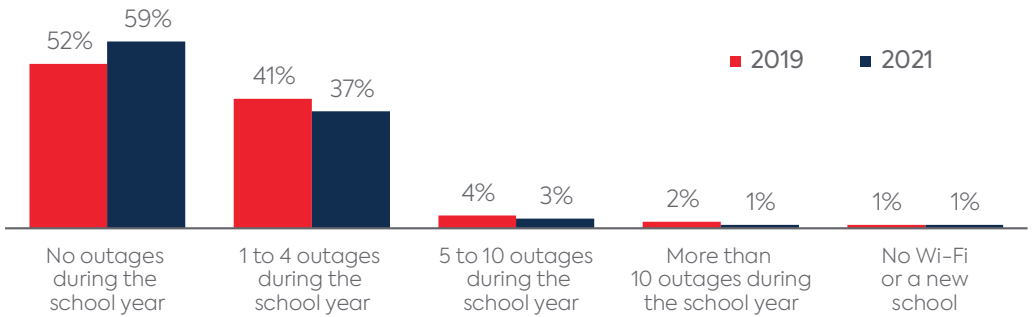
However, the upward trend in this ratio indicates that schools are increasing their wireless access point deployments as more student devices are deployed. This growth is seen in both district and charter schools (Figure 20).

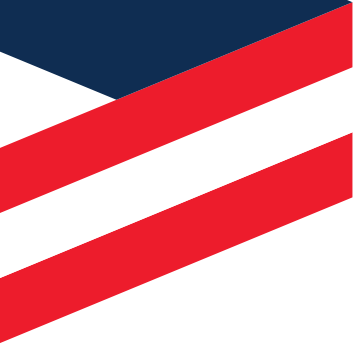
FIGURE 20
TRENDS IN WIRELESS ACCESS POINTS PER INSTRUCTIONAL SPACE



Nearly 3 out of every 5 schools (59%) reported that they had zero Wi-Fi connectivity outages in the prior school year — an improvement of seven percentage points since 2019 (Figure 21).

FIGURE 21
PERCENTAGE OF UTAH SCHOOLS REPORTING WI-FI CONNECTIVITY OUTAGES

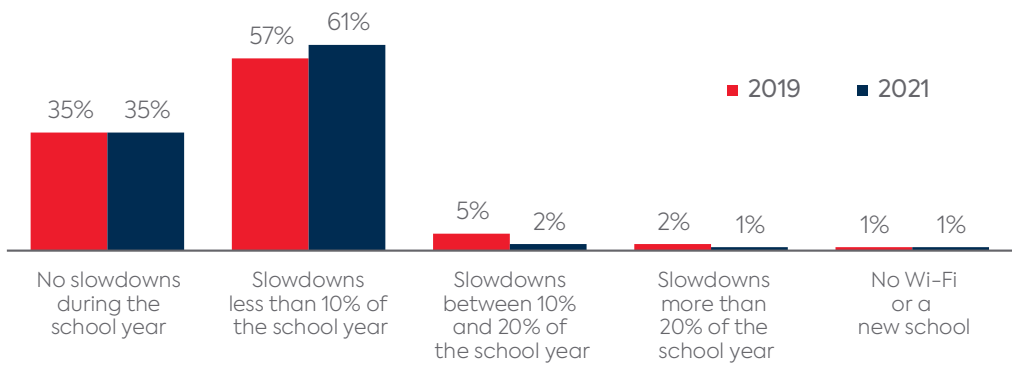




**INVENTORY FINDINGS:
WI-FI NETWORKS**

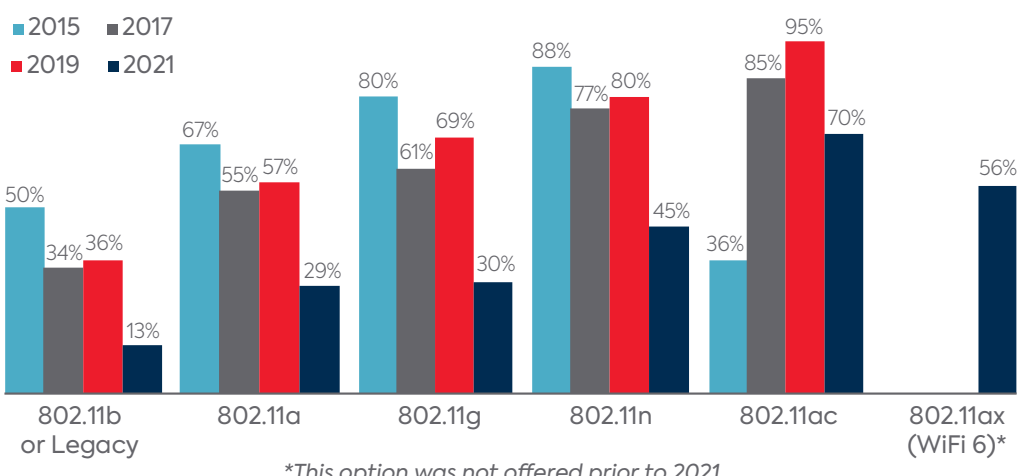
Meanwhile, slightly more than 1 in 3 schools reported that they had no significant slowdowns in their Wi-Fi service during the previous school year, while the majority of schools said they experienced slowdowns less than 10% of the time during the same period (Figure 22). This is slightly improved from 2019 figures.

**FIGURE 22
PERCENTAGE OF UTAH SCHOOLS REPORTING WI-FI CONNECTIVITY SLOWDOWNS**



The Wi-Fi service standards on access points deployed by Utah schools continue to improve. Only 13% of schools report relying on older, slower technology such as 802.11b or other legacy Wi-Fi standards, while more than one-half of schools (56%) say they are using dramatically faster 802.11ax (Wi-Fi 6) technology (Figure 23).

**FIGURE 23
TRENDS IN WI-FI STANDARDS USED IN UTAH SCHOOLS**

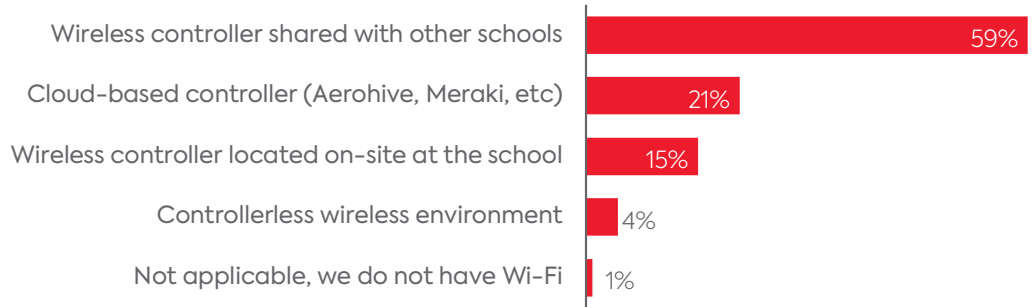




INVENTORY FINDINGS:
WI-FI NETWORKS

Nearly 3 in 5 schools (59%) share wireless controller environments with other schools (Figure 24).

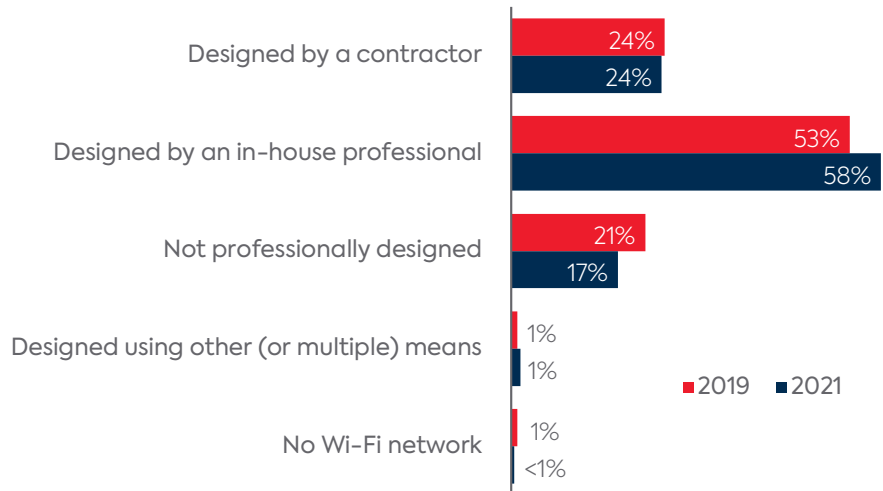
FIGURE 24
WIRELESS CONTROLLER ENVIRONMENTS IN UTAH SCHOOLS



An additional 21% use cloud-based controllers, compared with 15% that use controllers located on site at the school.

Most schools (58%) had their Wi-Fi networks designed by in-house experts. This represents a slight increase from 2019 when 53% of schools said the same (Figure 25).

FIGURE 25
HOW WI-FI NETWORKS WERE DESIGNED IN UTAH SCHOOLS



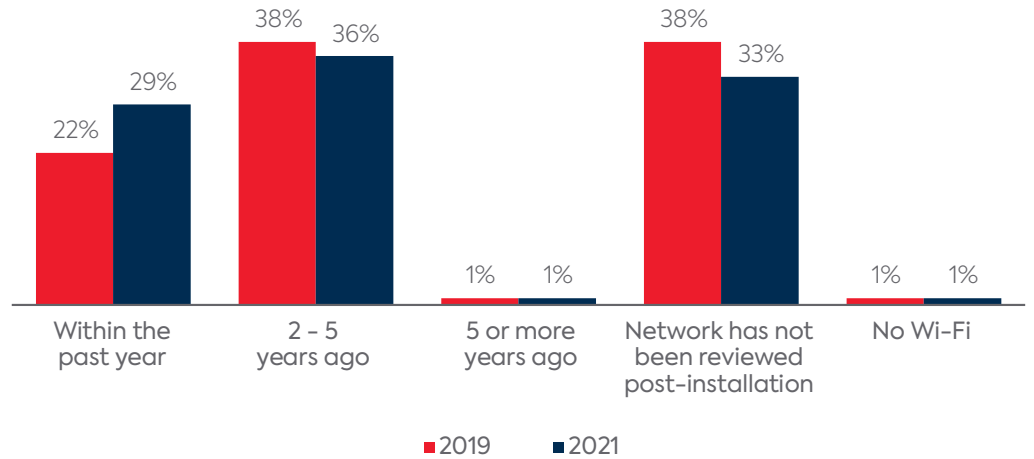
Overall, only 17% of schools said their Wi-Fi networks were not professionally engineered, down slightly from 2019 when 21% reported the same. Just 5% of charter schools report that their Wi-Fi networks were not professionally designed, while nearly 1 in 5 district schools (19%) said this was the case.



INVENTORY
FINDINGS:
WI-FI
NETWORKS

While the installation of high-quality Wi-Fi networks is important, it is equally important for these networks to be tested and maintained. Nearly 3 out of 10 schools (29%) report that their Wi-Fi networks have been reviewed within the past year, up from 2019 when only 22% of schools reported this (Figure 26).

FIGURE 26
WHEN UTAH SCHOOLS LAST HAD THEIR WI-FI NETWORKS REVIEWED



By comparison, more than one-third of schools reported that their last Wi-Fi network review occurred five or more years ago or that their network has never been reviewed. Within that group, however, may be new Wi-Fi network installations that have not yet warranted a post-installation review.



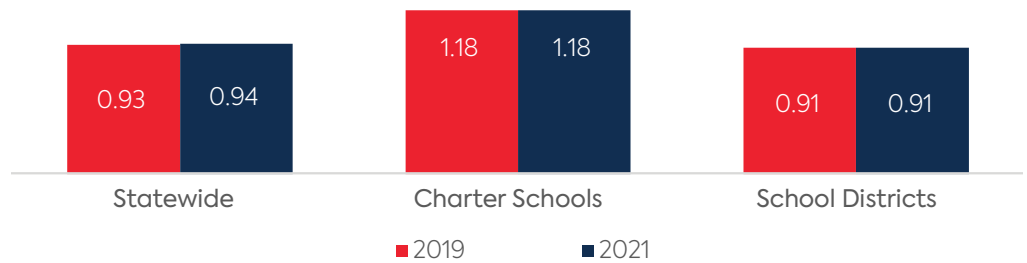
INVENTORY FINDINGS:
TECHNOLOGY SUPPORT STAFFING

E. TECHNOLOGY SUPPORT STAFFING

In 2021, Utah LEAs reported an increase in the median number of hours that staff spent per week providing technology support — a slight overall increase since 2019. These data, where possible, include all paid hours (i.e., salary, hourly, stipend, prep time, interns, or other paid positions) in the provision of technology support at both the school level and at the district or charter school administrative office. It includes those who are employed at individual schools, those who maintain computing systems districtwide, and contractor hours dedicated to providing technical support.

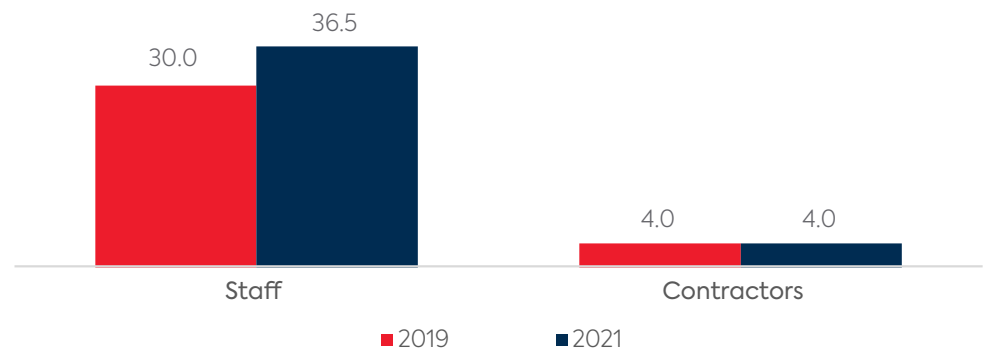
In 2021, Utah LEAs reported that they dedicated 0.94 FTE staff per 1,000 student computing devices each week, which is comparable to the ratio in 2019 (Figure 27).

FIGURE 27
TECHNICAL SUPPORT FTE PER 1,000 STUDENT DEVICES



Meanwhile, the median number of hours that LEA staff dedicated to technology support in 2021 was 36.5 per week overall, compared with only 30 in 2019 (Figure 28).

FIGURE 28
MEDIAN NUMBER OF WEEKLY HOURS DEDICATED TO TECHNOLOGY SUPPORT



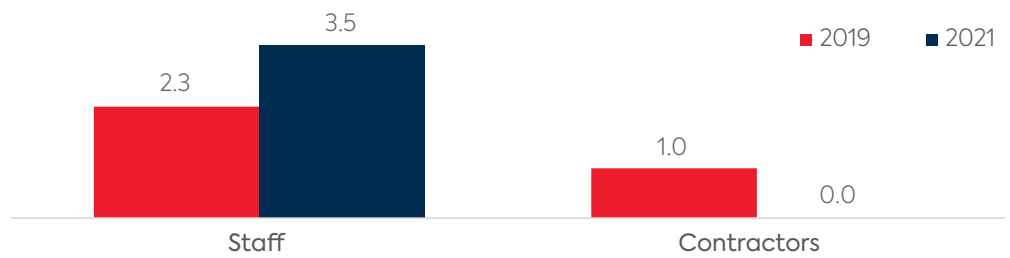


**INVENTORY
FINDINGS:
TECHNOLOGY
SUPPORT
STAFFING**

Schools tended to hire contractors for fewer support hours in 2021, just as they did in 2019.

The number of weekly hours dedicated to instructional technology support per LEA is significantly lower than the weekly hours dedicated to general technology support among both LEA staff and contractors (Figure 29).

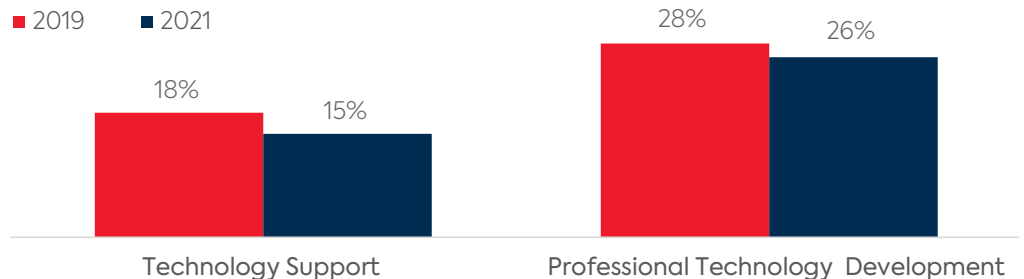
**FIGURE 29
MEDIAN NUMBER OF WEEKLY HOURS
DEDICATED TO INSTRUCTIONAL TECHNOLOGY SUPPORT**



However, the number of hours spent by LEA staff on instructional technology support has increased since 2019.

For many schools, assistance from volunteer experts is essential to the proper maintenance of their technology environments. Across Utah, 15% of schools utilized volunteers for technology support, while more than 1 in 4 (26%) report the utilization of volunteers to provide some level of professional development and training (Figure 30).

**FIGURE 30
PERCENTAGE OF UTAH SCHOOLS THAT BENEFIT
FROM VOLUNTEER TECHNOLOGY SUPPORT SERVICES**



These rates are comparable to what schools reported in 2019. Charter schools are more likely to rely on volunteer services for technology support, with 1 in 5 charter schools (20%) saying they rely on volunteers, compared with 15% of district schools.



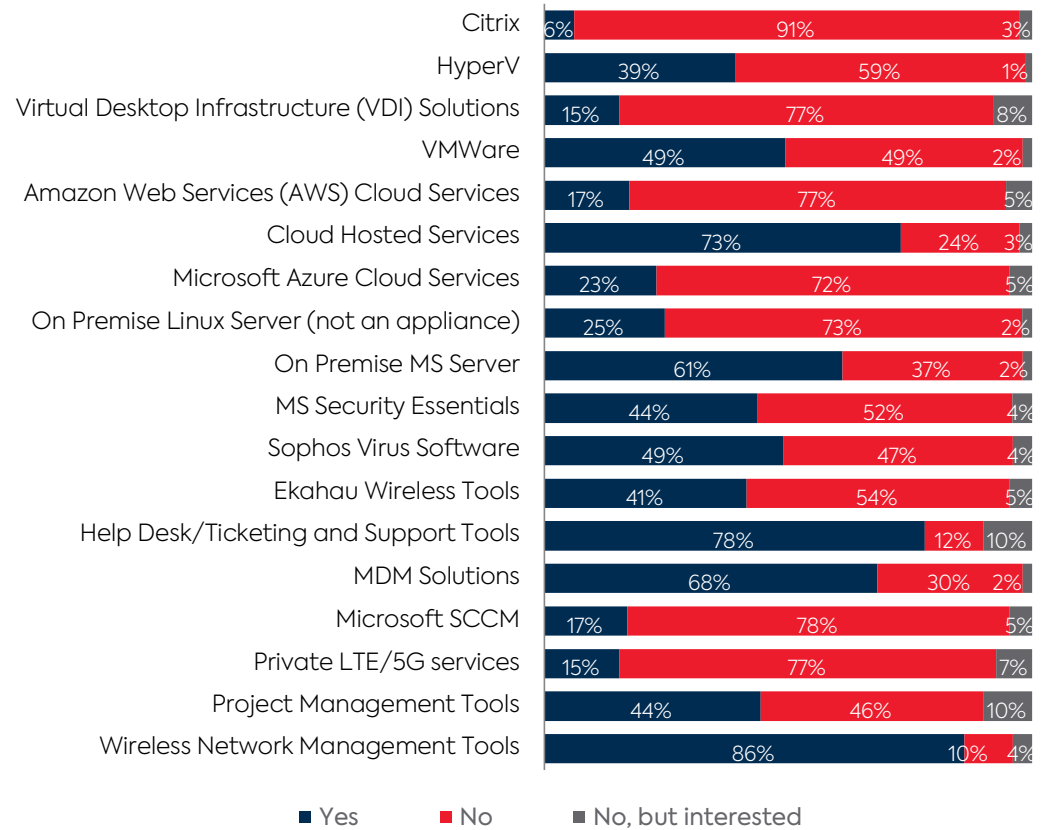
**INVENTORY FINDINGS:
EDUCATIONAL SOFTWARE & TOOLS**

F. EDUCATIONAL SOFTWARE & TOOLS

The management of a complex education technology ecosystem requires myriad software applications and tools at the administrative level within each LEA. Additionally, tech directors must constantly explore new and alternative resources that better serve educators and students.

The software and support tool most commonly in use by Utah LEAs are wireless network management tools, followed by help desk or ticketing support tools and cloud-hosted services (Figure 31).

**FIGURE 31
EDUCATIONAL SUPPORT TOOLS USED BY UTAH SCHOOLS**



Resources provided by the software company Citrix were reported as in use by the fewest LEAs. One in 10 LEAs report that they are interested in adopting help desk applications, while a similar share of LEAs say they are interested in acquiring project management tools to assist with their work.

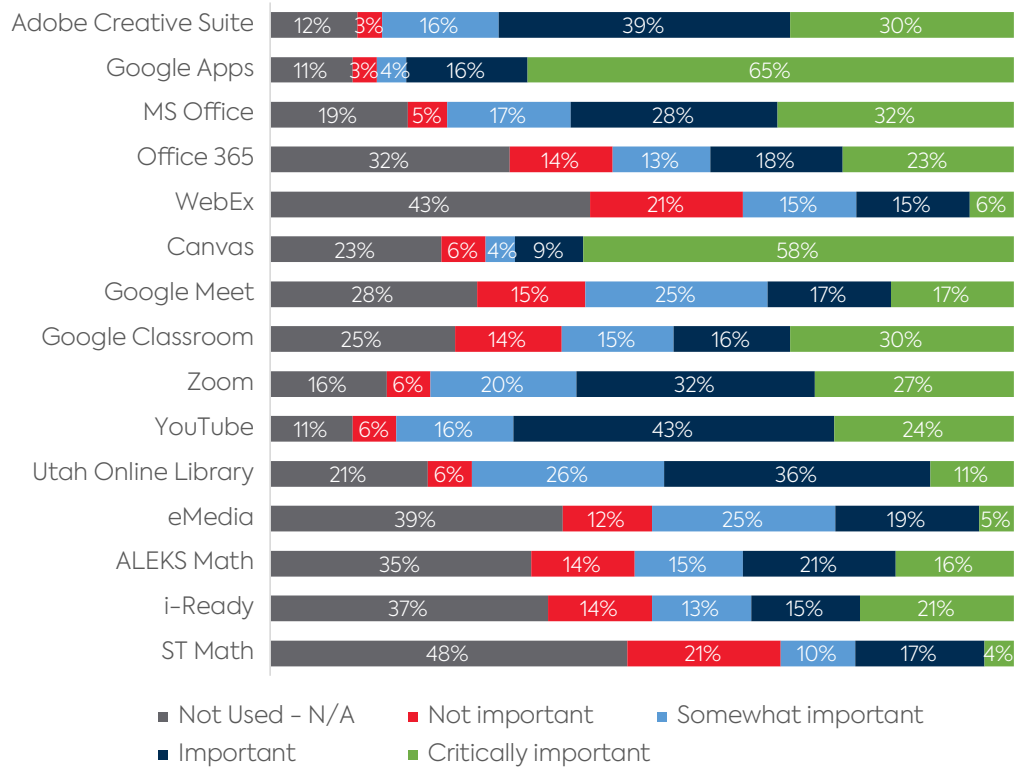


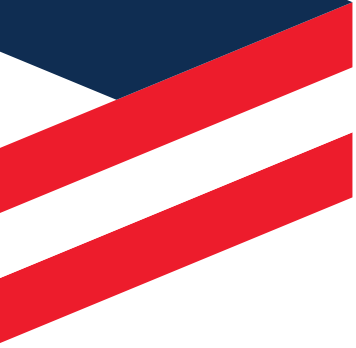
**INVENTORY FINDINGS:
EDUCATIONAL SOFTWARE & TOOLS**

In support of student learning, LEAs identified several different educational apps, tools, and software as critically important. The survey results also illustrated that their importance differs between secondary and primary school students.

For secondary school students (grades 7 to 12+), nearly 2 out of 3 LEAs say that Google Apps are critically important, while more than half (58%) say the same about Canvas (Figure 32).

**FIGURE 32
THE IMPORTANCE OF EDUCATIONAL APPS, TOOLS, AND SOFTWARE FOR SECONDARY SCHOOL STUDENTS (GRADES 7 TO 12+)**

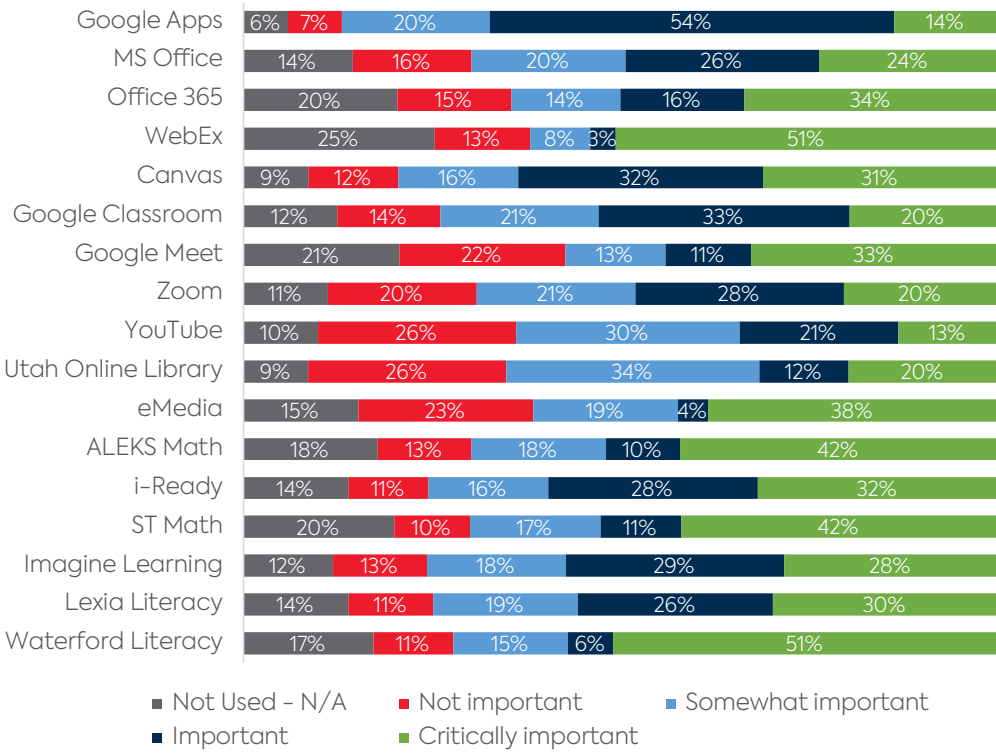




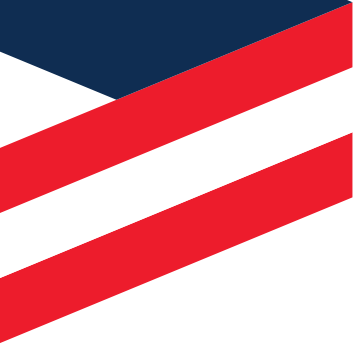
**INVENTORY FINDINGS:
EDUCATIONAL SOFTWARE & TOOLS**

Meanwhile, for primary school students (those in pre-K through grade 6), the majority of LEAs said that Waterford Literacy and WebEx are critically important, while more than 2 out of 5 (42%) said the same about ST Math (Figure 33).

**FIGURE 33
THE IMPORTANCE OF EDUCATIONAL APPS, TOOLS, AND SOFTWARE FOR PRIMARY SCHOOL STUDENTS (GRADES PRE-K TO 6)**



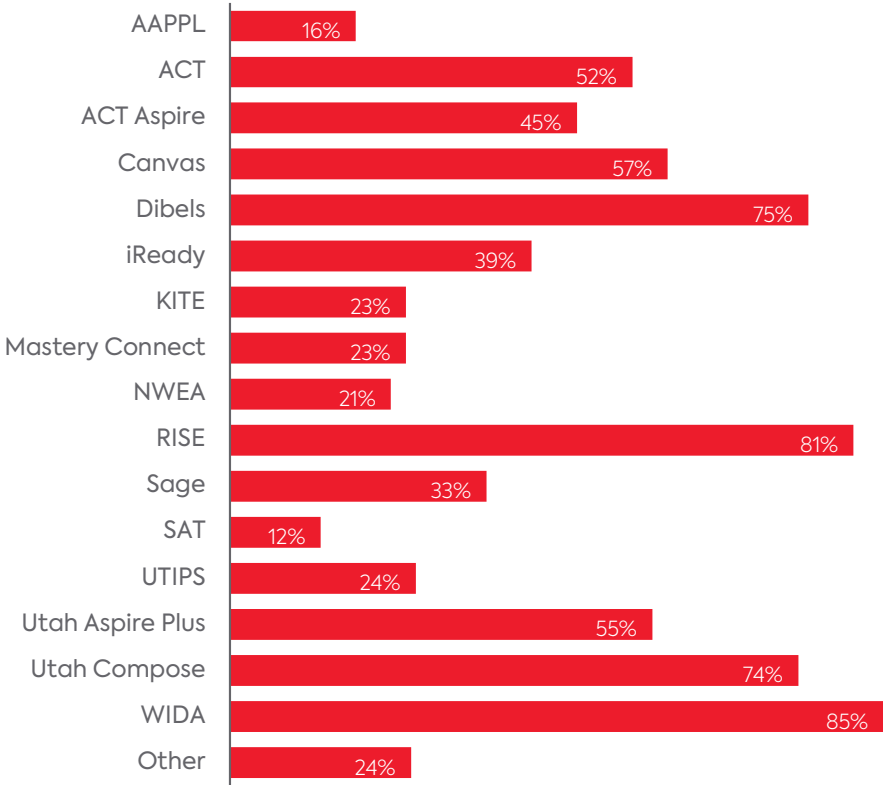
Interestingly, differences between the needs of primary school students and those in secondary school are most pronounced in their use of the WebEx app. While the largest share of LEAs said WebEx is critically important for primary school students, that same app is the most likely to be classified as “not used” or “not important” for secondary school students.



Utah LEAs also employ a variety of solutions for their assessment needs. The largest share of schools use WIDA, followed closely by RISE (Figure 34).

**INVENTORY FINDINGS:
EDUCATIONAL SOFTWARE & TOOLS**

**FIGURE 34
TOP ASSESSMENT SOLUTIONS USED BY SCHOOLS**



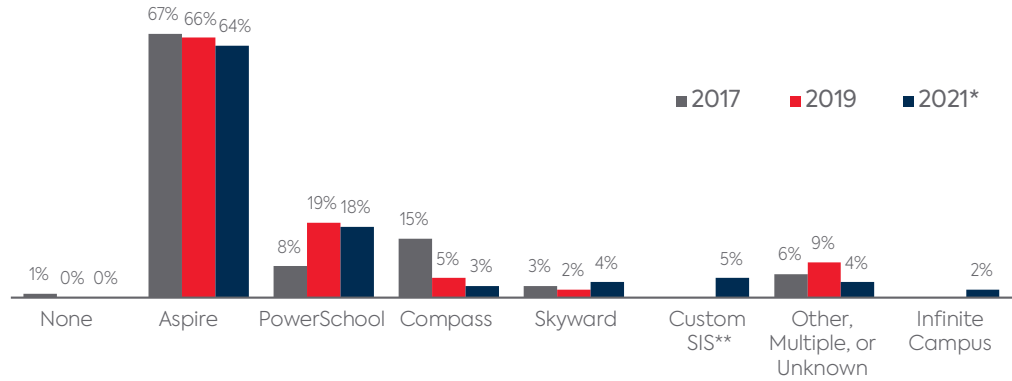
In contrast, SAT and AAPPL are used by the fewest LEAs. Because different schools may have unique assessment needs or requirements, LEAs were permitted to provide more than one answer.



INVENTORY FINDINGS:
EDUCATIONAL SOFTWARE & TOOLS

Schools also depend on student information systems (SIS) to maintain school records while protecting sensitive information. Since CN and UETN began asking about these tools in 2015, Aspire has, not surprisingly, been the top SIS choice for a significant majority of Utah LEAs (Figure 35).

FIGURE 35
STUDENT INFORMATION SYSTEMS (SIS) USED BY UTAH SCHOOLS



*This question was phrased differently in 2021 than in prior years

**In 2017 and 2019, these responses were reported among "Other, Multiple, or Unknown."

In fact, nearly 2 out of 3 LEAs say they use Aspire for their SIS. PowerSchool is the next-most-popular, used by 18% of LEAs.

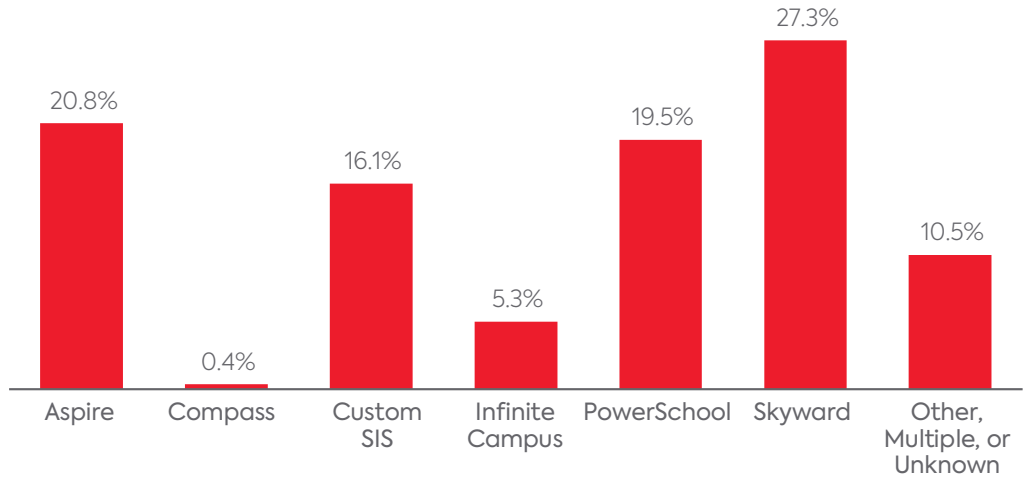
This does not necessarily mean that the majority of Utah students attend schools that use Aspire as their SIS. Other student information systems may be used by a smaller number of schools with higher enrollment numbers, which would result in a larger amount of student information being secured by a different SIS.



**INVENTORY
FINDINGS:
EDUCATIONAL
SOFTWARE &
TOOLS**

In fact, this is the case in Utah. Although only 4% of LEAs use Skyward for their SIS platform, they are some of the largest LEAs in the state, resulting in more than one-quarter of Utah students (27%) attending schools that rely on this SIS (Figure 36).

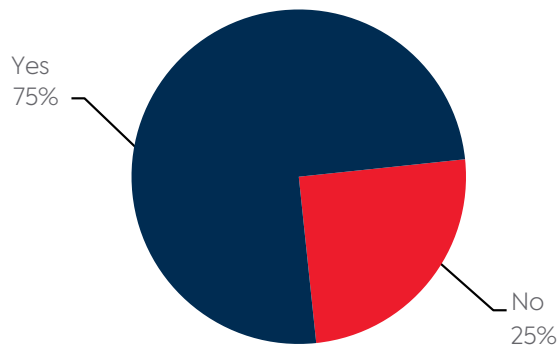
**FIGURE 36
PERCENTAGE OF STUDENTS ATTENDING SCHOOLS USING
EACH STUDENT INFORMATION SYSTEM (SIS)**



Conversely, even though more than two-thirds of LEAs use Aspire as their SIS, these tend to be smaller LEAs, resulting in only slightly more than one-fifth (21%) of students attending schools in LEAs using Aspire for their SIS.

To organize school technology information and keep track of information on their networks, many LEAs rely on Microsoft Active Directory (MAD). Three out of four LEAs (75%) report that they use MAD for both student and teacher accounts (Figure 37).

**FIGURE 37
SCHOOLS USING MICROSOFT ACTIVE DIRECTORY (MAD)**

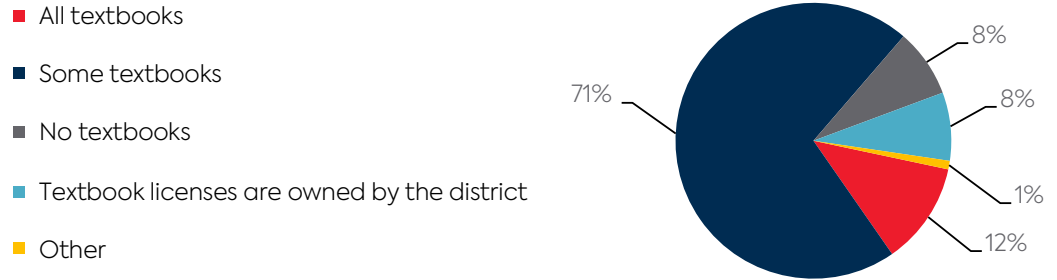




INVENTORY FINDINGS: EDUCATIONAL SOFTWARE & TOOLS

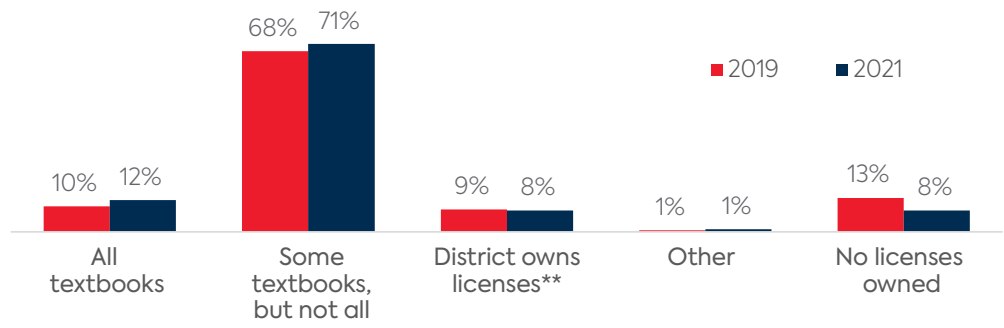
In addition to software tools that organize student and educator information, many schools are now relying on digital textbook licenses in addition to (or instead of) physical textbooks. Statewide, more than 7 out of 10 schools (71%) say they own digital licenses for at least some textbooks, while an additional 12% own digital licenses for all their textbooks (Figure 38).

**FIGURE 38
SCHOOLS OWNING DIGITAL TEXTBOOK LICENSES**



The share of schools that own digital licenses for at least some of their textbooks has increased only slightly since 2019 when CN and UETN began asking this question (Figure 39).

**FIGURE 39
TRENDS IN DIGITAL TEXTBOOK LICENSE OWNERSHIP AMONG UTAH SCHOOLS**



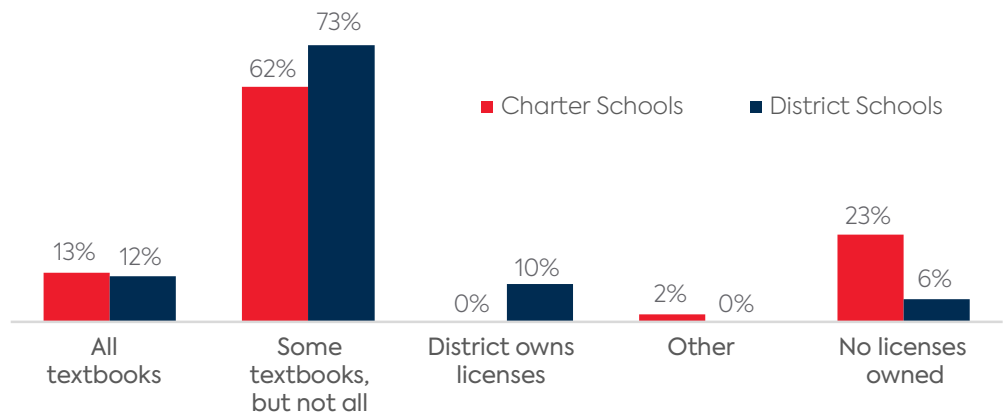
*Responses for this question were phrased differently in 2021 than in prior years.
 **In 2019, these responses were counted among "Some textbooks, but not all".



**INVENTORY
FINDINGS:
EDUCATIONAL
SOFTWARE &
TOOLS**

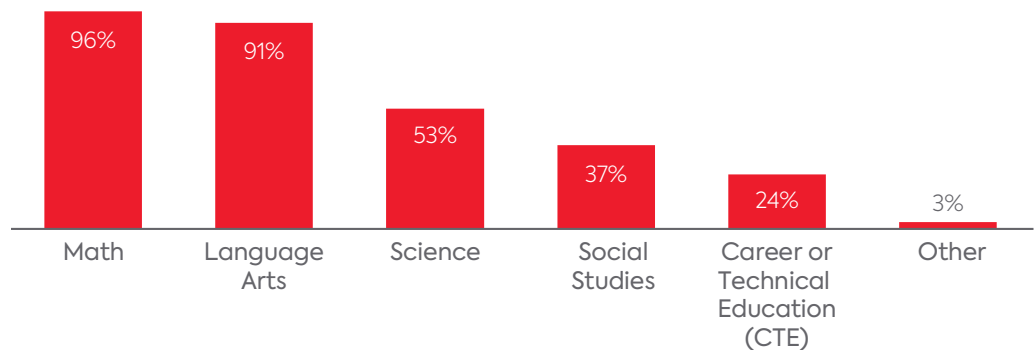
Charter schools are more likely than district schools to report they do not own any digital textbook licenses and are also less likely to own licenses for a portion of their textbooks. However, a slightly larger percentage of charter schools report owning digital licenses for all their textbooks, compared with district schools. Additionally, 10% of schools wrote a written response in the inventory indicating that their district owns digital textbook licenses (Figure 40).

**FIGURE 40
DIGITAL TEXTBOOK LICENSES AMONG CHARTER AND DISTRICT SCHOOLS**



Among schools that do not own digital textbook licenses for every subject, but own licenses for some, math and language arts are the most popular subjects for which digital licenses have been acquired, followed by science, social studies, and career or technical education (CTE) textbooks (Figure 41).

**FIGURE 41
DIGITAL TEXTBOOK LICENSES AMONG SCHOOLS THAT
DO NOT OWN LICENSES FOR EVERY SUBJECT***



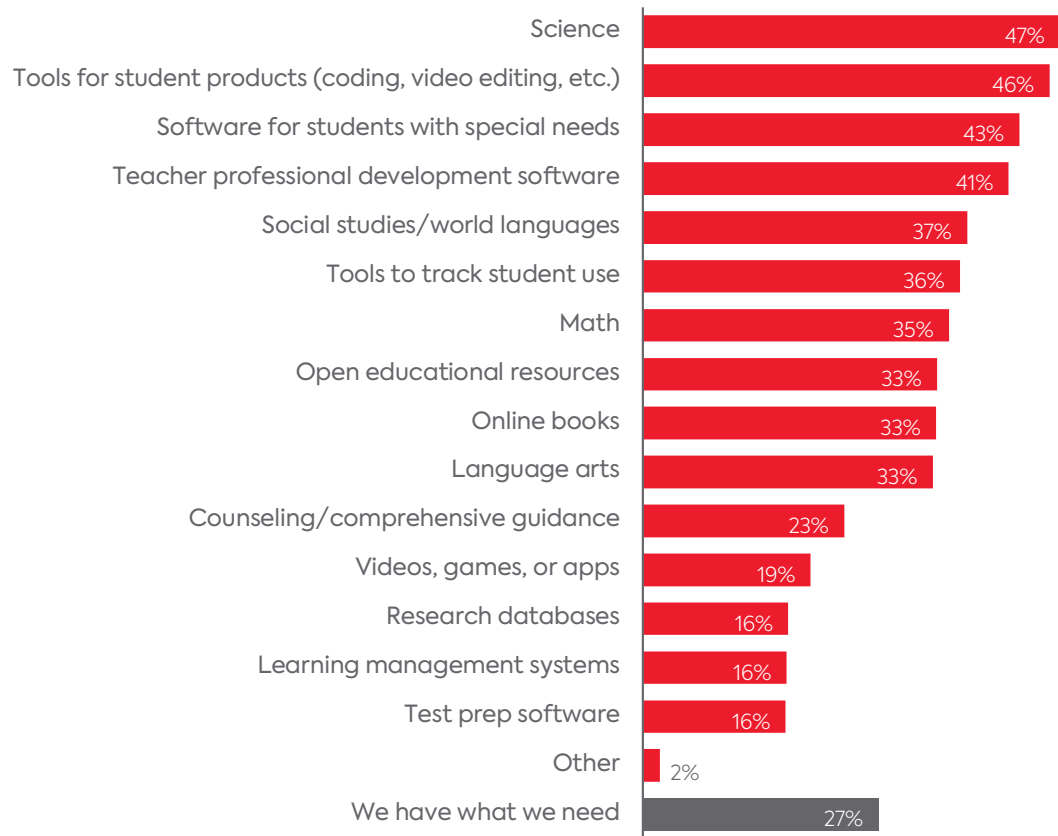
*Excludes schools that reported that they owned digital licenses for every subject textbook or responded that the question was not applicable to their current situation.



**INVENTORY
FINDINGS:
EDUCATIONAL
SOFTWARE &
TOOLS**

Many Utah schools report a need for new instructional tools or software, with science-related tools (47%) and those related to student content production, e.g., coding or video editing, (46%) being the top two identified needs. Software for students with special needs, teacher professional development software, and the subjects of social studies or language arts are also in demand. Statewide, just slightly more than one-quarter of schools (27%) report they have all of the digital instructional tools or software they need (Figure 42).

**FIGURE 42
SCHOOLS REPORTING A NEED FOR
INSTRUCTIONAL TOOLS OR SOFTWARE**

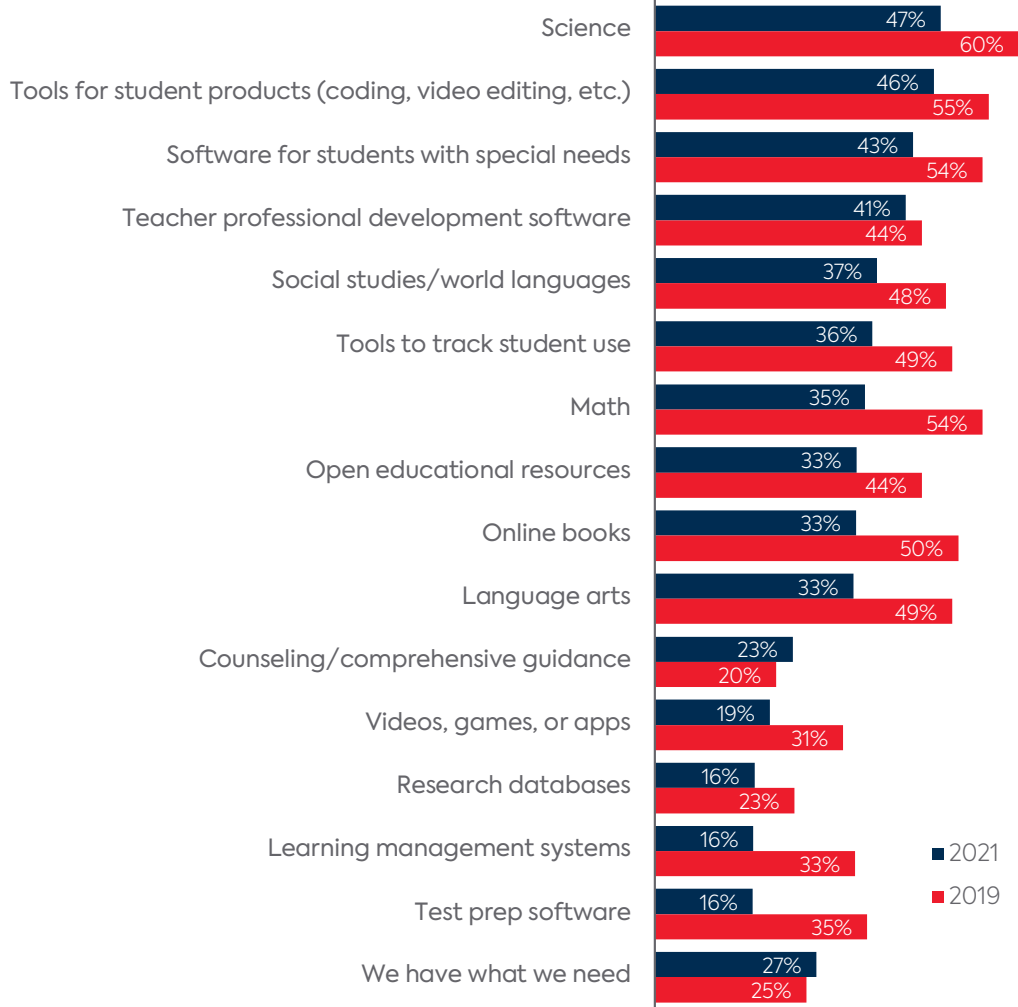




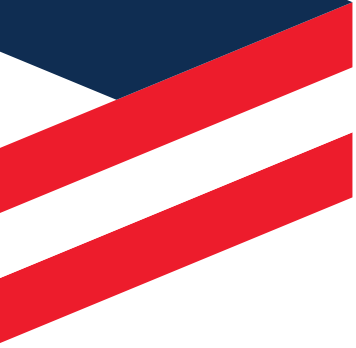
Since 2019, the need for most types of additional digital instructional tools or software has decreased overall (Figure 43).

**INVENTORY FINDINGS:
EDUCATIONAL SOFTWARE & TOOLS**

**FIGURE 43
TRENDS IN INSTRUCTIONAL TOOL OR SOFTWARE NEEDS**



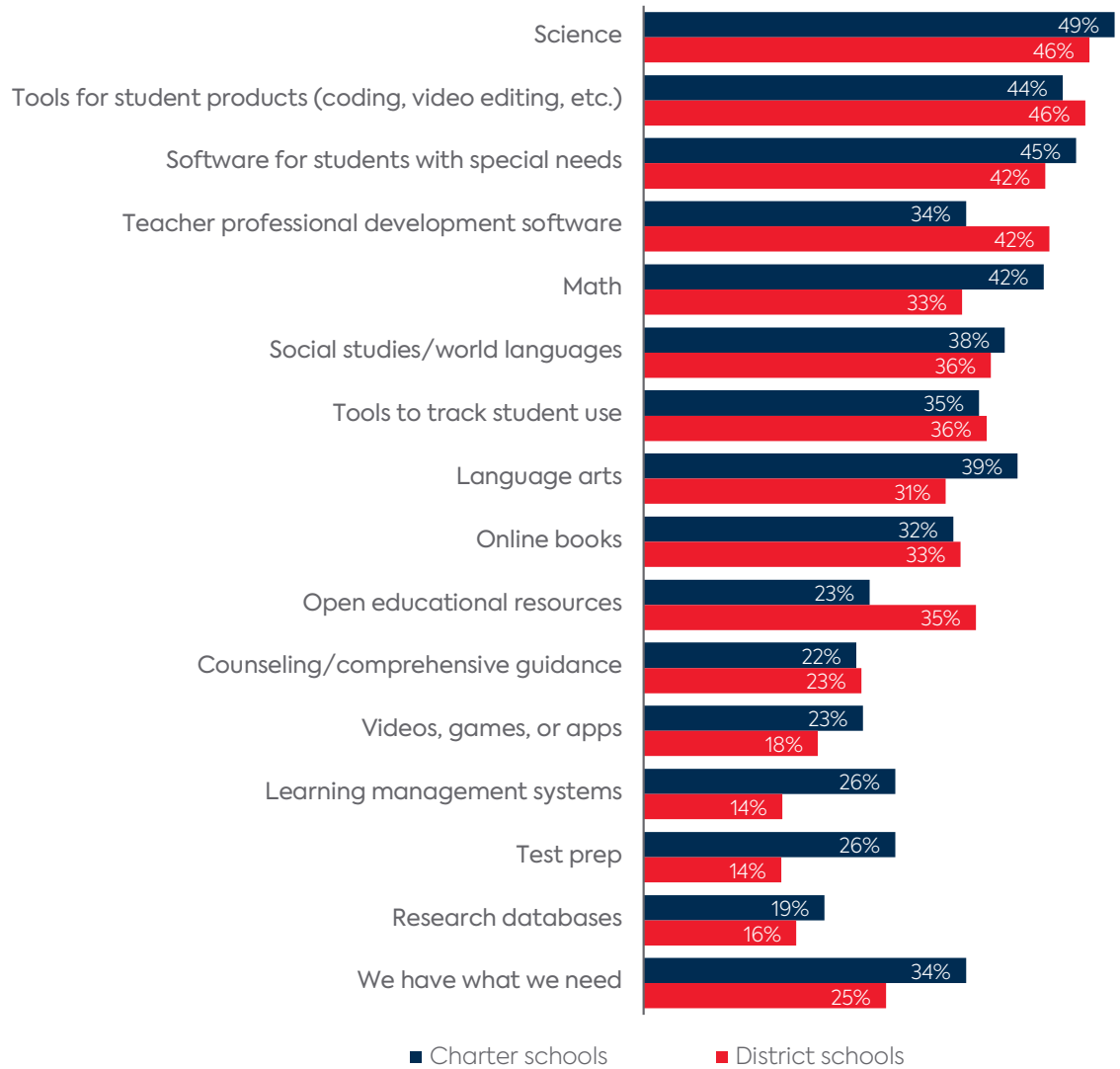
The only type of software tool for which the need has increased is software for counseling or comprehensive guidance.



**INVENTORY FINDINGS:
EDUCATIONAL SOFTWARE & TOOLS**

In 2021, charter and district schools alike report they have significant needs for new instructional tools or software, though charter schools are more likely to report they already have what they need. With that said, more charter schools report software needs in the areas of science, math, social studies or world languages, language arts, learning management, test prep, research databases, and software for students with special needs. By comparison, district schools are more likely to report needs in the areas of student content production, professional development, tools to track student device usage, online books, open educational resources, and counseling tools (Figure 44).

**FIGURE 44
INSTRUCTIONAL TOOLS OR SOFTWARE NEEDED BY
CHARTER AND DISTRICT SCHOOLS**



III. INVENTORY OVERVIEW AND METHODOLOGY



INVENTORY OVERVIEW AND METHODOLOGY

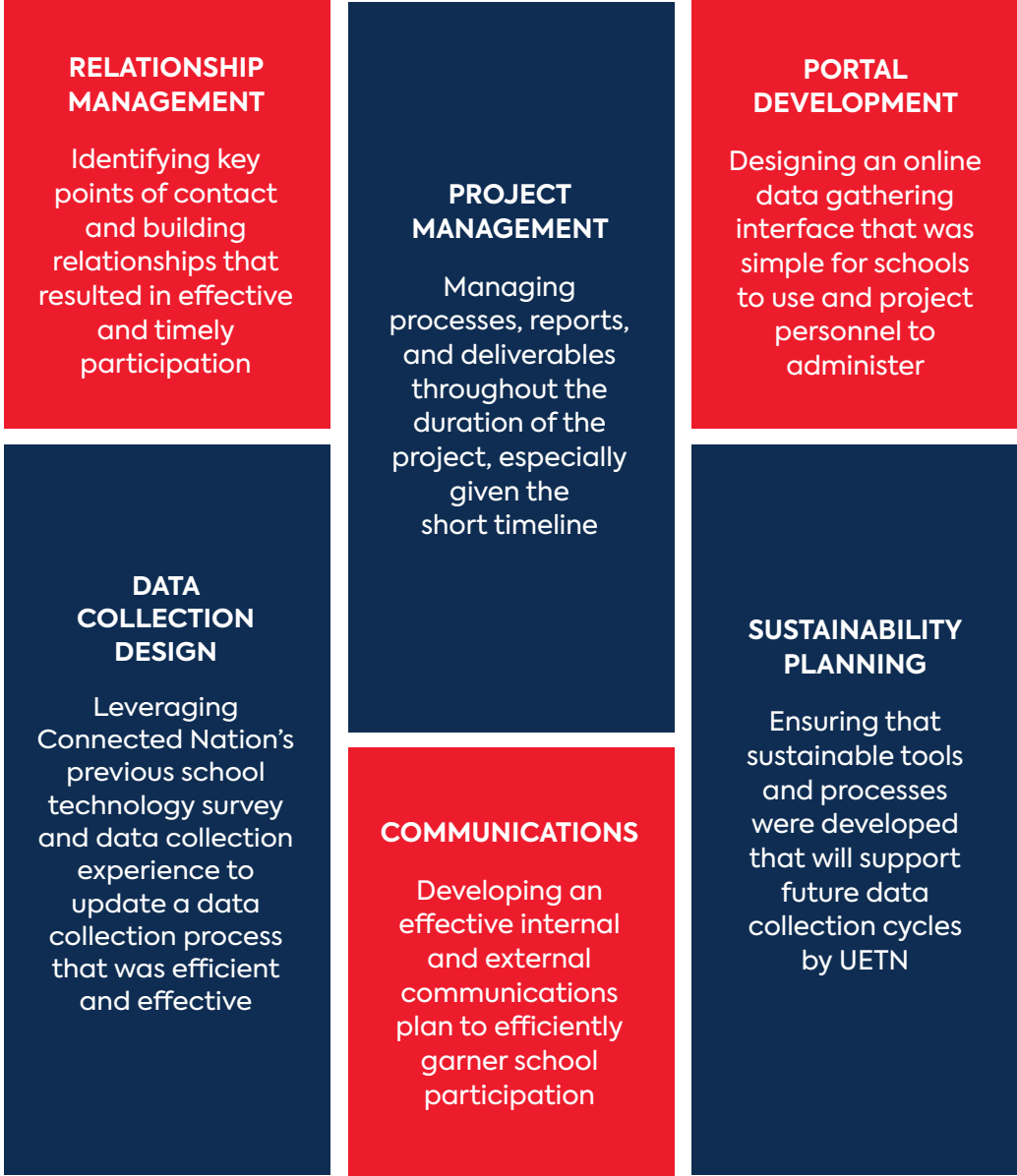
Over the past six years, CN and UETN have worked collaboratively to complete four iterations of the Utah School Technology Inventory at two-year intervals (2015, 2017, 2019, and 2021). Each iteration has yielded valuable insights on the current state of Utah’s education technology ecosystem and has served as a resource for state and local education leaders and policymakers. The robust datasets collected each project year have been made possible by the willing participation of 100% of Utah’s public charter and district schools.

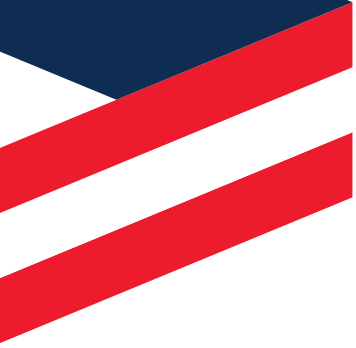
In 2015, the project was initially launched using a customized instance of the SurveyGizmo (now Alchemer) cloud-based survey application. In 2019, CN and UETN collaborated to develop and launch a new, proprietary data collection portal. The portal’s development involved months of research, focus group and survey input, and front-end/back-end systems development — all in an effort to improve and streamline the process for Utah’s LEAs, whose participation continues to be vital to the project’s success. After the 2019 inventory was complete, additional refinements were made to the portal to ensure a more user-friendly and efficient user experience for the 2021 cycle.



In 2021, CN’s project team continued to rely upon six “pillars” that have proven to be essential to project success since its inception in 2015 — from effective relationship and project management to communications and data collection design. The diagram below encapsulates these six pillars.

**INVENTORY
OVERVIEW AND
METHODOLOGY**

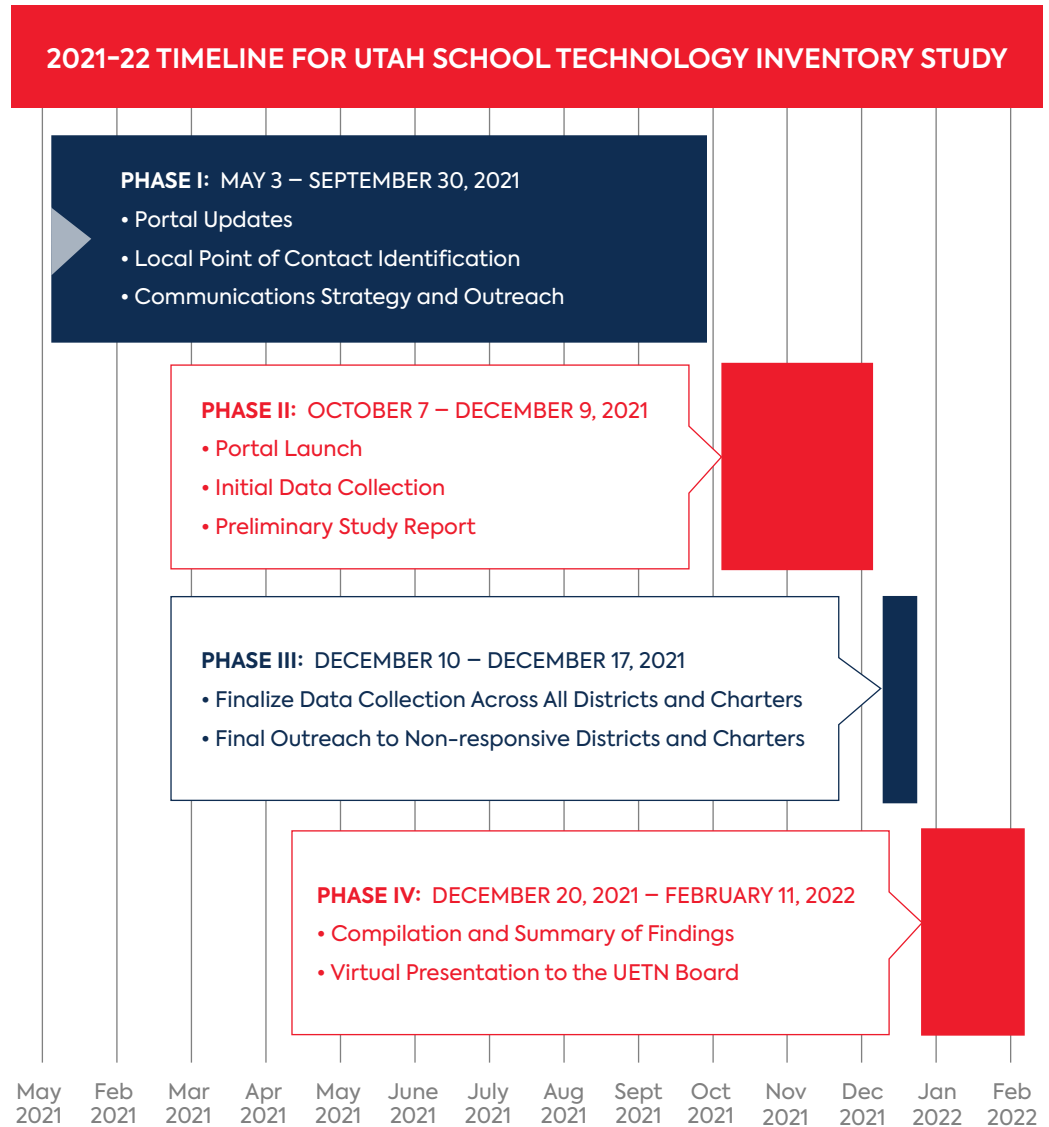




**INVENTORY
OVERVIEW AND
METHODOLOGY**

PROJECT TIMELINE

Similar to previous iterations, Connected Nation divided work into four distinct phases to reach full participation of Utah's 1,037 public schools, which serve more than 675,500 students.





METHODOLOGY IN DETAIL

CN delivered, along with this final report, a comprehensive dataset representing more than 80,000 unique points of interest, as well as an updated survey design and questionnaire, an impactful communications and outreach strategy, and a preliminary report of findings. Additionally, CN collaborated with UETN regarding updates to improve and further streamline the data collection portal that UETN houses. Each of these items is described in greater detail below.

A. SURVEY DESIGN AND PORTAL DEVELOPMENT

The first and second iterations of the inventory, in 2015 and 2017 respectively, utilized a customized iteration of the SurveyGizmo (now Alchemer) platform — an off-the-shelf, cloud-based survey application that was adapted to serve as a data collection portal. While effective, it had too many limitations to serve as a long-term solution for future inventories. In 2018 and 2019, UETN worked with Connected Nation to design, build, and launch a new data collection portal. As part of that process, CN and UETN assembled numerous stakeholders from across Utah in focus groups to identify portal functionalities that would best serve the needs of the project over the long term. After months of collaboration through online surveys and meetings, CN and UETN compiled the extremely valuable feedback and used it to guide the development of the portal that is in use today.

The redeveloped portal now provides user-friendly functions such as a “save-and-return-later” feature, as well as pre-populated data to minimize the burden on local LEAs. Other enhancements included the ability for district-level users to assign multiple user logins under the same LEA master account (allowing for the delegation of data-gathering to school-specific points of contact) and more.

The portal contains LEA-level (district or charter school-equivalent administration) data entry fields, including contact information for key personnel, number of schools administered by the entity, and aggregate enrollment and staff data, as well as questions pertaining to applications and assessment solutions that are deployed across all schools administered by the entity.

School-level profiles must also be completed for each school. Profile data entry fields consist of local contact information, a series of questions regarding wireless and wired networking gear, perceived software and technology support needs, and much more.

In preparation for the 2021 inventory, UETN and CN once again sought input from LEA users and others stakeholders. That process yielded several new portal enhancements, including:

- **Adding new questions related to home internet connectivity in response to changes instituted as a result of the pandemic**
- **Adding the ability for districts and to add/delete new schools**
- **Adding the ability for administrators to better manage user accounts**
- **Adding a reminder to the district-level inventory dashboard page to direct users to complete the district-specific inventory before the individual school inventories.**
- **Fixing various issues and bugs identified during discussions with stakeholders**
- **Adding the ability for administrators to suspend/make inactive schools that are temporarily or permanently closed**

B. OUTREACH

Ultimately, the data collected, analyzed, and reported in this document are largely thanks to the Utah educators and staff whose participation is essential to every iteration of the project's success. As one might expect, the engagement of more than 1,000 public schools requires an effective outreach and communications strategy to ensure universal participation. The timing of the data collection period itself (October–December) can be a challenge for LEAs that are undergoing end-of-semester testing and preparations for the forthcoming winter/holiday breaks. Local LEA technology staff are confronted by numerous competing priorities during this time, so effective outreach and communication is essential. UETN and CN engaged in a number of outreach activities, including social media posts, mass and personal email communication, and telephone calls when necessary to facilitate timely participation.

I. DATA COLLECTION MANAGERS

Similar to previous iterations, CN provided two Data Collection Managers to serve as inventory points of contact for the LEAs. The Data Collection Managers assigned to the 2021 inventory had

previously worked in the same capacity on the previous three iterations. In many cases, they had existing school and district relationships that had been cultivated over the years, which made one-on-one outreach easier. Each Data Collection Manager offered assistance in completing the inventory, sent reminders on deadlines and timing, provided tech support as necessary, and more. Since every LEA is unique, this level of personalized support was important — both for small schools with limited technology support staff and larger districts that had to grapple with collecting and reporting massive amounts of data.

Unlike previous iterations of the inventory, however, the Data Collection Managers did not provide on-the-ground, in-person support to the LEAs that were among the last to report this year. Due to COVID-19 pandemic constraints, and the fact that most LEA points of contact were intimately familiar with the inventory and its requirements, data was successfully collected despite the lack of on-the-ground support.

II. COMMUNICATIONS EFFORTS

Beyond one-on-one support, UETN and CN developed a communications plan to promote and supplement the ongoing data-collection outreach process. The strategies employed included:

Internal & External Conference Calls and Webinars

Through frequent internal touch points between Connected Nation and UETN, from the project's earliest stages until its conclusion, clear and consistent internal communication remained a priority and necessity. CN and UETN also hosted two external informational webinars regarding the data collection portal, which allowed school and district points of contact who were unfamiliar with the process to learn how to use the application and ask questions regarding the information being collected.

External Communications

In order to increase visibility of the project, CN and UETN promoted the Utah School Technology Inventory across multiple media communications platforms including: UETN's "News and Notables" page through www.uen.org, as well as via Facebook, Twitter, and other communications channels.

**INVENTORY
OVERVIEW AND
METHODOLOGY**

Additionally, CN’s communications team worked with UETN to produce impact stories about Utah school districts that have benefited from inventory project. CN interviewed teachers, students, and technology administrators from districts across Utah, then authored technology impact articles to tell their stories. Each article included photos and news/notables for publishing across various channels, including the CN and UETN websites and social media. More information can be found at <https://www.uen.org/schooltech>.

Date	School District	Title	Publication or Organization	Link to Story
10/7/21	N/A	Collecting inventory: Utah Education Network tracks technology in classrooms	Utah Education Network	https://connectednation.org/blog/2021/10/07/collecting-inventory-utah-education-network-tracks-technology-in-classrooms/
11/9/21	Washington County	How technology is improving the effectiveness, efficiency, and equity of education within the Washington County School District	Utah Education Network	https://connectednation.org/blog/2021/11/09/how-technology-is-improving-the-effectiveness-efficiency-and-equity-of-education-within-the-washington-county-school-district/
12/17/21	Morgan County	Flipping the classroom: How the Morgan School District went from low tech to high tech	Utah Education Network	https://connectednation.org/blog/2021/12/17/flipping-the-classroom-how-the-morgan-school-district-went-from-low-tech-to-high-tech/
2/1/22	Kayne County	Kane School District Impact Story	Utah Education Network	https://connectednation.org/blog/2022/02/01/a-new-way-of-learning-how-the-kane-school-district-leveraged-technology-inside-and-outside-the-classroom/

To read the full stories from this series, see Appendix G.

IV. CONCLUSION



CONCLUSION

The massive role that technology plays in modern society — including public education — is indisputable. But the COVID-19 pandemic has exacerbated the need for anytime, anywhere learning, which is made possible only through the ubiquitous deployment of technology, along with the policies, procedures, training, and support necessary to ensure its effective use. At the outset of the pandemic, no longer were students learning in school buildings, but rather from home over online connections. Without a way to connect to their classes and teachers, students remain at a significant risk of being left behind by their peers.

If the ongoing pandemic has a silver lining, it is that policymakers at all levels of government have come to understand that universal access to technology and internet connectivity is essential. While many technology-related challenges faced by schools preceded the pandemic (as illustrated by previous iterations of the inventory), the pandemic has amplified the need to respond to these challenges urgently. Fortunately, federal and state policymakers have acted to make an unprecedented investment in education technology — through the passage of the CARES Act, the American Rescue Plan Act, and other funding vehicles. In Utah, leaders have long prioritized data-driven decision-making, including this inventory, which exists to identify areas of need so that digital teaching and learning resources can be directed where they are needed most.

CONCLUSION

The 2021 technology inventory illustrates that state and local leaders are indeed directing resources to ensure that students can learn anytime, anywhere. A significant increase in the percentage of schools implementing 1:1 device programs, particularly ones in which devices are permitted to go home with students, is one of this year's most notable findings — along with a new focus on ensuring that home connectivity is available to support remote learning.

While the deployment of education technology across Utah continues to advance, an increased reliance upon that technology to support improved learning outcomes means that needs will persist but evolve over time. It remains the goal of CN and UETN through this project to assess those needs, and by doing so, ensure that Utah's public education system continues to deliver a world-class learning environment for students in every corner of the state.

V. APPENDICES



APPENDIX A:
SENATE BILL 277



1 **PERSONALIZED LEARNING AND TEACHING AMENDMENTS**

2 2016 GENERAL SESSION

3 STATE OF UTAH

4 **Chief Sponsor: John Knotwell**

5 Senate Sponsor: J. Stuart Adams

7 **LONG TITLE**

8 **General Description:**

9 This bill creates the Digital Teaching and Learning Grant Program.

10 **Highlighted Provisions:**

11 This bill:

12 ▶ enacts Title 53A, Chapter 1, Part 14, Digital Teaching and Learning Grant Program,
13 including provisions related to the following:

- 14 • definitions;
- 15 • the digital teaching and learning master plan;
- 16 • readiness assessments;
- 17 • State Board of Education duties and LEA plan requirements;
- 18 • implementation assessments and board interventions; and
- 19 • procurement;

20 ▶ sunsets the Smart School Technology Program;

21 ▶ repeals language related to a whole-school one-to-one mobile device technology
22 deployment plan; and

- 23 ▶ makes technical and conforming corrections.

24 **Money Appropriated in this Bill:**

25 This bill appropriates:

26 ▶ to the State Board of Education -- Minimum School Program -- Related to Basic
27 School Program -- Digital Teaching and Learning Program, as a one-time
28 appropriation:

- 29 • from the Education Fund, \$220,000;

30 ▶ to the State Board of Education -- Minimum School Program -- Related to Basic
31 School Program -- Digital Teaching and Learning Program, as an ongoing
32 appropriation:

33 • from the Education Fund, \$9,840,000;

34 ▶ to the State Board of Education -- Minimum School Program -- Related to Basic
35 School Program -- Digital Teaching and Learning Program, as a one-time
36 appropriation:

37 • from the Education Fund, \$3,780,000;

38 ▶ to the Utah Education and Telehealth Network -- Digital Teaching and Learning
39 Program, as an ongoing appropriation:

40 • from the Education Fund, \$160,000; and

41 ▶ to the Utah Education and Telehealth Network -- Digital Teaching and Learning
42 Program, as a one-time appropriation:

43 • from the Education Fund, \$1,000,000.

44 **Other Special Clauses:**

45 None

46 **Utah Code Sections Affected:**

47 AMENDS:

48 **63I-2-253**, as last amended by Laws of Utah 2015, Chapters 258, 418, and 456

49 **63I-2-263**, as last amended by Laws of Utah 2015, Chapters 182, 258, 283, 292, and
50 297

51 ENACTS:

52 **53A-1-1401**, Utah Code Annotated 1953

53 **53A-1-1402**, Utah Code Annotated 1953

54 **53A-1-1404**, Utah Code Annotated 1953

55 **53A-1-1405**, Utah Code Annotated 1953

56 **53A-1-1406**, Utah Code Annotated 1953

57 **53A-1-1407**, Utah Code Annotated 1953

58 RENUMBERS AND AMENDS:

59 [53A-1-1403](#), (Renumbered from 53A-1-710, as enacted by Laws of Utah 2015, Chapter
60 446)

61 **Utah Code Sections Affected by Coordination Clause:**

62 [53A-1-1402](#), Utah Code Annotated 1953

63 [53A-1-1403](#), Utah Code Annotated 1953

64 [53A-1-1405](#), Utah Code Annotated 1953



66 *Be it enacted by the Legislature of the state of Utah:*

67 Section 1. Section **53A-1-1401** is enacted to read:

68 **Part 14. Digital Teaching and Learning Grant Program**

69 **53A-1-1401. Title.**

70 This part is known as "Digital Teaching and Learning Grant Program."

71 Section 2. Section **53A-1-1402** is enacted to read:

72 **53A-1-1402. Definitions.**

73 As used in this part:

74 (1) "Advisory committee" means the committee established by the board under Section
75 [53A-1-1406](#).

76 (2) "Board" means the State Board of Education.

77 (3) "Digital readiness assessment" means an assessment provided by the board that:

78 (a) is completed by an LEA analyzing an LEA's readiness to incorporate

79 comprehensive digital teaching and learning; and

80 (b) informs the preparation of an LEA's plan for incorporating comprehensive digital
81 teaching and learning.

82 (4) "High quality professional learning" means the professional learning standards
83 described in Section [53A-3-701](#).

84 (5) "Implementation assessment" means an assessment that analyzes an LEA's
85 implementation of an LEA plan, including identifying areas for improvement, obstacles to

86 implementation, progress toward the achievement of stated goals, and recommendations going
 87 forward.

88 (6) "LEA plan" means an LEA's plan to implement a digital teaching and learning
 89 program that meets the requirements of this section and requirements set forth by the board and
 90 the advisory committee.

91 (7) "Local education agency" or "LEA" means:

92 (a) a school district;

93 (b) a charter school; or

94 (c) the Utah Schools for the Deaf and the Blind.

95 (8) "Program" means the Digital Teaching and Learning Grant Program established in
 96 this part and as described in a proposal adopted by the digital teaching and learning task force
 97 in accordance with Section [53A-1-1403](#).

98 (9) "Utah Education and Telehealth Network" or "UETN" means the Utah Education
 99 and Telehealth Network created in Section [53B-17-105](#).

100 Section 3. Section **53A-1-1403**, which is renumbered from Section 53A-1-710 is
 101 renumbered and amended to read:

102 **[53A-1-710]. 53A-1-1403. Digital teaching and learning program task**
 103 **force -- Funding proposal for a program -- Master plan -- Reporting requirements.**

104 ~~[(1) As used in this section:]~~

105 ~~[(a) "Board" means the State Board of Education.]~~

106 ~~[(b) "Core subject areas" means the following subject areas:]~~

107 ~~[(i) English language arts;]~~

108 ~~[(ii) mathematics;]~~

109 ~~[(iii) science; and]~~

110 ~~[(iv) social studies.]~~

111 ~~[(c) "High quality professional learning" means the professional learning standards~~
 112 ~~described in Section [53A-3-701](#).]~~

113 ~~[(d) "LEA plan" means an LEA's plan to implement a digital teaching and learning~~

114 program that meets requirements set by the board.]

115 [~~(e)~~ "Local education agency" or "LEA" means:]

116 [~~(i)~~ a school district;]

117 [~~(ii)~~ a charter school; or]

118 [~~(iii)~~ the Utah Schools for the Deaf and the Blind.]

119 [~~(f)~~ "Statewide assessment" means a test of student achievement in English language
120 arts, mathematics, or science, including a test administered in a computer adaptive format,
121 which is administered statewide under Part 6, Achievement Tests.]

122 [~~(g)~~ "Utah Education and Telehealth Network" or "UETN" means the Utah Education
123 and Telehealth Network created in Section ~~53B-17-105~~.]

124 [~~(2)~~] (1) (a) The board shall establish a digital teaching and learning task force to
125 develop a funding proposal to present to the Legislature for digital teaching and learning in
126 elementary and secondary schools.

127 (b) The digital teaching and learning task force shall include representatives of:

128 (i) the board;

129 (ii) UETN;

130 (iii) LEAs; and

131 (iv) the Governor's Education Excellence Commission.

132 [~~(3)~~] (2) (a) The board, in consultation with the digital teaching and learning task force
133 created in Subsection [~~(2)~~] (1), shall create a funding proposal for a statewide digital teaching
134 and learning program designed to:

135 (i) improve student outcomes through the use of digital teaching and learning
136 technology; and

137 (ii) provide high quality professional learning for educators to improve student
138 outcomes through the use of digital teaching and learning technology.

139 (b) The board shall:

140 (i) identify outcome based metrics to measure student achievement related to a digital
141 teaching and learning program; and

142 (ii) develop minimum benchmark standards for student achievement and school level
143 outcomes to measure successful implementation of a digital teaching and learning program.

144 [~~4~~] (3) As funding allows, the board shall develop a master plan for a statewide
145 digital teaching and learning program, including the following:

146 (a) a statement of purpose that describes the objectives or goals the board will
147 accomplish by implementing a digital teaching and learning program;

148 (b) a forecast for fundamental components needed to implement a digital teaching and
149 learning program, including a forecast for:

150 (i) student and teacher devices;

151 (ii) Wi-Fi and wireless compatible technology;

152 (iii) curriculum software;

153 (iv) assessment solutions;

154 (v) technical support;

155 (vi) change management of LEAs;

156 (vii) high quality professional learning;

157 (viii) Internet delivery and capacity; and

158 (ix) security and privacy of users;

159 (c) a determination of the requirements for:

160 (i) statewide technology infrastructure; and

161 (ii) local LEA technology infrastructure;

162 (d) standards for high quality professional learning related to implementing and
163 maintaining a digital teaching and learning program;

164 (e) a statewide technical support plan that will guide the implementation and
165 maintenance of a digital teaching and learning program, including standards and competency
166 requirements for technical support personnel;

167 (f) (i) a grant program for LEAs; or

168 (ii) a distribution formula to fund LEA digital teaching and learning programs;

169 (g) in consultation with UETN, an inventory of the state public education system's

170 current technology resources and other items and a plan to integrate those resources into a
171 digital teaching and learning program;

172 (h) an ongoing evaluation process that is overseen by the board;

173 (i) proposed rules that incorporate the principles of the master plan into the state's
174 public education system as a whole; and

175 (j) a plan to ensure long-term sustainability that:

176 (i) accounts for the financial impacts of a digital teaching and learning program; and

177 (ii) facilitates the redirection of LEA savings that arise from implementing a digital
178 teaching and learning program.

179 [~~(5)~~] (4) UETN shall:

180 (a) in consultation with the board, conduct an inventory of the state public education
181 system's current technology resources and other items as determined by UETN, including
182 software;

183 (b) perform an engineering study to determine the technology infrastructure needs of
184 the public education system to implement a digital teaching and learning program, including
185 the infrastructure needed for the board, UETN, and LEAs; and

186 (c) as funding allows, provide infrastructure and technology support for school districts
187 and charter schools.

188 [~~(6)~~] (5) On or before December 1, 2015, the board and UETN shall present the
189 funding proposal for a statewide digital teaching and learning program described in Subsection
190 [~~(3)~~] (2) to the Education Interim Committee and the Executive Appropriations Committee,
191 including:

192 (a) the board's progress on the development of a master plan described in Subsection
193 [~~(4)~~] (3); and

194 (b) the progress of UETN on the inventory and study described in Subsection [~~(5)~~] (4).

195 Section 4. Section **53A-1-1404** is enacted to read:

196 **53A-1-1404. Readiness assessments.**

197 Beginning July 1, 2016, and ending July 1, 2021, each LEA, including each school

198 within an LEA, shall annually complete a digital readiness assessment.

199 Section 5. Section **53A-1-1405** is enacted to read:

200 **53A-1-1405. Digital Teaching and Learning Grant Program -- Board duties --**
201 **Advisory committee -- LEA plan requirements.**

202 (1) There is created the Digital Teaching and Learning Grant Program to improve
203 educational outcomes in public schools by effectively incorporating comprehensive digital
204 teaching and learning technology.

205 (2) The board shall:

206 (a) in accordance with Title 63G, Chapter 3, Utah Administrative Rulemaking Act,
207 adopt rules for the administration of the program, including rules requiring:

208 (i) an LEA plan to include measures to ensure that the LEA monitors and implements
209 technology with best practices, including the recommended use for effectiveness;

210 (ii) an LEA plan to include robust goals for learning outcomes and appropriate
211 measurements of goal achievement;

212 (iii) an LEA to demonstrate that the LEA plan can be fully funded by grant funds or a
213 combination of grant and local funds; and

214 (iv) an LEA to report on funds from expenses previous to the implementation of the
215 LEA plan that the LEA has redirected after implementation;

216 (b) establish an advisory committee to make recommendations on the program and
217 LEA plan requirements and report to the board; and

218 (c) in accordance with this part, approve LEA plans and award grants.

219 (3) (a) The board shall, subject to legislative appropriations, award a grant to an LEA:

220 (i) that submits an LEA plan that meets the requirements described in Subsection (4);

221 and

222 (ii) for which the LEA's leadership and management members have completed a digital
223 teaching and learning leadership and implementation training as provided in Subsection (3)(b).

224 (b) The board or its designee shall provide the training described in Subsection

225 (3)(a)(ii).

- 226 (4) The board shall establish requirements of an LEA plan that shall include:
227 (a) the results of the LEA's digital readiness assessment and a proposal to remedy an
228 obstacle to implementation or other issues identified in the assessment;
229 (b) a proposal to provide high quality professional learning for educators in the use of
230 digital teaching and learning technology;
231 (c) a proposal for leadership training and management restructuring, if necessary, for
232 successful implementation;
233 (d) clearly identified targets for improved student achievement, student learning, and
234 college readiness through digital teaching and learning; and
235 (e) any other requirement established by the board in rule in accordance with Title
236 63G, Chapter 3, Utah Administrative Rulemaking Act, including an application process and
237 metrics to analyze the quality of a proposed LEA plan.
238 (5) The board or the board's designee shall establish an interactive dashboard available
239 to each LEA that is awarded a grant for the LEA to track and report the LEA's long-term,
240 intermediate, and direct outcomes in realtime and for the LEA to use to create customized
241 reports.
242 (6) (a) There is no federal funding, federal requirement, federal education agreement,
243 or national program included or related to this state adopted program.
244 (b) Any inclusion of federal funding, federal requirement, federal education agreement,
245 or national program shall require separate express approval as provided in Title 53A, Chapter
246 1, Part 9, Implementing Federal or National Education Program Act.
247 Section 6. Section **53A-1-1406** is enacted to read:
248 **53A-1-1406. Implementation assessment -- Board intervention.**
249 (1) (a) An LEA that receives a grant as provided in Section [53A-1-1405](#) shall:
250 (i) subject to Subsection (1)(b), complete an implementation assessment for each year
251 that the LEA is expending grant money; and
252 (ii) (A) report the findings of the implementation assessment to the board; and
253 (B) submit to the board a plan to resolve issues raised in the implementation

254 assessment.

255 (b) Each school within the LEA shall:

256 (i) complete an implementation assessment; and

257 (ii) submit a compilation report that meets the requirements described in Subsections

258 (1)(a)(ii)(A) and (B).

259 (2) The board or the board's designee shall review an implementation assessment and

260 review each participating LEA's progress from the previous year, as applicable.

261 (3) The board shall establish interventions for an LEA that does not make progress on

262 implementation of the LEA's implementation plan, including:

263 (a) nonrenewal of, or time period extensions for, the LEA's grant;

264 (b) reduction of funds; or

265 (c) other interventions to assist the LEA.

266 Section 7. Section **53A-1-1407** is enacted to read:

267 **53A-1-1407. Procurement -- Independent evaluator.**

268 (1) In accordance with Title 63G, Chapter 6a, Utah Procurement Code, the board shall

269 contract with an independent evaluator to:

270 (a) annually evaluate statewide direct and intermediate outcomes beginning the first

271 year that grants are awarded, including baseline data collection for long-term outcomes;

272 (b) in the fourth year after a grant is awarded, and each year thereafter, evaluate

273 statewide long-term outcomes; and

274 (c) report on the information described in Subsections (1)(a) and (b) to the board.

275 (2) (a) To implement an LEA plan, a contract, in accordance with Title 63G, Chapter

276 6a, Utah Procurement Code, or other agreement with one or more providers of technology

277 powered learning solutions and one or more providers of wireless networking solutions may be

278 entered into by:

279 (i) UETN, in cooperation with or on behalf of, as applicable, the board, the board's

280 designee, or an LEA; or

281 (ii) an LEA.

282 (b) A contract or agreement entered into under Subsection (2)(a) may be a contract or
283 agreement which:

284 (i) UETN enters into with a provider and payment for services is directly appropriated
285 by the Legislature, as funds are available, to UETN;

286 (ii) UETN enters into with a provider and pays for the provider's services and is
287 reimbursed for payments by an LEA that benefits from the services;

288 (iii) UETN negotiates the terms of on behalf of an LEA that enters into the contract or
289 agreement directly with the provider and the LEA pays directly for the provider's services; or

290 (iv) an LEA enters into directly, pays a provider, and receives preapproved
291 reimbursement from a UETN fund established for this purpose.

292 (c) If an LEA does not reimburse UETN in a reasonable time for services received
293 under a contract or agreement described in Subsection (2)(b), the board shall pay the balance
294 due to UETN from the LEA's funds received under Chapter 17a, Part 1, Minimum School
295 Program.

296 (d) If UETN negotiates or enters into an agreement as described in Subsection (2)(b)(ii)
297 or (2)(b)(iii), and UETN enters into an additional agreement with an LEA that is associated
298 with the agreement described in Subsection (2)(b)(ii) or (2)(b)(iii), the associated agreement
299 may be treated by UETN and the LEA as a cooperative procurement, as that term is defined in
300 Section [63G-6a-103](#), regardless of whether the associated agreement satisfies the requirements
301 of Section [63G-6a-2105](#).

302 Section 8. Section **63I-2-253** is amended to read:

303 **63I-2-253. Repeal dates -- Titles 53, 53A, and 53B.**

304 (1) Section [53A-1-403.5](#) is repealed July 1, 2017.

305 (2) Subsection [53A-1-410\(5\)](#) is repealed July 1, 2015.

306 (3) Section [53A-1-411](#) is repealed July 1, 2017.

307 (4) Section [53A-1a-513.5](#) is repealed July 1, 2017.

308 (5) Section [53A-1-709](#) is repealed July 1, 2020.

309 [~~5~~] (6) Title 53A, Chapter 1a, Part 10, UPSTART, is repealed July 1, 2019.

310 ~~[(6)]~~ (7) Title 53A, Chapter 8a, Part 8, Peer Assistance and Review Pilot Program, is
311 repealed July 1, 2017.

312 Section 9. Section **63I-2-263** is amended to read:

313 **63I-2-263. Repeal dates, Title 63A to Title 63N.**

314 (1) Section **63A-5-104.1** is repealed on January 1, 2016.

315 (2) Section **63C-9-501.1** is repealed on July 1, 2015.

316 (3) Title 63C, Chapter 15, Prison Relocation Commission, is repealed on January 1,
317 2016.

318 (4) Subsection **63N-3-103(1)(d)** is repealed on July 1, 2015.

319 (5) Subsection 63N-3-109(2)(f)(i)(B) is repealed July 1, 2020.

320 (6) Section 63N-3-110 is repealed July 1, 2020.

321 ~~[(5)]~~ (7) Subsection **63N-12-208(3)** is repealed on January 1, 2016.

322 Section 10. **Appropriation.**

323 Under the terms and conditions of Title 63J, Chapter 1, Budgetary Procedures Act, for
324 the fiscal year beginning July 1, 2015, and ending June 30, 2016, the following sums of money
325 are appropriated from resources not otherwise appropriated, or reduced from amounts
326 previously appropriated, out of the funds or amounts indicated. These sums of money are in
327 addition to amounts previously appropriated for fiscal year 2016.

328 To State Board of Education -- Minimum School Program -- Related to Basic School
329 Program -- Digital Teaching and Learning Program

330 From Education Fund, One-time \$220,000

331 Schedule of Programs:

332 Digital Teaching and Learning Program \$220,000

333 The Legislature intends that:

334 (1) the State Board of Education use \$220,000 of the appropriation under this section
335 to administer and evaluate the program, provide professional development and other assistance
336 to LEAs, and contract with third party providers to assist with the administration of the
337 program as described in Title 53A, Chapter 1, Part 14, Digital Teaching and Learning Grant

338 Program; and
339 (2) under Section 63J-1-603, the appropriations described in this section not lapse at
340 the close of fiscal year 2016.

341 Section 11. **Appropriation.**

342 Under the terms and conditions of Title 63J, Chapter 1, Budgetary Procedures Act, for
343 the fiscal year beginning July 1, 2016, and ending June 30, 2017, the following sums of money
344 are appropriated from resources not otherwise appropriated, or reduced from amounts
345 previously appropriated, out of the funds or amounts indicated. These sums of money are in
346 addition to amounts previously appropriated for fiscal year 2017.

347 Item 1 To State Board of Education -- Minimum School Program -- Related to Basic
348 School Program -- Digital Teaching and Learning Program

349 From Education Fund \$9,840,000
350 From Education Fund, One-time \$3,780,000

351 Schedule of Programs:

352 Digital Teaching and Learning Program \$13,620,000

353 Item 2 To Utah Education and Telehealth Network -- Digital Teaching and Learning
354 Program

355 From Education Fund \$160,000
356 From Education Fund, One-time \$1,000,000

357 Schedule of Programs:

358 Digital Teaching and Learning Program \$1,160,000

359 The Legislature intends that:

360 (1) except as provided in Subsection (2) or (3), the State Board of Education use the
361 appropriation to the State Board of Education under this section to distribute money to LEAs as
362 part of the grant program described in Title 53A, Chapter 1, Part 14, Digital Teaching and
363 Learning Grant Program;

364 (2) the State Board of Education may use up to \$187,600 of the ongoing appropriation
365 to the State Board of Education to administer and evaluate the program, and provide other

366 assistance to LEAs;

367 (3) the State Board of Education may use up to \$780,000 of the one-time appropriation
368 to the State Board of Education to administer and evaluate the program, provide professional
369 development, and contract with third party providers to assist with the administration of the
370 program as described in Title 53A, Chapter 1, Part 14, Digital Teaching and Learning Grant
371 Program;

372 (4) the Utah Education and Telehealth Network may use up to \$160,000 of the ongoing
373 appropriation to the Utah Education and Telehealth Network to administer the program;

374 (5) the Utah Education and Telehealth Network use the \$1,000,000 one-time
375 appropriation to the Utah Education and Telehealth Network for infrastructure and other
376 technology for LEAs; and

377 (6) under Section [63J-1-603](#), the appropriations described in this section:

378 (a) not lapse at the close of fiscal year 2017; and

379 (b) may be used in fiscal year 2018, 2019, or 2020.

APPENDIX B: INVENTORY QUESTIONS



Inventory Program Questions 2021

1. Survey Number
2. School District of Local Education Agency (LEA) Name:
3. NCES District ID Number:
4. Primary Point of Contact Details:
5. How many total hours are dedicated to providing **technical support per week?** This question is to assess paid for technical support services, please include all paid hours (salary, hourly, stipend, prep time, interns, etc.) for those providing this support service for schools and or the district office (for example - you have three full time 40 hours a week and one part time 20 hours a week technical professional employed by the LEA, your total hours to report would be 140 hours per week for the LEA Employees. You also have a contract with a local vendor for an additional 10 hours a week for network support, your total hours to report would be 10 hours per week for Non-LEA contracted work).
 - LEA Employees - number of hours per week on average:
 - Non-LEA Contracted Work - hours per week on average:

6. How many total hours are dedicated to providing **instructional technology support (professional development, coaching/mentoring for teachers, etc.) per week?** This question is to assess paid for instructional technology support services, please include all paid hours (salary, hourly, stipend, prep time, interns, etc.) for those providing this support service for schools and or the district office (for example - you have three full time 40 hours a week and one part time 20 hours a week technology integration professional employed by the LEA, your total hours to report would be 140 hours per week for the LEA Employees. You also have a contract with a local vendor for an additional 10 hours a week for providing teacher professional development, your total hours to report would be 10 hours per week for Non-LEA contracted work).
 - LEA Employees - number of hours per week on average:
 - Non-LEA Contracted Work - hours per week on average:

3. On a scale from 1 (“Not Important”) to 4 (“Critically Important”), how essential for enhancing digital teaching and learning in the classroom are the following applications, tools and instructional resources for preK-6 grades schools/students?

1 - not important 2 - somewhat important 3 - important 4 - critically important N/A - is not utilized, or no preK-6 grades

MS Office	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Office 365	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Google Apps for education	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ALEKS Mah	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Imagine Learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
i-Ready	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lexia Literacy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ST Math	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Waterford Literacy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Canvas	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Google Classroom	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Utah Online Library	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
YouTube	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
eMedia	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
WebEx	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Zoom	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Google Meet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

5. Does the district use the following tools and resources to support educational services?

	Yes	No	No, BUT interested
VMWare	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Citrix	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
HyperV	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
On Premise Linux Server (not an appliance)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
On Premise MS Server	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sophos Virus Software	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MS Security Essentials	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Amazon Web Services (AWS) Cloud Services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Microsoft Azure Cloud Services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ekahau Wireless Tools	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Virtual Desktop Infrastructure (VDI) Solutions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Private LTE/5G services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MDM Solutions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cloud Hosted Services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wireless Network Management Tools	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Help Desk/Ticketing and Support Tools	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Project Management Tools	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Microsoft SCCM	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

6. What other technology tools and/or resources do you need to be successful in supporting educational technology for your district?

7. What are the top assessment solutions that are currently in use in your district?

RISE
NWEA
UTIPS
WIDA
AAPPL
DIBELS
ACT
ACT Aspire
Utah Aspire Plus
SAT
Mastery Connect
Utah Compose
Canvas
iReady
KITE
Other

8. Which student information system (SIS) do you use?

- Aspire
- PowerSchool
- Infinite Campus
- Skyward
- Home grown
- Other

9. Does your district utilize Microsoft Active Directory (AD) for student and teacher accounts?

- Yes
- No

10. Does your district or charter school have individual e-mail accounts set up for students? If so, please select the grade level(s) for which accounts have been set up.

- N/A. We do not have accounts set up for student use.
- Pre-K
- Kindergarten
- 1st
- 2nd
- 3rd
- 4th
- 5th
- 6th
- 7th
- 8th
- 9th
- 10th
- 11th
- 12th

11. What platform is used for student e-mail accounts?

- Local or Hosted Microsoft Exchange Server
- Outlook.com
- Google Gmail
- Yahoo! Mail
- Apple iCloud Mail
- Other

12. What firewall is employed at this district/school?

13. What type of content filter is in place at this district/school?

14. Is off-campus connectivity important for your students? How do you anticipate that teaching & learning in your school could benefit from 24/7 access for every student?

15. Does your LEA provide remote internet access for students directly?

(Response - Yes/No, or No but we refer them to provider solutions/services like Internet Essentials)****

16. If yes, which of the following solutions do you provide:*

1. Wired Internet Subscription Service (provided via a local ISP)
2. Mobile Wi-Fi Hotspots (LTE/5G)
3. Chromebooks with embedded LTE

4. Wi-Fi Access Points on Buses (parked in the community)
5. Direct access to LEA internet services at the home (e.g., Murray, San Juan, Ogden, etc.)
6. Other - please explain [open text field]
7. N/A, we don't provide remote access for students

17. To what percentage of students does your LEA provide remote internet access solutions/services?****

[Response is 0 to 100 percent]

18. Have you reviewed your school list in this inventory portal for your LEA and is it up-to-date?

School Level Questions

21. School Name

22. NCES School ID Number

23. School Physical Address

24. What type of school is this?

- District School
- Charter School

25. School Category

- Elementary School
- Middle School
- High School
- Combined School (e.g., K-12 or 7-12)

26. Grades served by this school, please check all that apply

- Pre-K
- Kindergarten
- 1st
- 2nd
- 3rd
- 4th
- 5th
- 6th
- 7th
- 8th
- 9th
- 10th
- 11th
- 12th
- 12+ (Programs beyond grade 12)

27. Number of Students Enrolled (as of October 1)

28. Number of Classroom Teachers, including full-time, part-time, and contractors (as of November 1)

29. How many active instructional spaces (e.g., classrooms, libraries, gymnasiums, cafeterias, labs, and other separate spaces used for instruction) does the school contain in total? (Do NOT count offices, closets, and storage areas)

30. What percentage of students do **NOT** have adequate internet access for real-time remote or off campus learning? (Adequate access is defined as access that provides sufficient bandwidth and network reliability to support remote or off campus learning)****

[Response field is a percentage (0-100%)]

31. Please select the primary reason why adequate internet access is not available within the school's service boundaries.*

[Response is a radio button selection – 1 selection only]

- Lack of adequate internet infrastructure (i.e., lack of service availability to some households)
- Poor internet access service quality (e.g., low bandwidth, high latency, or service interruption issues)
- Affordability (i.e., lack of affordable monthly service plans)
- A high percentage of transient students (e.g., migrant students, homeless students)
- A high percentage of parents who refuse to have internet access in the home
- Too many people in a household accessing the internet at the same time
- Not sure
- Other [open response field]

32. Does this school currently have a Wi-Fi network in place?

- Yes
- No

33. How many wireless access points (APs) are currently deployed school-wide (including outdoor units)?

34. Has the school's Wi-Fi network been professionally designed and the correct AP placement and configuration completed according to the design?

- Yes, we used a contractor to conduct a professional Wi-Fi design
- Yes, we performed an in-house professional Wi-Fi design and AP configuration using software (example: AirMagnet, Ekahau, etc.)
- No, we have not had our Wi-Fi network professionally designed
- Not applicable, we do not have Wi-Fi

35. Please select the statement that best describes the Wi-Fi user experience in your school: School Wi-Fi Outages (please note: noticeable means more than a few minutes):

- School does NOT have noticeable Wi-Fi outages during the school year

- School has 1 to 5 noticeable Wi-Fi outages during the school year
- School has 5 to 10 noticeable Wi-Fi outages during the school year
- School has 10 or more noticeable Wi-Fi outages during the school year

36. Wi-Fi User Experiences (please note: noticeable means more than a few minutes):

- Students and teachers DO NOT experience noticeable Wi-Fi slowdowns during school time
- Students and teachers experience noticeable Wi-Fi slowdowns less than 10% of the time during school
- Students and teachers experience noticeable Wi-Fi slowdowns between 10% and 20% of the time during school
- Students and teachers experience noticeable Wi-Fi slowdowns more than 20% of the time during school

37. Wi-Fi Coverage:

- Wi-Fi coverage in the school building is at 100% (all rooms are covered)
- Wi-Fi coverage for the school building is more than 80% but not 100%
- Wi-Fi coverage for the school building is between 60% and 80%
- Wi-Fi coverage for the school building is less than 60%

38. Has there been a professional post-installation validation survey of the school's Wi-Fi network?

- Yes, it was done within the last year
- Yes, it was done within the last 2 to 5 years
- Yes, it was done over 5 years ago
- No, we have never had a post-installation validation survey of the school's Wi-Fi network
- Not applicable, we do not have Wi-Fi

39. What wireless standard(s) is/are employed by the wireless APs currently serving the school?*

- 802.11a
- 802.11b
- 802.11g
- 802.11n
- 802.11ac
- 802.11ax (WiFi 6)

40. What is the dominant vendor of your **wireless** networking gear?

- Aerohive
- Aruba

- Cisco
- HP
- Meraki
- Ruckus
- Xirrus
- Fortinet
- Ubiquiti
- Other (Insert Name)

41. In your school, what is the controller environment for your wireless network?

- Cloud-Based Controller (Aerohive, Meraki, etc)
- Wireless Controller Located On-Site at the school
- Wireless Controller Shared w/ Other Schools

42. What is the average age of the wireless gear installed in this school?

- Less than 1 year old
- 1 year old
- 2 years old
- 3 years old
- 4 years or older

43. Are teachers, staff and administrators connected to a separate network (VLAN, etc.) than the one that students use?

- Yes
- No

44. What is the dominant vendor of your **wired** networking gear?

- Brocade/Ruckus
- Cisco
- Extreme
- HP
- Aruba
- Juniper
- Meraki
- Fortinet
- Dell
- Ubiquiti
- Other (Insert Name)

45. What is the current standard switch vendor for equipment installed in this school?

46. Indicate the total number of switch ports installed in the school for the following: *

- 100Mbps:
- 1 Gbs:
- 10 Gbs:
- Other (over 10Gbs):

47. What is the average age of the wired gear installed in this school?

- Less than 1 year old
- 1 year old
- 2 years old
- 3 years old
- 4 years or older
- Not applicable

48. What is the predominant wiring technology in this school?

- Cat 4
- Cat 5
- Cat 5e
- Cat 6
- Cat6a
- Other

49. Is the filtering solution hardware-based (i.e., in the network), software-based (i.e., installed on the device only, not cloud), cloud-based, or hybrid (a combination of two or more of these solutions)?

- Hardware-Based
- Software-Based
- Cloud-Based
- Hybrid

50. To what extent have mobile computing devices already been deployed in the school?

- On a 1:1 basis (students can take the devices home at night)
- On a 1:1 basis (devices cannot be removed from school)
- On a cart for in-classroom use only
- Only available for check-out from the school library, media center, or computer lab
- No school-owned mobile computing devices, but students are allowed to use their own personal mobile devices in school under BYOD (“Bring Your Own Device”) policy
- None

51. How many devices are currently **deployed** and **in active use** in the school?

	Student Use	Teacher/Administrator Use
Windows Desktop		
Windows Laptop		
Mac Desktop		
Mac Laptop		
Google Chromebook		
Windows Tablet		
Android Tablet		
Apple iOS Tablet (iPad Pro, iPad, or iPad Mini)		
Other		

52. Does the school have a Mobile Device Management (MDM) solution in place to manage school-owned devices? If yes, please name the solution(s).

- No
- Yes, a single solution
- Yes, multiple solutions

53. Does the school already own digital content licenses for its textbooks?

- All textbooks
- Some textbooks, but not all
- None
- Other (Please Explain)

If selected "Some textbooks, but not all" add the following question: What subject areas do the school already own digital content licenses for its textbooks?

Language Arts

Math

Science

Social Studies

CTE

Other

54. Is off-campus connectivity important for your students? How do you anticipate that teaching & learning in your school could benefit from 24/7 access for every student?

55. What are your greatest needs for instructional software and tools? (check all that apply)

- No changes. We have what we need.
- Math
- Language Arts
- Videos/Games/Apps
- Science
- Social Studies/World Languages
- Test Prep
- Teacher PD Software
- Open Educational Resources
- Counseling/Comprehensive Guidance
- Learning Management System (Canvas or other)
- Tools for Student Products (coding, video editing, etc.)
- Software for Students with Special Needs
- Research Database (like Utah Online/Pioneer Library)
- Tools to Track Student Use
- Books, Online Books
- Other

56. In your judgement, are adequate professional development and training resources available in your school district's budget to help teachers effectively integrate mobile devices into their teaching practice? If no, how could they be improved?

- Yes
- No (Please Explain)

57. From the pulldown menu, please select the statement that best describes your utilization of volunteers for technology support for the school. This should include non-paid technical support that is provided by students, interns, teachers, vendors, community members and/or parents.

- The school does not rely on volunteers
- The school use of volunteers is less than 10% of the total technology support services
- The school use of volunteers is between 10% and 20% of the total technology support services
- The school use of volunteers is over 20% of the total technology support is provided by volunteers

58. From the pulldown menu, please select the statement that best describes your utilization of volunteers for technology support for the school. This should include instructional technology training that is provided by students, interns, teachers, vendors, community members and/or parents.

- The school does not rely on volunteers for technology professional development services
- The school use of volunteers is less than 10% of the total technology professional development services
- The school use of volunteers is between 10% and 20% of the total professional development services

- The school use of volunteers is over 20% of the total technology professional development services

APPENDIX C:
ABOUT CONNECTED NATION



About Connected Nation


Connected Nation (CN) was originally founded on February 19, 2001, as the Center for Information Technology Enterprise (CITE) in Bowling Green, Kentucky, to promote technology expansion in Kentucky. CITE evolved into ConnectKentucky, a public-private initiative focused on conducting broadband mapping research and grassroots community-level planning statewide.

ConnectKentucky led community planning efforts in all 120 Kentucky counties which helped to expand the use of the emerging technologies of the early 2000s. Other states began to seek that same type of guidance, and, to facilitate a multi-state consultancy, Connected Nation was formed in 2007.



CN has over 20 years of experience providing strategic consulting and advisory services at the federal, state, and local community levels in order to accelerate and expand broadband access. CN's strategic consulting and advisory services provide a multi-discipline view of the broadband landscape by providing broadband and telecommunications research, policy insights, mapping, engineering, and federal, state, and local strategic planning services.

CN has experience and a process to inform and develop a comprehensive plan with measurable outcomes that is representative of multi-sector stakeholders. Evidence of state-level engagement and comprehensive plan development include the production of the [Michigan Broadband Roadmap](#), [Nevada State Broadband Action Plan](#), and [Puerto Rico's Gigabit Island Plan](#). A recent example of a community-level engagement and technology action plan is available via the following link for Bastrop County, Texas: <https://connectednation.org/bastrop-county/>



CN enjoys a strong policy staff that fully understands the telecommunications industry, drawing on years of experience working with states on broadband issues and having experience in Washington both with the FCC and with our nation's legislators. This experience allows for robust development of policy and programs that can help pave a mutually agreeable path toward greater availability and expansion of broadband services.



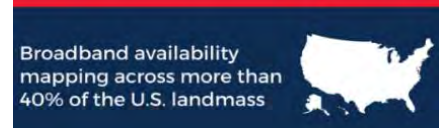

13 state-based broadband public-private partnerships from Alaska to Puerto Rico under the SBI program impacting 1,150 counties





Library-focused initiatives in 20 states in partnership with the Bill & Melinda Gates Foundation





1,500+ unique broadband provider relationships through data collection and processing





Broadband availability mapping across more than 40% of the U.S. landmass




Connectivity surveys and mapping for 128,000 Community Anchor Institutions



60,000+ school children provided laptops and digital skills training



230+ digital literacy training centers established in partnership with local libraries and community colleges



APPENDIX D:
STATEWIDE SUMMARY PAGE



UTAH DISTRICT AND CHARTER SCHOOLS

STATE FACTS

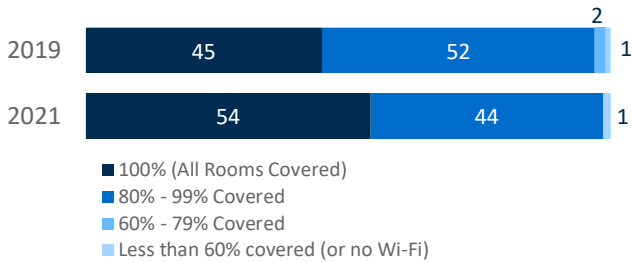
ENROLLMENT	675,589
NUMBER OF SCHOOLS.....	1,037
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	8%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE*	11%

*Among schools providing remote internet access solutions or service

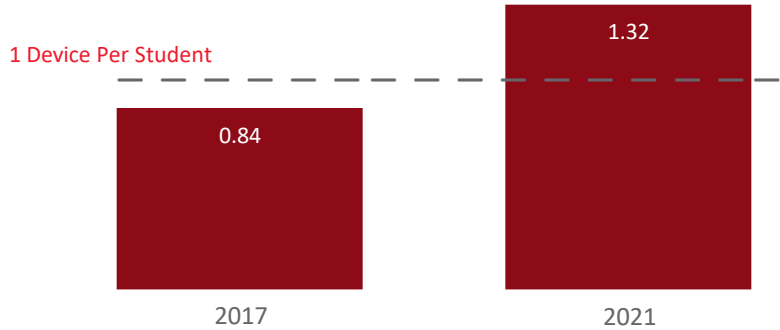
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Statewide Coverage



COMPUTING DEVICES PER STUDENT

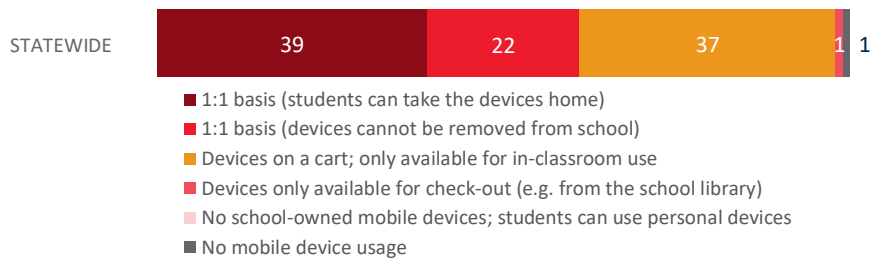


COMPUTING DEVICES USED IN SCHOOLS

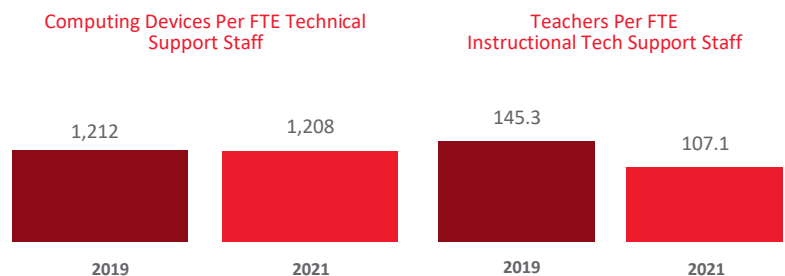
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	% Change Among LEAs Operating in 2017 and 2021
DESKTOPS WINDOWS OS	61,303	28,549	-41,527	-30%
LAPTOPS WINDOWS OS	99,196	16,712	+59,982	112%
DESKTOPS MAC	14,751	3,230	-6,187	-25%
LAPTOPS MAC	19,991	17,754	+1,197	3%
CHROMEBOOKS GOOGLE	577,690	22,052	+329,200	126%
TABLETS WINDOWS	12,727	4,472	+7,592	86%
TABLETS ANDROID	1,363	224	-333	-23%
TABLETS IOS	100,710	23,569	+20,091	21%
OTHER DEVICES	1,073	99	-7,580	-88%
ALL COMPUTING DEVICES	888,804	116,661	+362,435	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



APPENDIX E:
**SCHOOL DISTRICT
SUMMARY PAGES**



ALPINE SCHOOL DISTRICT

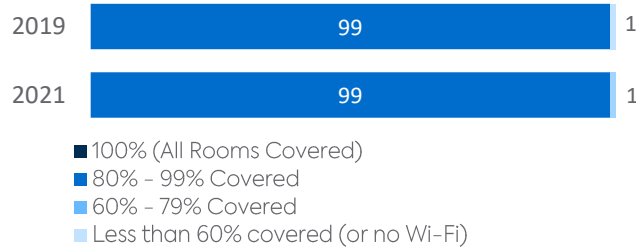
DISTRICT FACTS

ENROLLMENT84,836
 NUMBER OF SCHOOLS 91
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE0%

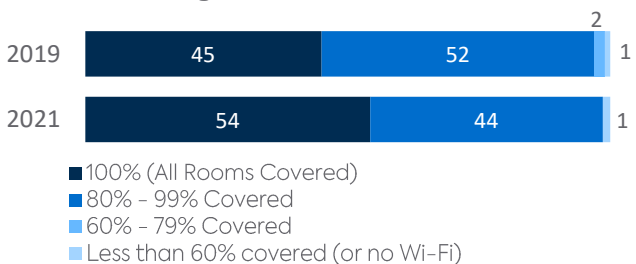
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

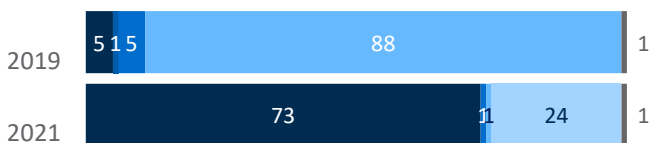


Statewide Coverage

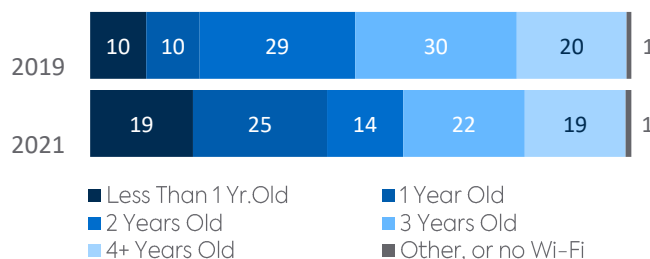


Age of Wi-Fi Access Points Reported by Schools (%)

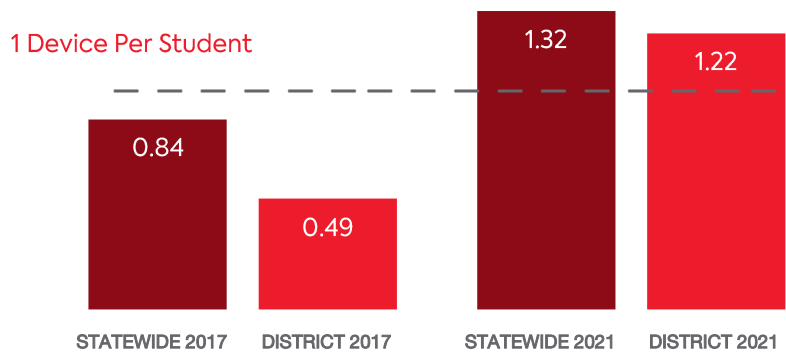
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

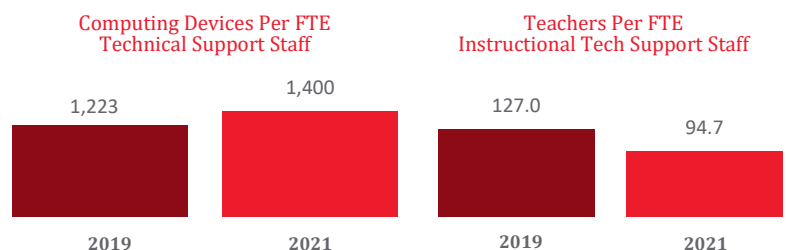
	Student Use	Teacher/ Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	4,365	1,020	-606	-10%	-30%
LAPTOPS WINDOWS OS	1,964	1,461	+514	18%	112%
DESKTOPS MAC	4,270	749	-170	-3%	-25%
LAPTOPS MAC	356	4,680	+344	7%	3%
CHROMEBOOKS GOOGLE	81,993	229	+64,056	353%	126%
TABLETS WINDOWS	43	29	-2	-3%	86%
TABLETS ANDROID	49	7	-131	-70%	-23%
TABLETS IOS	10,408	3,112	+3,302	32%	21%
OTHER DEVICES	2	58	-5	-8%	-88%
ALL COMPUTING DEVICES	103,450	11,345	+67,302	142%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



BEAVER COUNTY SCHOOL DISTRICT

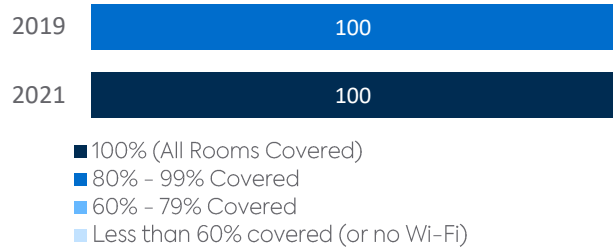
DISTRICT FACTS

ENROLLMENT	1,526
NUMBER OF SCHOOLS	5
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	1.4%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	2%

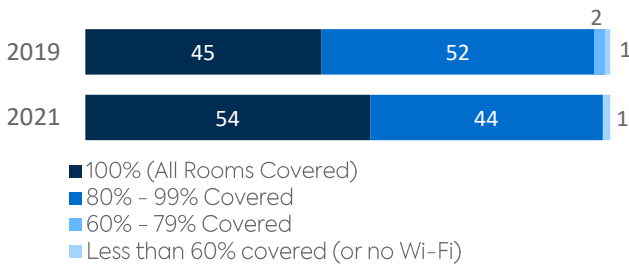
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

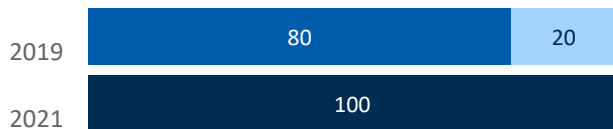


Statewide Coverage

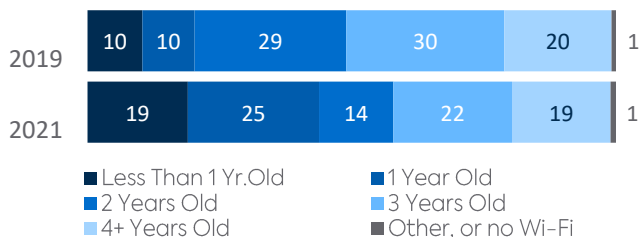


Age of Wi-Fi Access Points Reported by Schools (%)

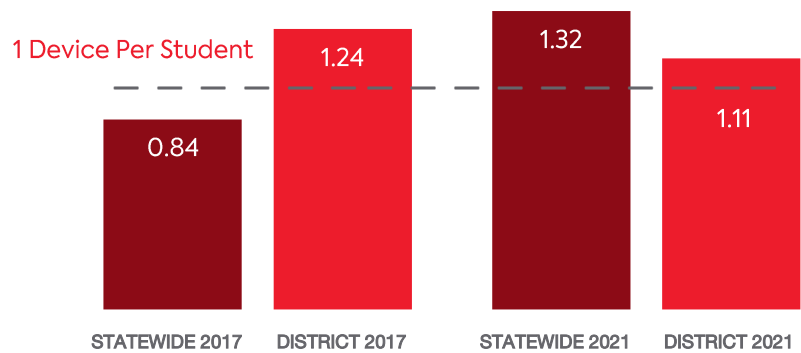
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	130	119	+31	14%	-30%
LAPTOPS WINDOWS OS	0	14	+2	17%	112%
DESKTOPS MAC	3	2	-33	-87%	-25%
LAPTOPS MAC	0	2	-1	-33%	3%
CHROMEBOOKS GOOGLE	1,526	177	+136	9%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	-266	-100%	-23%
TABLETS IOS	35	65	-1	-1%	21%
OTHER DEVICES	0	0	-135	-100%	-88%
ALL COMPUTING DEVICES	1,694	379	-267	-11%	59%

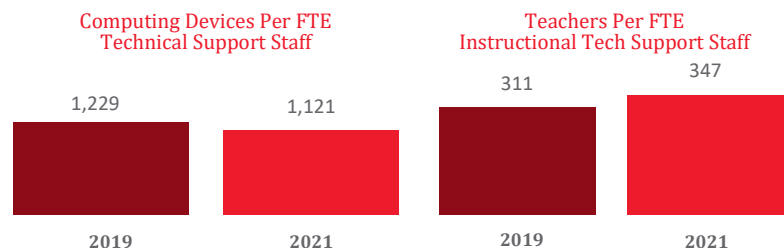
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



BOX ELDER SCHOOL DISTRICT

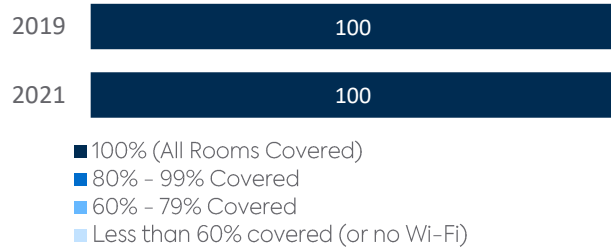
DISTRICT FACTS

ENROLLMENT12,615
 NUMBER OF SCHOOLS21
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE18%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE1%

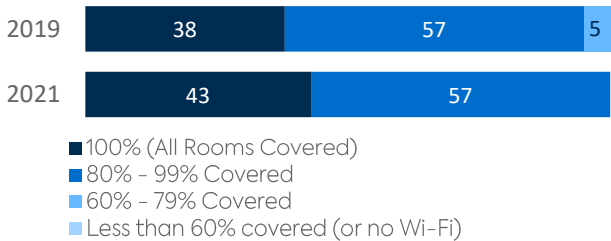
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

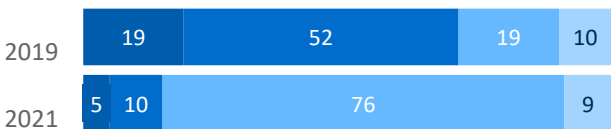


Statewide Coverage

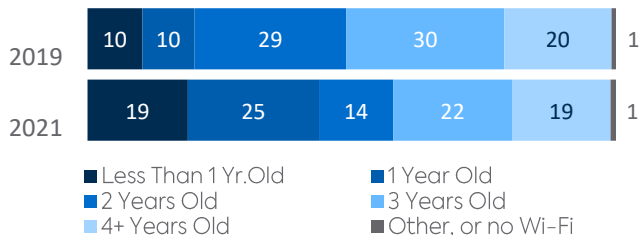


Age of Wi-Fi Access Points Reported by Schools (%)

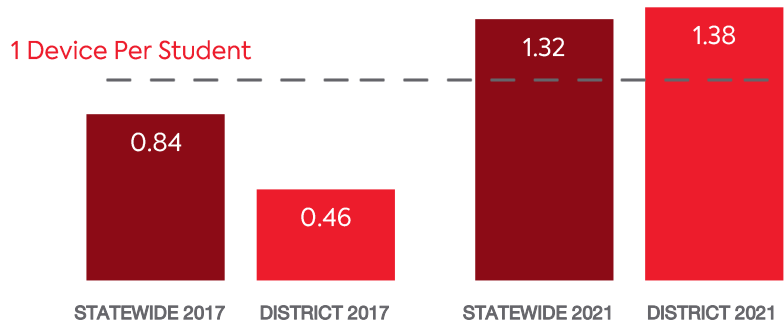
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	1,957	1,050	+200	7%	-30%
LAPTOPS WINDOWS OS	30	275	+91	43%	112%
DESKTOPS MAC	2	1	0	0%	-25%
LAPTOPS MAC	0	33	+30	1000%	3%
CHROMEBOOKS GOOGLE	15,149	5	+11,943	372%	126%
TABLETS WINDOWS	0	0	-20	-100%	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	295	684	+835	580%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	17,433	2,048	+13,079	204%	59%

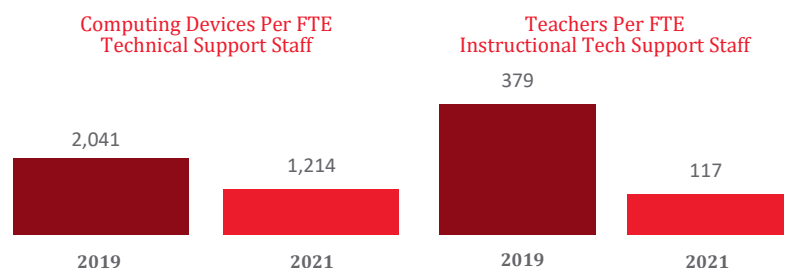
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



CACHE COUNTY SCHOOL DISTRICT

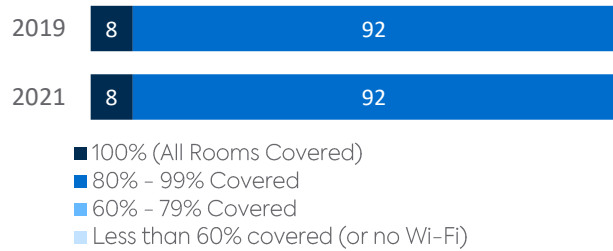
DISTRICT FACTS

ENROLLMENT19,554
 NUMBER OF SCHOOLS25
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE16.8%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 5%

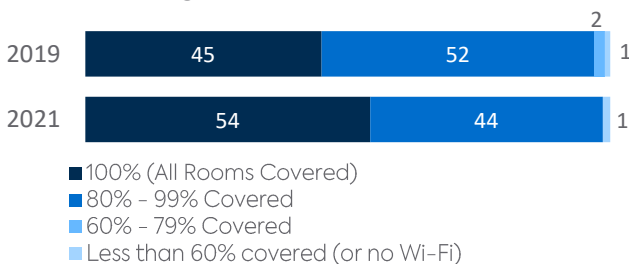
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

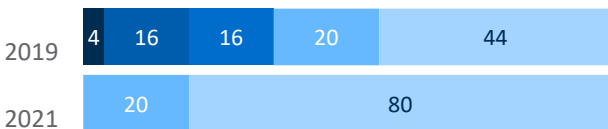


Statewide Coverage

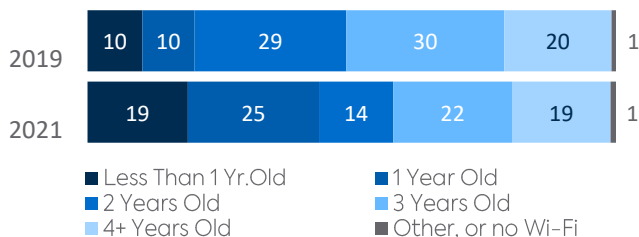


Age of Wi-Fi Access Points Reported by Schools (%)

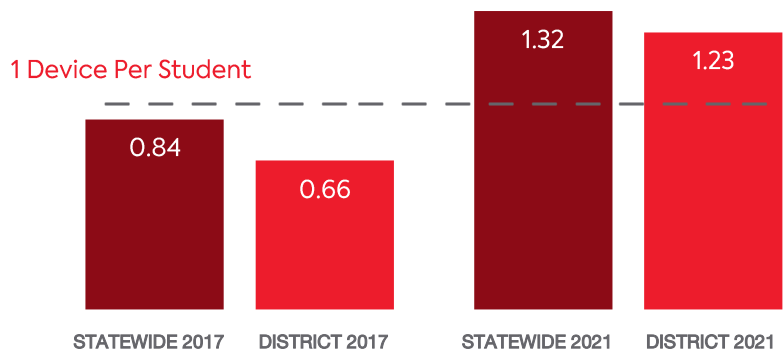
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	1,321	1,560	-804	-22%	-30%
LAPTOPS WINDOWS OS	283	484	+688	871%	112%
DESKTOPS MAC	146	94	-53	-18%	-25%
LAPTOPS MAC	7	54	+61	N/A	3%
CHROMEBOOKS GOOGLE	21,042	1,116	+14,047	173%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	1,158	506	-789	-32%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	23,957	3,814	+13,150	90%	59%

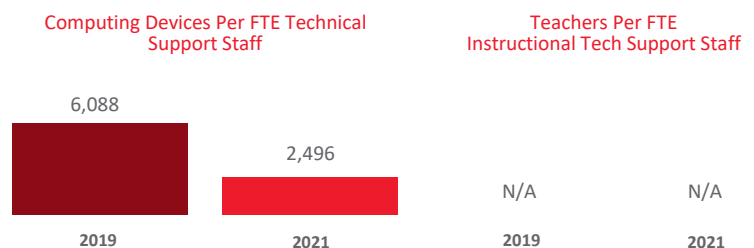
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



CANYONS SCHOOL DISTRICT

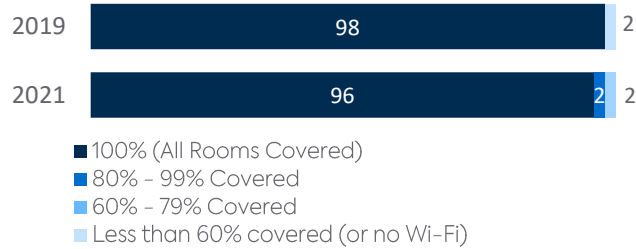
DISTRICT FACTS

ENROLLMENT34,152
 NUMBER OF SCHOOLS49
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE13.7%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE3%

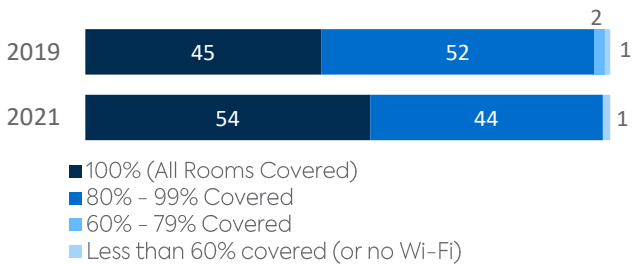
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

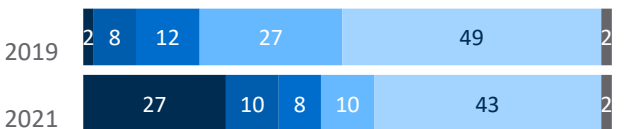


Statewide Coverage

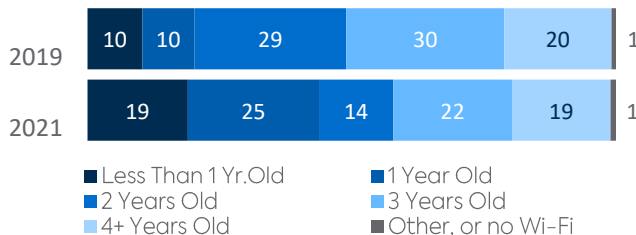


Age of Wi-Fi Access Points Reported by Schools (%)

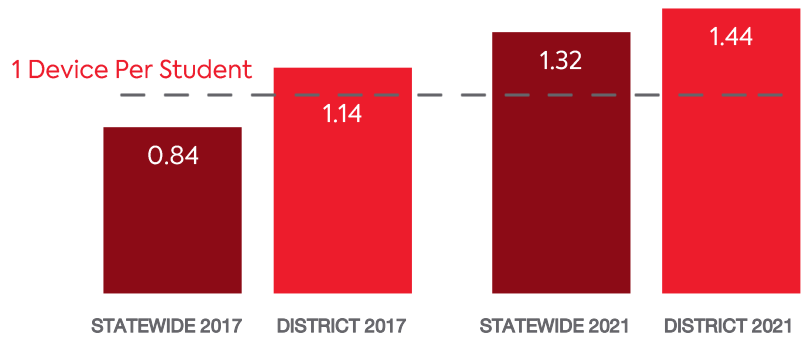
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

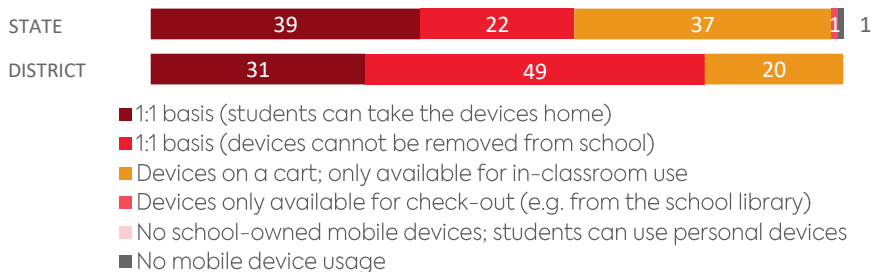


COMPUTING DEVICES USED IN SCHOOLS

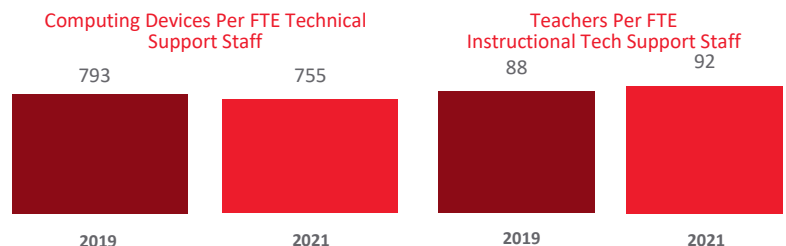
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	2,268	472	-1,203	-31%	-30%
LAPTOPS WINDOWS OS	253	406	-249	-27%	112%
DESKTOPS MAC	1,445	381	-899	-33%	-25%
LAPTOPS MAC	273	2,396	-2,585	-49%	3%
CHROMEBOOKS GOOGLE	37,086	42	+15,403	71%	126%
TABLETS WINDOWS	0	8	0	0%	86%
TABLETS ANDROID	16	1	-145	-90%	-23%
TABLETS IOS	7,873	1,833	+652	7%	21%
OTHER DEVICES	14	3	14	467%	-88%
ALL COMPUTING DEVICES	49,228	5,542	+10,988	25%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



CARBON COUNTY SCHOOL DISTRICT

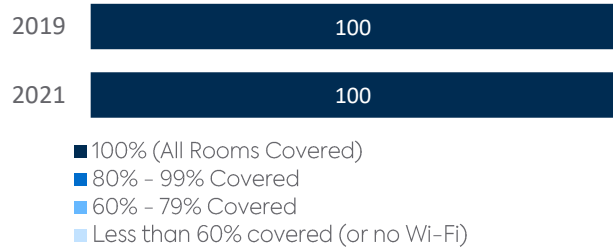
DISTRICT FACTS

ENROLLMENT	3,592
NUMBER OF SCHOOLS	9
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	12.8%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

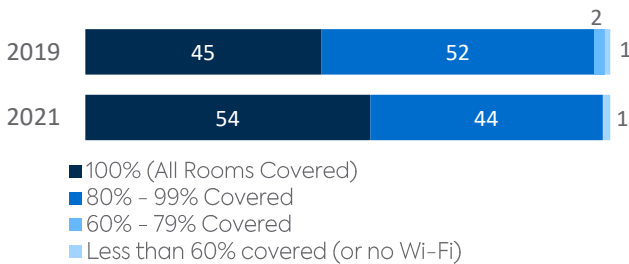
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

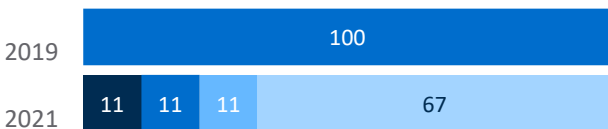


Statewide Coverage

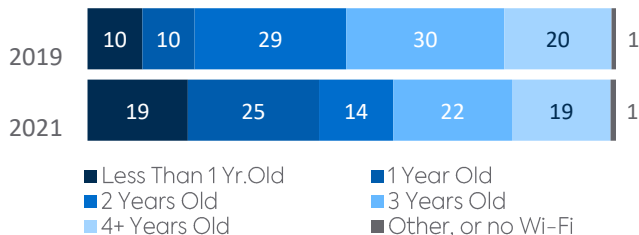


Age of Wi-Fi Access Points Reported by Schools (%)

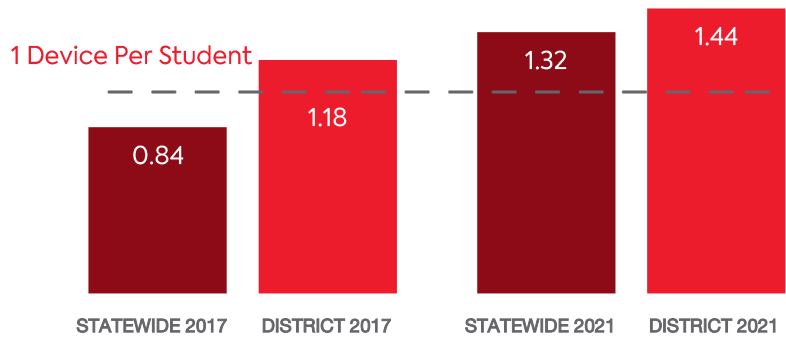
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	232	346	-251	-30%	-30%
LAPTOPS WINDOWS OS	45	41	-177	-67%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	4,707	357	+1,836	57%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	178	35	-157	-42%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	5,162	779	+1,251	27%	59%

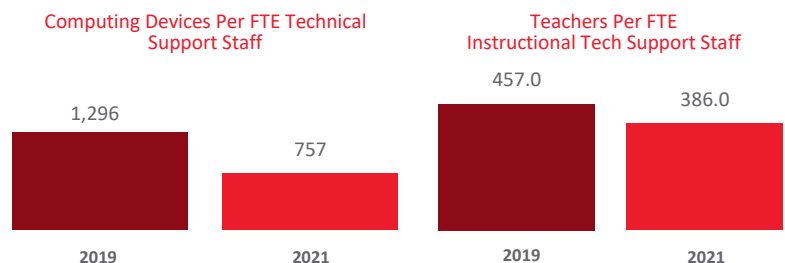
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



DAGGETT SCHOOL DISTRICT

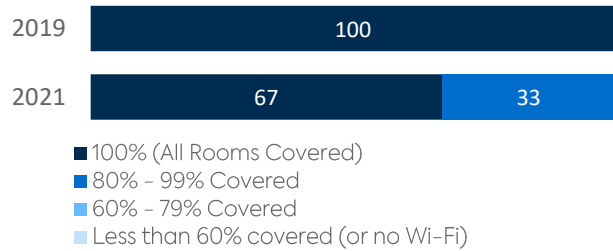
DISTRICT FACTS

ENROLLMENT 187
 NUMBER OF SCHOOLS 3
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 9.1%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

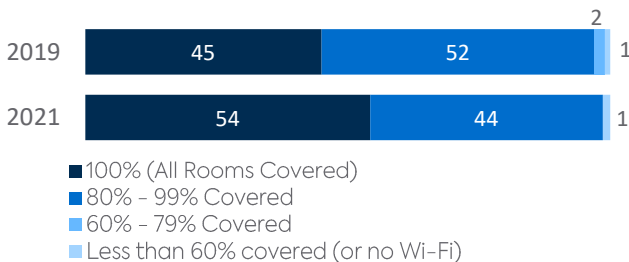
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

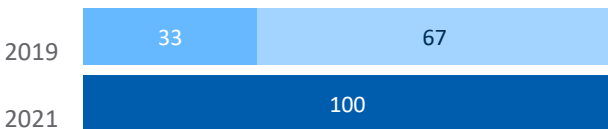


Statewide Coverage

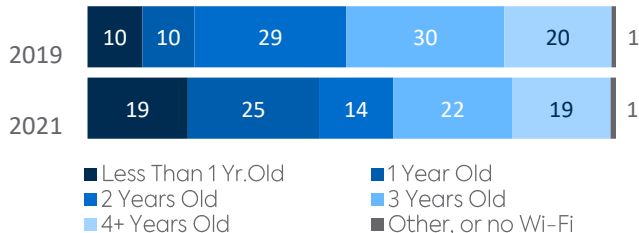


Age of Wi-Fi Access Points Reported by Schools (%)

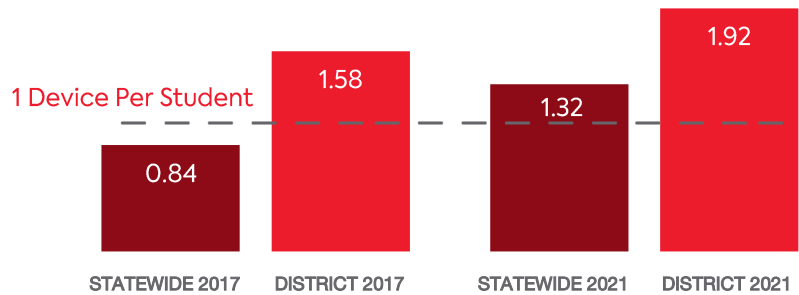
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/ Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	3	0	0%	-30%
LAPTOPS WINDOWS OS	0	1	+1	N/A	112%
DESKTOPS MAC	75	10	-10	-11%	-25%
LAPTOPS MAC	156	25	+4	2%	3%
CHROMEBOOKS GOOGLE	60	0	+60	N/A	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	68	13	-7	-8%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	359	52	+48	13%	59%

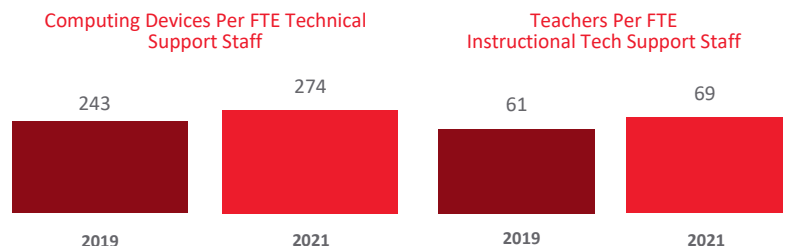
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



DAVIS SCHOOL DISTRICT

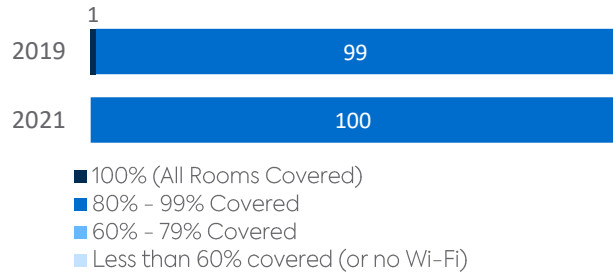
DISTRICT FACTS

ENROLLMENT.....71,481
 NUMBER OF SCHOOLS.....91
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE1%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE1%

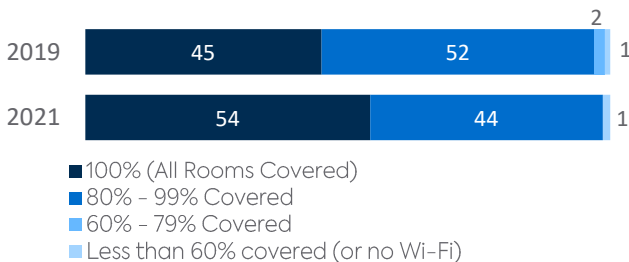
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

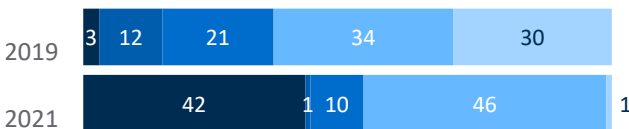


Statewide Coverage

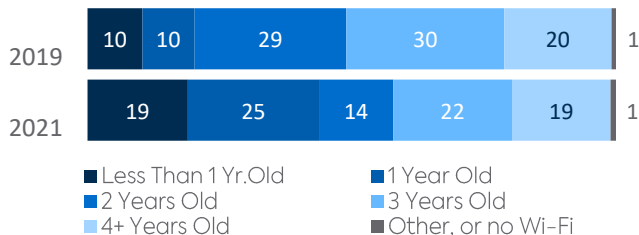


Age of Wi-Fi Access Points Reported by Schools (%)

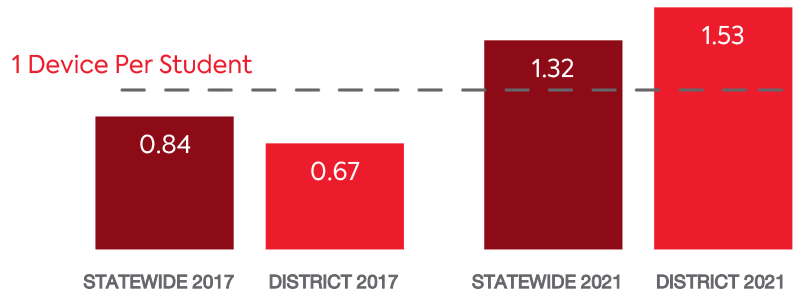
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/ Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	6378	5509	-9613	-45%	-30%
LAPTOPS WINDOWS OS	61585	855	+52031	500%	112%
DESKTOPS MAC	40	13	-7	-12%	-25%
LAPTOPS MAC	46	78	-2	-2%	3%
CHROMEBOOKS GOOGLE	229	1	-65	-22%	126%
TABLETS WINDOWS	12481	4179	+8360	101%	86%
TABLETS ANDROID	129	69	+72	57%	-23%
TABLETS IOS	28471	4635	+13754	71%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	109,359	15,339	+64,530	107%	59%

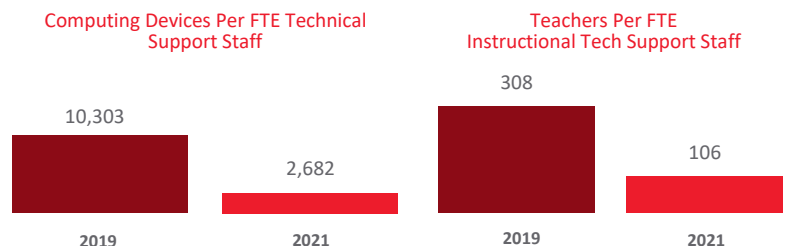
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



DUCHESNE COUNTY SCHOOL DISTRICT

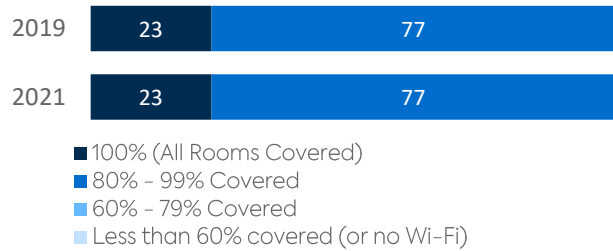
DISTRICT FACTS

ENROLLMENT5,343
 NUMBER OF SCHOOLS13
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE15.2%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE3%

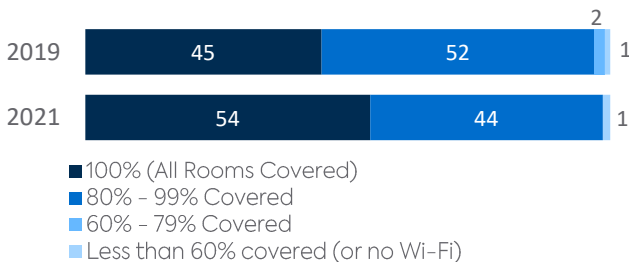
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage



Statewide Coverage

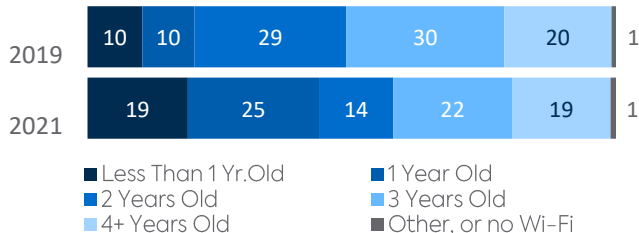


Age of Wi-Fi Access Points Reported by Schools (%)

District Coverage

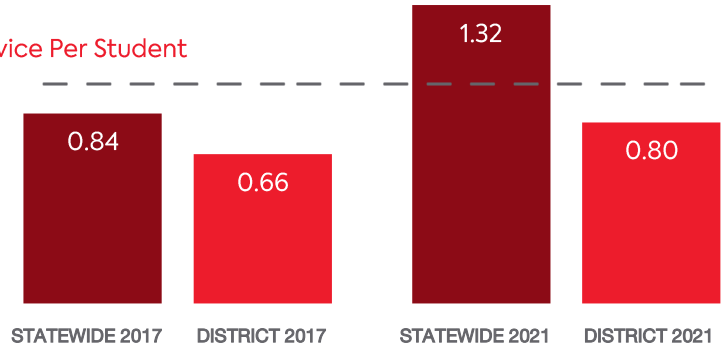


Statewide Coverage



COMPUTING DEVICES PER STUDENT

1 Device Per Student



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/ Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	340	65	-36	-8%	-30%
LAPTOPS WINDOWS OS	235	109	+2	1%	112%
DESKTOPS MAC	707	191	0	0%	-25%
LAPTOPS MAC	415	353	+4	1%	3%
CHROMEBOOKS GOOGLE	2,050	61	+835	65%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	550	210	+40	6%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	4,297	989	+845	19%	59%

MOBILE DEPLOYMENT

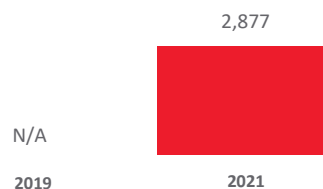
Wireless Device Policies at Schools (%)



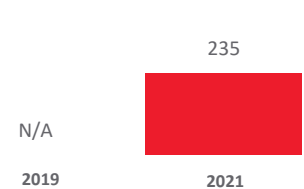
- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS

Computing Devices Per FTE Technical Support Staff



Teachers Per FTE Instructional Tech Support Staff



EMERY COUNTY SCHOOL DISTRICT

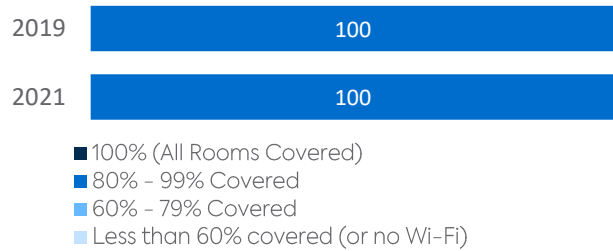
DISTRICT FACTS

ENROLLMENT2,264
 NUMBER OF SCHOOLS10
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 50%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 10%

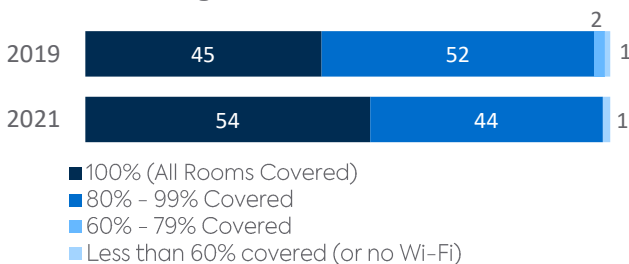
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

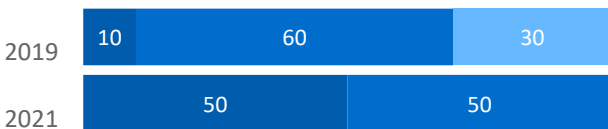


Statewide Coverage

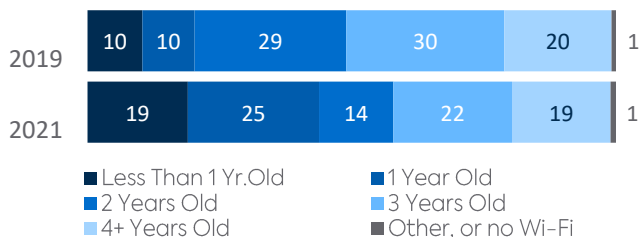


Age of Wi-Fi Access Points Reported by Schools (%)

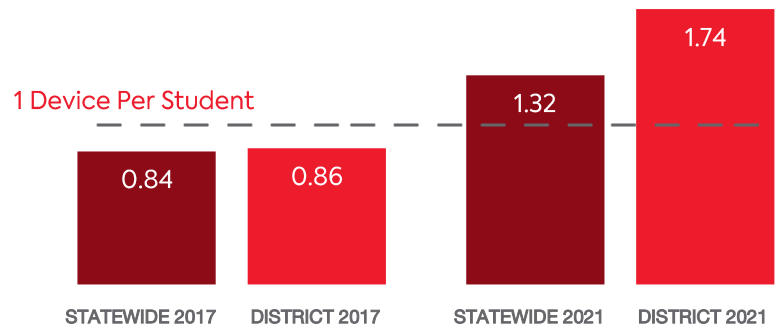
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/ Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	880	238	+129	13%	-30%
LAPTOPS WINDOWS OS	6	36	+3	8%	112%
DESKTOPS MAC	10	9	-28	-60%	-25%
LAPTOPS MAC	0	4	-7	-64%	3%
CHROMEBOOKS GOOGLE	2,686	10	+1,973	273%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	5	0	0	0%	-23%
TABLETS IOS	272	0	-171	-39%	21%
OTHER DEVICES	80	0	80	N/A	-88%
ALL COMPUTING DEVICES	3,939	297	+1,979	88%	59%

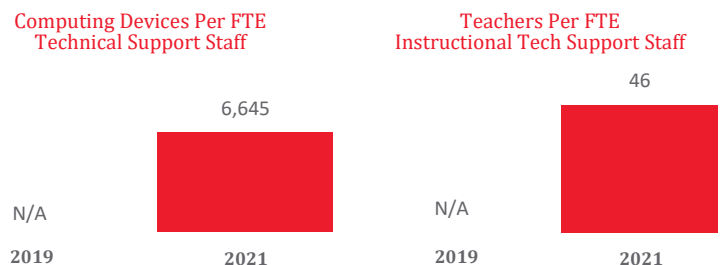
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



GARFIELD COUNTY SCHOOL DISTRICT

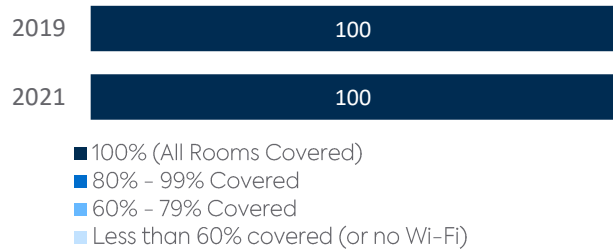
DISTRICT FACTS

ENROLLMENT1,003
 NUMBER OF SCHOOLS9
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE5.4%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE0%

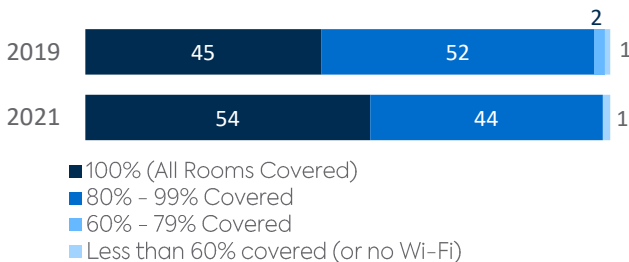
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage



Statewide Coverage

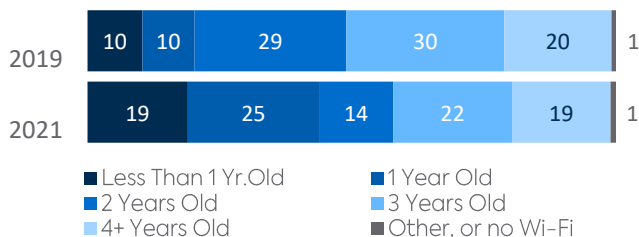


Age of Wi-Fi Access Points Reported by Schools (%)

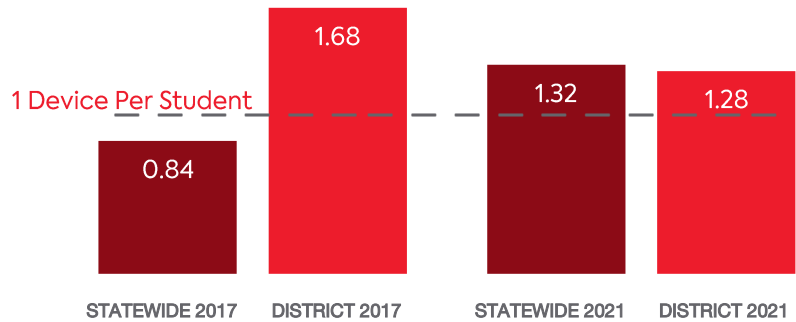
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/ Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	159	103	-97	-27%	-30%
LAPTOPS WINDOWS OS	0	57	-6	-10%	112%
DESKTOPS MAC	3	2	+4	400%	-25%
LAPTOPS MAC	0	9	+7	350%	3%
CHROMEBOOKS GOOGLE	1,097	63	+165	17%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	-3	-100%	-23%
TABLETS IOS	26	5	-7	-18%	21%
OTHER DEVICES	0	0	-244	-100%	-88%
ALL COMPUTING DEVICES	1,285	239	-181	-11%	59%

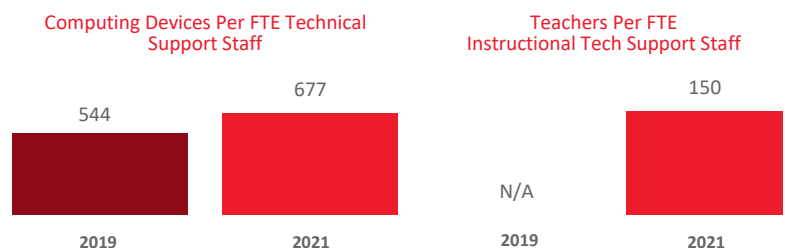
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



GRAND COUNTY SCHOOL DISTRICT

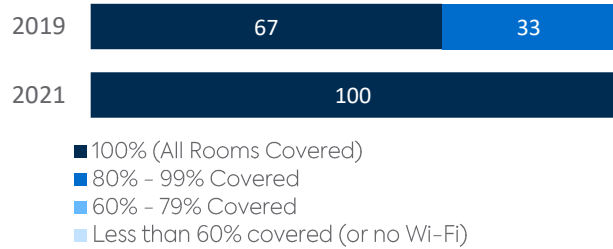
DISTRICT FACTS

ENROLLMENT1,448
 NUMBER OF SCHOOLS3
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE9%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE3%

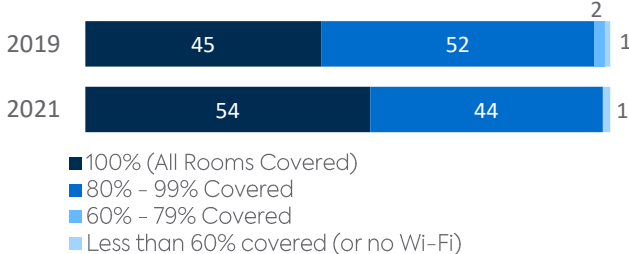
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

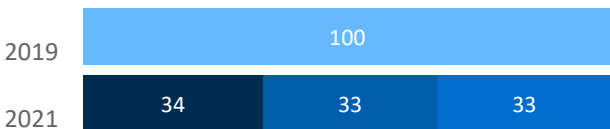


Statewide Coverage

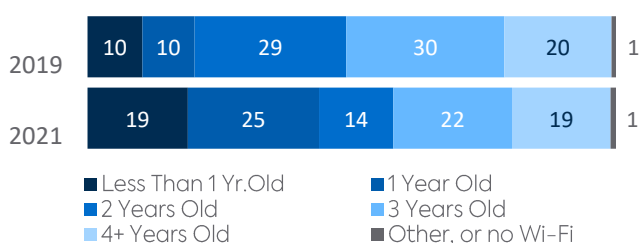


Age of Wi-Fi Access Points Reported by Schools (%)

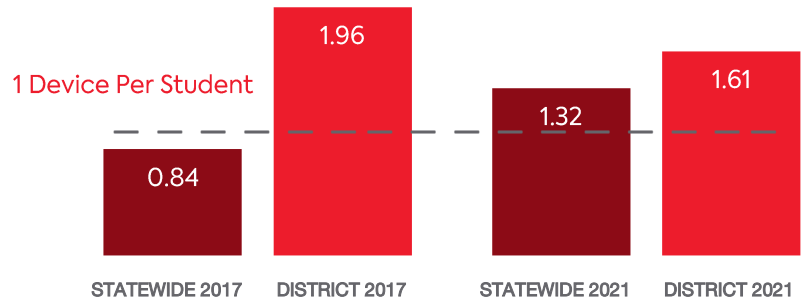
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

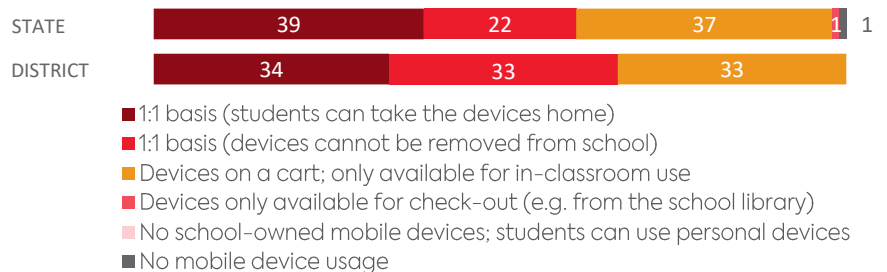


COMPUTING DEVICES USED IN SCHOOLS

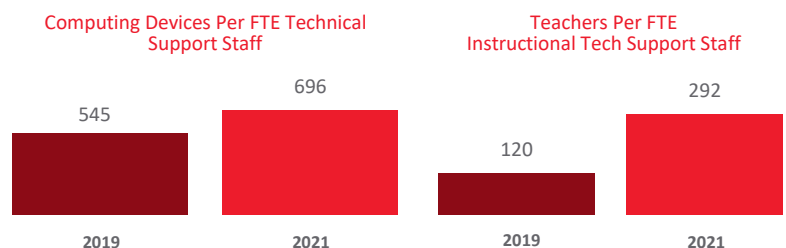
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	357	194	+66	14%	-30%
LAPTOPS WINDOWS OS	33	10	-77	-64%	112%
DESKTOPS MAC	24	1	+1	4%	-25%
LAPTOPS MAC	0	5	+3	150%	3%
CHROMEBOOKS GOOGLE	1,854	5	+909	96%	126%
TABLETS WINDOWS	0	1	1	N/A	86%
TABLETS ANDROID	25	0	-15	-38%	-23%
TABLETS IOS	36	47	+44	113%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	2,329	263	+932	56%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



GRANITE SCHOOL DISTRICT

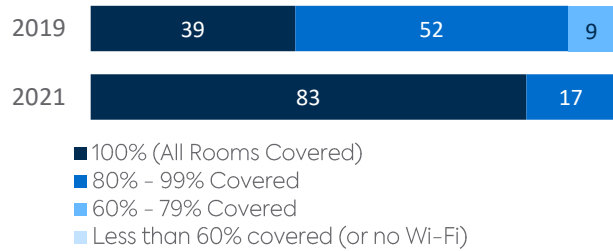
DISTRICT FACTS

ENROLLMENT 63,902
 NUMBER OF SCHOOLS 86
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 12.3%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 5%

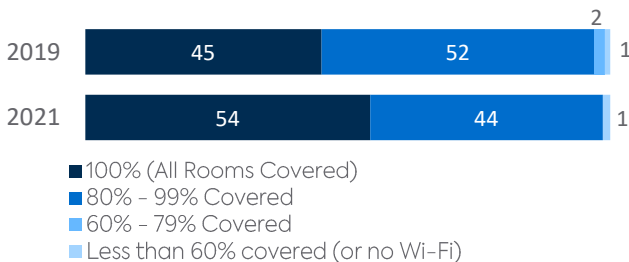
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

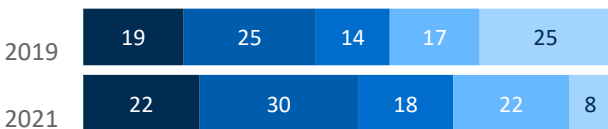


Statewide Coverage

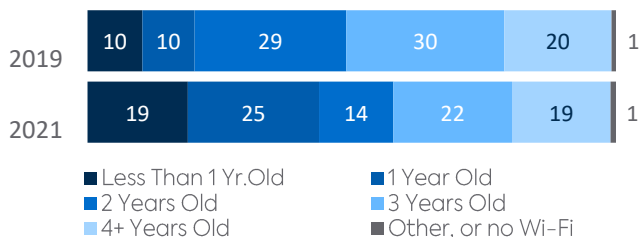


Age of Wi-Fi Access Points Reported by Schools (%)

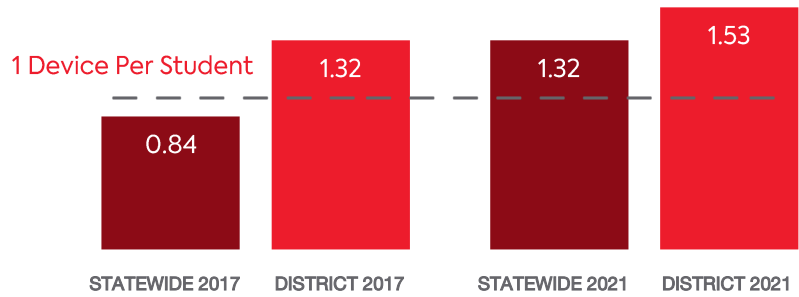
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

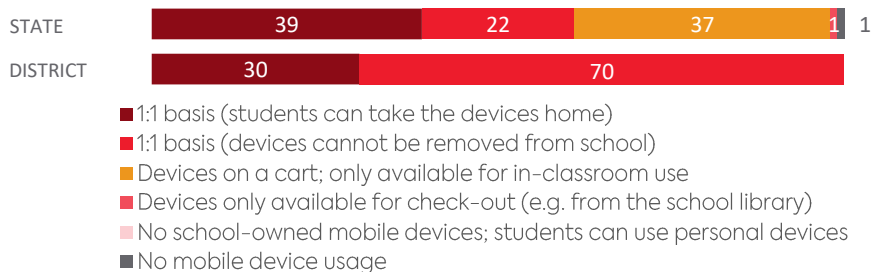


COMPUTING DEVICES USED IN SCHOOLS

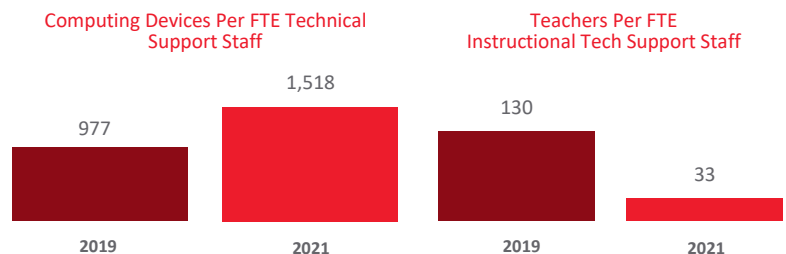
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	8,084	2,570	-14,377	-57%	-30%
LAPTOPS WINDOWS OS	386	2,823	+1,042	48%	112%
DESKTOPS MAC	804	10	+5	1%	-25%
LAPTOPS MAC	0	161	-85	-35%	3%
CHROMEBOOKS GOOGLE	85,369	0	+25,470	43%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	3,024	8	-3,491	-54%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	97,667	5,572	+8,564	9%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



IRON COUNTY SCHOOL DISTRICT

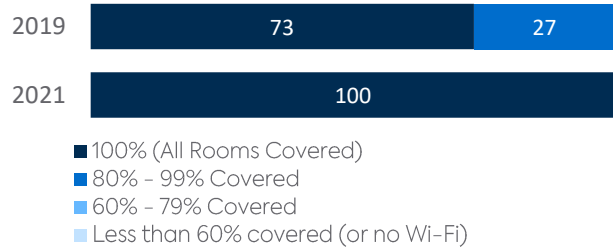
DISTRICT FACTS

ENROLLMENT	10,147
NUMBER OF SCHOOLS	16
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	16%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	5%

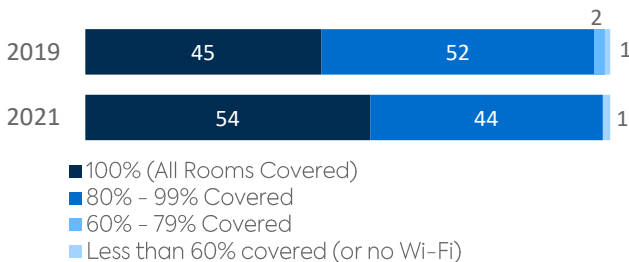
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage



Statewide Coverage

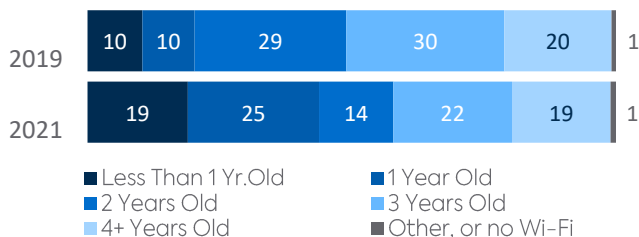


Age of Wi-Fi Access Points Reported by Schools (%)

District Coverage

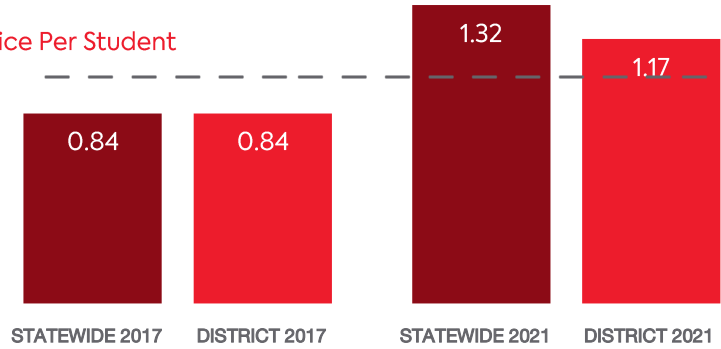


Statewide Coverage



COMPUTING DEVICES PER STUDENT

1 Device Per Student



COMPUTING DEVICES USED IN SCHOOLS

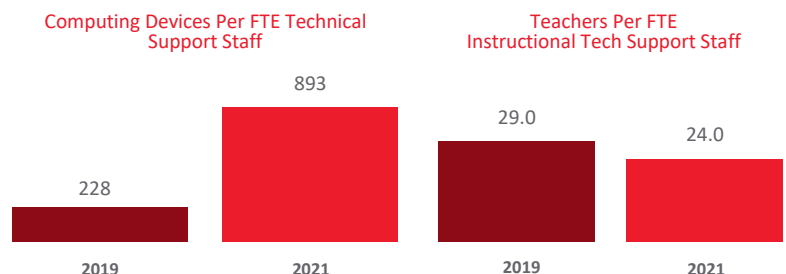
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	675	39	+127	22%	-30%
LAPTOPS WINDOWS OS	44	14	+39	205%	112%
DESKTOPS MAC	197	83	-749	-73%	-25%
LAPTOPS MAC	0	538	+312	138%	3%
CHROMEBOOKS GOOGLE	10,495	604	+5,109	85%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	453	243	+185	36%	21%
OTHER DEVICES	15	0	-15	-50%	-88%
ALL COMPUTING DEVICES	11,879	1,521	+5,008	60%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



JORDAN SCHOOL DISTRICT

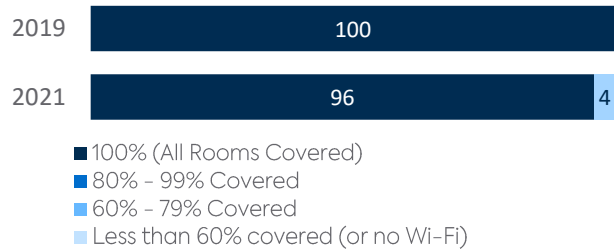
DISTRICT FACTS

ENROLLMENT57,961
 NUMBER OF SCHOOLS 68
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE1%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE3%

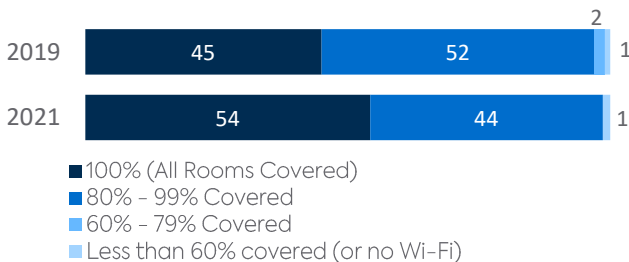
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

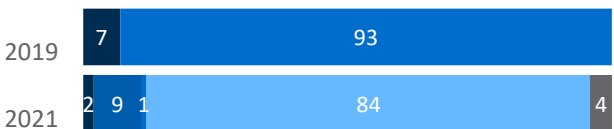


Statewide Coverage

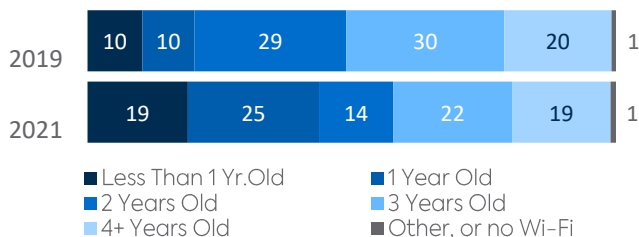


Age of Wi-Fi Access Points Reported by Schools (%)

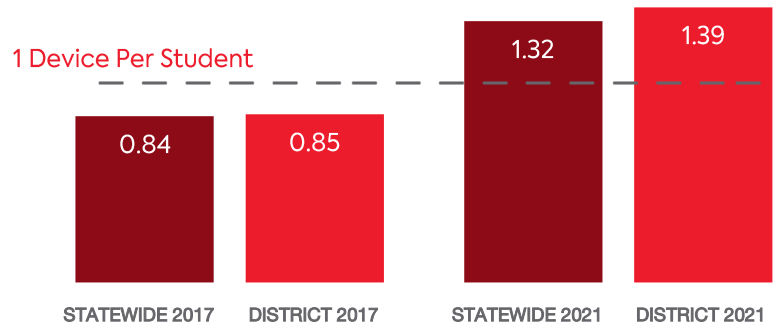
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	5,400	959	-29	-0%	-30%
LAPTOPS WINDOWS OS	952	1,375	-1,477	-39%	112%
DESKTOPS MAC	1,548	464	-1,153	-36%	-25%
LAPTOPS MAC	4,602	3,169	+729	10%	3%
CHROMEBOOKS GOOGLE	62,502	299	+39,618	171%	126%
TABLETS WINDOWS	15	0	-1	-6%	86%
TABLETS ANDROID	20	0	+3	18%	-23%
TABLETS IOS	5,337	2,669	-1,828	-19%	21%
OTHER DEVICES	13	0	-48	-79%	-88%
ALL COMPUTING DEVICES	80,389	8,935	+35,814	67%	59%

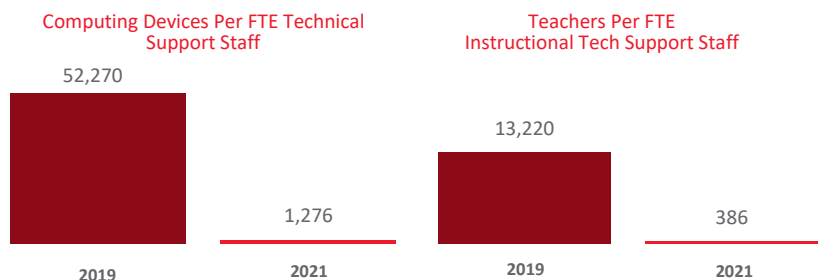
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



JUAB SCHOOL DISTRICT

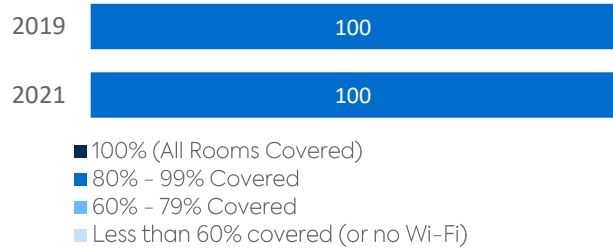
DISTRICT FACTS

ENROLLMENT	2,687
NUMBER OF SCHOOLS	5
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	1.8%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	1%

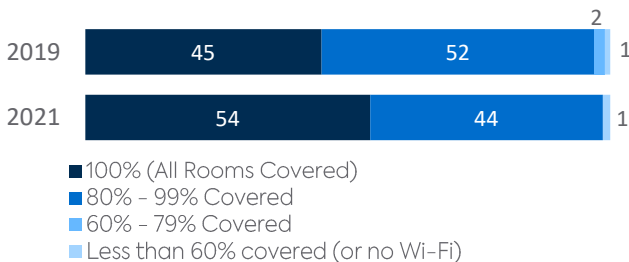
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage



Statewide Coverage

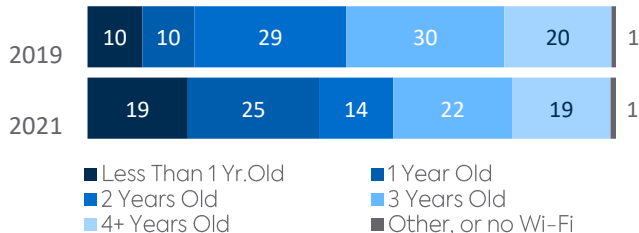


Age of Wi-Fi Access Points Reported by Schools (%)

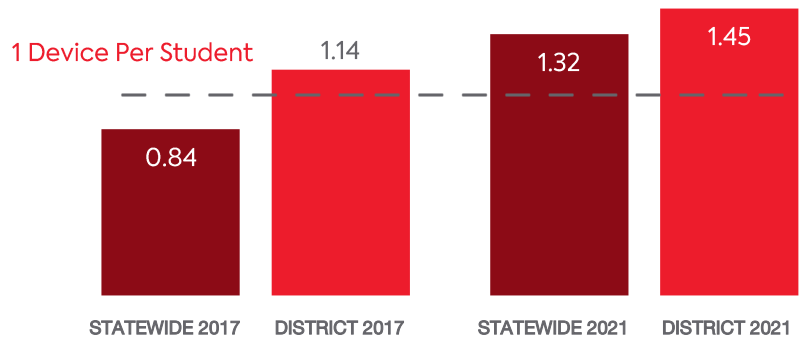
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	91	6	+28	41%	-30%
LAPTOPS WINDOWS OS	30	8	+21	124%	112%
DESKTOPS MAC	354	22	-56	-13%	-25%
LAPTOPS MAC	29	261	+11	4%	3%
CHROMEBOOKS GOOGLE	505	0	+266	111%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	2,889	215	+763	33%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	3,898	512	+1,033	31%	59%

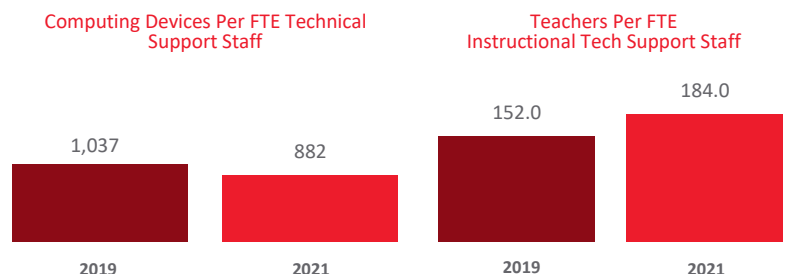
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



KANE COUNTY SCHOOL DISTRICT

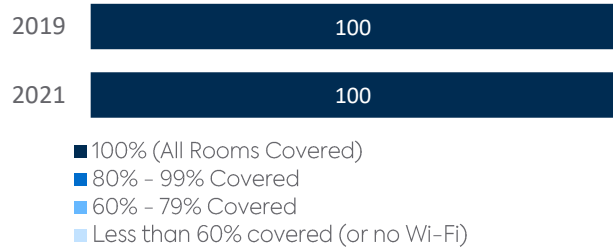
DISTRICT FACTS

ENROLLMENT1,378
 NUMBER OF SCHOOLS7
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE4.1%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 5%

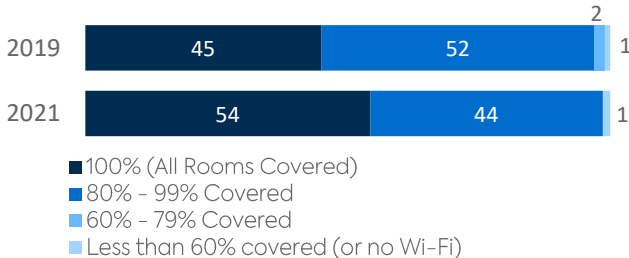
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

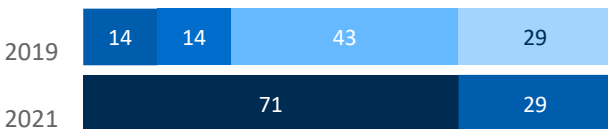


Statewide Coverage

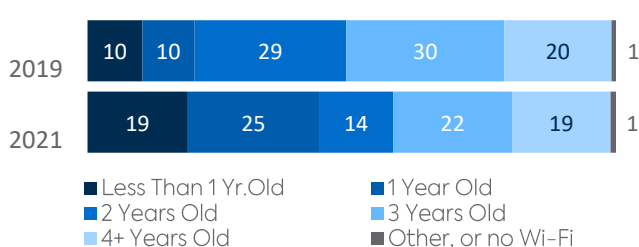


Age of Wi-Fi Access Points Reported by Schools (%)

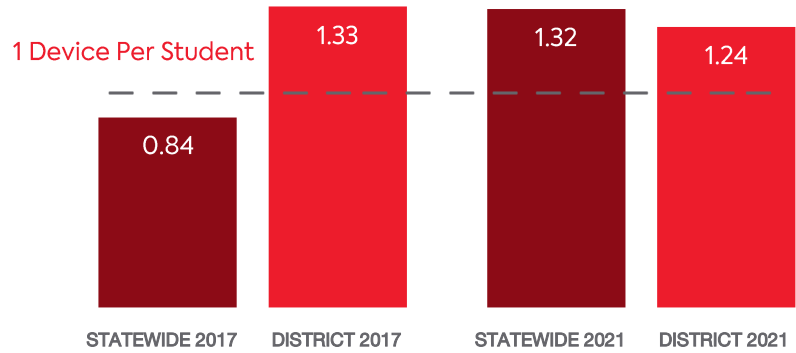
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

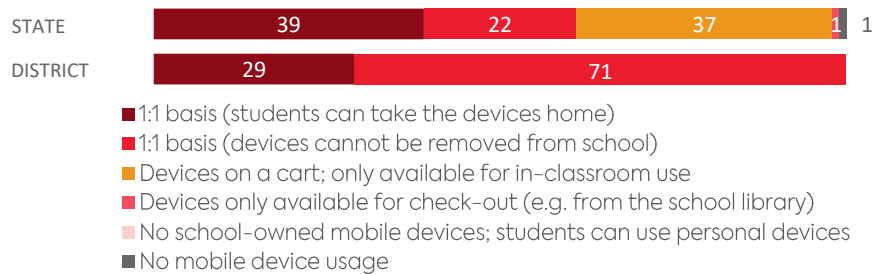


COMPUTING DEVICES USED IN SCHOOLS

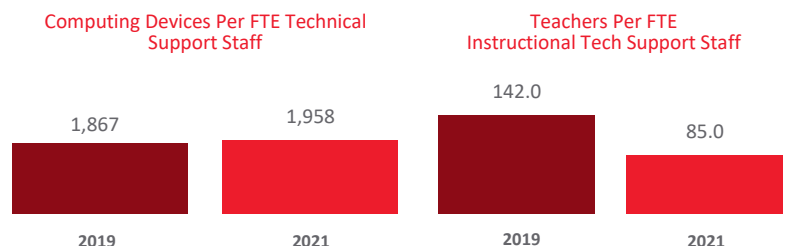
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	179	132	-62	-17%	-30%
LAPTOPS WINDOWS OS	2	11	+1	8%	112%
DESKTOPS MAC	13	3	-14	-47%	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	1,491	73	+163	12%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	20	34	-5	-8%	21%
OTHER DEVICES	0	0	-30	-100%	-88%
ALL COMPUTING DEVICES	1,705	253	+53	3%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



LOGAN CITY SCHOOL DISTRICT

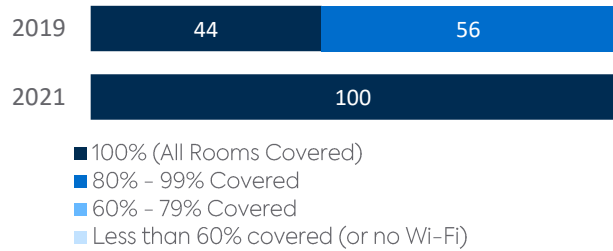
DISTRICT FACTS

ENROLLMENT5,376
 NUMBER OF SCHOOLS9
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE5%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE1%

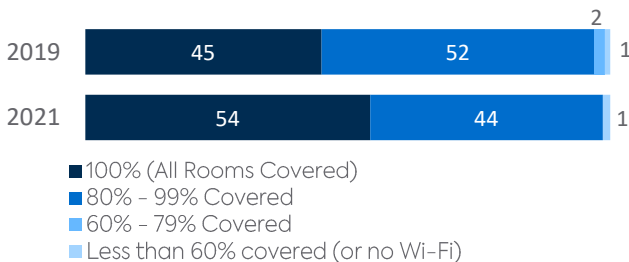
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

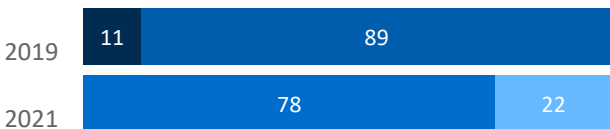


Statewide Coverage

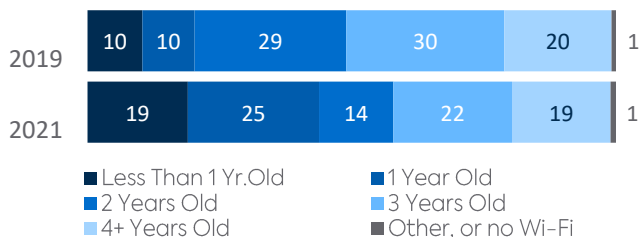


Age of Wi-Fi Access Points Reported by Schools (%)

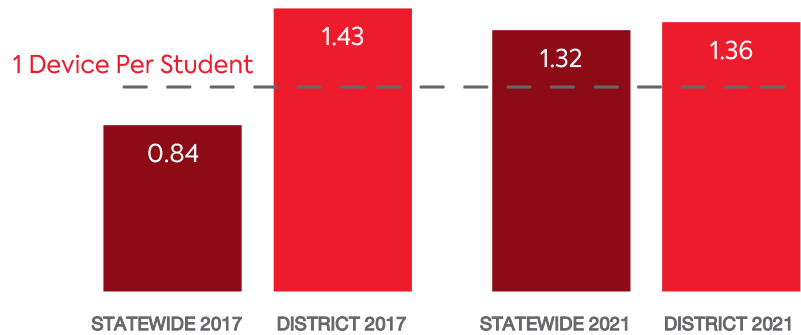
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	504	269	-328	-30%	-30%
LAPTOPS WINDOWS OS	193	201	-293	-43%	112%
DESKTOPS MAC	93	22	-264	-70%	-25%
LAPTOPS MAC	913	323	-1,026	-45%	3%
CHROMEBOOKS GOOGLE	4,974	0	+823	20%	126%
TABLETS WINDOWS	8	8	16	N/A	86%
TABLETS ANDROID	0	1	+1	N/A	-23%
TABLETS IOS	630	203	+116	16%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	7,315	1,027	-955	-10%	59%

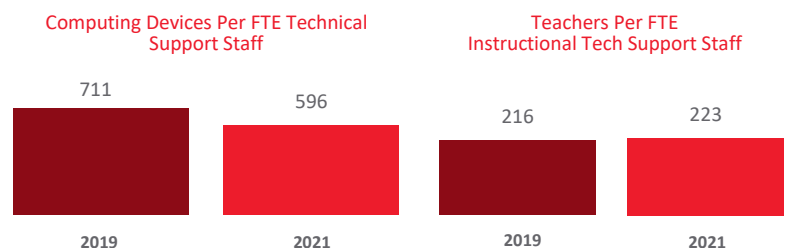
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



MILLARD COUNTY SCHOOL DISTRICT

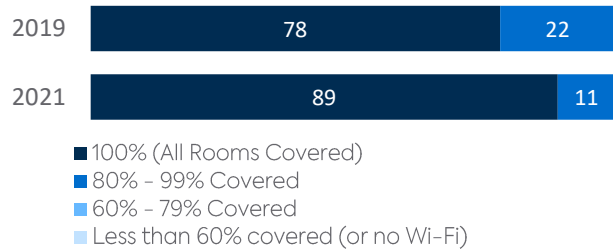
DISTRICT FACTS

ENROLLMENT3,074
 NUMBER OF SCHOOLS9
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 5%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 1%

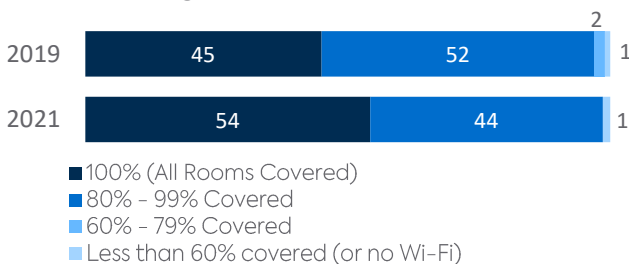
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

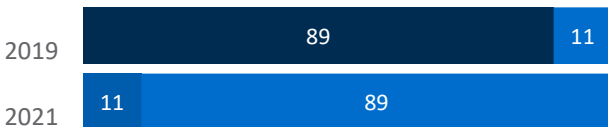


Statewide Coverage

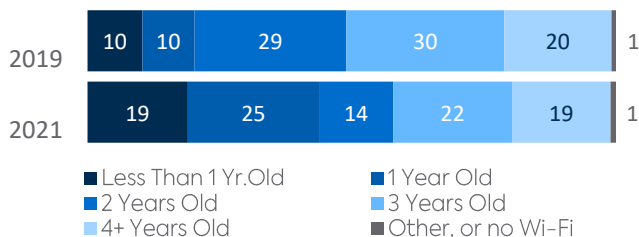


Age of Wi-Fi Access Points Reported by Schools (%)

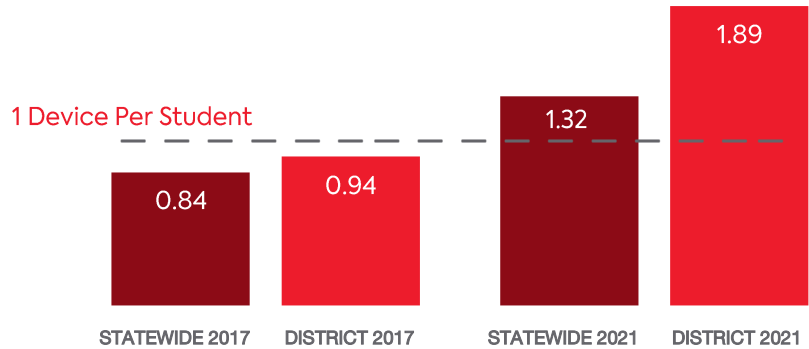
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

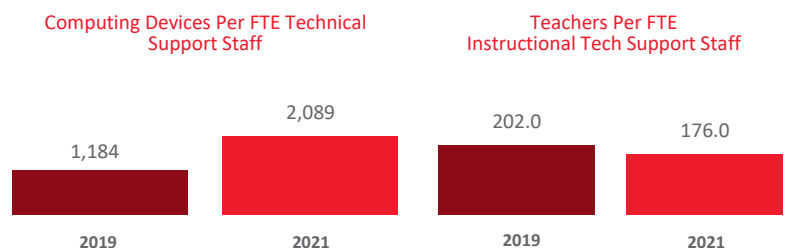
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	211	212	-550	-57%	-30%
LAPTOPS WINDOWS OS	0	189	-277	-59%	112%
DESKTOPS MAC	0	0	-7	-100%	-25%
LAPTOPS MAC	0	0	-12	-100%	3%
CHROMEBOOKS GOOGLE	5,346	0	+3,385	173%	126%
TABLETS WINDOWS	0	0	-17	-100%	86%
TABLETS ANDROID	0	0	-1	-100%	-23%
TABLETS IOS	148	42	-110	-37%	21%
OTHER DEVICES	120	0	120	N/A	-88%
ALL COMPUTING DEVICES	5,825	443	+2,531	68%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



MORGAN SCHOOL DISTRICT

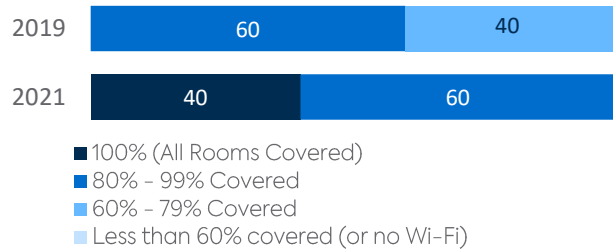
DISTRICT FACTS

ENROLLMENT 3,418
 NUMBER OF SCHOOLS 5
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 0.7%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

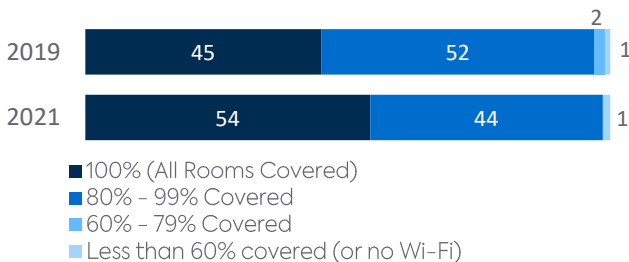
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

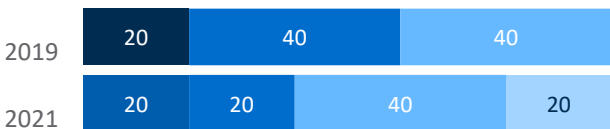


Statewide Coverage

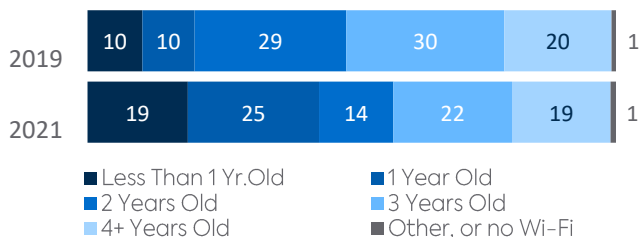


Age of Wi-Fi Access Points Reported by Schools (%)

District Coverage

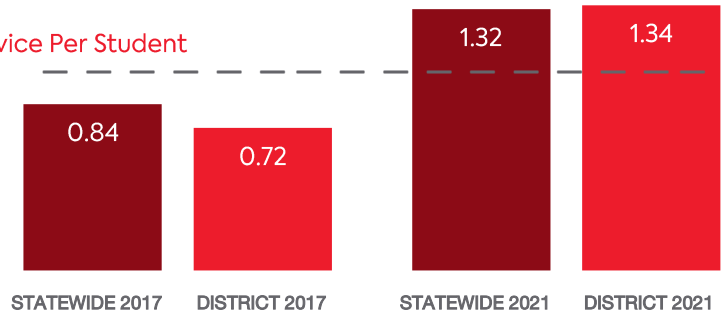


Statewide Coverage



COMPUTING DEVICES PER STUDENT

1 Device Per Student



COMPUTING DEVICES USED IN SCHOOLS

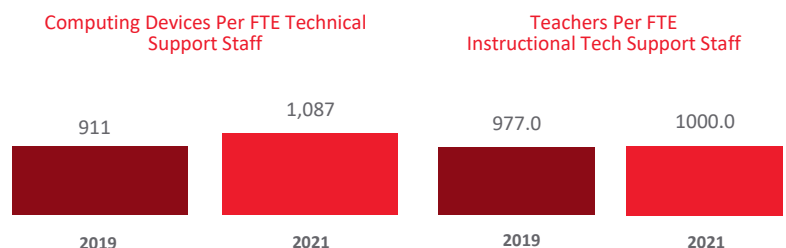
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	208	135	+50	17%	-30%
LAPTOPS WINDOWS OS	70	97	+62	59%	112%
DESKTOPS MAC	66	5	+33	87%	-25%
LAPTOPS MAC	32	23	+52	1733%	3%
CHROMEBOOKS GOOGLE	3,620	32	+1,967	117%	126%
TABLETS WINDOWS	15	2	0	0%	86%
TABLETS ANDROID	180	2	0	0%	-23%
TABLETS IOS	335	30	+235	181%	21%
OTHER DEVICES	40	0	40	N/A	-88%
ALL COMPUTING DEVICES	4,566	326	+2,439	99%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



MURRAY CITY SCHOOL DISTRICT

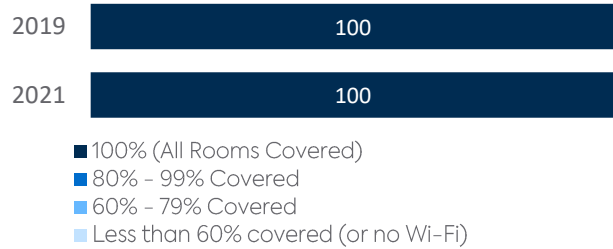
DISTRICT FACTS

ENROLLMENT6,148
 NUMBER OF SCHOOLS 11
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE9.4%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 5%

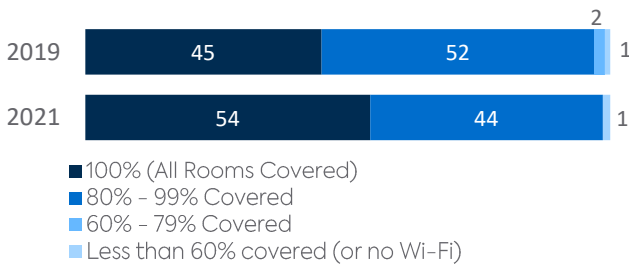
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

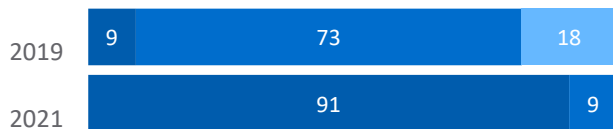


Statewide Coverage

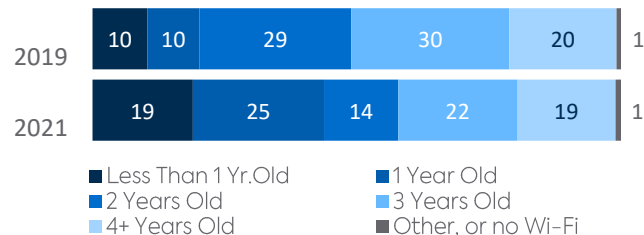


Age of Wi-Fi Access Points Reported by Schools (%)

District Coverage

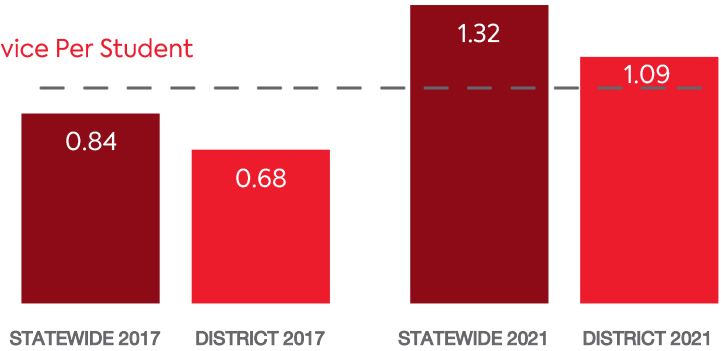


Statewide Coverage



COMPUTING DEVICES PER STUDENT

1 Device Per Student

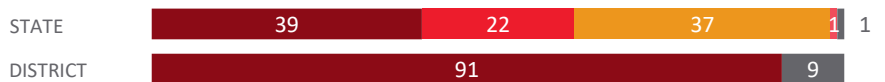


COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	592	65	-482	-42%	-30%
LAPTOPS WINDOWS OS	5	389	-615	-61%	112%
DESKTOPS MAC	38	0	-39	-51%	-25%
LAPTOPS MAC	0	191	+124	185%	3%
CHROMEBOOKS GOOGLE	5,995	199	+3,403	122%	126%
TABLETS WINDOWS	36	0	36	N/A	86%
TABLETS ANDROID	6	0	-18	-75%	-23%
TABLETS IOS	20	76	+39	68%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	6,692	920	+2,448	47%	59%

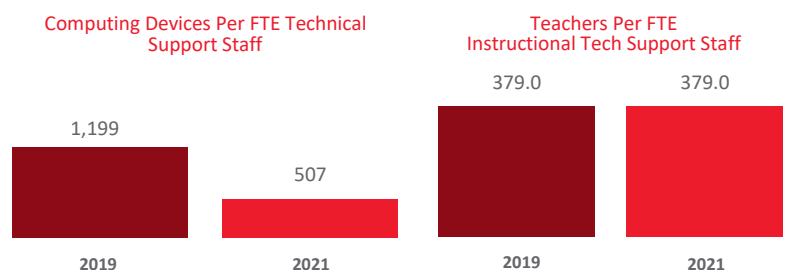
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



NEBO SCHOOL DISTRICT

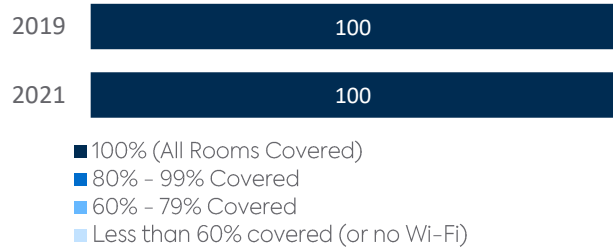
DISTRICT FACTS

ENROLLMENT35,053
 NUMBER OF SCHOOLS46
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE10.4%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE0%

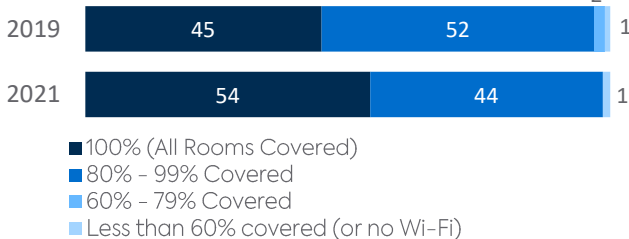
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

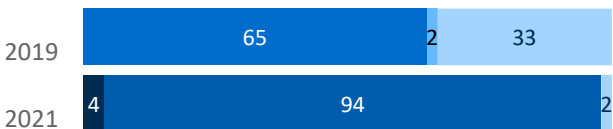


Statewide Coverage

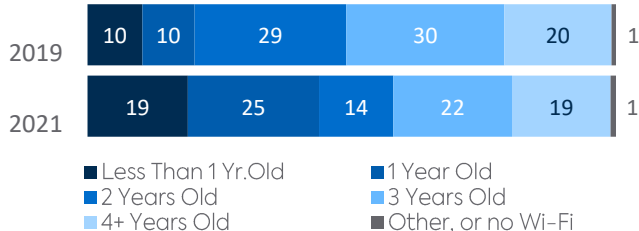


Age of Wi-Fi Access Points Reported by Schools (%)

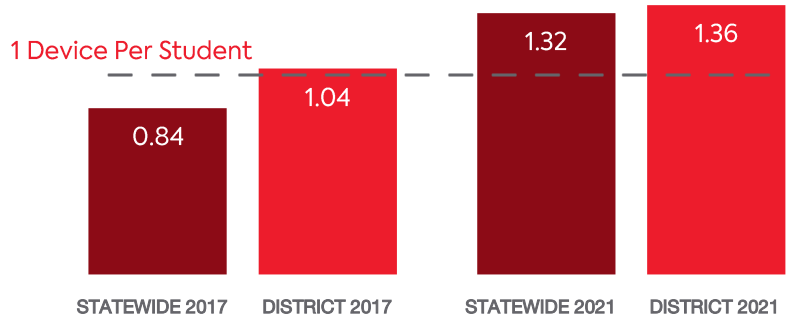
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	5,104	2,245	-2,432	-25%	-30%
LAPTOPS WINDOWS OS	30	323	+143	68%	112%
DESKTOPS MAC	200	2	+2	1%	-25%
LAPTOPS MAC	5	122	+127	N/A	3%
CHROMEBOOKS GOOGLE	38,637	0	+15,439	67%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	3,868	2,203	+761	14%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	47,844	4,895	+14,040	36%	59%

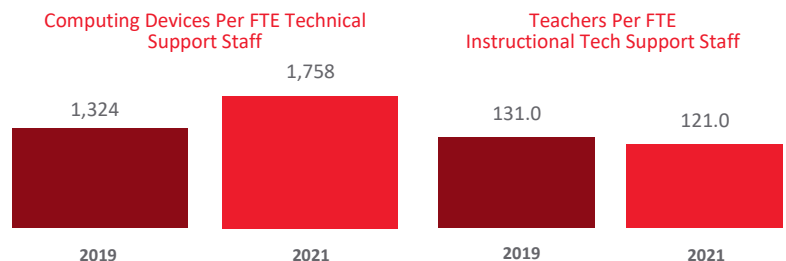
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



NORTH SANPETE SCHOOL DISTRICT

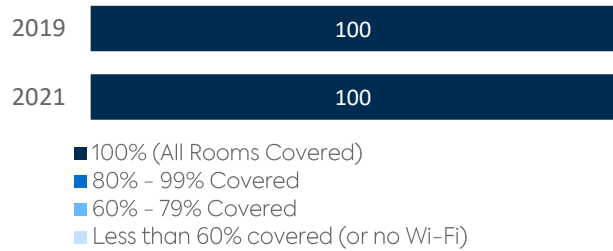
DISTRICT FACTS

ENROLLMENT2,729
 NUMBER OF SCHOOLS8
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE4.8%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 10%

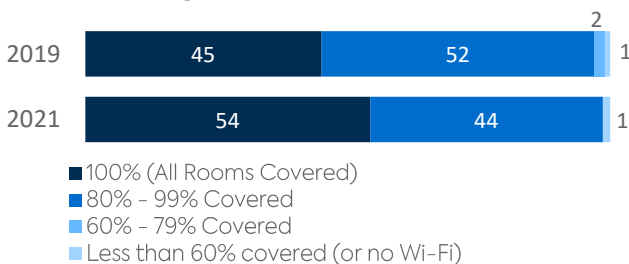
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

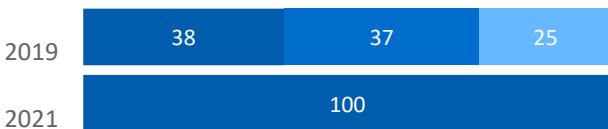


Statewide Coverage

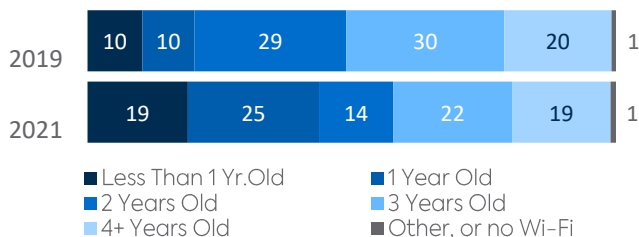


Age of Wi-Fi Access Points Reported by Schools (%)

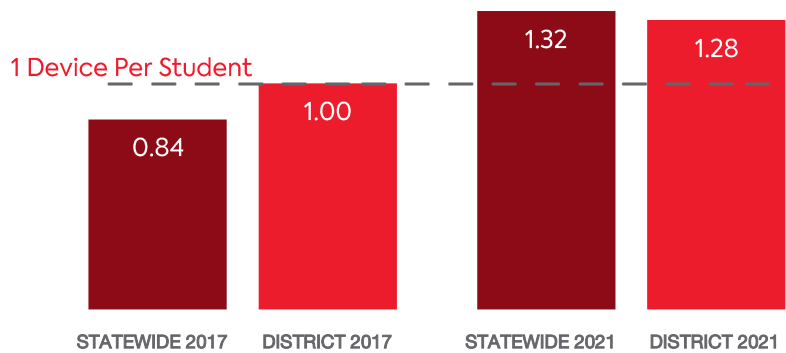
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

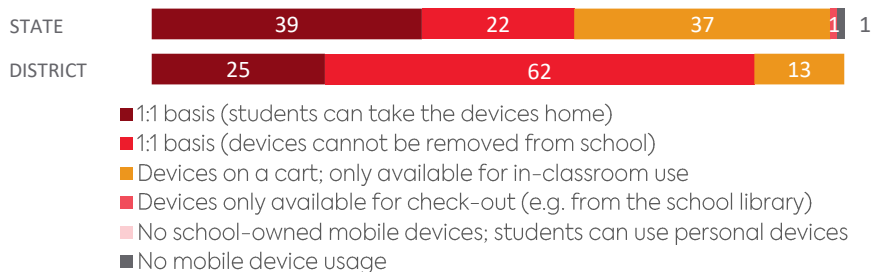


COMPUTING DEVICES USED IN SCHOOLS

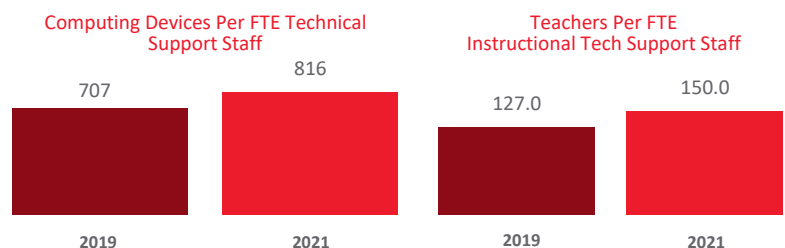
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	50	3	-93	-64%	-30%
LAPTOPS WINDOWS OS	0	2	-1	-33%	112%
DESKTOPS MAC	384	3	-84	-18%	-25%
LAPTOPS MAC	274	178	-72	-14%	3%
CHROMEBOOKS GOOGLE	30	0	-125	-81%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	2,746	166	+1,393	92%	21%
OTHER DEVICES	0	0	-58	-100%	-88%
ALL COMPUTING DEVICES	3,484	352	+960	33%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



NORTH SUMMIT SCHOOL DISTRICT

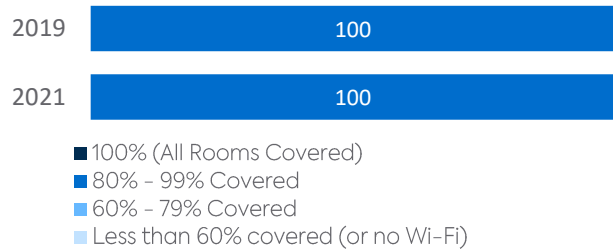
DISTRICT FACTS

ENROLLMENT1,030
 NUMBER OF SCHOOLS3
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE8%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE0%

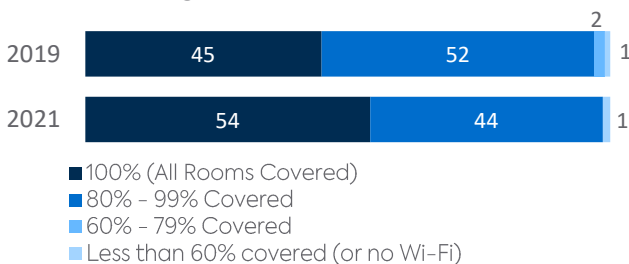
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

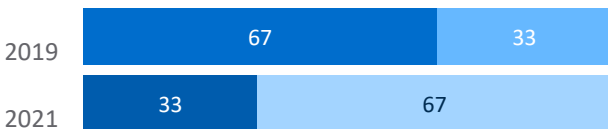


Statewide Coverage

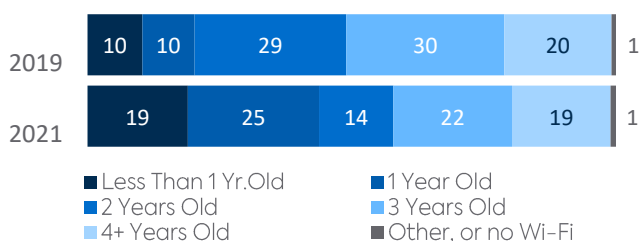


Age of Wi-Fi Access Points Reported by Schools (%)

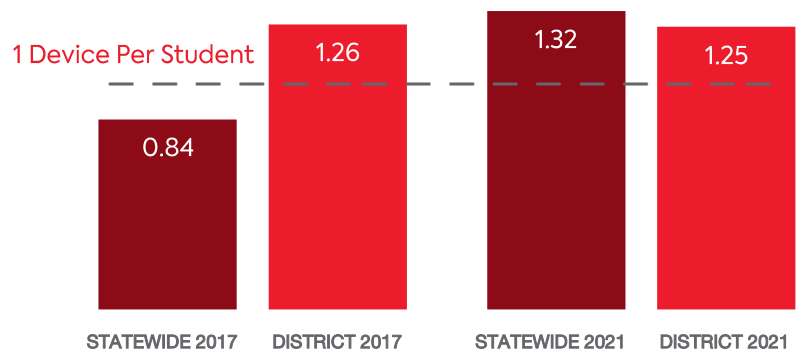
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	2	-31	-94%	-30%
LAPTOPS WINDOWS OS	0	0	0	N/A	112%
DESKTOPS MAC	142	35	-93	-34%	-25%
LAPTOPS MAC	740	163	+78	9%	3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	402	77	-5	-1%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	1,284	277	-51	-3%	59%

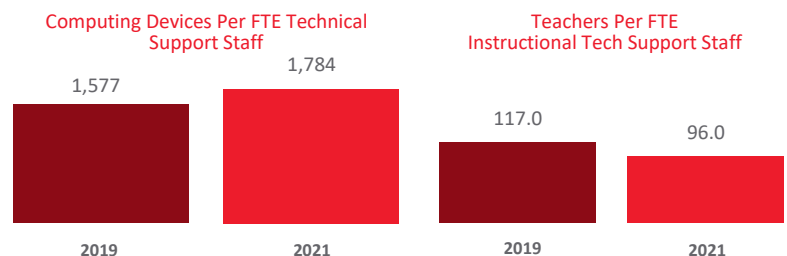
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



OGDEN CITY SCHOOL DISTRICT

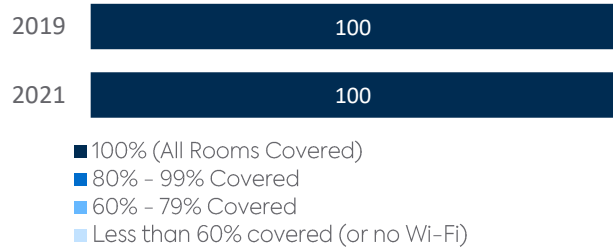
DISTRICT FACTS

ENROLLMENT10,300
 NUMBER OF SCHOOLS 19
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 5%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 5%

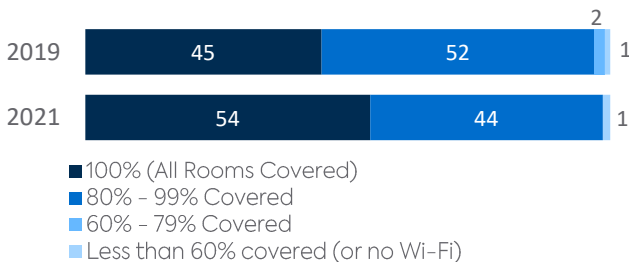
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage



Statewide Coverage

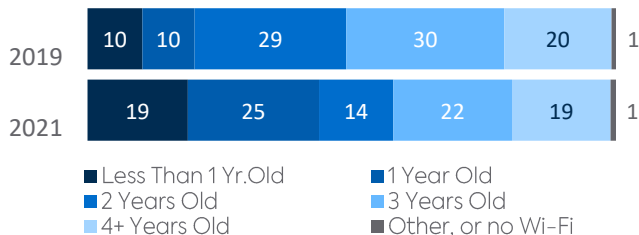


Age of Wi-Fi Access Points Reported by Schools (%)

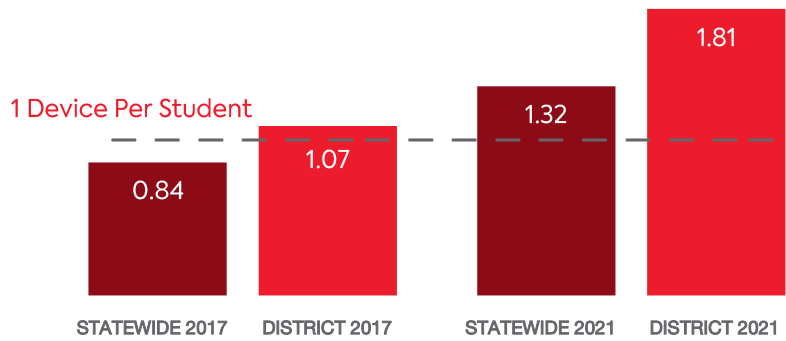
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

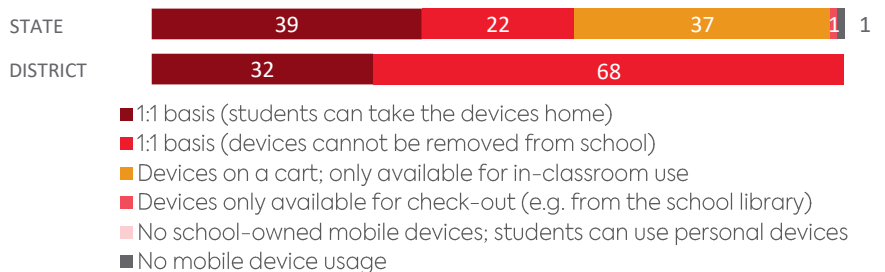


COMPUTING DEVICES USED IN SCHOOLS

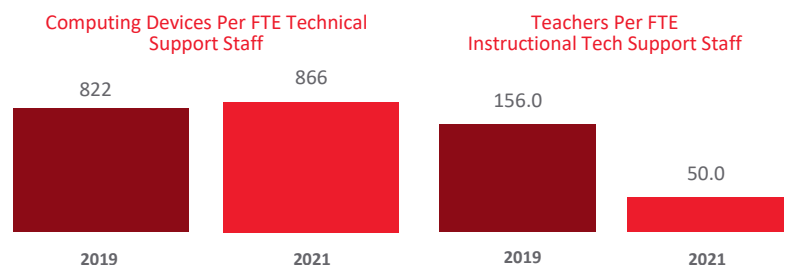
	Student Use	Teacher/ Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	632	1,304	-2,564	-57%	-30%
LAPTOPS WINDOWS OS	293	640	-209	-18%	112%
DESKTOPS MAC	7	0	-55	-89%	-25%
LAPTOPS MAC	0	8	0	0%	3%
CHROMEBOOKS GOOGLE	17,399	136	+11,845	208%	126%
TABLETS WINDOWS	0	0	-6	-100%	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	360	199	-1,137	-67%	21%
OTHER DEVICES	0	0	-55	-100%	-88%
ALL COMPUTING DEVICES	18,691	2,287	+7,819	59%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



PARK CITY SCHOOL DISTRICT

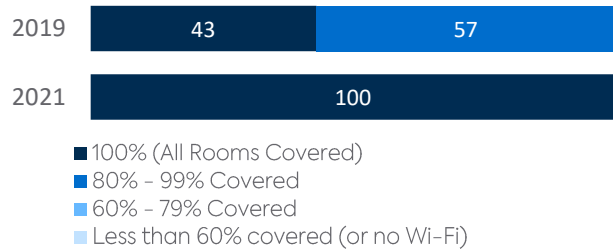
DISTRICT FACTS

ENROLLMENT4,592
 NUMBER OF SCHOOLS7
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE1.3%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE2%

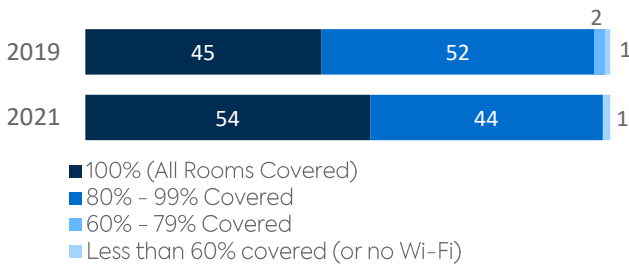
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage



Statewide Coverage

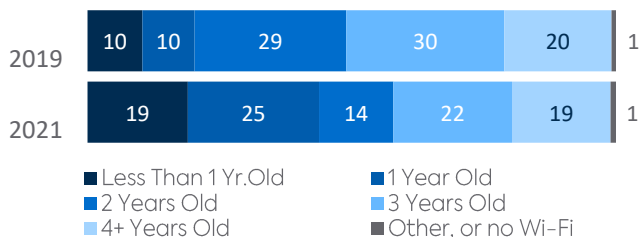


Age of Wi-Fi Access Points Reported by Schools (%)

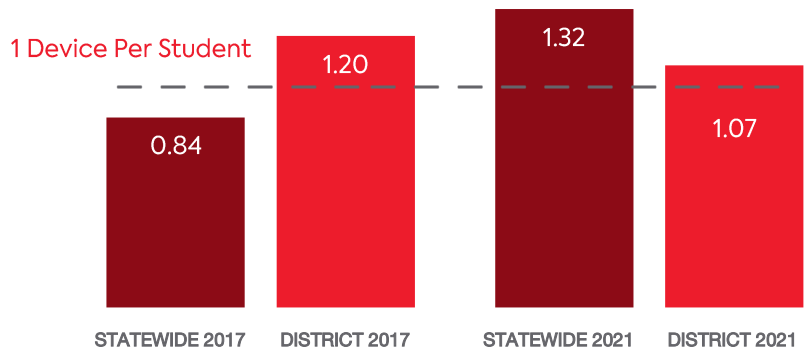
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

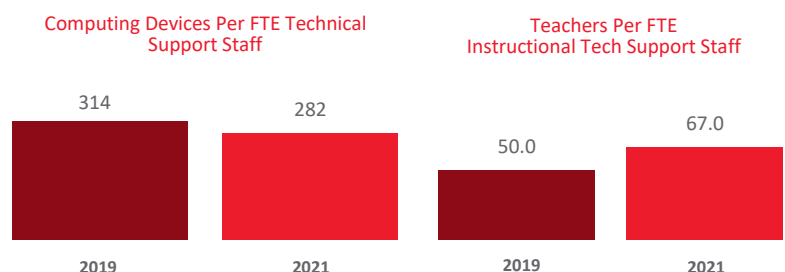
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	22	-27	-55%	-30%
LAPTOPS WINDOWS OS	60	7	+54	415%	112%
DESKTOPS MAC	62	37	-173	-64%	-25%
LAPTOPS MAC	3,511	413	-1,408	-26%	3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	10	0	-1	-9%	-23%
TABLETS IOS	1,253	273	+558	58%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	4,896	752	-997	-15%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



PIUTE COUNTY SCHOOL DISTRICT

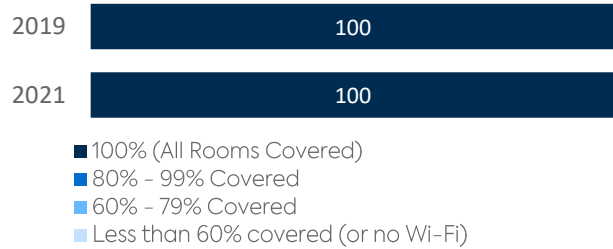
DISTRICT FACTS

ENROLLMENT	306
NUMBER OF SCHOOLS	3
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	2.3%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

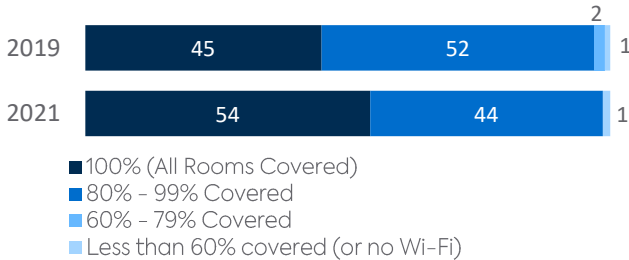
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

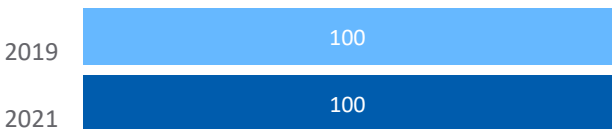


Statewide Coverage

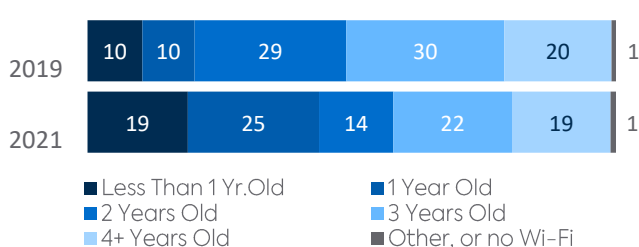


Age of Wi-Fi Access Points Reported by Schools (%)

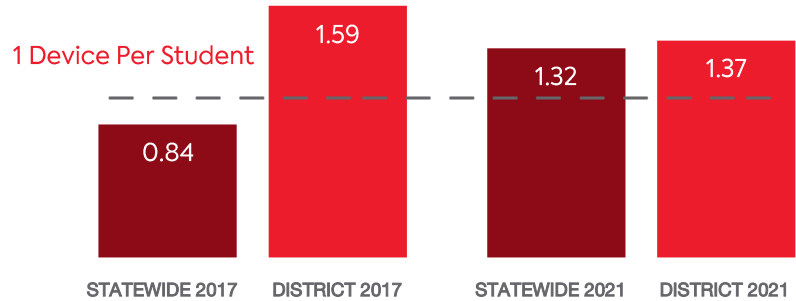
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

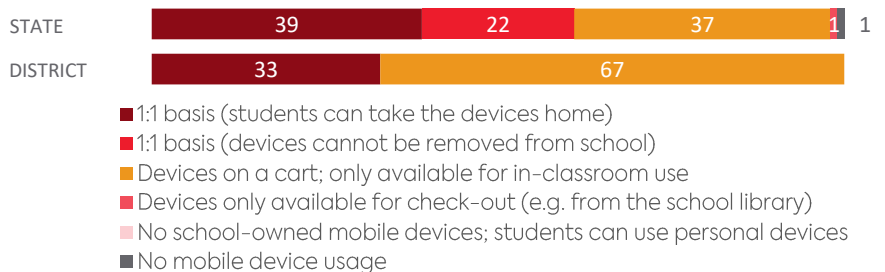


COMPUTING DEVICES USED IN SCHOOLS

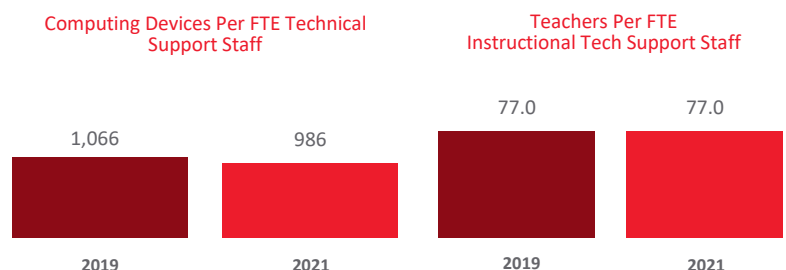
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	0	0	N/A	-30%
LAPTOPS WINDOWS OS	0	0	-1	-100%	112%
DESKTOPS MAC	49	32	-12	-13%	-25%
LAPTOPS MAC	106	8	+42	58%	3%
CHROMEBOOKS GOOGLE	157	0	+13	9%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	107	34	-108	-43%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	419	74	-66	-12%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



PROVO CITY SCHOOL DISTRICT

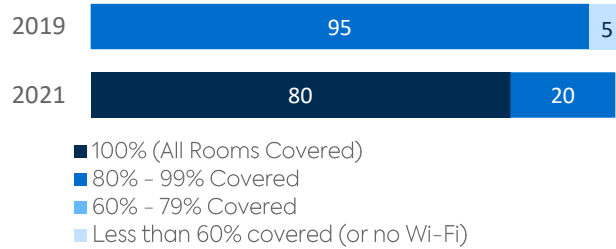
DISTRICT FACTS

ENROLLMENT 13,624
 NUMBER OF SCHOOLS 20
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 16.7%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 1%

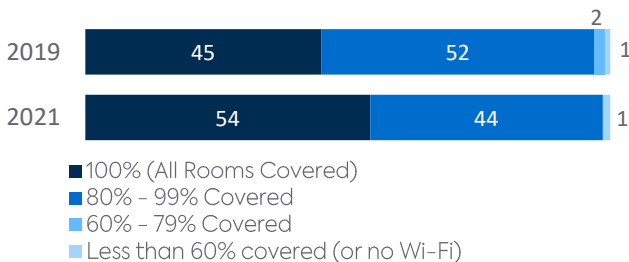
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

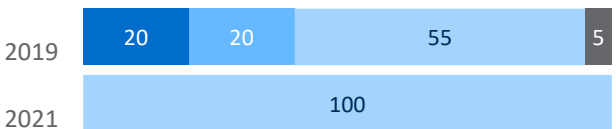


Statewide Coverage

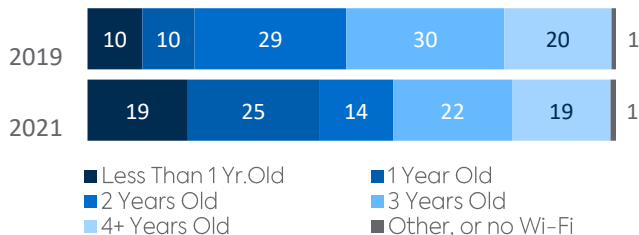


Age of Wi-Fi Access Points Reported by Schools (%)

District Coverage

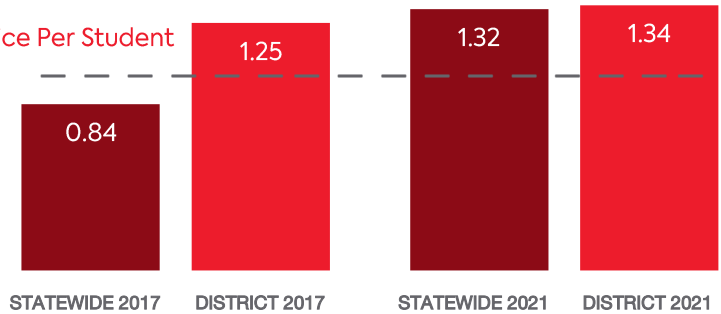


Statewide Coverage



COMPUTING DEVICES PER STUDENT

1 Device Per Student



COMPUTING DEVICES USED IN SCHOOLS

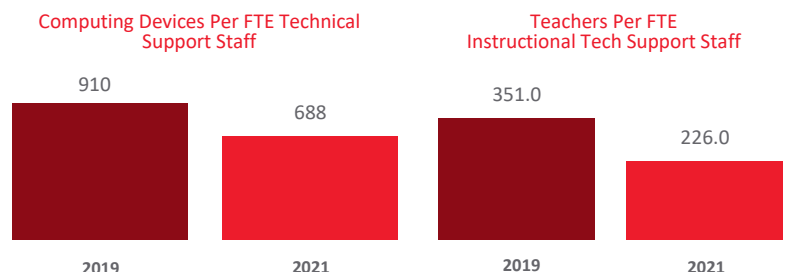
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	852	77	-330	-26%	-30%
LAPTOPS WINDOWS OS	94	80	-15	-8%	112%
DESKTOPS MAC	767	27	-1,819	-70%	-25%
LAPTOPS MAC	465	981	-633	-30%	3%
CHROMEBOOKS GOOGLE	14,018	123	+3,897	38%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	2,038	466	-595	-19%	21%
OTHER DEVICES	58	5	+63	N/A	-88%
ALL COMPUTING DEVICES	18,292	1,759	+568	3%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



RICH COUNTY SCHOOL DISTRICT

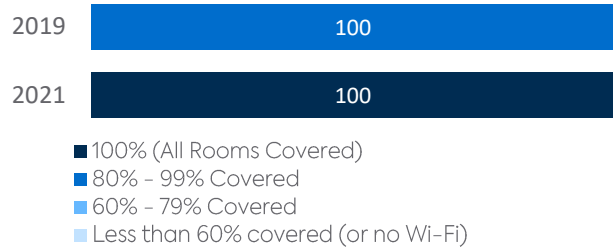
DISTRICT FACTS

ENROLLMENT 510
 NUMBER OF SCHOOLS 4
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

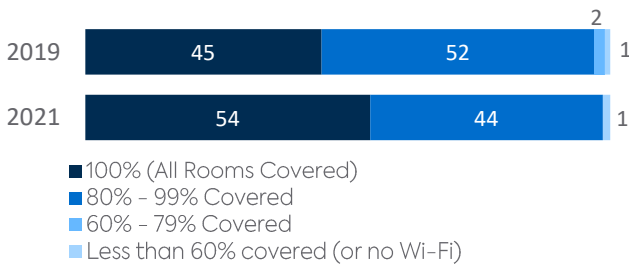
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

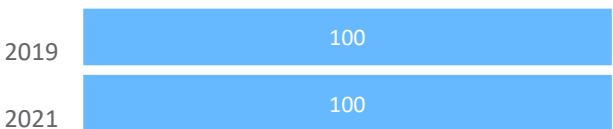


Statewide Coverage

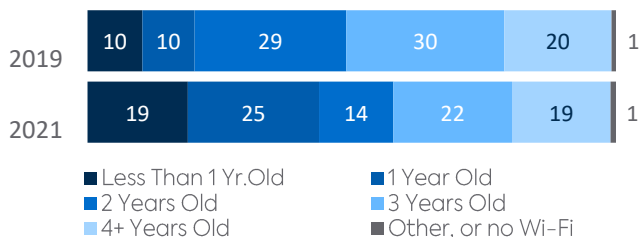


Age of Wi-Fi Access Points Reported by Schools (%)

District Coverage

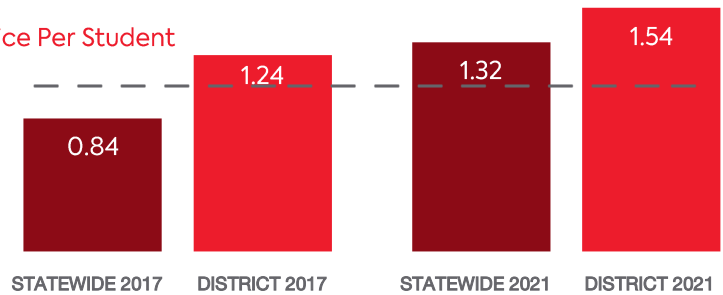


Statewide Coverage



COMPUTING DEVICES PER STUDENT

1 Device Per Student



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/ Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	103	39	+6	4%	-30%
LAPTOPS WINDOWS OS	390	31	+377	857%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	126%
TABLETS WINDOWS	0	0	-331	-100%	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	290	21	+73	31%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	783	91	+125	17%	59%

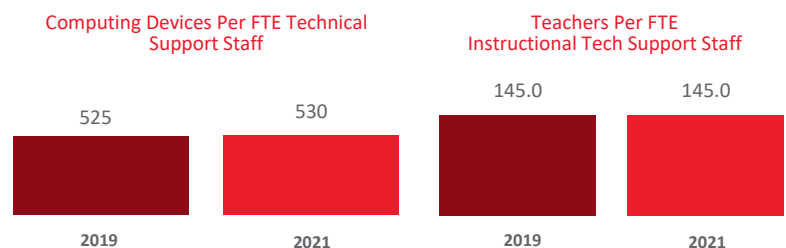
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



SALT LAKE CITY SCHOOL DISTRICT

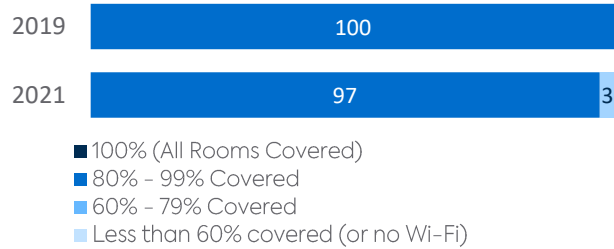
DISTRICT FACTS

ENROLLMENT18,963
 NUMBER OF SCHOOLS38
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 6.8%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 5%

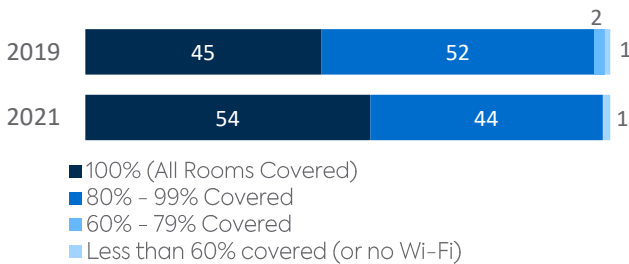
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

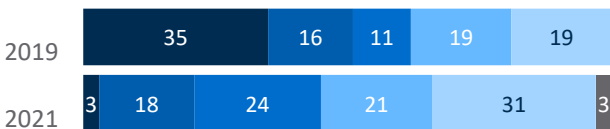


Statewide Coverage

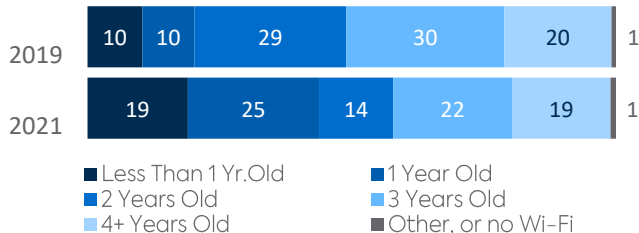


Age of Wi-Fi Access Points Reported by Schools (%)

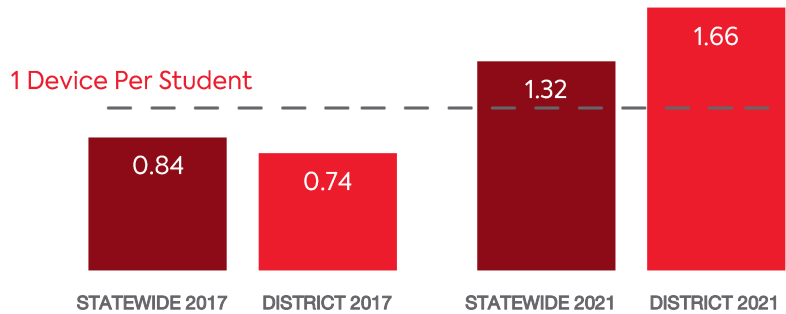
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

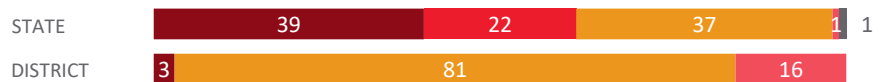


COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	5,019	1,686	-1,845	-22%	-30%
LAPTOPS WINDOWS OS	21,606	1,669	+15,666	206%	112%
DESKTOPS MAC	315	29	+193	128%	-25%
LAPTOPS MAC	0	181	+45	33%	3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	126%
TABLETS WINDOWS	29	60	-5	-5%	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	4,464	789	+988	23%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	31,433	4,414	+15,042	72%	59%

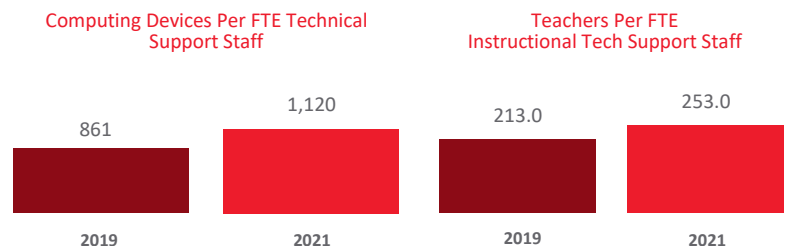
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



SAN JUAN COUNTY SCHOOL DISTRICT

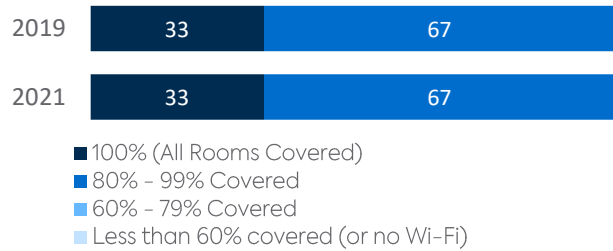
DISTRICT FACTS

ENROLLMENT3,064
 NUMBER OF SCHOOLS12
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE49.6%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE45%

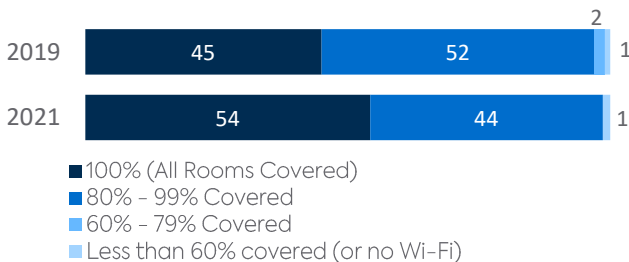
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

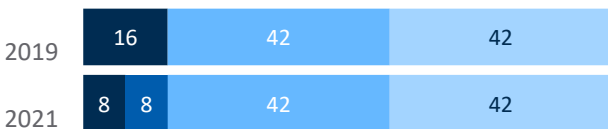


Statewide Coverage

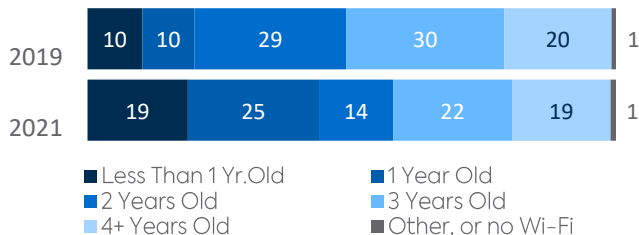


Age of Wi-Fi Access Points Reported by Schools (%)

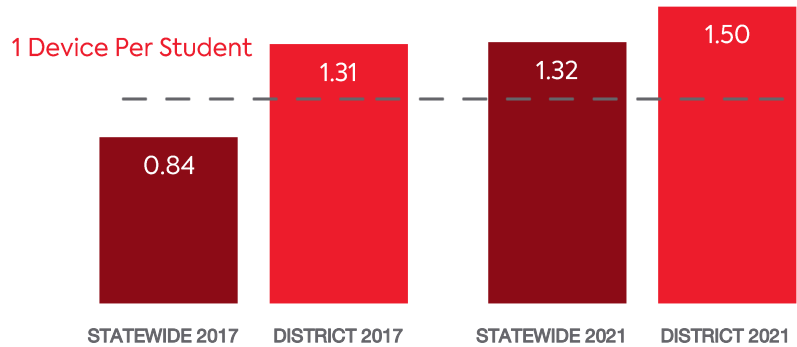
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	1,156	307	-166	-10%	-30%
LAPTOPS WINDOWS OS	0	81	-74	-48%	112%
DESKTOPS MAC	0	1	+1	N/A	-25%
LAPTOPS MAC	0	0	-1	-100%	3%
CHROMEBOOKS GOOGLE	3,383	116	+940	37%	126%
TABLETS WINDOWS	0	0	-1	-100%	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	52	43	-76	-44%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	4,591	548	+623	14%	59%

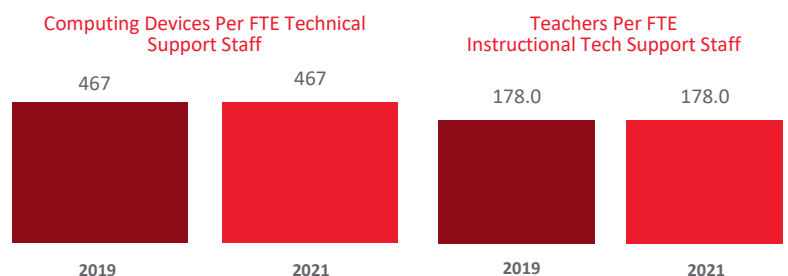
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



SEVIER SCHOOL DISTRICT

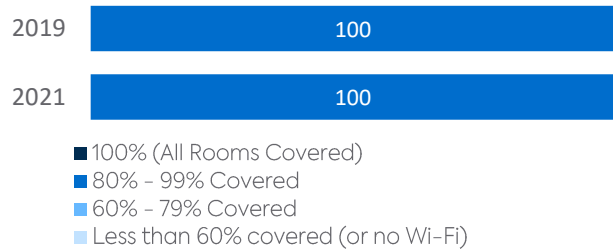
DISTRICT FACTS

ENROLLMENT4,593
 NUMBER OF SCHOOLS12
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE4.1%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE0%

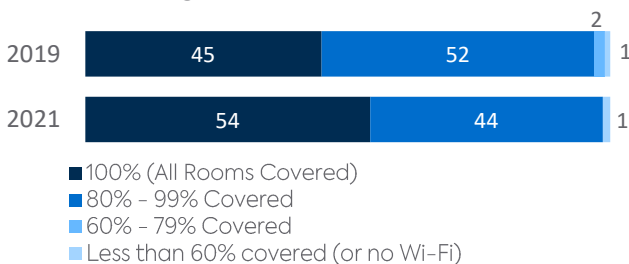
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

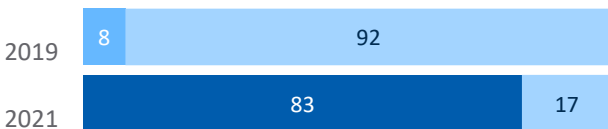


Statewide Coverage

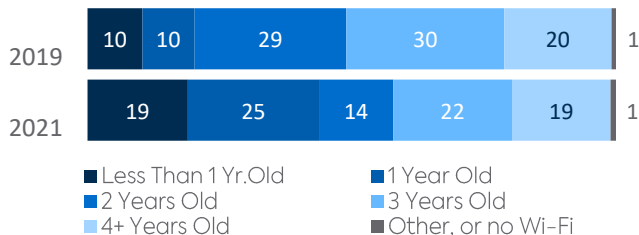


Age of Wi-Fi Access Points Reported by Schools (%)

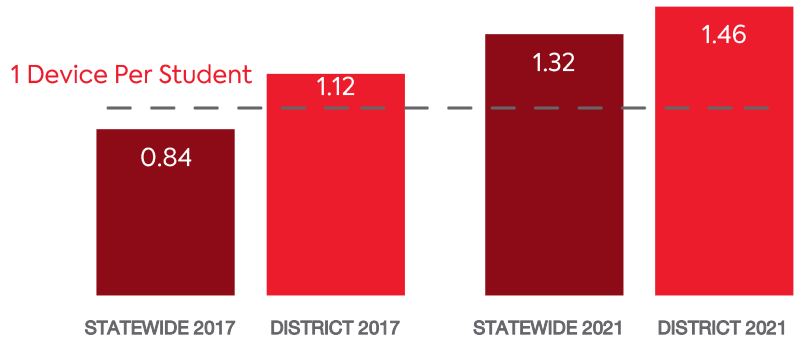
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	150	23	-29	-14%	-30%
LAPTOPS WINDOWS OS	0	5	0	0%	112%
DESKTOPS MAC	712	126	-479	-36%	-25%
LAPTOPS MAC	76	218	+167	131%	3%
CHROMEBOOKS GOOGLE	5,347	10	+2,385	80%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	437	390	-393	-32%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	6,722	772	+1,651	28%	59%

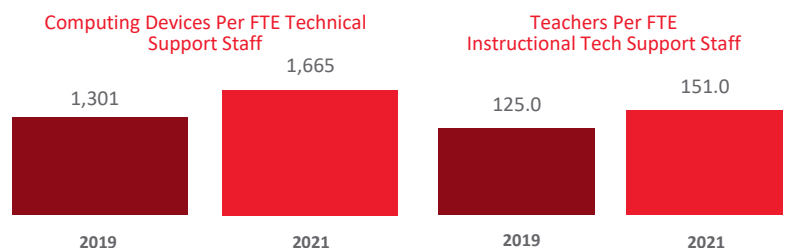
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



SOUTH SANPETE SCHOOL DISTRICT

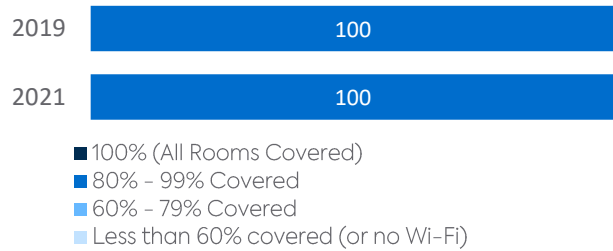
DISTRICT FACTS

ENROLLMENT3,345
 NUMBER OF SCHOOLS7
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE1%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE4%

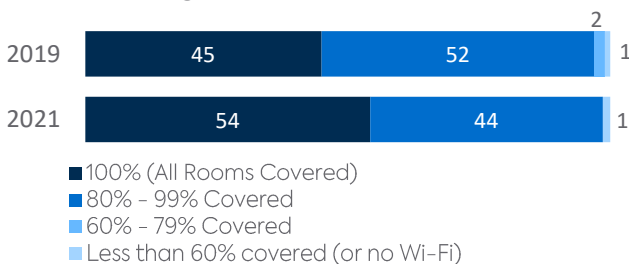
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

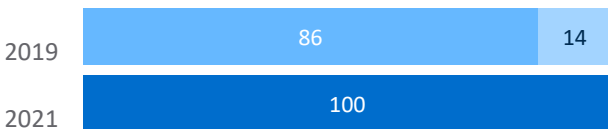


Statewide Coverage

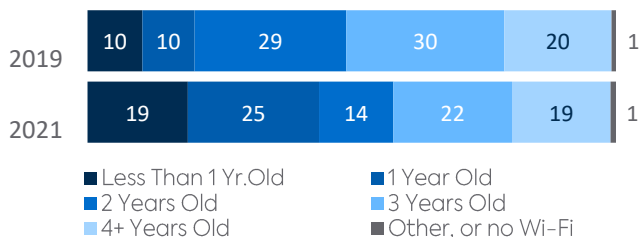


Age of Wi-Fi Access Points Reported by Schools (%)

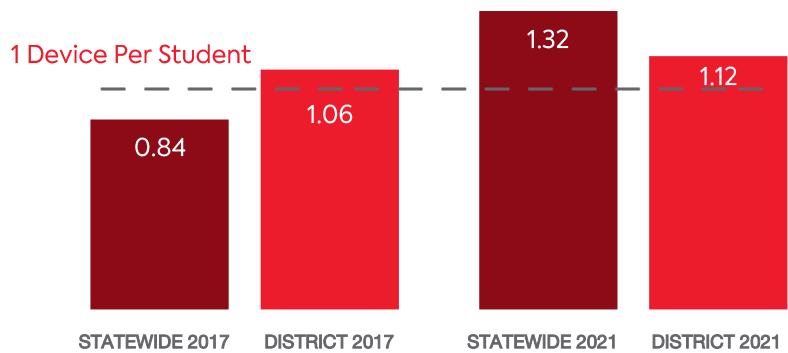
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

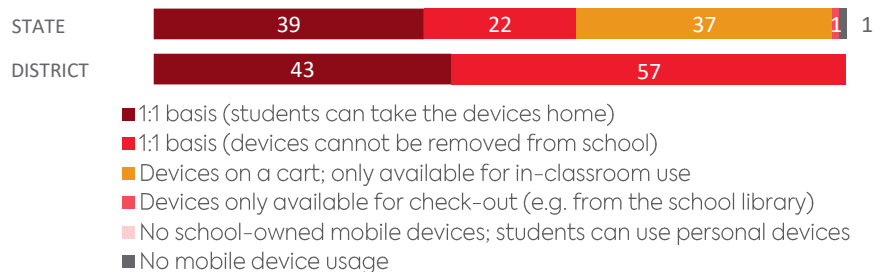


COMPUTING DEVICES USED IN SCHOOLS

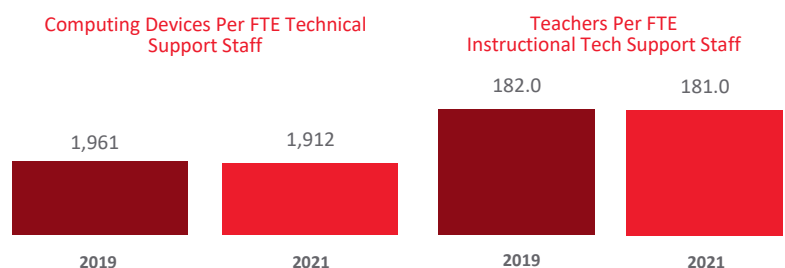
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	68	2	+37	112%	-30%
LAPTOPS WINDOWS OS	0	0	0	N/A	112%
DESKTOPS MAC	395	244	-162	-20%	-25%
LAPTOPS MAC	98	45	-7	-5%	3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	3,197	254	+316	10%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	3,758	545	+184	4%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



SOUTH SUMMIT SCHOOL DISTRICT

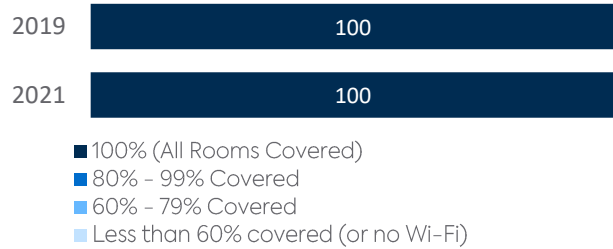
DISTRICT FACTS

ENROLLMENT1,719
 NUMBER OF SCHOOLS4
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE0%

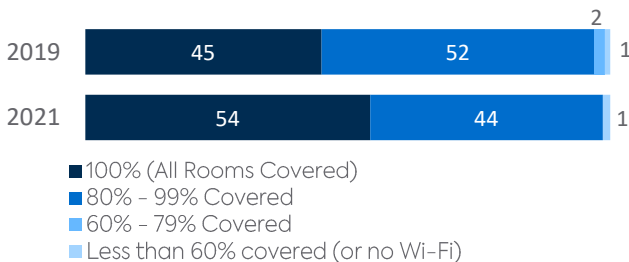
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage



Statewide Coverage

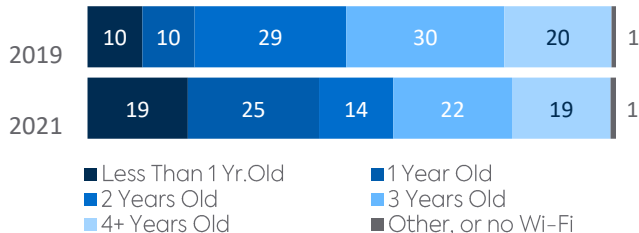


Age of Wi-Fi Access Points Reported by Schools (%)

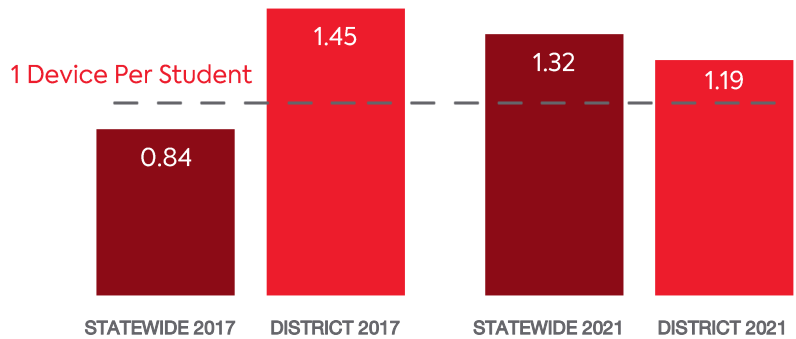
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/ Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	35	3	0	0%	-30%
LAPTOPS WINDOWS OS	30	4	+1	3%	112%
DESKTOPS MAC	68	128	-152	-44%	-25%
LAPTOPS MAC	1,580	149	-156	-8%	3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	330	36	-218	-37%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	2,043	320	-525	-18%	59%

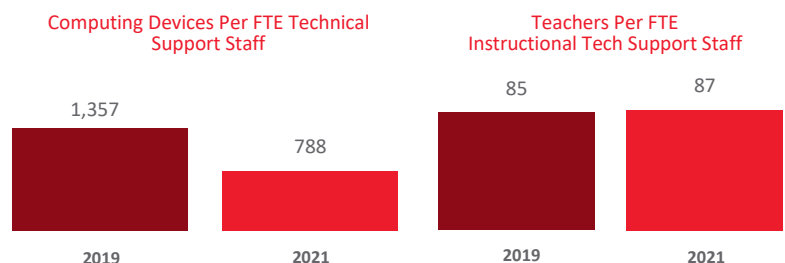
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



TINTIC SCHOOL DISTRICT

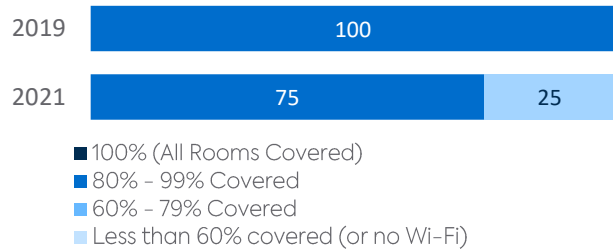
DISTRICT FACTS

ENROLLMENT 233
 NUMBER OF SCHOOLS 4
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 4.5%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

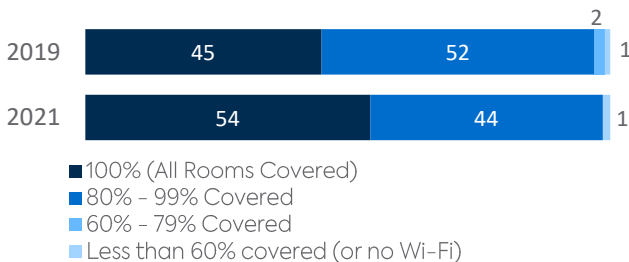
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

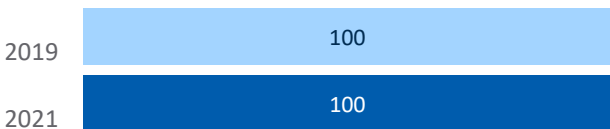


Statewide Coverage

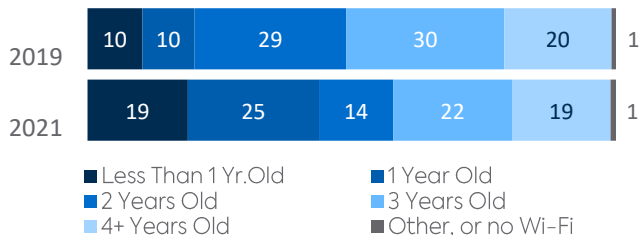


Age of Wi-Fi Access Points Reported by Schools (%)

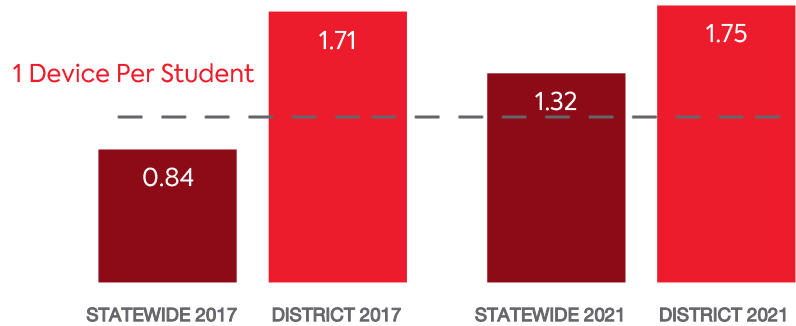
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

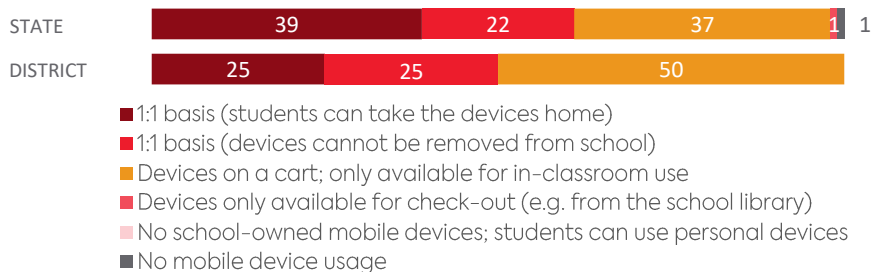


COMPUTING DEVICES USED IN SCHOOLS

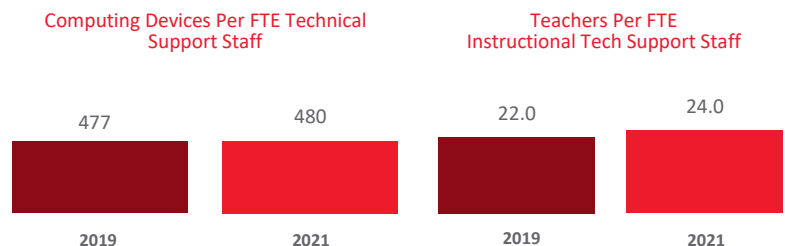
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	44	28	-4	-5%	-30%
LAPTOPS WINDOWS OS	20	18	-1	-3%	112%
DESKTOPS MAC	6	5	0	0%	-25%
LAPTOPS MAC	0	4	-1	-20%	3%
CHROMEBOOKS GOOGLE	318	5	+9	3%	126%
TABLETS WINDOWS	0	4	0	0%	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	20	8	0	0%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	408	72	+3	1%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



TOOELE COUNTY SCHOOL DISTRICT

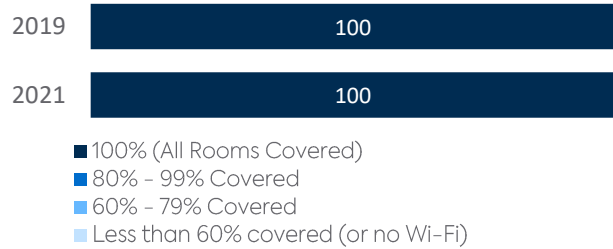
DISTRICT FACTS

ENROLLMENT 22,761
 NUMBER OF SCHOOLS 24
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 17.8%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 15%

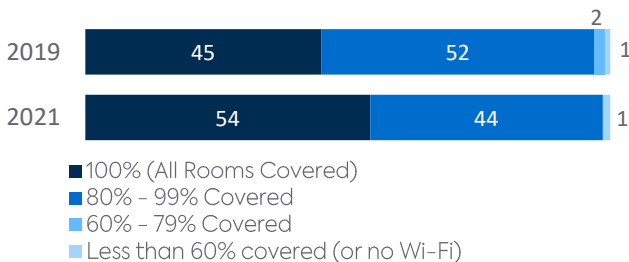
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage



Statewide Coverage

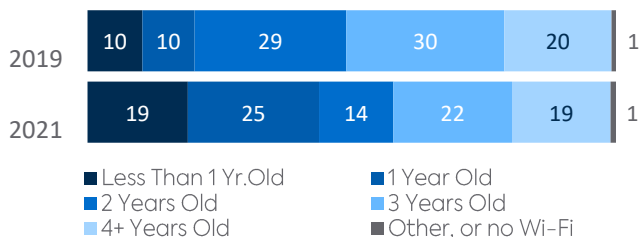


Age of Wi-Fi Access Points Reported by Schools (%)

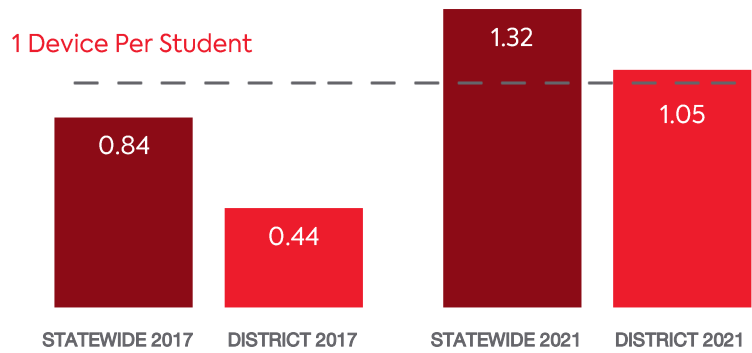
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	3,184	1,137	+262	6%	-30%
LAPTOPS WINDOWS OS	3,786	115	+778	25%	112%
DESKTOPS MAC	128	16	-25	-15%	-25%
LAPTOPS MAC	171	26	+87	79%	3%
CHROMEBOOKS GOOGLE	14,905	14,397	+29,185	24944%	126%
TABLETS WINDOWS	0	0	-3	-100%	86%
TABLETS ANDROID	246	0	+246	N/A	-23%
TABLETS IOS	1,519	214	+611	54%	21%
OTHER DEVICES	46	14	50	500%	-88%
ALL COMPUTING DEVICES	23,985	15,919	+31,191	358%	59%

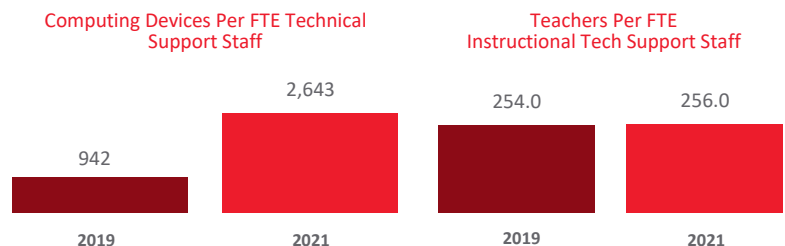
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



UINTAH COUNTY SCHOOL DISTRICT

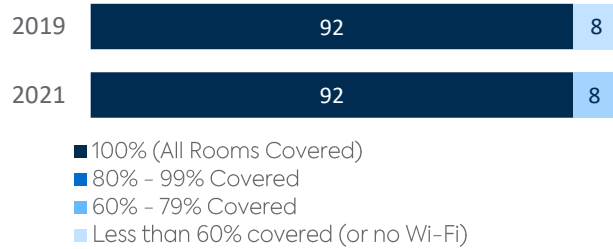
DISTRICT FACTS

ENROLLMENT 6,790
 NUMBER OF SCHOOLS 12
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 1.4%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 12%

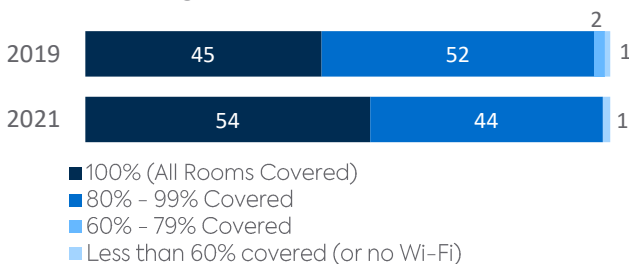
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

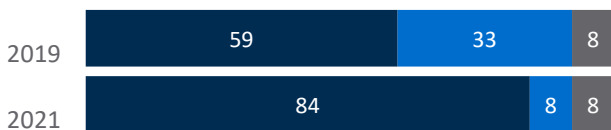


Statewide Coverage

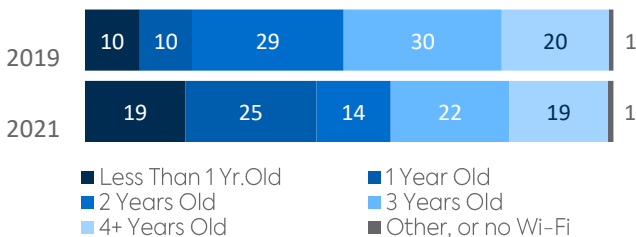


Age of Wi-Fi Access Points Reported by Schools (%)

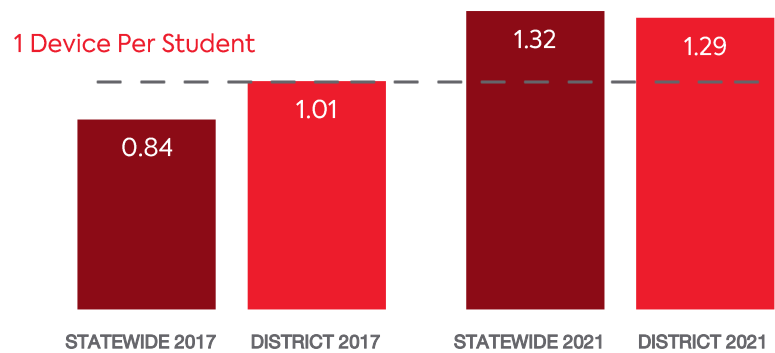
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

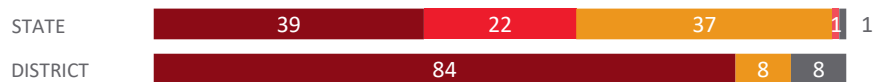


COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	997	95	-1,411	-56%	-30%
LAPTOPS WINDOWS OS	218	505	+474	190%	112%
DESKTOPS MAC	90	37	0	0%	-25%
LAPTOPS MAC	0	8	0	0%	3%
CHROMEBOOKS GOOGLE	7,151	333	+2,392	47%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	272	25	-57	-16%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	8,728	1,003	+1,398	17%	59%

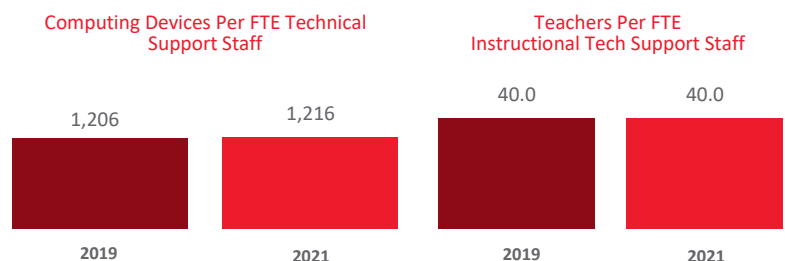
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



UTAH SCHOOL FOR THE DEAF AND THE BLIND

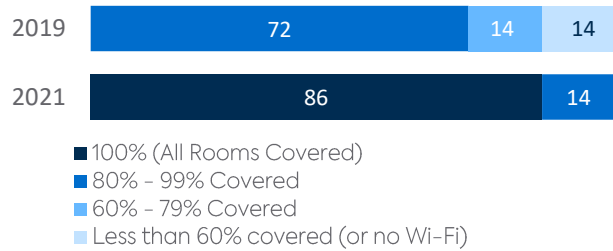
CHARTER FACTS

ENROLLMENT	214
NUMBER OF SCHOOLS	7
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

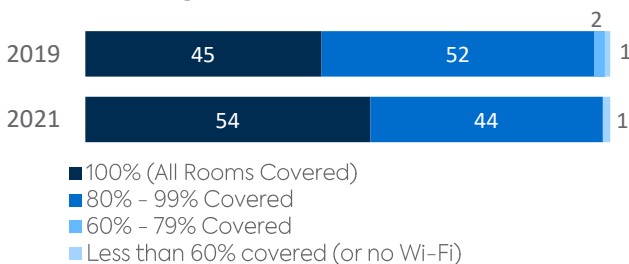
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

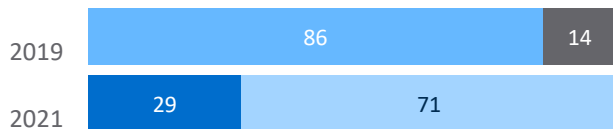


Statewide Coverage

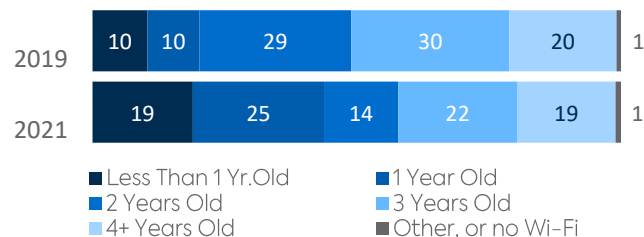


Age of Wi-Fi Access Points Reported by Schools (%)

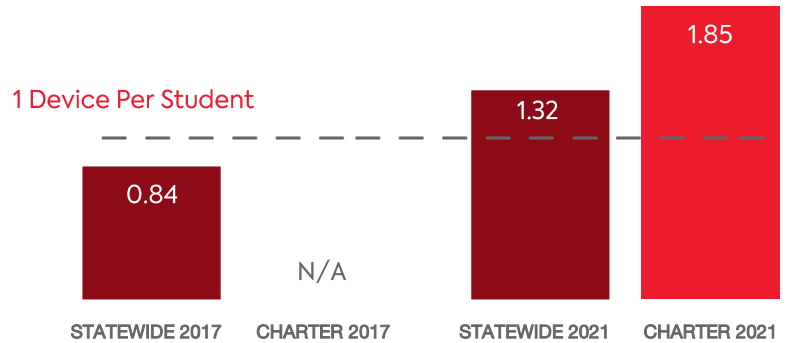
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	70	134	+204	N/A	-30%
LAPTOPS WINDOWS OS	80	105	+185	N/A	112%
DESKTOPS MAC	5	14	+19	N/A	-25%
LAPTOPS MAC	0	71	+71	N/A	3%
CHROMEBOOKS GOOGLE	60	12	+72	N/A	126%
TABLETS WINDOWS	2	0	+2	N/A	86%
TABLETS ANDROID	8	0	+8	N/A	-23%
TABLETS IOS	160	91	+251	N/A	21%
OTHER DEVICES	10	4	+14	N/A	-88%
ALL COMPUTING DEVICES	395	431	+826	N/A	59%

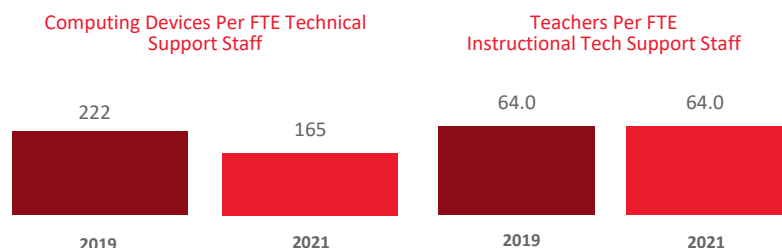
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



WASATCH COUNTY SCHOOL DISTRICT

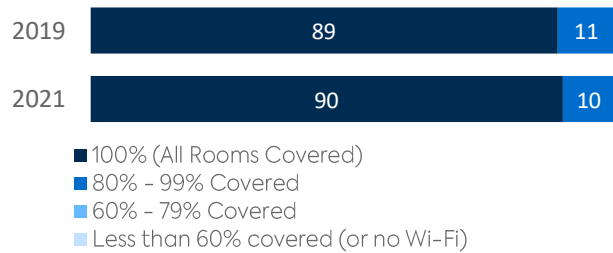
DISTRICT FACTS

ENROLLMENT..... 9,112
 NUMBER OF SCHOOLS.....10
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 0.6%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....1%

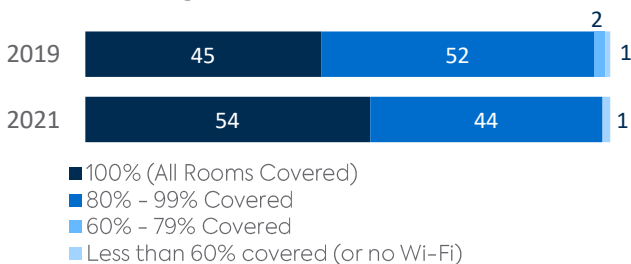
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

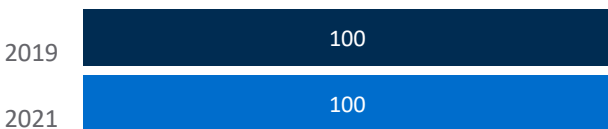


Statewide Coverage

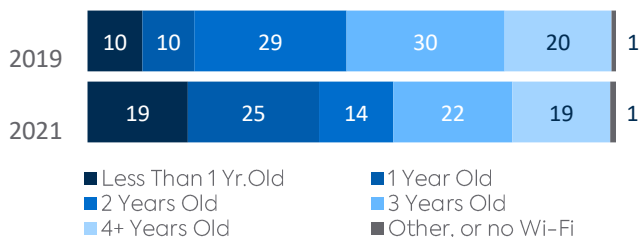


Age of Wi-Fi Access Points Reported by Schools (%)

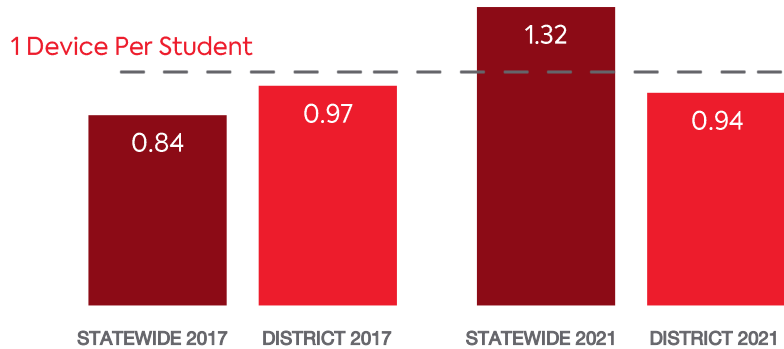
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

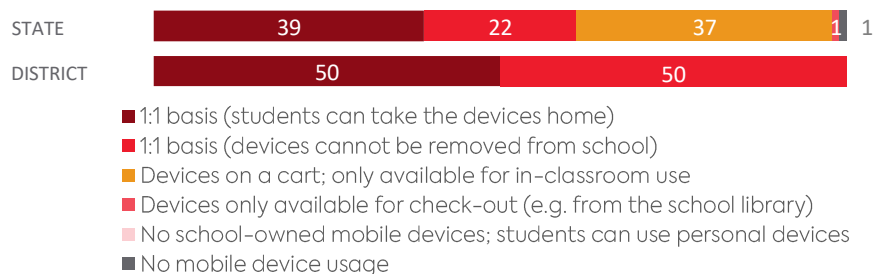


COMPUTING DEVICES USED IN SCHOOLS

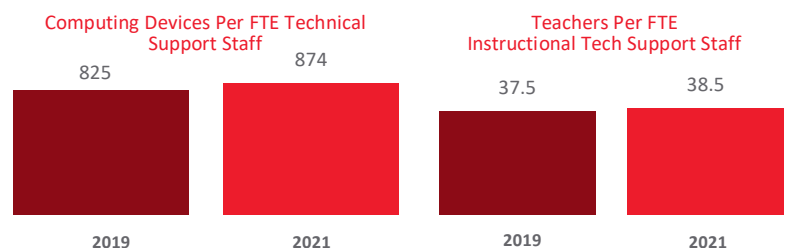
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	40	62	-180	-64%	-30%
LAPTOPS WINDOWS OS	280	124	-6,490	-94%	112%
DESKTOPS MAC	96	22	+2	2%	-25%
LAPTOPS MAC	2,545	599	+3,114	10380%	3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	5,566	526	+5,703	1466%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	8,527	1,333	+2,149	28%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



WASHINGTON COUNTY SCHOOL DISTRICT

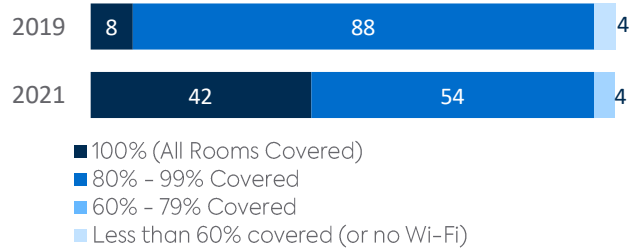
DISTRICT FACTS

ENROLLMENT.....36,512
 NUMBER OF SCHOOLS.....52
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE8.3%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....1%

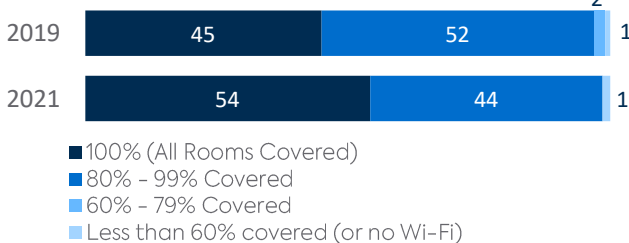
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

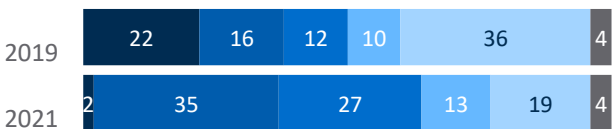


Statewide Coverage

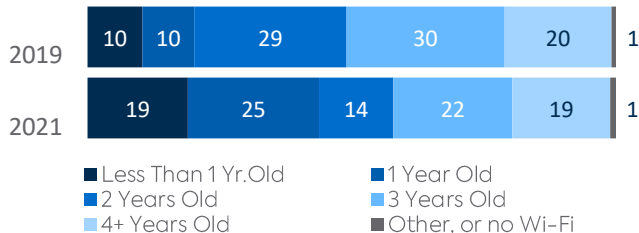


Age of Wi-Fi Access Points Reported by Schools (%)

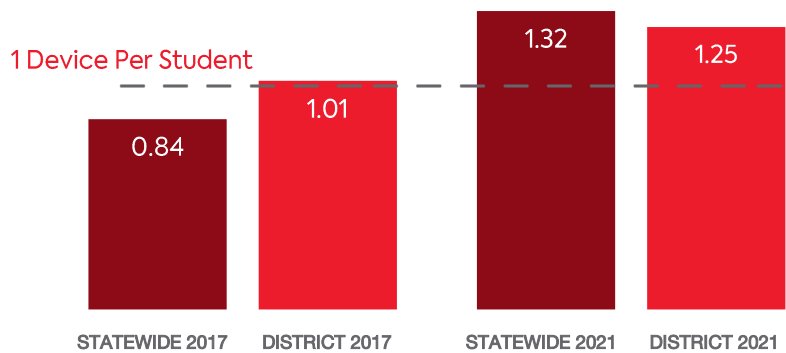
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

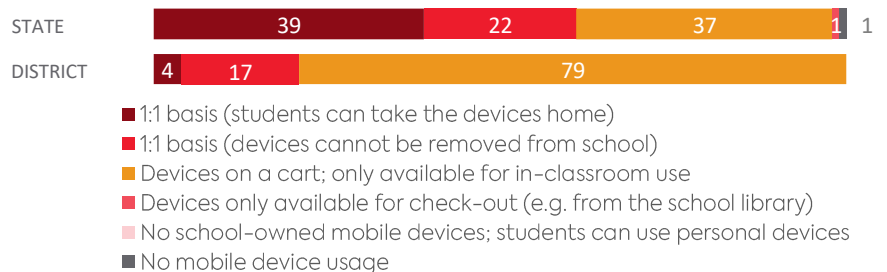


COMPUTING DEVICES USED IN SCHOOLS

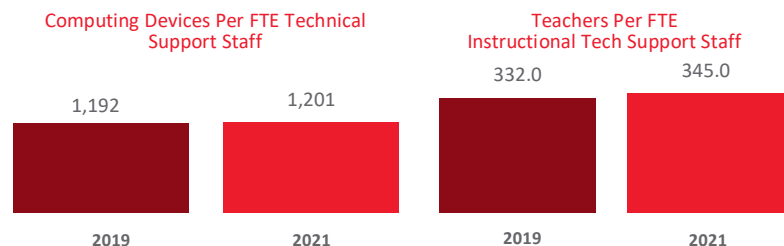
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	3,743	2,158	-659	-10%	-30%
LAPTOPS WINDOWS OS	97	418	-1,300	-72%	112%
DESKTOPS MAC	329	82	+59	17%	-25%
LAPTOPS MAC	17	247	+132	100%	3%
CHROMEBOOKS GOOGLE	39,458	632	+20,475	104%	126%
TABLETS WINDOWS	5	9	-35	-71%	86%
TABLETS ANDROID	53	6	-411	-87%	-23%
TABLETS IOS	1,827	716	-1,306	-34%	21%
OTHER DEVICES	54	1	-973	-95%	-88%
ALL COMPUTING DEVICES	45,583	4,269	+15,982	47%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



WAYNE COUNTY SCHOOL DISTRICT

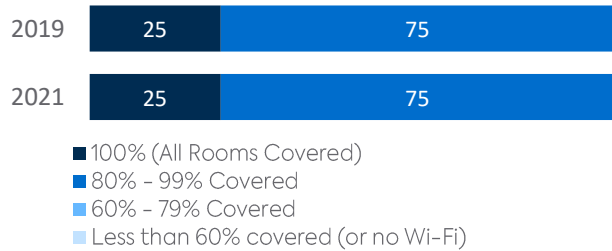
DISTRICT FACTS

ENROLLMENT..... 436
 NUMBER OF SCHOOLS.....4
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE6.1%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....0%

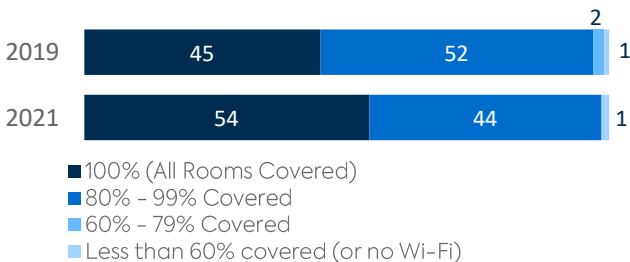
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage



Statewide Coverage

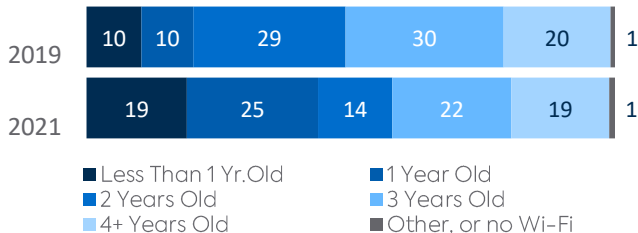


Age of Wi-Fi Access Points Reported by Schools (%)

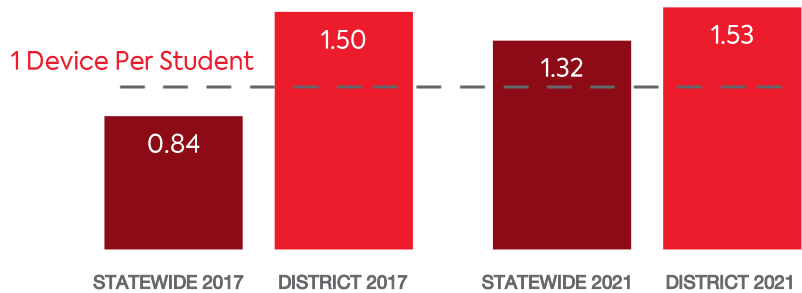
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	20	1	+4	24%	-30%
LAPTOPS WINDOWS OS	0	0	-4	-100%	112%
DESKTOPS MAC	93	38	-16	-11%	-25%
LAPTOPS MAC	53	21	+16	28%	3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	503	66	-44	-7%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	669	126	-44	-5%	59%

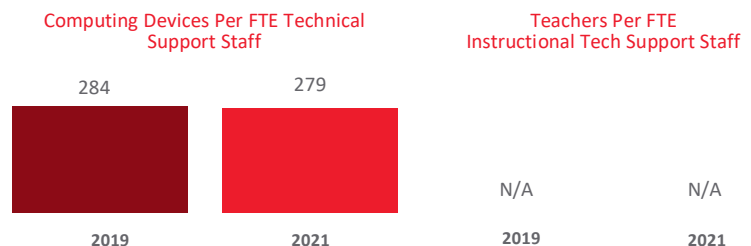
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



WEBER SCHOOL DISTRICT

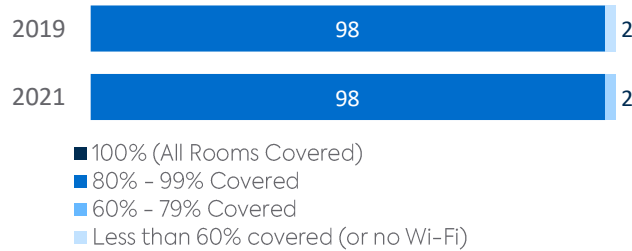
DISTRICT FACTS

ENROLLMENT.....32,809
 NUMBER OF SCHOOLS.....47
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE26.2%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....1%

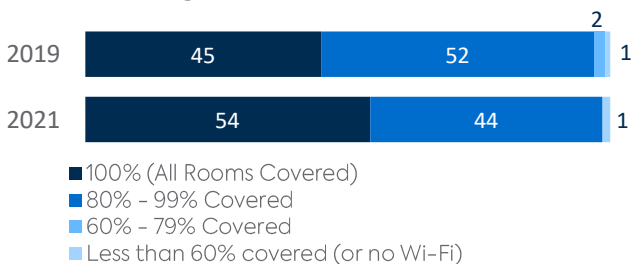
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

District Coverage

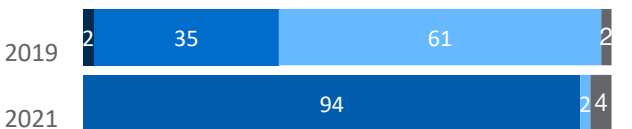


Statewide Coverage

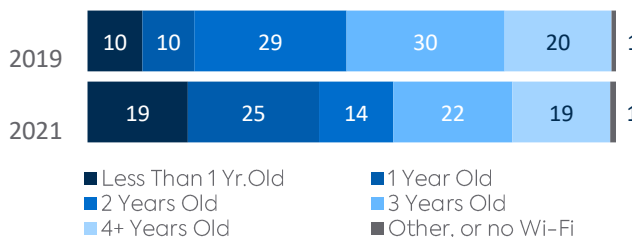


Age of Wi-Fi Access Points Reported by Schools (%)

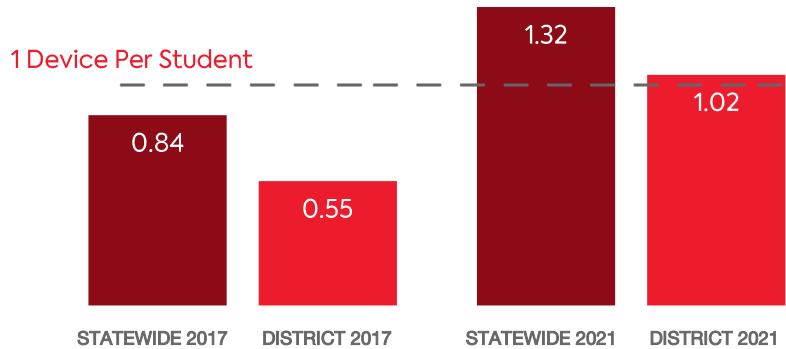
District Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

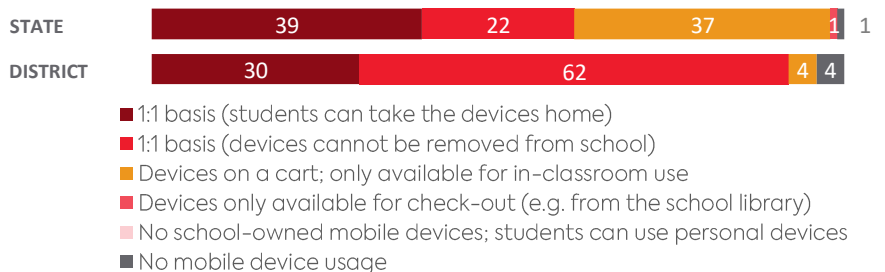


COMPUTING DEVICES USED IN SCHOOLS

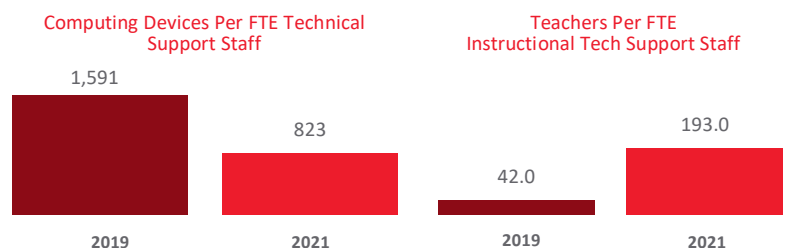
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	2,193	2,457	-2,177	-32%	-30%
LAPTOPS WINDOWS OS	0	206	-171	-45%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	29,637	1,274	+19,377	168%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	1,621	358	-434	-18%	21%
OTHER DEVICES	35	0	-6999	-100%	-88%
ALL COMPUTING DEVICES	33,486	4,295	+9,596	34%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



APPENDIX F:

CHARTER SCHOOLS SUMMARY PAGES



ACADEMY FOR MATH ENGINEERING & SCIENCE (AMES)

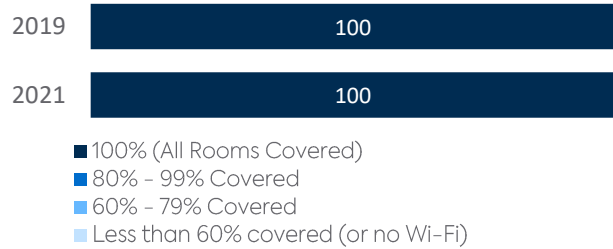
CHARTER FACTS

ENROLLMENT 475
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 20%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 10%

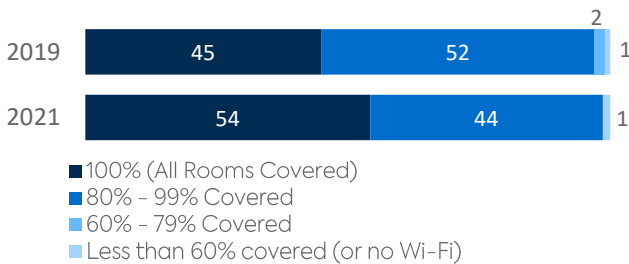
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

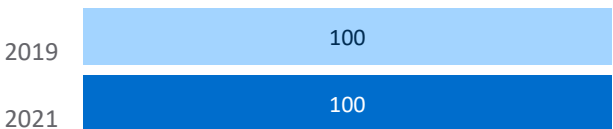


Statewide Coverage

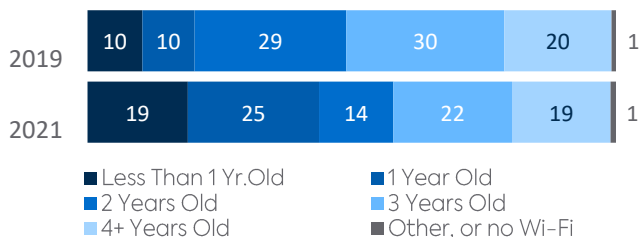


Age of Wi-Fi Access Points Reported by Schools (%)

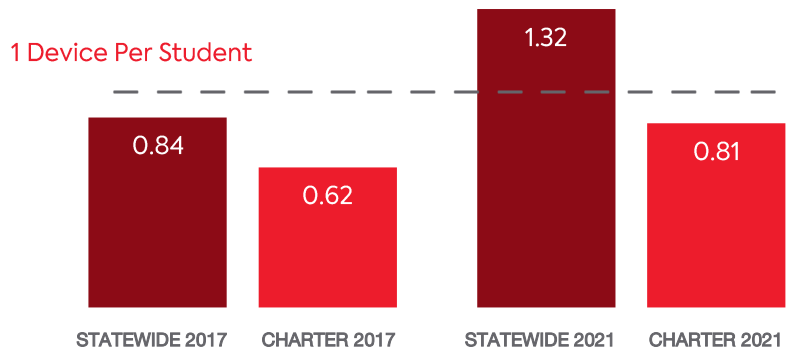
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

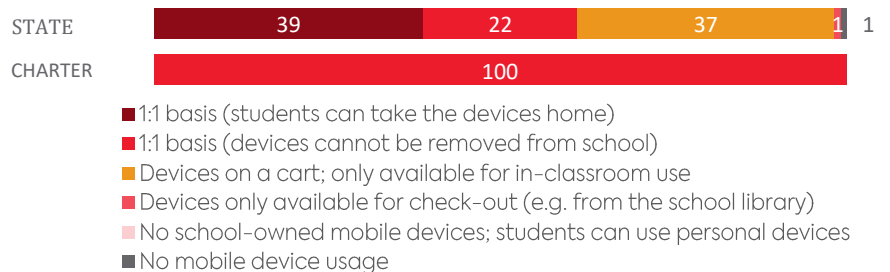


COMPUTING DEVICES USED IN SCHOOLS

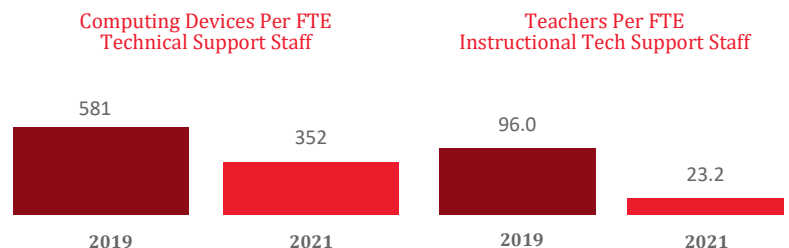
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	75	8	-23	-22%	-30%
LAPTOPS WINDOWS OS	200	31	+50	28%	112%
DESKTOPS MAC	12	3	+6	67%	-25%
LAPTOPS MAC	0	1	0	0%	3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	100	10	+46	72%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	387	53	+79	22%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



ADVANTAGE ARTS ACADEMY

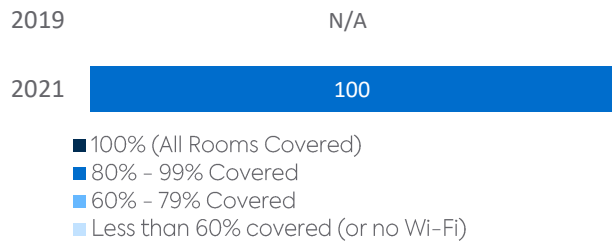
CHARTER FACTS

ENROLLMENT	350
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

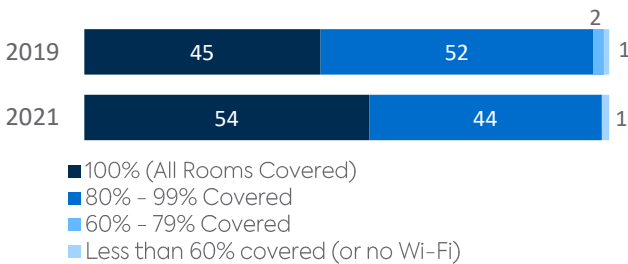
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

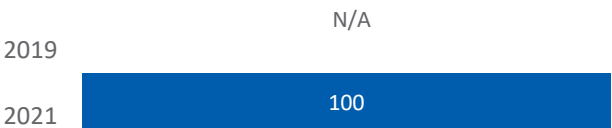


Statewide Coverage

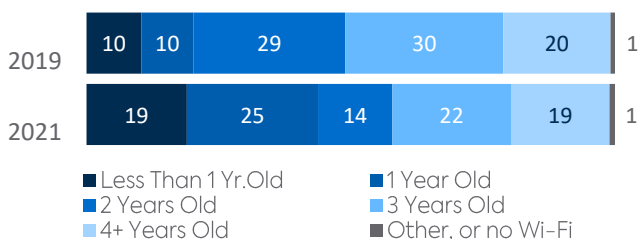


Age of Wi-Fi Access Points Reported by Schools (%)

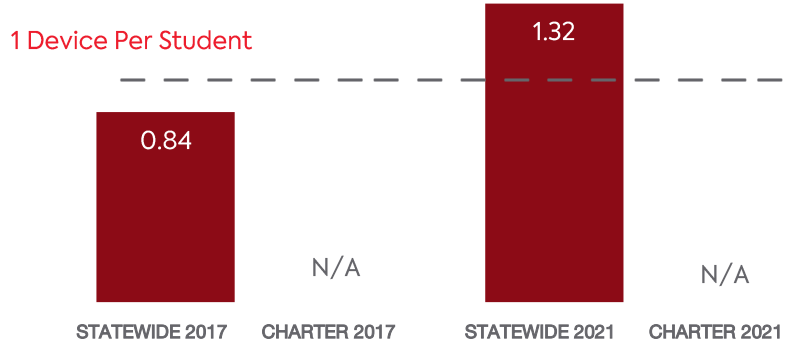
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	1	+1	N/A	-30%
LAPTOPS WINDOWS OS	0	0	0	N/A	112%
DESKTOPS MAC	0	20	+20	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	0	21	+21	N/A	59%

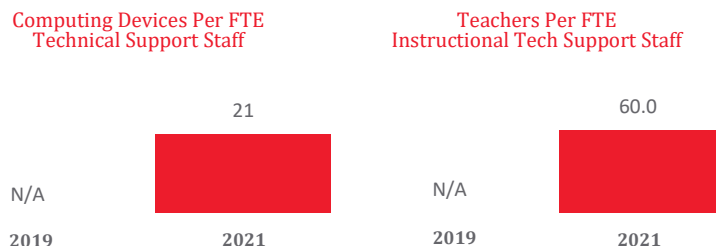
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



AMERICAN ACADEMY OF INNOVATION (6-12)

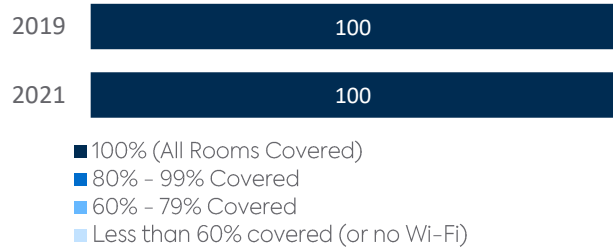
CHARTER FACTS

ENROLLMENT 390
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

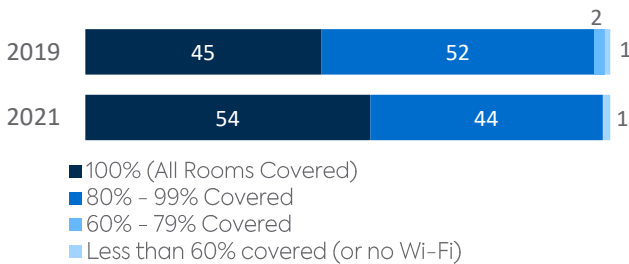
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

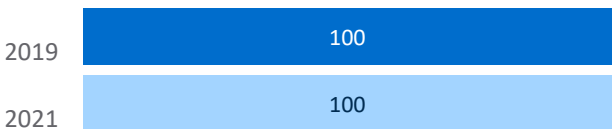


Statewide Coverage

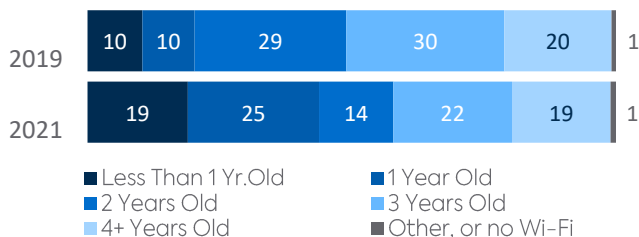


Age of Wi-Fi Access Points Reported by Schools (%)

Charter Coverage

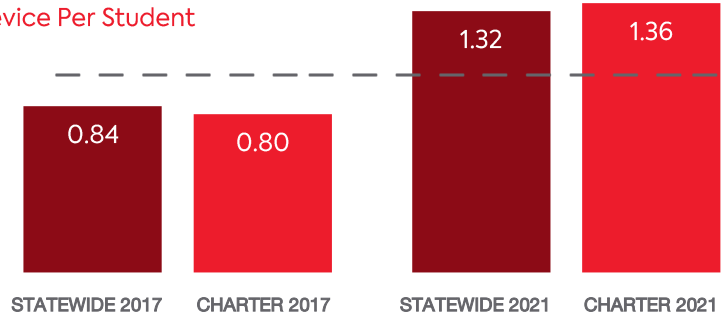


Statewide Coverage



COMPUTING DEVICES PER STUDENT

1 Device Per Student



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	30	3	+23	230%	-30%
LAPTOPS WINDOWS OS	15	3	-17	-49%	112%
DESKTOPS MAC	32	1	-2	-6%	-25%
LAPTOPS MAC	105	30	-5	-4%	3%
CHROMEBOOKS GOOGLE	150	0	-30	-17%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	200	0	+20	11%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	532	37	-11	-2%	59%

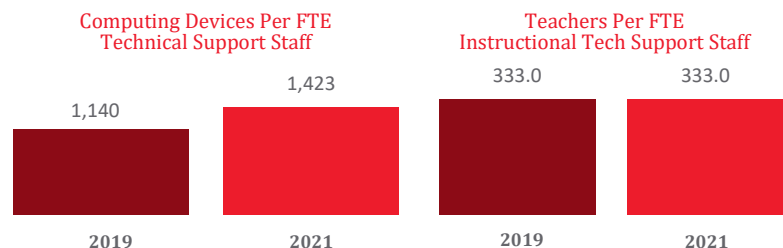
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



AMERICAN LEADERSHIP ACADEMY

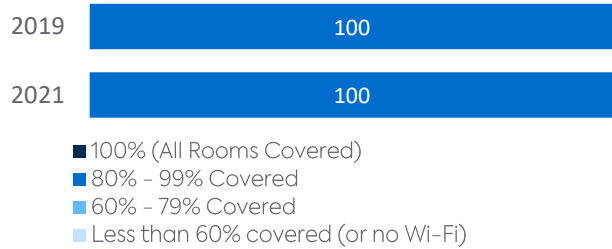
CHARTER FACTS

ENROLLMENT1,657
 NUMBER OF SCHOOLS1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE1%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE0%

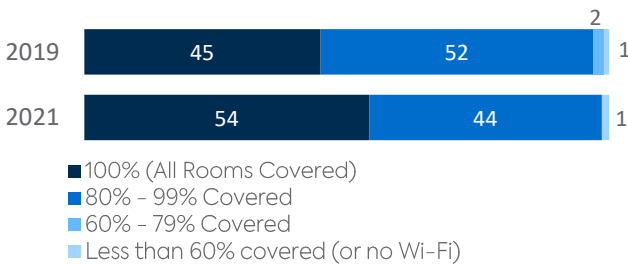
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

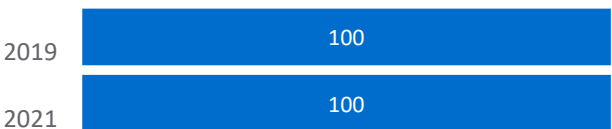


Statewide Coverage

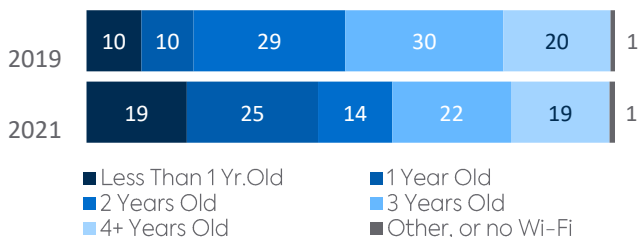


Age of Wi-Fi Access Points Reported by Schools (%)

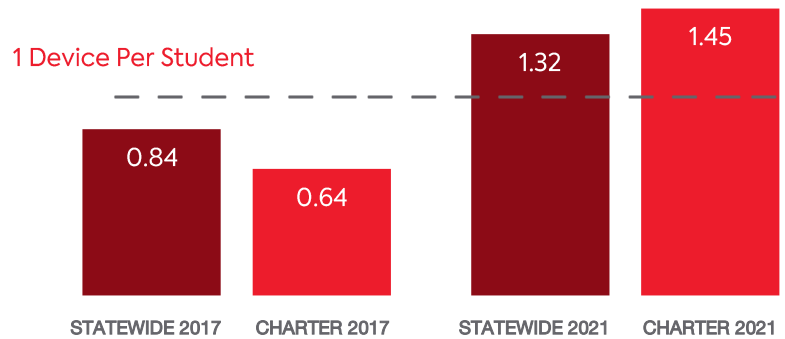
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

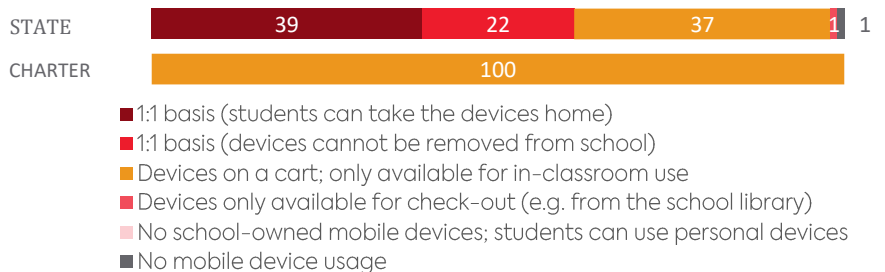


COMPUTING DEVICES USED IN SCHOOLS

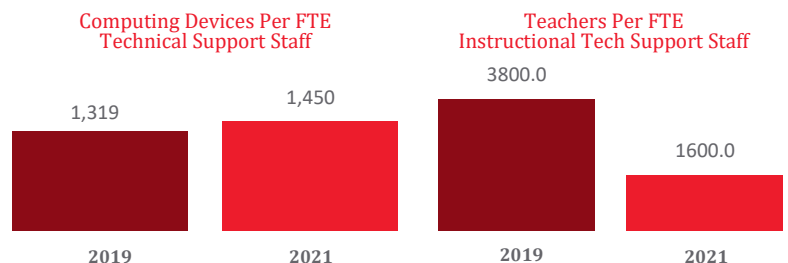
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	100	10	-19	-15%	-30%
LAPTOPS WINDOWS OS	550	170	+255	55%	112%
DESKTOPS MAC	52	4	-1	-2%	-25%
LAPTOPS MAC	0	10	0	0%	3%
CHROMEBOOKS GOOGLE	1,590	4	+1,170	276%	126%
TABLETS WINDOWS	0	0	-30	-100%	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	80	10	-126	-58%	21%
OTHER DEVICES	30	0	0	0%	-88%
ALL COMPUTING DEVICES	2,402	208	+1,249	92%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



AMERICAN PREPARATORY ACADEMY

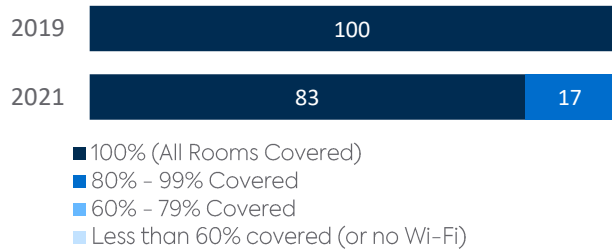
CHARTER FACTS

ENROLLMENT5,259
 NUMBER OF SCHOOLS6
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE19.6%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE0%

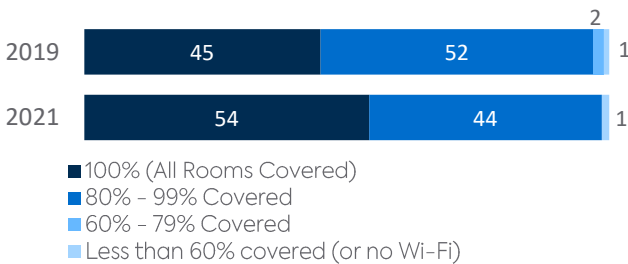
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage



Statewide Coverage

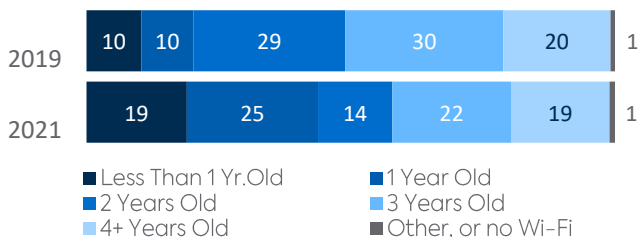


Age of Wi-Fi Access Points Reported by Schools (%)

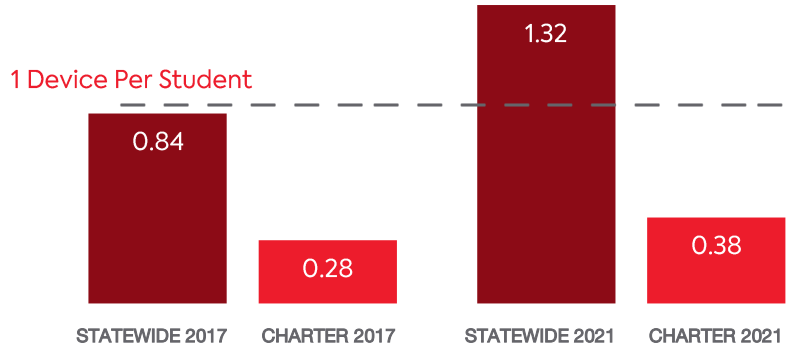
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	31	0	+1	3%	-30%
LAPTOPS WINDOWS OS	0	1	0	0%	112%
DESKTOPS MAC	0	17	+3	21%	-25%
LAPTOPS MAC	1,858	417	+760	50%	3%
CHROMEBOOKS GOOGLE	2	0	-114	-98%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	1	0	+1	N/A	-23%
TABLETS IOS	99	123	+152	217%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	1,991	558	+803	46%	59%

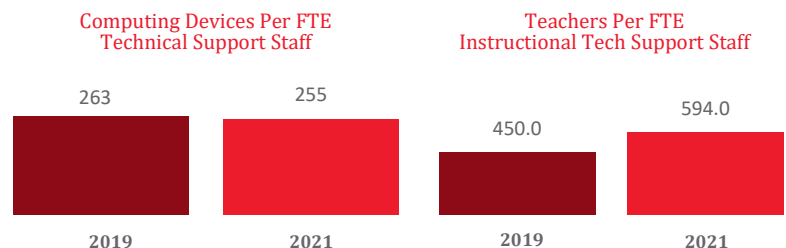
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



ASCENT ACADEMIES OF UTAH

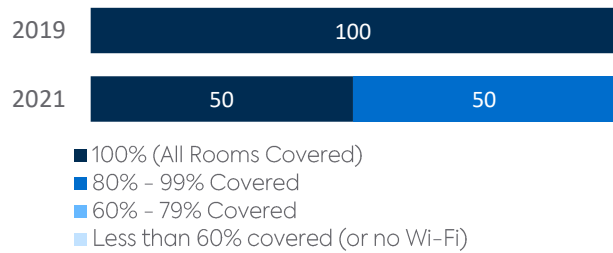
CHARTER FACTS

ENROLLMENT	2,120
NUMBER OF SCHOOLS	4
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	20.3%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

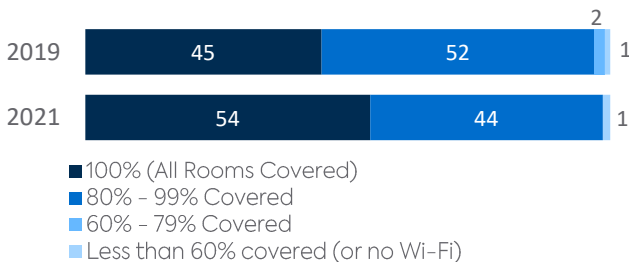
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

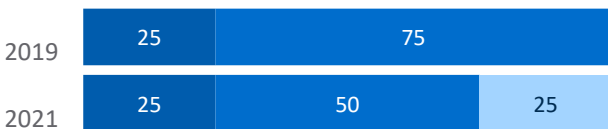


Statewide Coverage

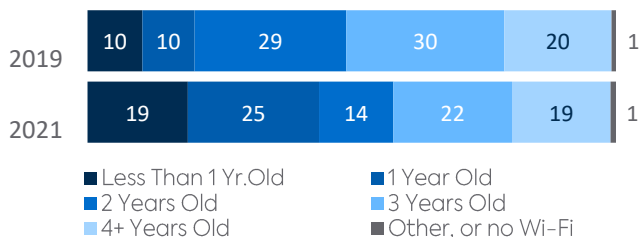


Age of Wi-Fi Access Points Reported by Schools (%)

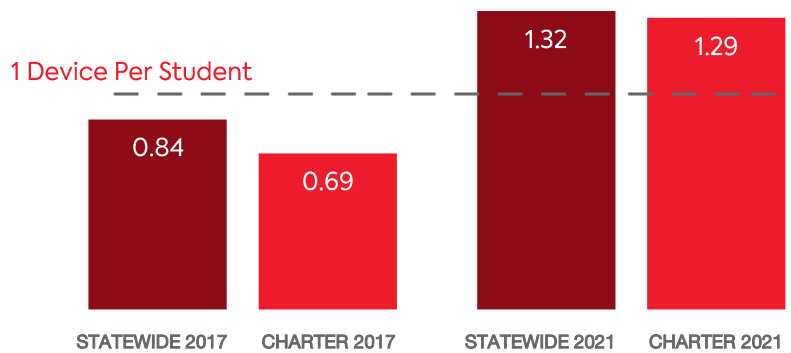
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	8	0	+8	N/A	-30%
LAPTOPS WINDOWS OS	19	1	-125	-86%	112%
DESKTOPS MAC	19	0	+19	N/A	-25%
LAPTOPS MAC	120	156	+31	13%	3%
CHROMEBOOKS GOOGLE	2,124	15	+1,344	169%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	435	127	+32	6%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	2,725	299	+1,309	76%	59%

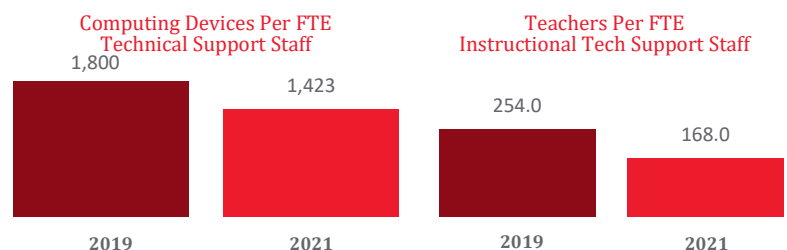
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



ATHENIAN E-ACADEMY

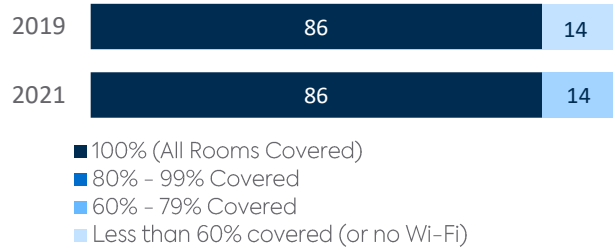
CHARTER FACTS

ENROLLMENT 673
 NUMBER OF SCHOOLS 7
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 10%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 5%

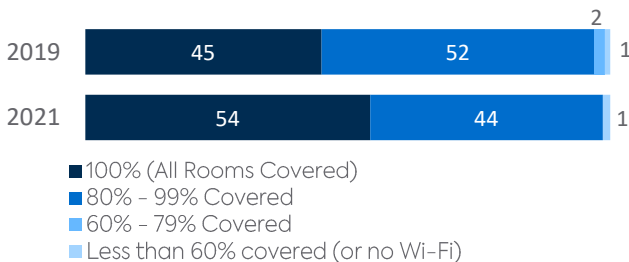
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage



Statewide Coverage

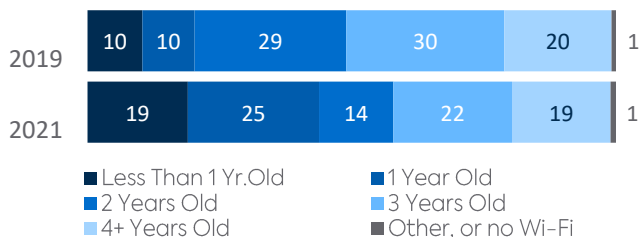


Age of Wi-Fi Access Points Reported by Schools (%)

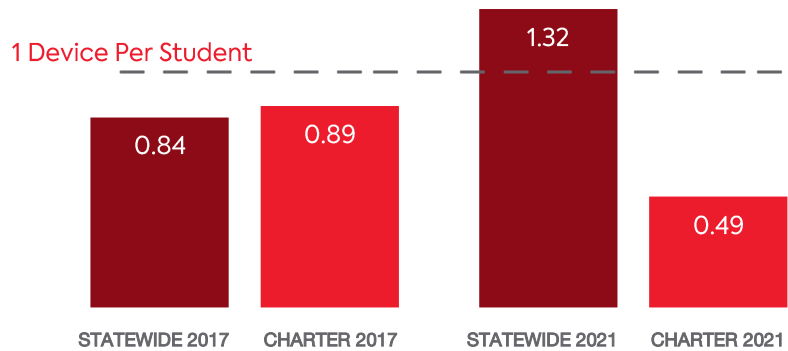
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

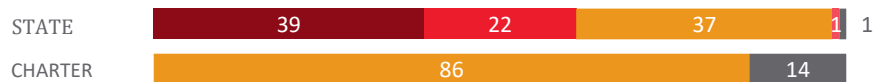


COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	8	0	0%	-30%
LAPTOPS WINDOWS OS	0	37	+6	19%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	332	0	0	0%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	332	45	+6	2%	59%

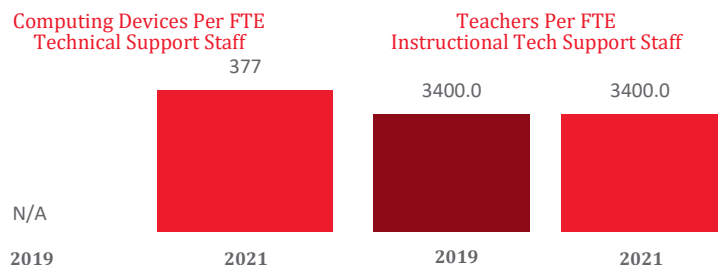
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



ATHLOS ACADEMY OF UTAH

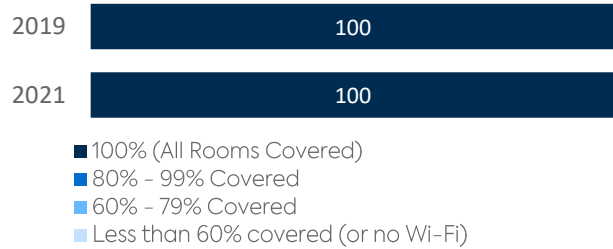
CHARTER FACTS

ENROLLMENT	495
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

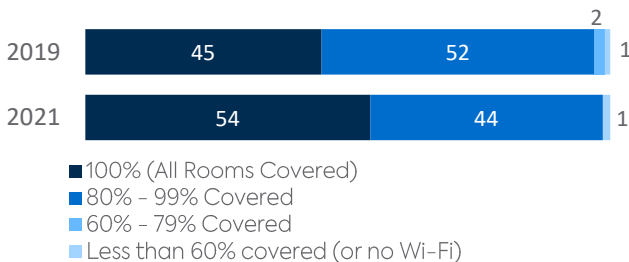
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage



Statewide Coverage

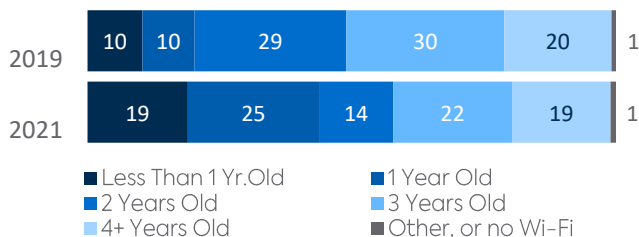


Age of Wi-Fi Access Points Reported by Schools (%)

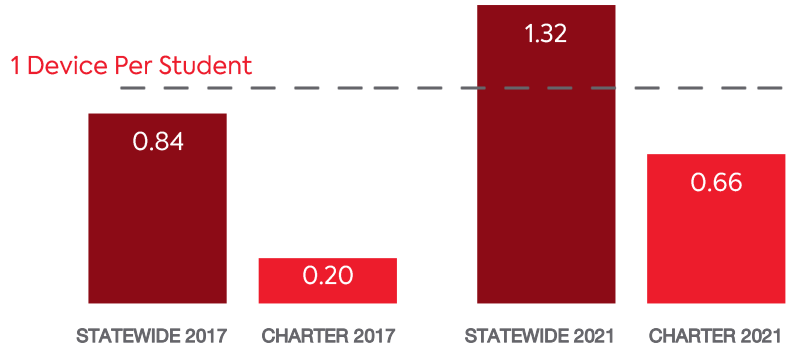
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	90	2	+30	48%	-30%
LAPTOPS WINDOWS OS	40	60	0	0%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	60	0	+50	500%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	15	0	0	0%	-23%
TABLETS IOS	122	7	+83	180%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	327	69	+163	70%	59%

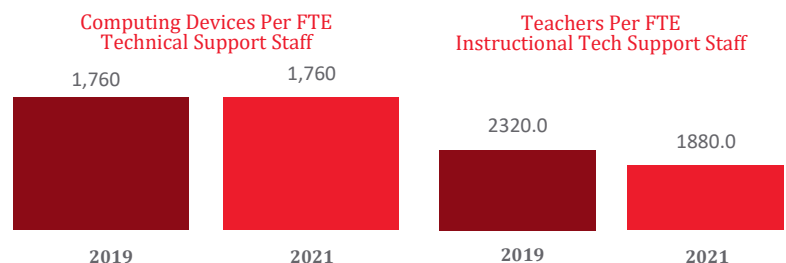
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



BEAR RIVER CHARTER SCHOOL

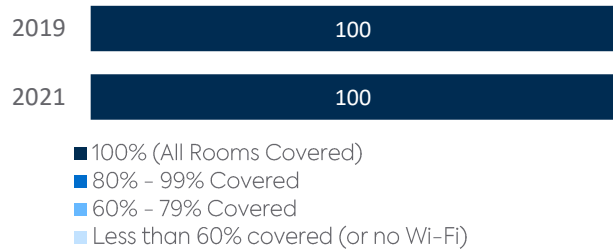
CHARTER FACTS

ENROLLMENT	177
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	3%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

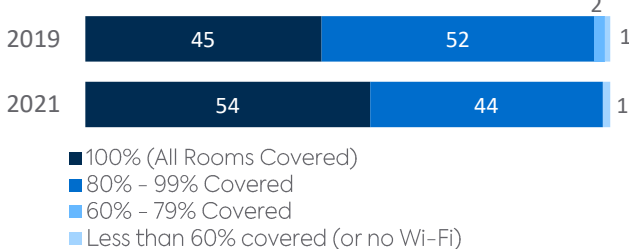
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

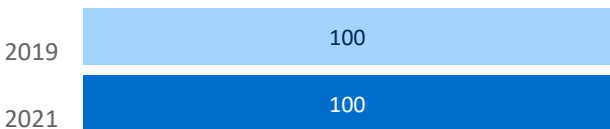


Statewide Coverage

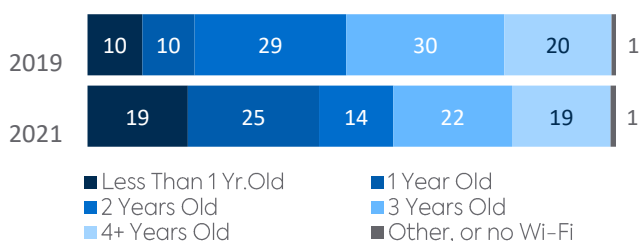


Age of Wi-Fi Access Points Reported by Schools (%)

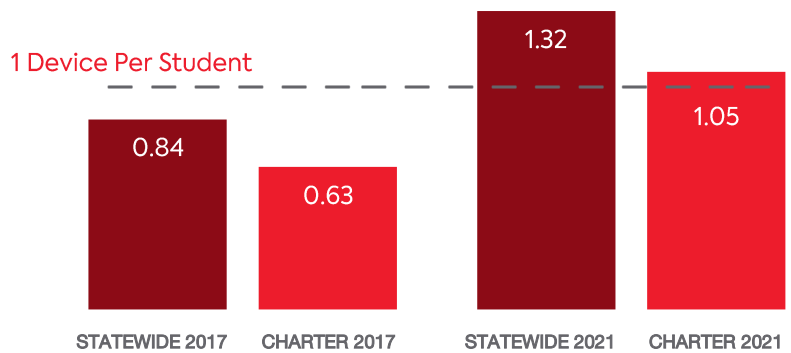
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	10	4	-12	-46%	-30%
LAPTOPS WINDOWS OS	0	9	-30	-77%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	150	0	+120	400%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	5	0	0	0%	-23%
TABLETS IOS	20	0	0	0%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	185	13	+78	65%	59%

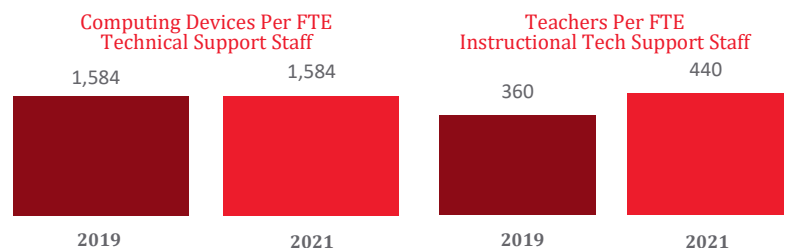
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



BEEHIVE SCIENCE & TECHNOLOGY ACADEMY (BSTA)

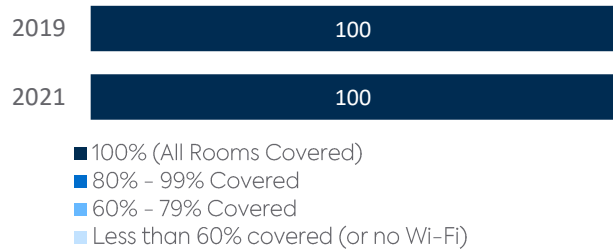
CHARTER FACTS

ENROLLMENT	300
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	1%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	1%

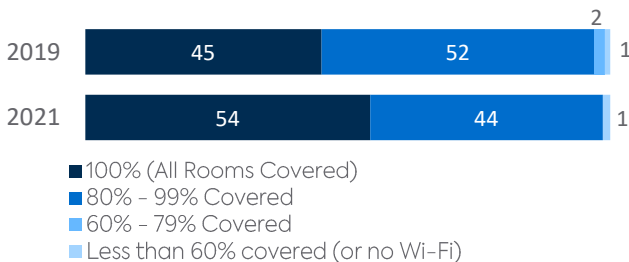
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

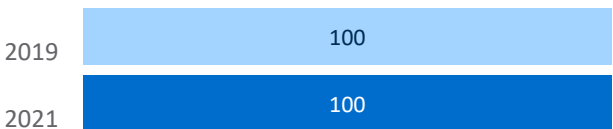


Statewide Coverage

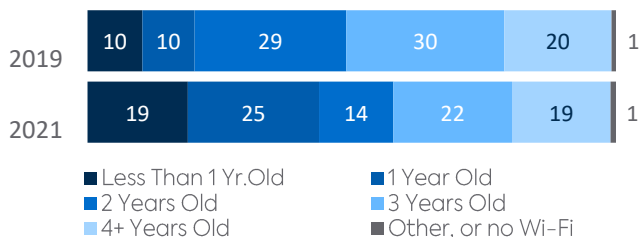


Age of Wi-Fi Access Points Reported by Schools (%)

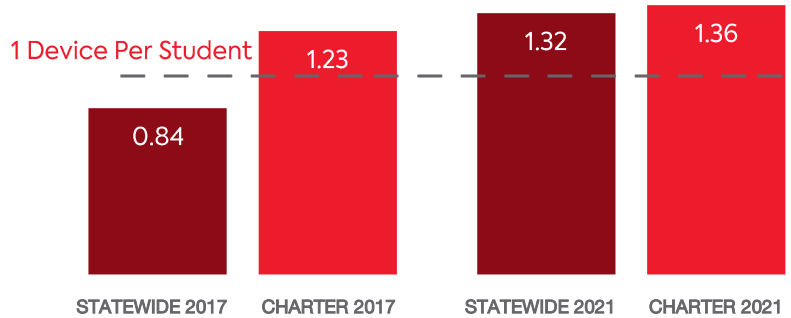
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

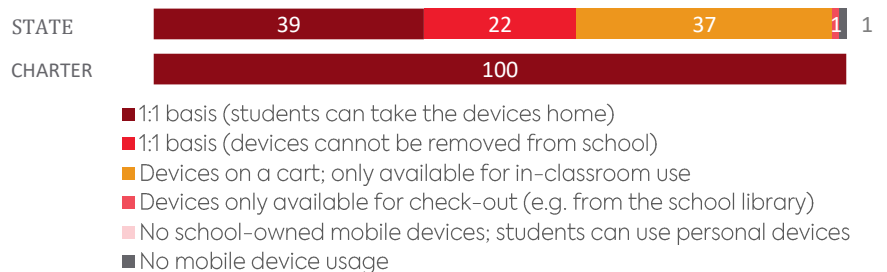


COMPUTING DEVICES USED IN SCHOOLS

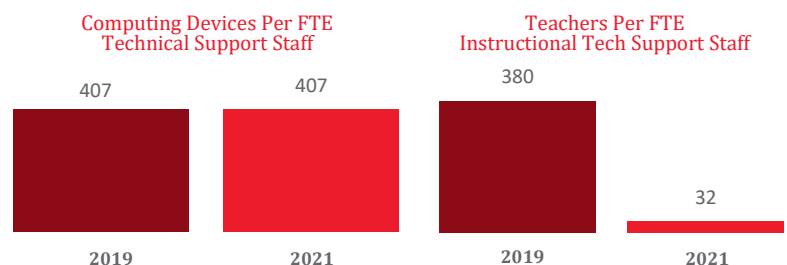
	Student Use	Teacher/ Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	25	0	-22	-47%	-30%
LAPTOPS WINDOWS OS	0	0	0	N/A	112%
DESKTOPS MAC	54	1	+28	104%	-25%
LAPTOPS MAC	10	24	+10	42%	3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	320	24	+9	3%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	409	49	+25	6%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



BONNEVILLE ACADEMY

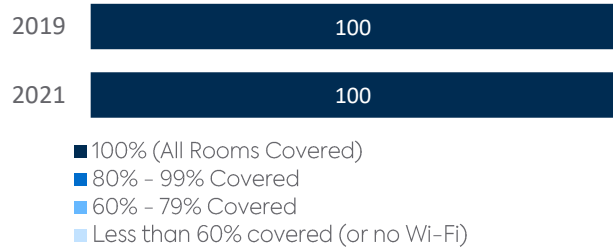
CHARTER FACTS

ENROLLMENT 540
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

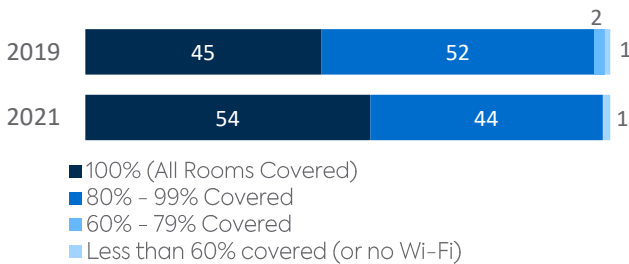
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

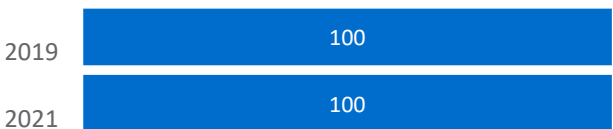


Statewide Coverage

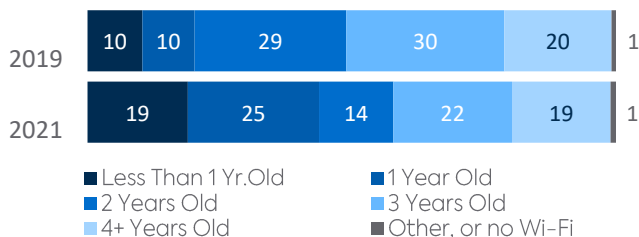


Age of Wi-Fi Access Points Reported by Schools (%)

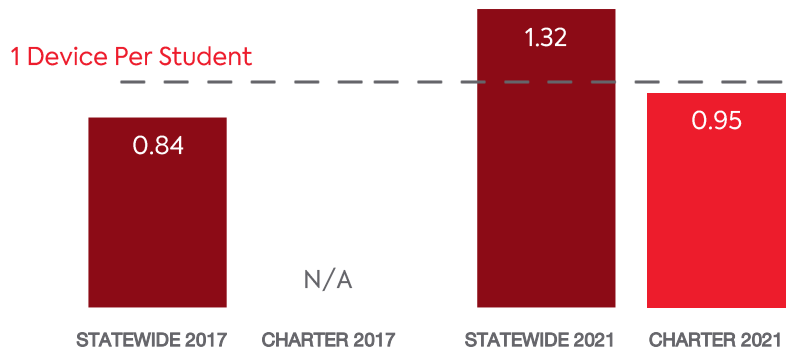
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

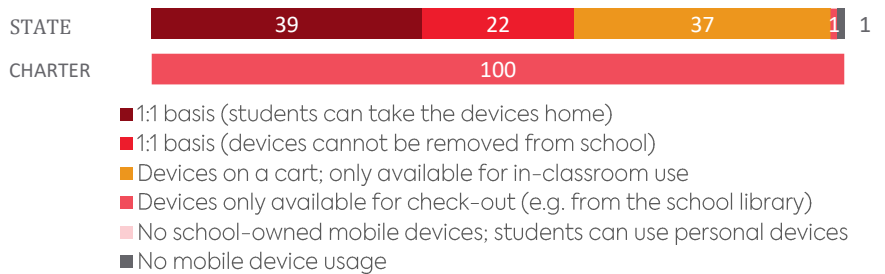


COMPUTING DEVICES USED IN SCHOOLS

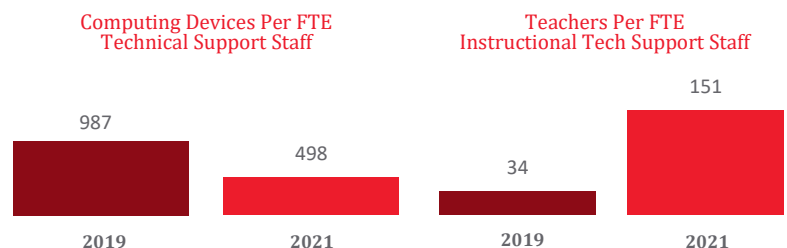
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	58	5	+63	N/A	-30%
LAPTOPS WINDOWS OS	34	60	+94	N/A	112%
DESKTOPS MAC	0	1	+1	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	356	356	+712	N/A	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	5	0	+5	N/A	-23%
TABLETS IOS	60	60	+120	N/A	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	513	482	+995	N/A	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



BRIDGE ELEMENTARY SCHOOL

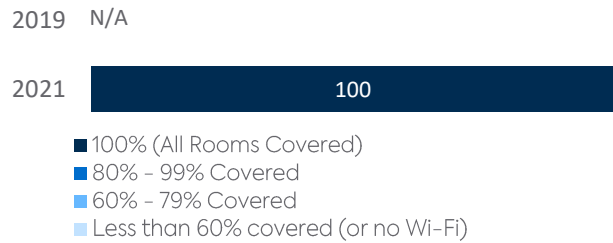
CHARTER FACTS

ENROLLMENT 495
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

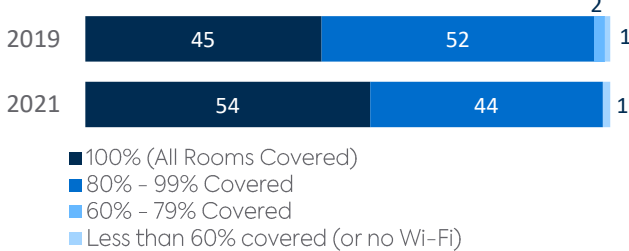
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage



Statewide Coverage

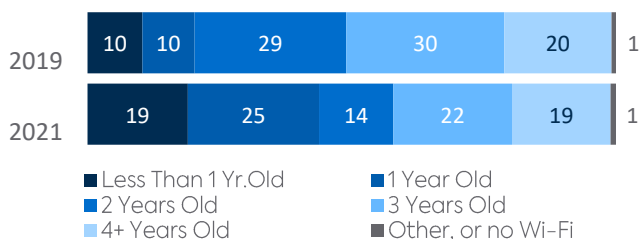


Age of Wi-Fi Access Points Reported by Schools (%)

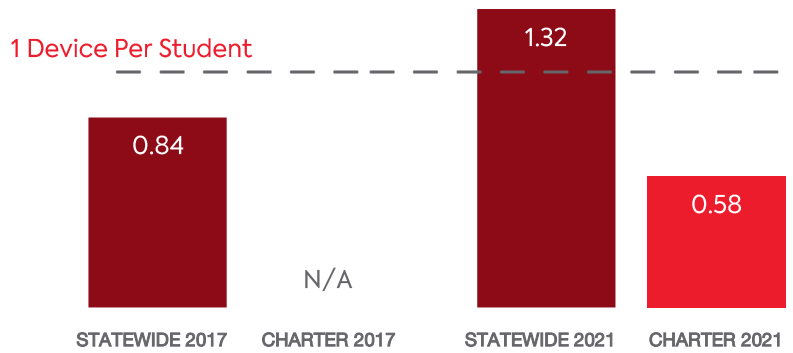
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

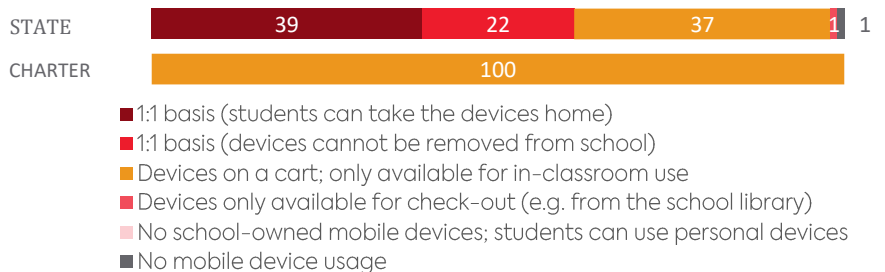


COMPUTING DEVICES USED IN SCHOOLS

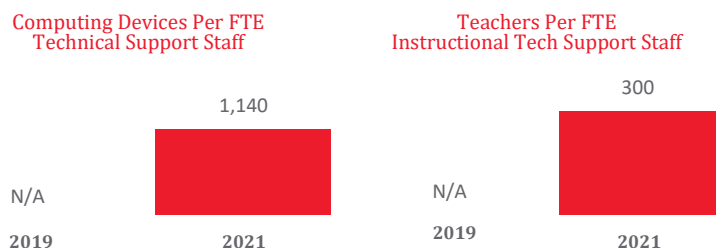
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	0	0	N/A	-30%
LAPTOPS WINDOWS OS	4	41	+45	N/A	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	4	+4	N/A	3%
CHROMEBOOKS GOOGLE	262	0	+262	N/A	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	19	12	+31	N/A	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	285	57	+342	N/A	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



CANYON GROVE ACADEMY

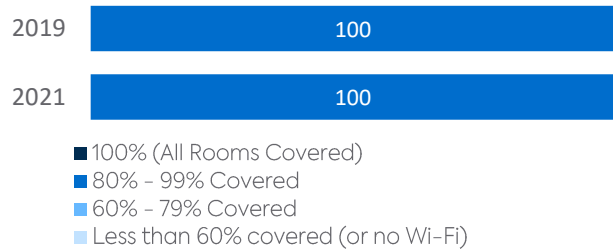
CHARTER FACTS

ENROLLMENT 640
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 3%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

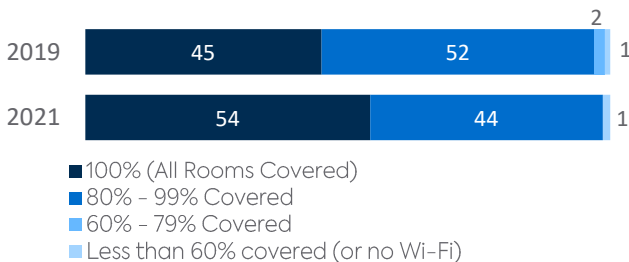
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

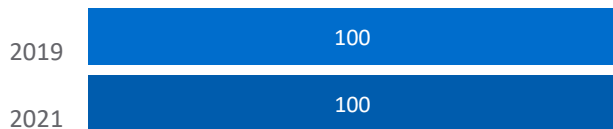


Statewide Coverage

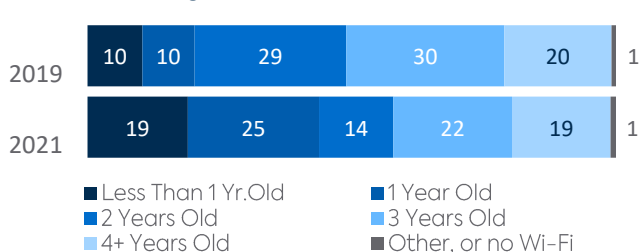


Age of Wi-Fi Access Points Reported by Schools (%)

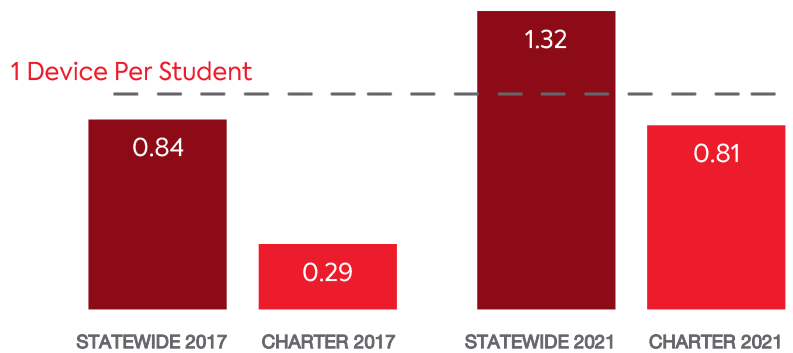
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	9	-26	-74%	-30%
LAPTOPS WINDOWS OS	15	15	-104	-78%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	500	50	+547	18233%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	-84	-100%	-23%
TABLETS IOS	5	1	+4	200%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	520	75	+337	131%	59%

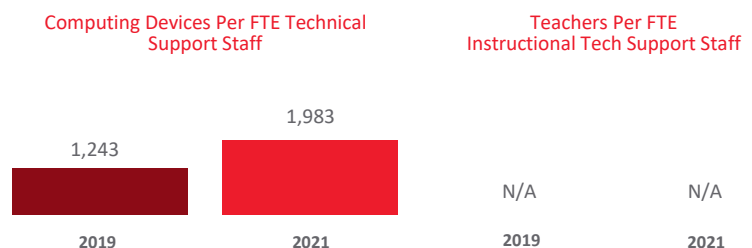
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



CANYON RIM ACADEMY

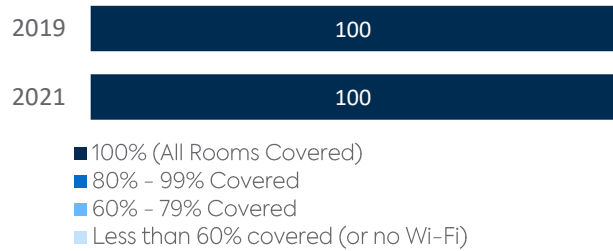
CHARTER FACTS

ENROLLMENT 203
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

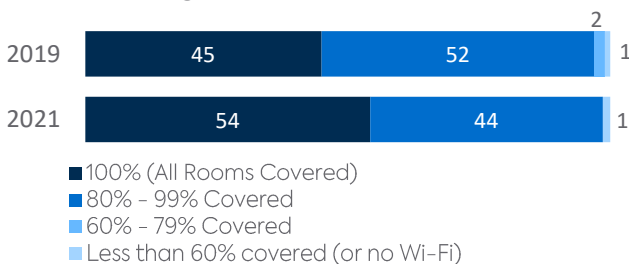
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage



Statewide Coverage

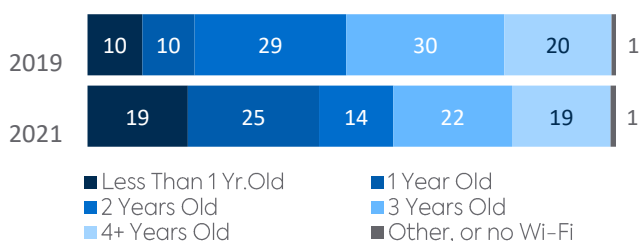


Age of Wi-Fi Access Points Reported by Schools (%)

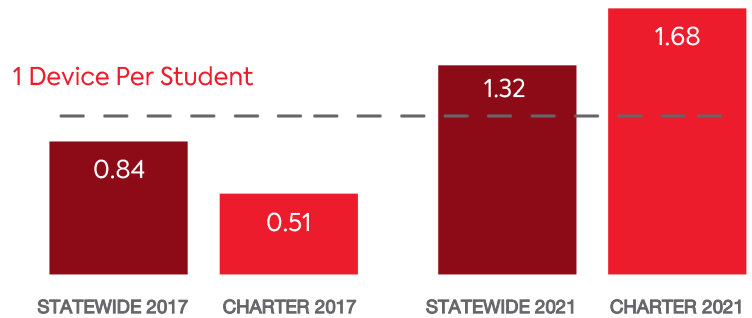
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	36	20	+19	51%	-30%
LAPTOPS WINDOWS OS	20	70	-60	-40%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	2	0	0%	3%
CHROMEBOOKS GOOGLE	250	0	+147	143%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	15	0	+10	200%	-23%
TABLETS IOS	20	0	0	0%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	341	92	+116	37%	59%

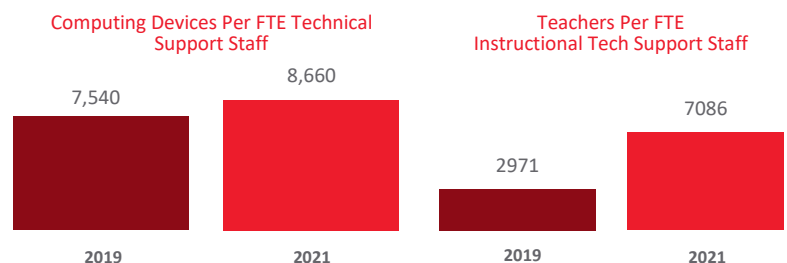
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



CENTER FOR CREATIVITY INNOVATION AND DISCOVERY

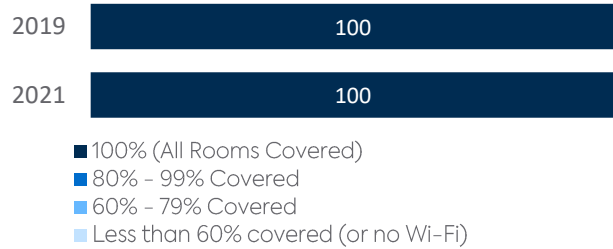
CHARTER FACTS

ENROLLMENT	487
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	2%

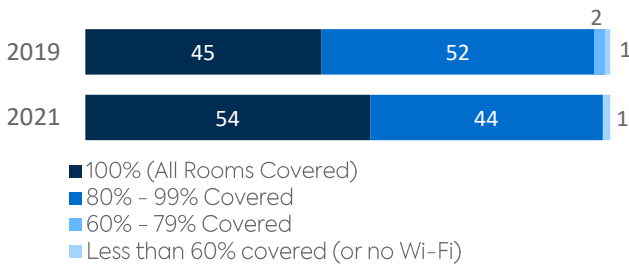
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage



Statewide Coverage

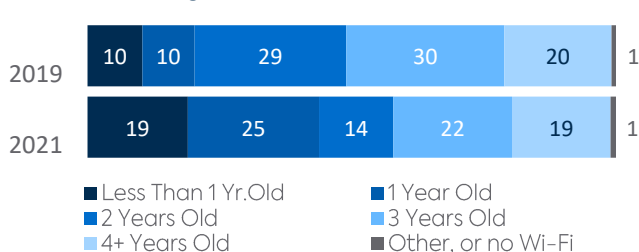


Age of Wi-Fi Access Points Reported by Schools (%)

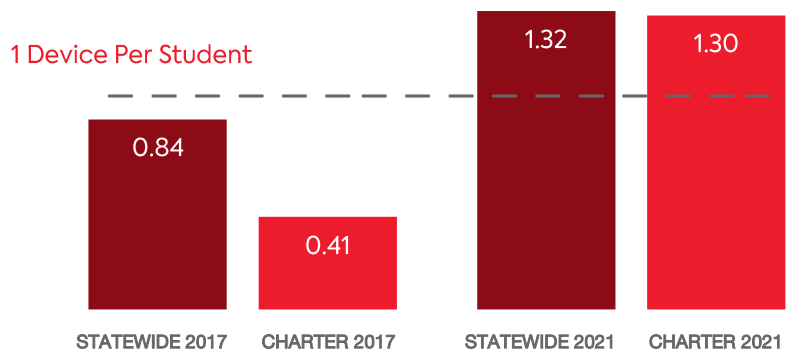
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

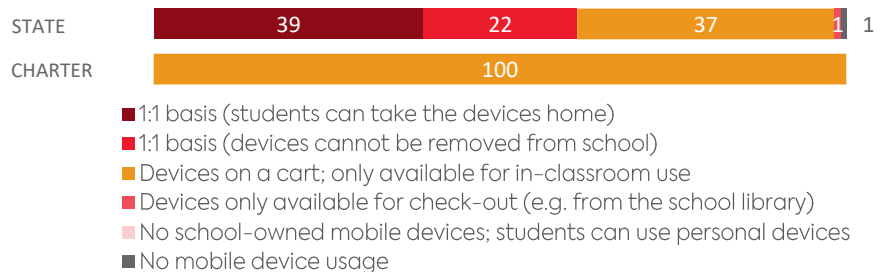


COMPUTING DEVICES USED IN SCHOOLS

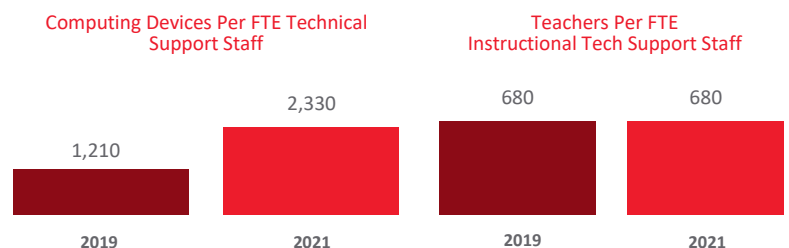
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	2	+1	100%	-30%
LAPTOPS WINDOWS OS	0	2	+1	100%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	3	41	+30	214%	3%
CHROMEBOOKS GOOGLE	520	2	+429	461%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	30	0	+30	N/A	-23%
TABLETS IOS	80	19	+34	52%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	633	66	+525	302%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



CHANNING HALL

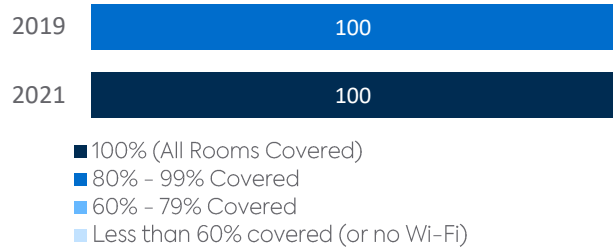
CHARTER FACTS

ENROLLMENT 700
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

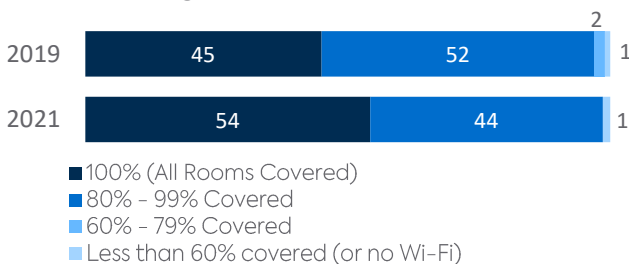
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

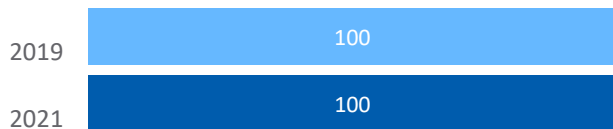


Statewide Coverage

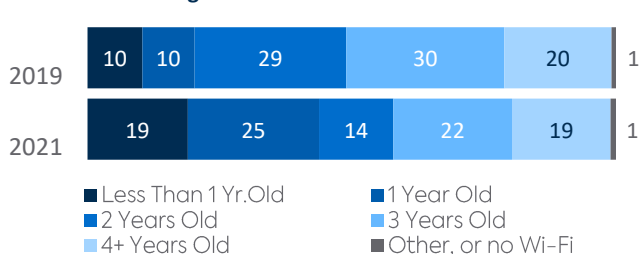


Age of Wi-Fi Access Points Reported by Schools (%)

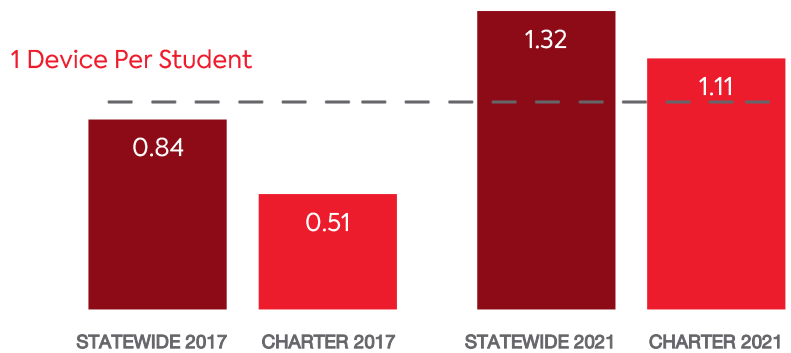
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	14	24	-5	-12%	-30%
LAPTOPS WINDOWS OS	0	100	+7	8%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	750	3	+477	173%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	15	6	-6	-22%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	779	133	+473	108%	59%

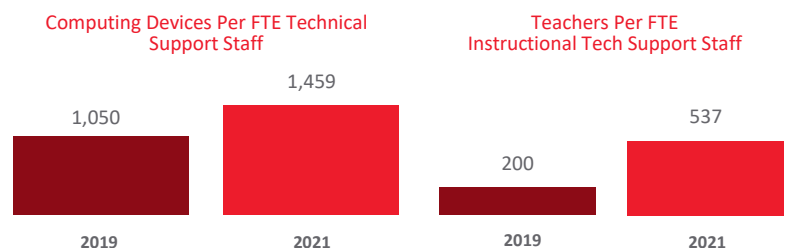
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



CITY ACADEMY

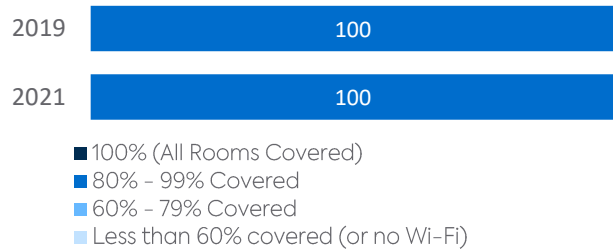
CHARTER FACTS

ENROLLMENT	137
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	5%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

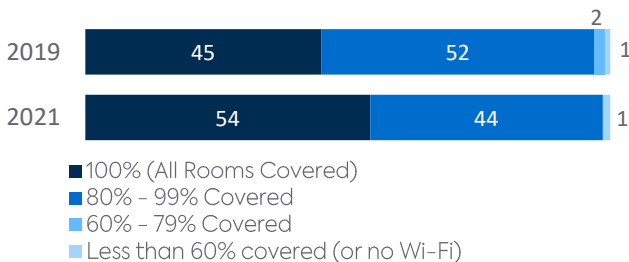
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

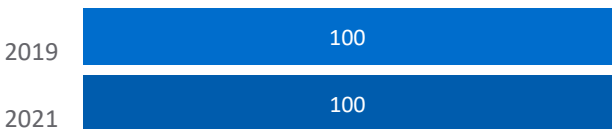


Statewide Coverage

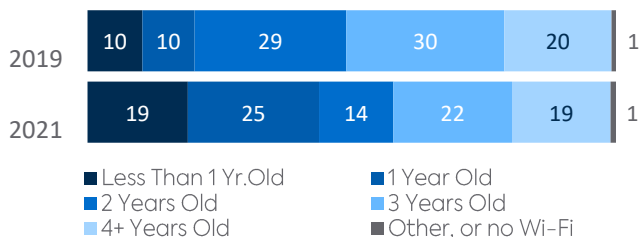


Age of Wi-Fi Access Points Reported by Schools (%)

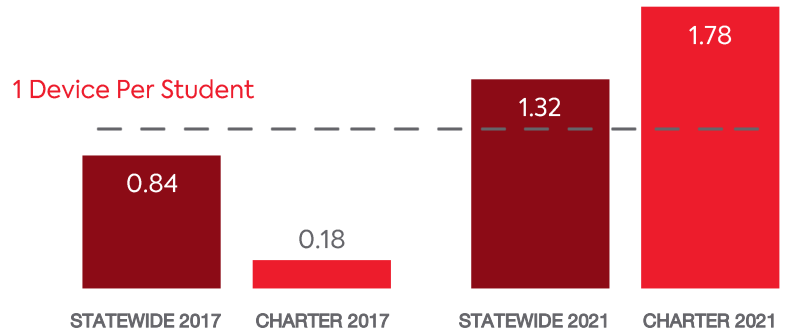
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

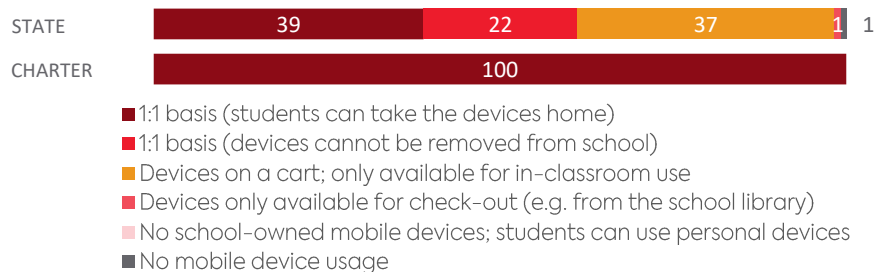


COMPUTING DEVICES USED IN SCHOOLS

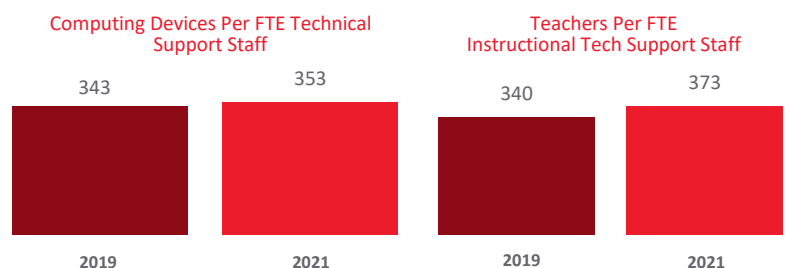
	Student Use	Teacher/ Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	20	20	+20	100%	-30%
LAPTOPS WINDOWS OS	4	9	+13	N/A	112%
DESKTOPS MAC	0	0	-4	-100%	-25%
LAPTOPS MAC	0	0	-6	-100%	3%
CHROMEBOOKS GOOGLE	220	18	+238	N/A	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	244	47	+261	870%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



C. S. LEWIS ACADEMY

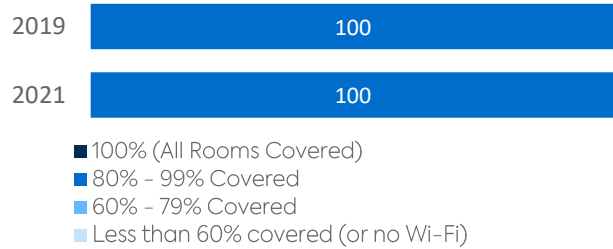
CHARTER FACTS

ENROLLMENT 304
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 20%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 50%

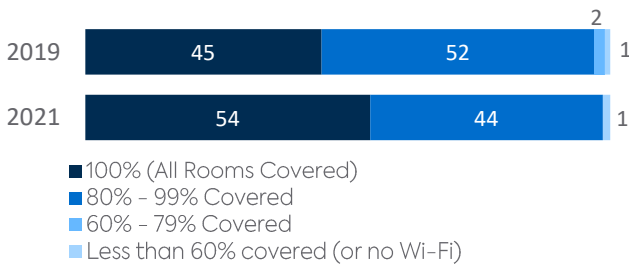
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

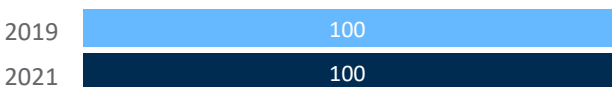


Statewide Coverage

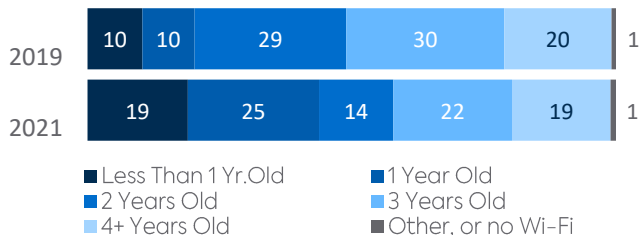


Age of Wi-Fi Access Points Reported by Schools (%)

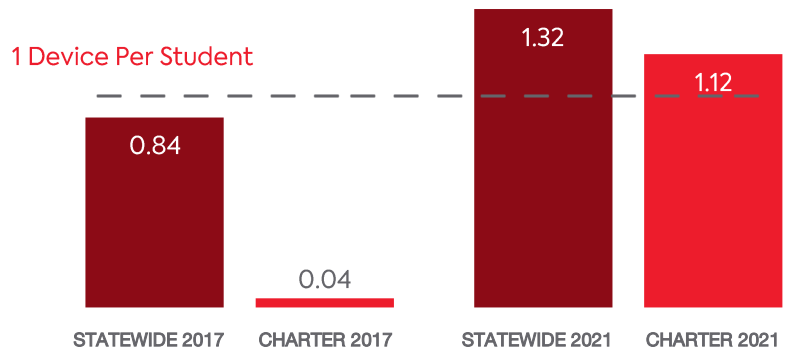
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

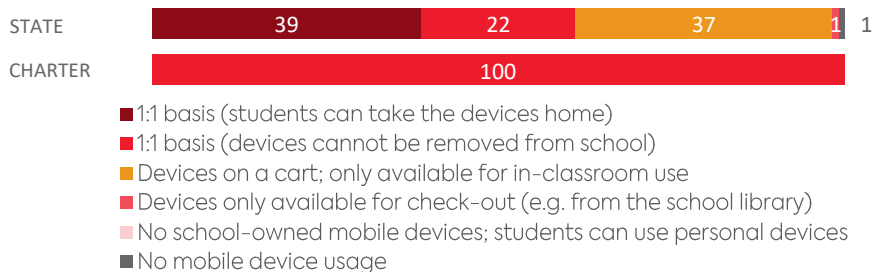


COMPUTING DEVICES USED IN SCHOOLS

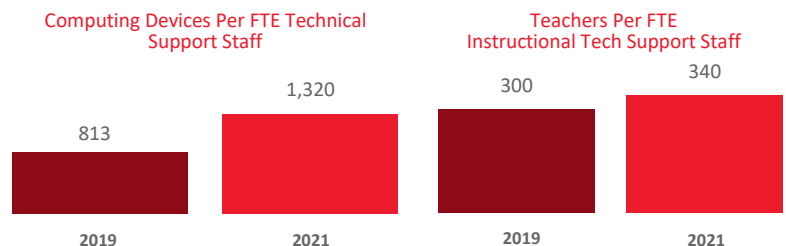
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	15	-11	-42%	-30%
LAPTOPS WINDOWS OS	0	35	+21	150%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	306	0	+292	2086%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	30	0	+30	N/A	-23%
TABLETS IOS	5	5	+10	N/A	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	341	55	+342	633%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



DAVINCI ACADEMY OF SCIENCE & THE ARTS

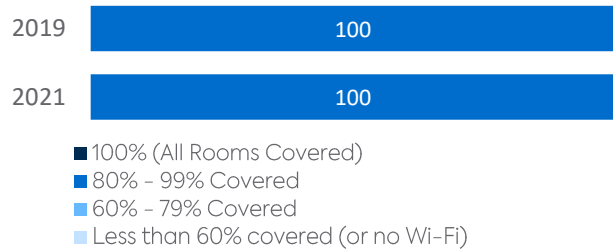
CHARTER FACTS

ENROLLMENT1,268
 NUMBER OF SCHOOLS1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE2%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 10%

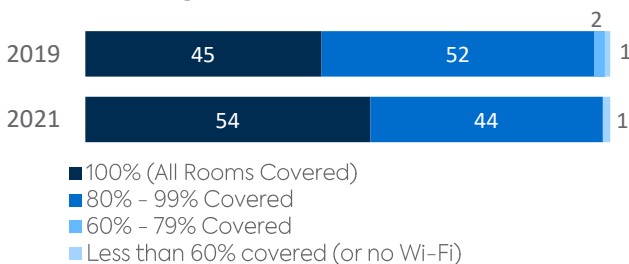
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

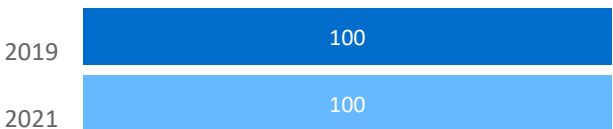


Statewide Coverage

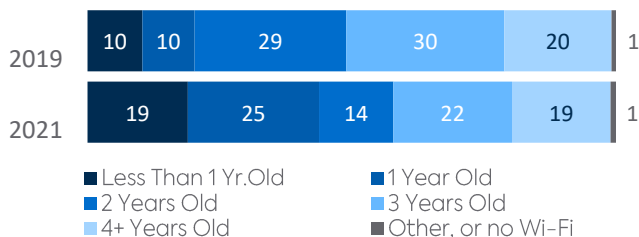


Age of Wi-Fi Access Points Reported by Schools (%)

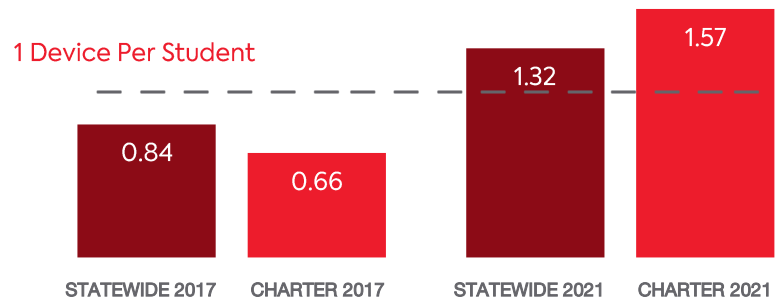
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/ Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	160	95	+40	19%	-30%
LAPTOPS WINDOWS OS	850	110	+400	71%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	900	120	+840	467%	126%
TABLETS WINDOWS	0	3	0	0%	86%
TABLETS ANDROID	80	30	+50	83%	-23%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	1,990	358	+1,330	131%	59%

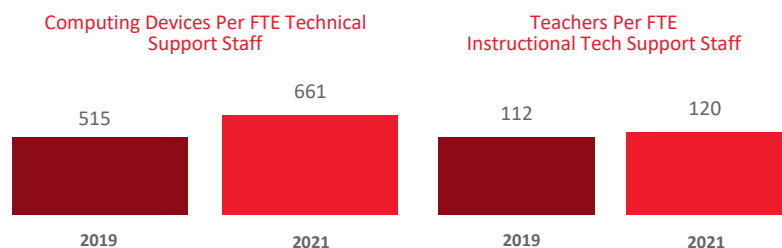
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



DUAL IMMERSION ACADEMY

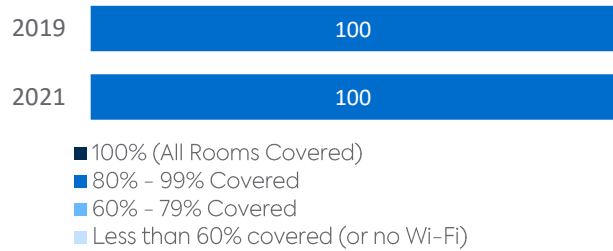
CHARTER FACTS

ENROLLMENT	470
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	15%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

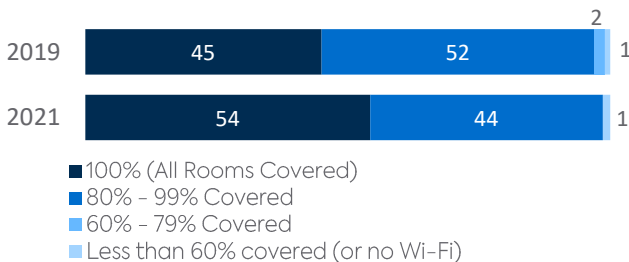
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

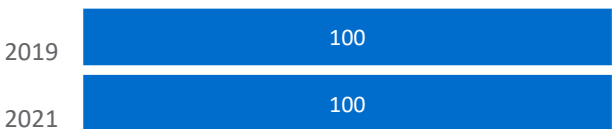


Statewide Coverage

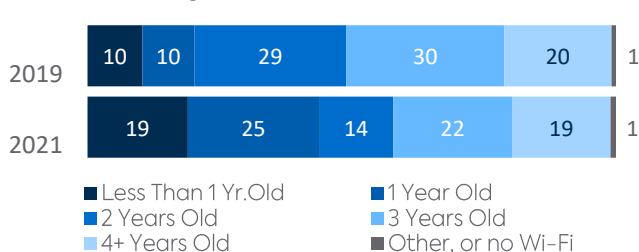


Age of Wi-Fi Access Points Reported by Schools (%)

Charter Coverage

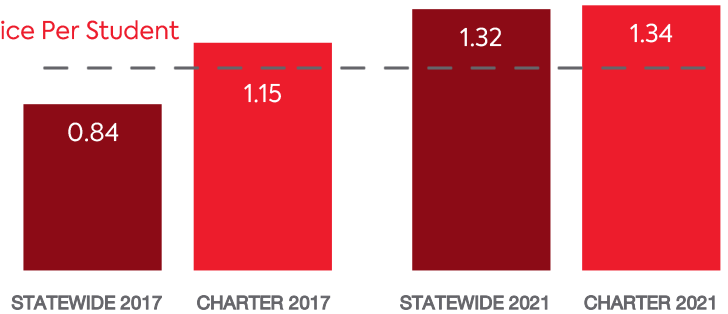


Statewide Coverage



COMPUTING DEVICES PER STUDENT

1 Device Per Student



COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	30	70	-60	-38%	-30%
LAPTOPS WINDOWS OS	0	30	+5	20%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	600	20	+215	53%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	0	15	0	0%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	630	135	+160	26%	59%

MOBILE DEPLOYMENT

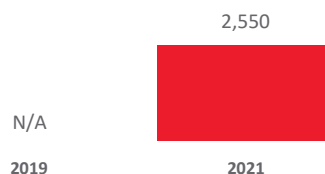
Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS

Computing Devices Per FTE Technical Support Staff



Teachers Per FTE Instructional Tech Support Staff



EAST HOLLYWOOD HIGH SCHOOL

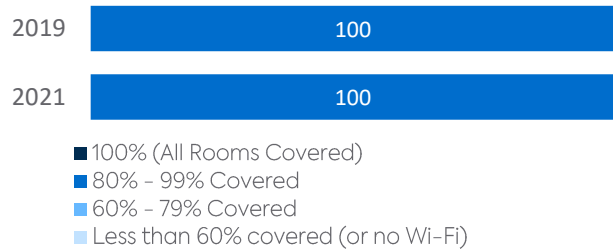
CHARTER FACTS

ENROLLMENT	468
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

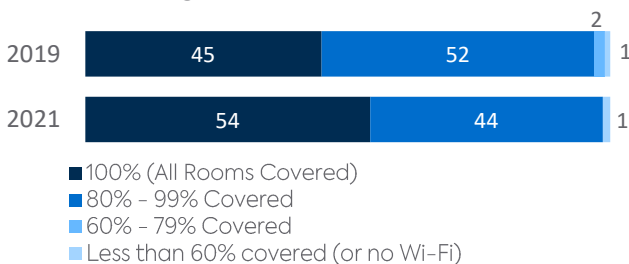
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

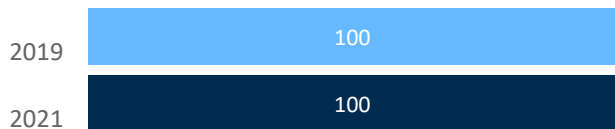


Statewide Coverage

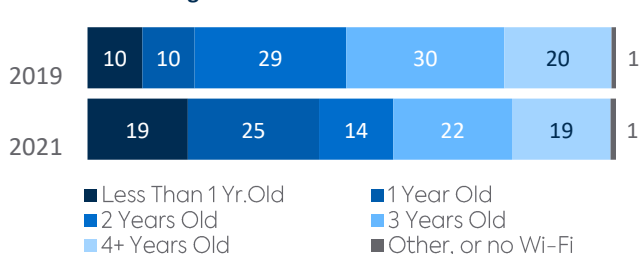


Age of Wi-Fi Access Points Reported by Schools (%)

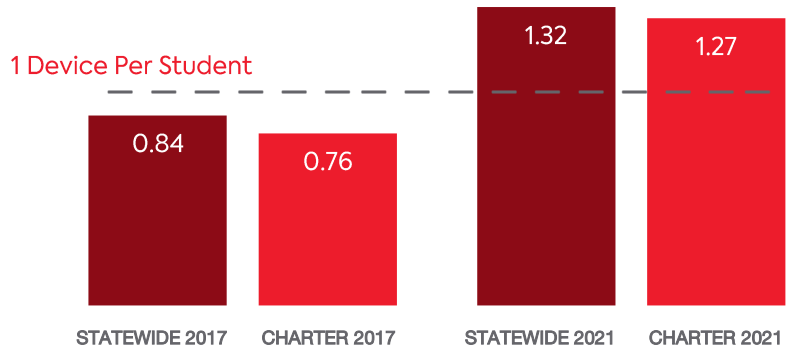
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/ Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	50	32	-48	-37%	-30%
LAPTOPS WINDOWS OS	15	3	-42	-70%	112%
DESKTOPS MAC	30	3	0	0%	-25%
LAPTOPS MAC	0	0	-5	-100%	3%
CHROMEBOOKS GOOGLE	500	0	+420	525%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	595	38	+325	106%	59%

MOBILE DEPLOYMENT

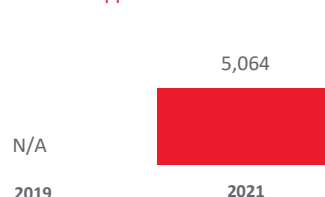
Wireless Device Policies at Schools (%)



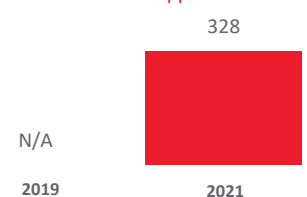
- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS

Computing Devices Per FTE Technical Support Staff



Teachers Per FTE Instructional Tech Support Staff



EDITH BOWEN LABORATORY SCHOOL

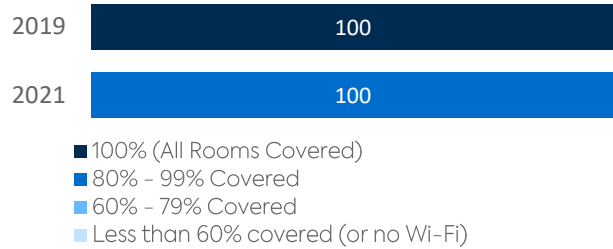
CHARTER FACTS

ENROLLMENT	356
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

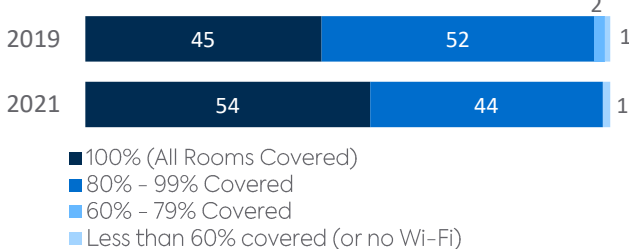
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage



Statewide Coverage

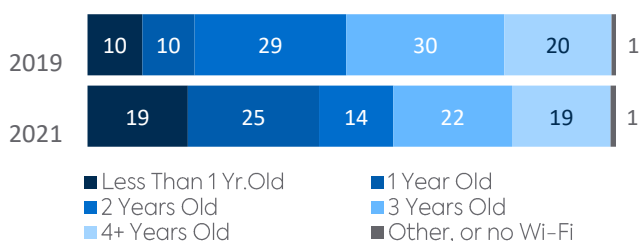


Age of Wi-Fi Access Points Reported by Schools (%)

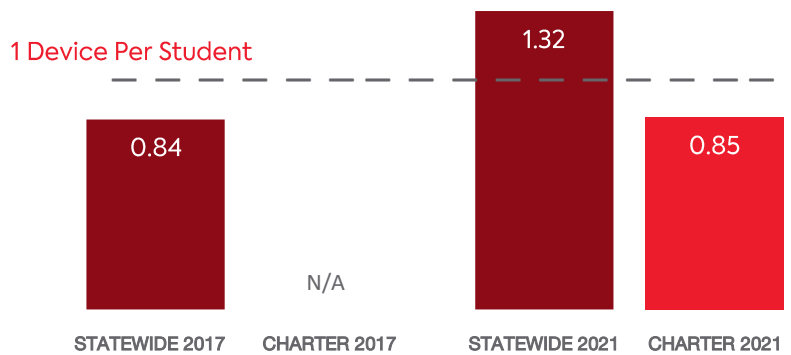
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/ Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	7	+1	17%	-30%
LAPTOPS WINDOWS OS	0	3	-1	-25%	112%
DESKTOPS MAC	8	0	-4	-33%	-25%
LAPTOPS MAC	0	27	+13	93%	3%
CHROMEBOOKS GOOGLE	213	0	-147	-41%	126%
TABLETS WINDOWS	0	2	-1	-33%	86%
TABLETS ANDROID	0	1	+1	N/A	-23%
TABLETS IOS	80	30	+89	424%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	301	70	-49	-12%	59%

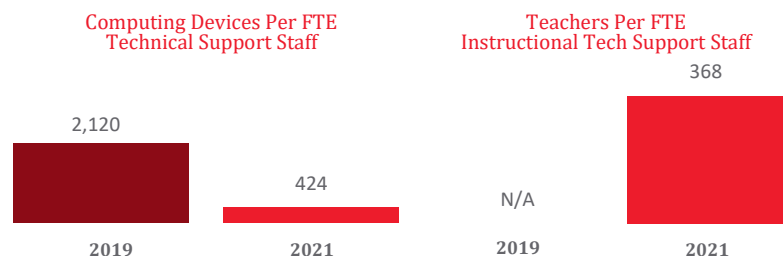
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



ENDEAVOR HALL

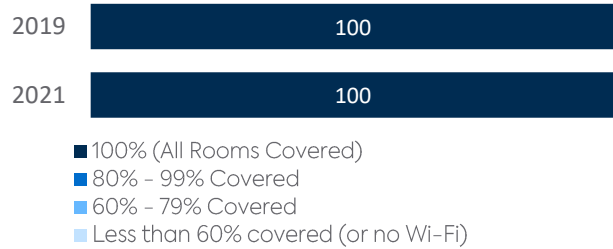
CHARTER FACTS

ENROLLMENT	343
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

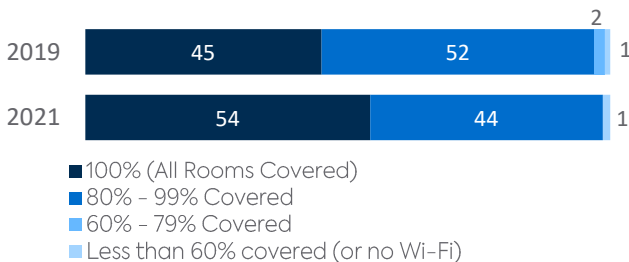
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

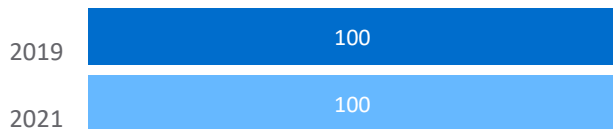


Statewide Coverage

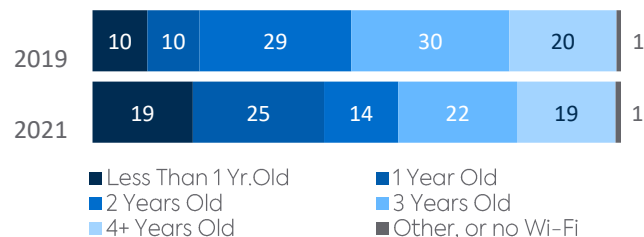


Age of Wi-Fi Access Points Reported by Schools (%)

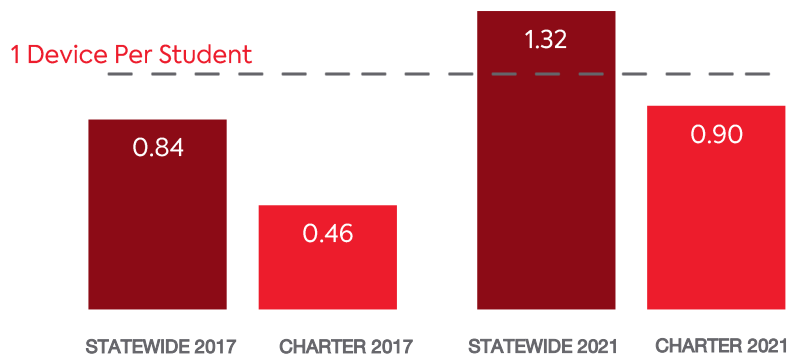
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	2	2	+2	100%	-30%
LAPTOPS WINDOWS OS	70	35	-90	-46%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	232	0	+117	102%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	6	0	0	0%	-88%
ALL COMPUTING DEVICES	310	37	+29	9%	59%

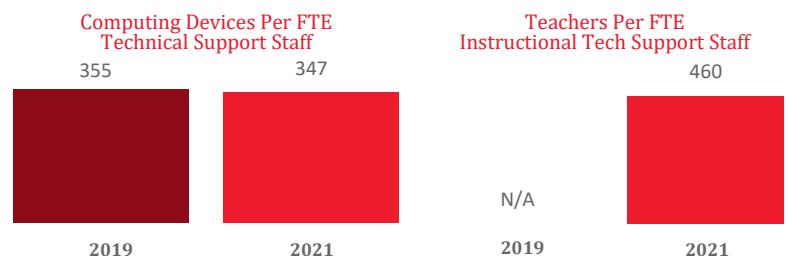
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



ENTHEOS ACADEMY

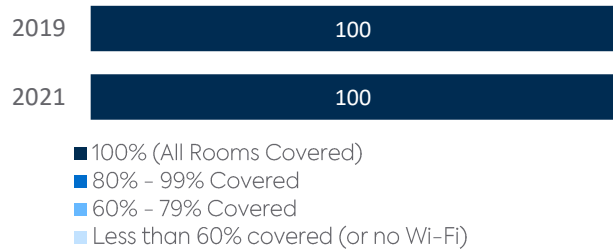
CHARTER FACTS

ENROLLMENT1,069
 NUMBER OF SCHOOLS2
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE10%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE0%

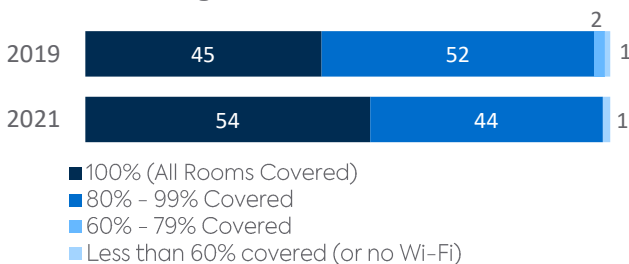
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

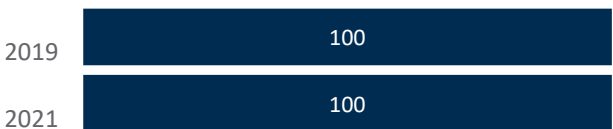


Statewide Coverage

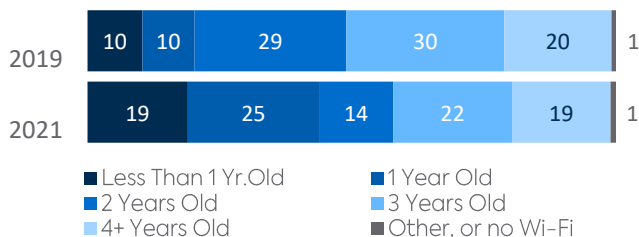


Age of Wi-Fi Access Points Reported by Schools (%)

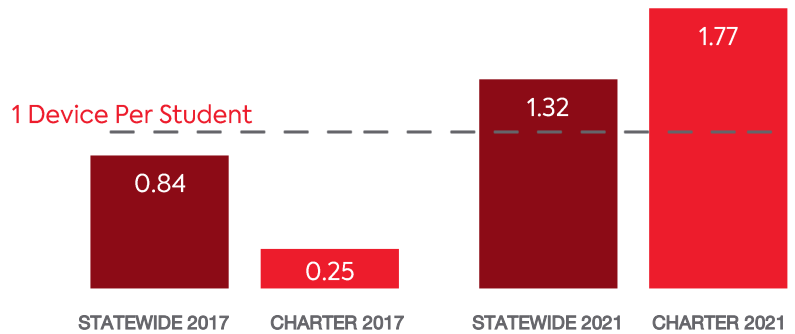
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	88	3	+4	5%	-30%
LAPTOPS WINDOWS OS	78	110	+73	63%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	1,648	0	+1,468	816%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	12	11	+23	N/A	-23%
TABLETS IOS	62	0	+52	520%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	1,888	124	+1,620	413%	59%

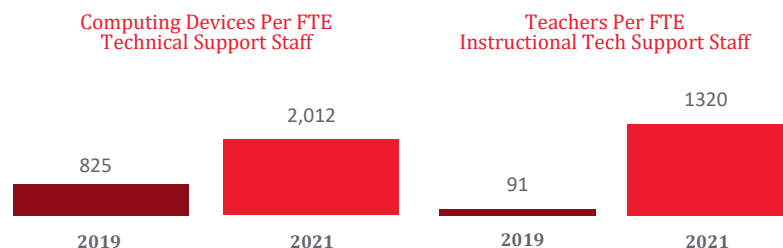
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



ESPERANZA ELEMENTARY

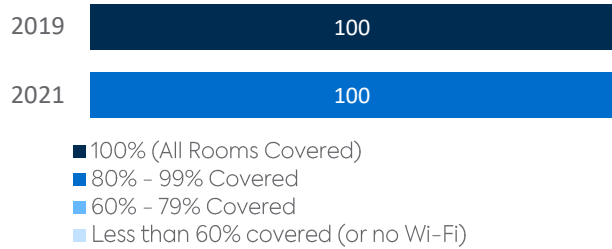
CHARTER FACTS

ENROLLMENT	532
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	10%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	1%

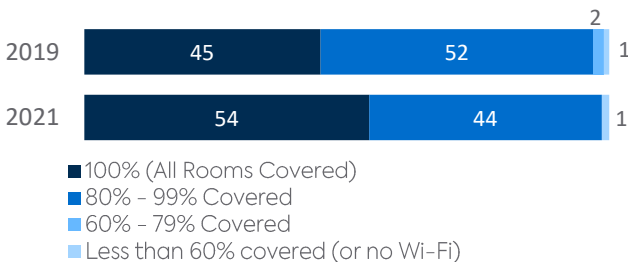
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

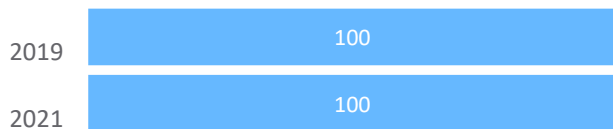


Statewide Coverage

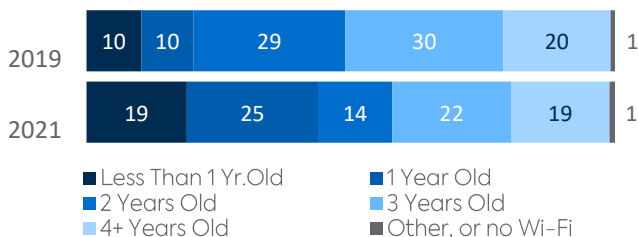


Age of Wi-Fi Access Points Reported by Schools (%)

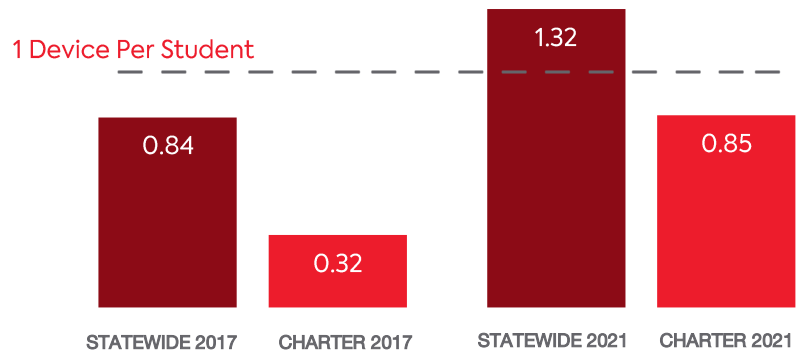
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/ Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	26	30	0	0%	-30%
LAPTOPS WINDOWS OS	0	10	0	0%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	415	0	+325	361%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	10	0	0	0%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	451	40	+325	196%	59%

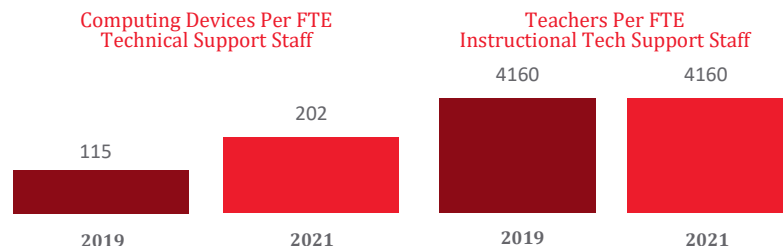
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



EXCELSIOR ACADEMY

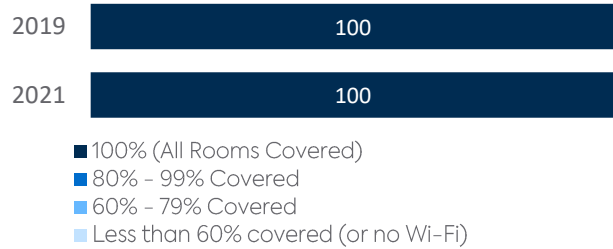
CHARTER FACTS

ENROLLMENT1,353
 NUMBER OF SCHOOLS1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE0%

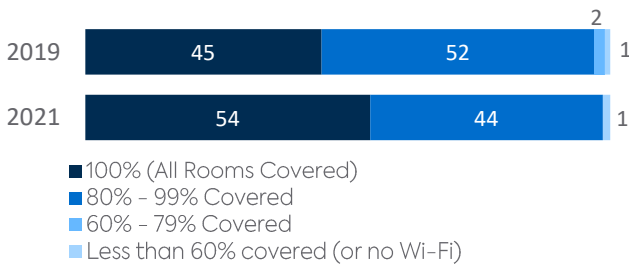
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

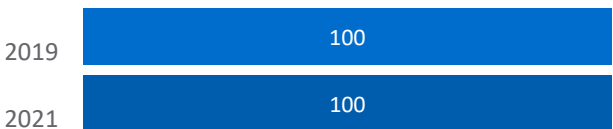


Statewide Coverage

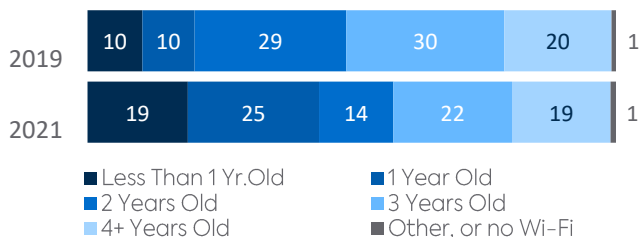


Age of Wi-Fi Access Points Reported by Schools (%)

Charter Coverage

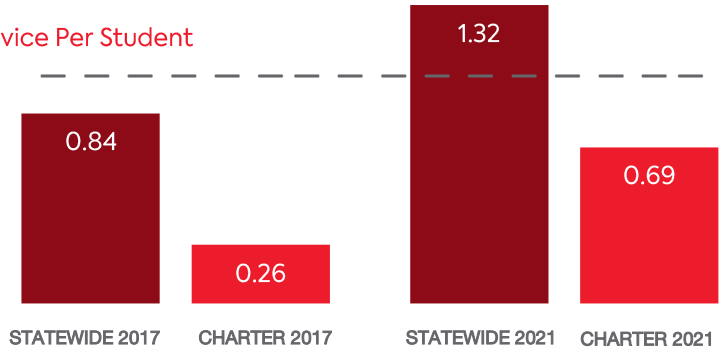


Statewide Coverage



COMPUTING DEVICES PER STUDENT

1 Device Per Student



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	30	0	+30	N/A	-30%
LAPTOPS WINDOWS OS	0	100	+10	11%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	-60	-100%	3%
CHROMEBOOKS GOOGLE	900	0	+780	650%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	0	55	+15	38%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	930	155	+775	250%	59%

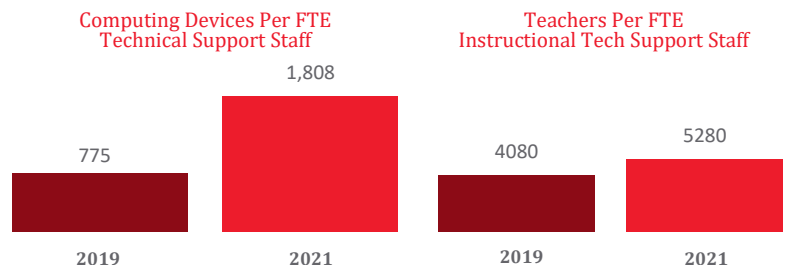
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



FAST FORWARD CHARTER HIGH SCHOOL

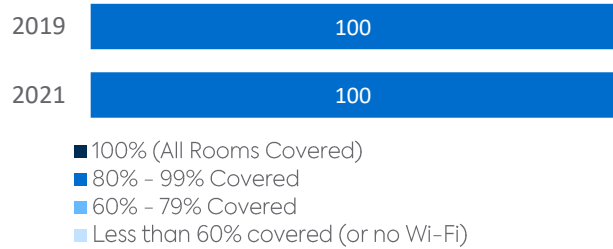
CHARTER FACTS

ENROLLMENT 313
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 15%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 5%

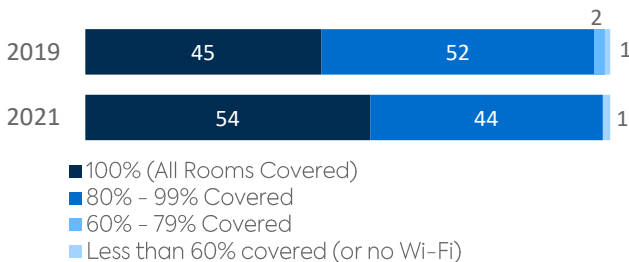
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

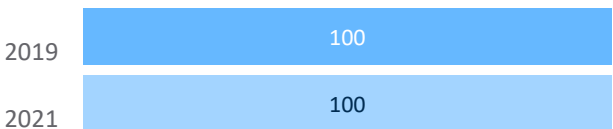


Statewide Coverage

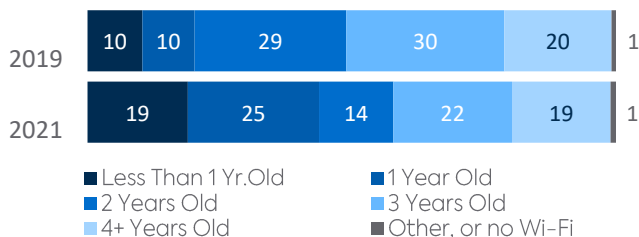


Age of Wi-Fi Access Points Reported by Schools (%)

Charter Coverage

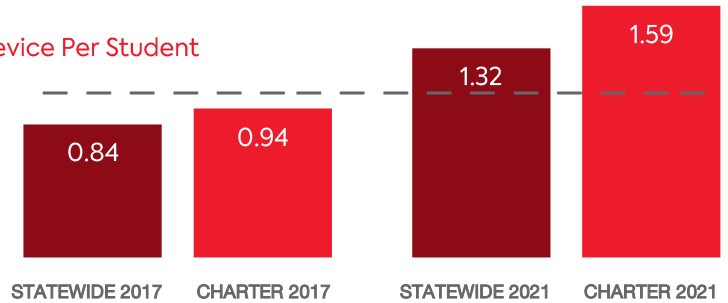


Statewide Coverage



COMPUTING DEVICES PER STUDENT

1 Device Per Student



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	40	20	0	0%	-30%
LAPTOPS WINDOWS OS	30	25	+1	2%	112%
DESKTOPS MAC	17	3	+1	5%	-25%
LAPTOPS MAC	40	3	+20	87%	3%
CHROMEBOOKS GOOGLE	350	0	+250	250%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	20	25	+20	80%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	497	76	+292	104%	59%

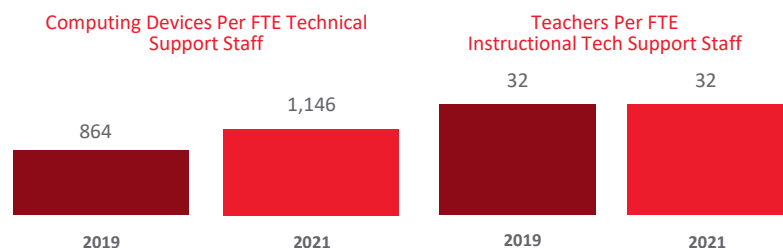
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



FRANKLIN DISCOVERY ACADEMY

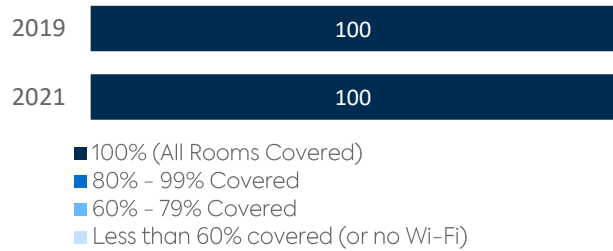
CHARTER FACTS

ENROLLMENT 639
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 15%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

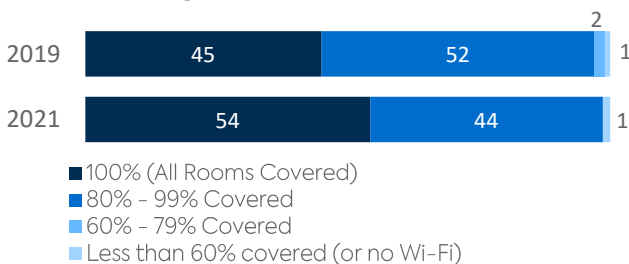
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

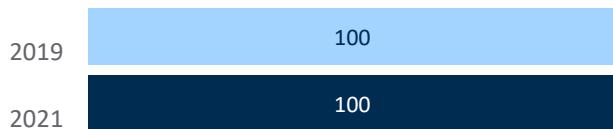


Statewide Coverage

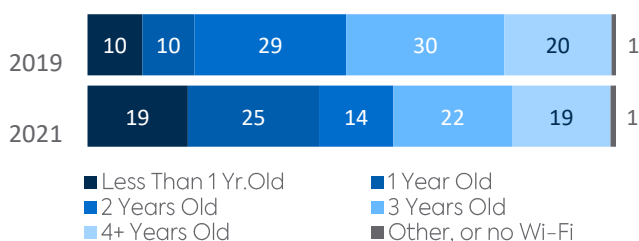


Age of Wi-Fi Access Points Reported by Schools (%)

Charter Coverage

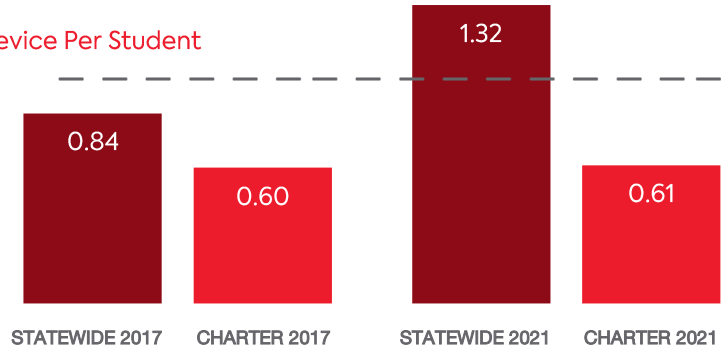


Statewide Coverage



COMPUTING DEVICES PER STUDENT

1 Device Per Student



COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	0	0	N/A	-30%
LAPTOPS WINDOWS OS	0	6	-14	-70%	112%
DESKTOPS MAC	79	6	+81	2025%	-25%
LAPTOPS MAC	0	53	+43	430%	3%
CHROMEBOOKS GOOGLE	300	15	-5	-2%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	10	2	+10	500%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	389	82	+115	32%	59%

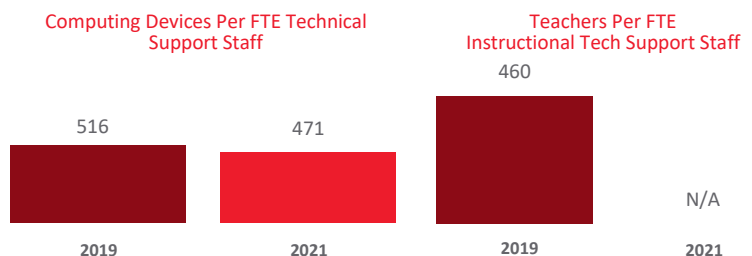
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



FREEDOM PREPARATORY ACADEMY

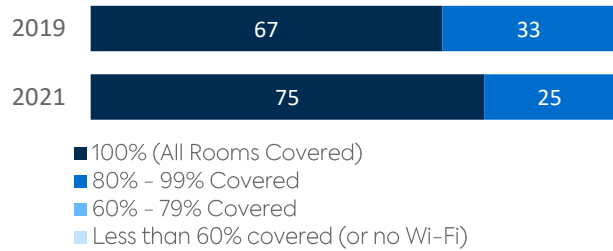
CHARTER FACTS

ENROLLMENT2,002
 NUMBER OF SCHOOLS4
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 13.3%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE0%

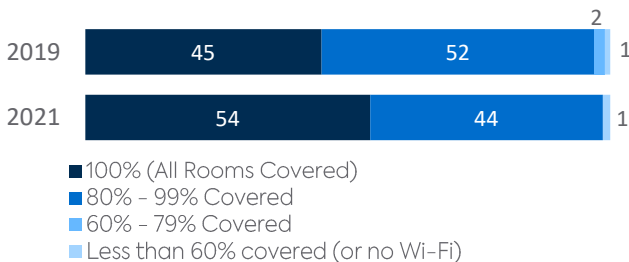
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

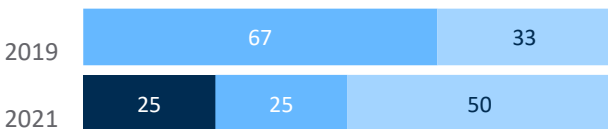


Statewide Coverage

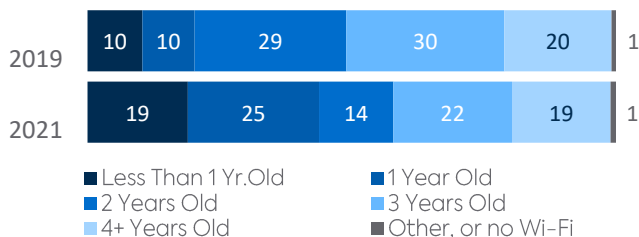


Age of Wi-Fi Access Points Reported by Schools (%)

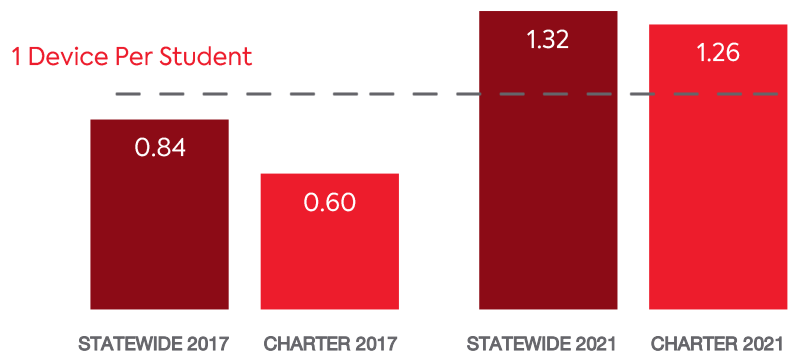
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

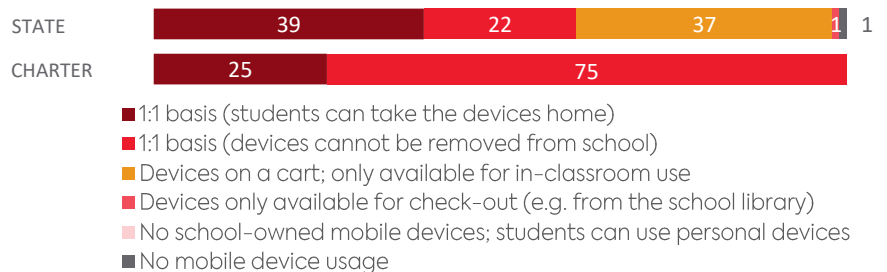


COMPUTING DEVICES USED IN SCHOOLS

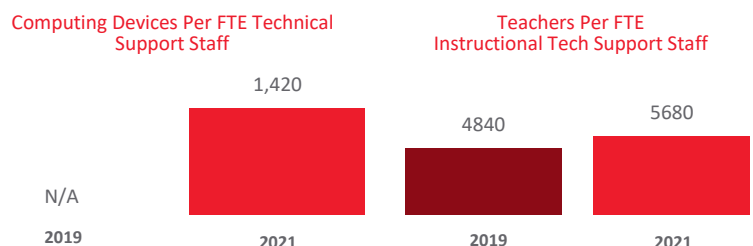
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	45	155	+78	64%	-30%
LAPTOPS WINDOWS OS	27	14	+40	4000%	112%
DESKTOPS MAC	37	28	+65	N/A	-25%
LAPTOPS MAC	0	8	+8	N/A	3%
CHROMEBOOKS GOOGLE	2,113	85	+1,668	315%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	300	27	+315	2625%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	2,522	317	+2,174	327%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



GATEWAY PREPARATORY ACADEMY

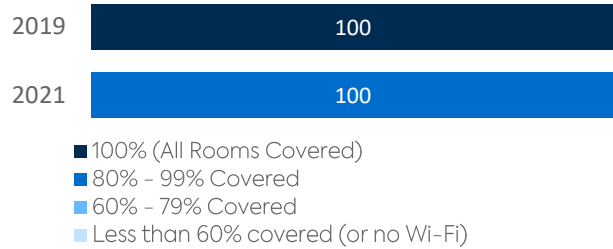
CHARTER FACTS

ENROLLMENT	680
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	1%

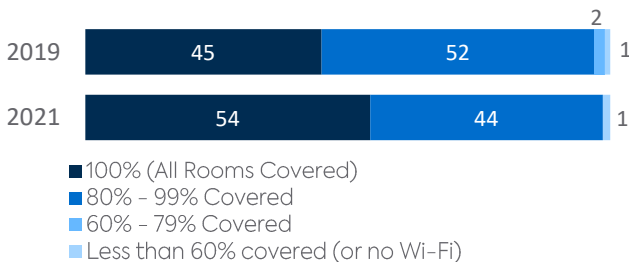
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

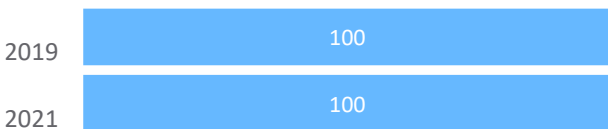


Statewide Coverage

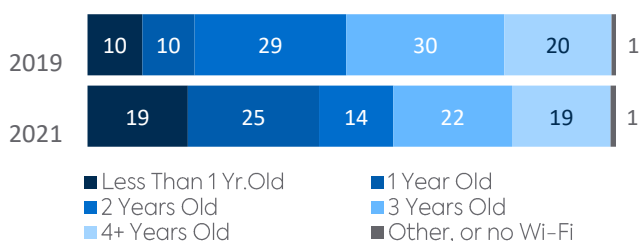


Age of Wi-Fi Access Points Reported by Schools (%)

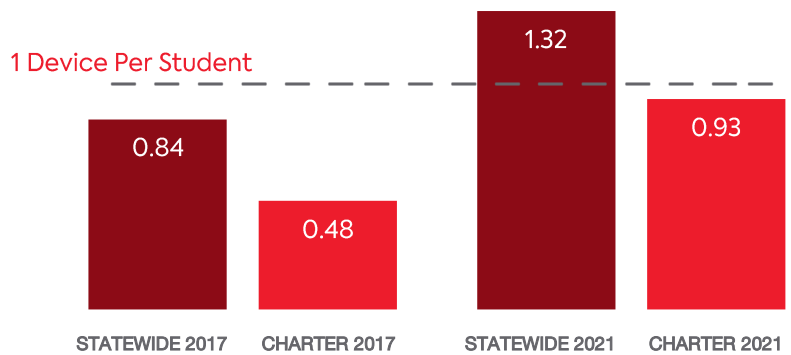
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

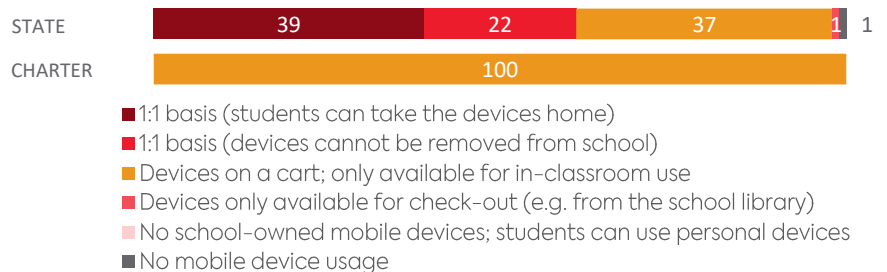


COMPUTING DEVICES USED IN SCHOOLS

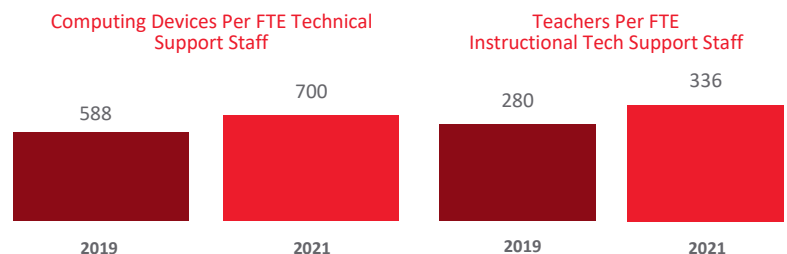
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	30	10	+6	18%	-30%
LAPTOPS WINDOWS OS	0	42	+7	20%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	2	-2	-50%	3%
CHROMEBOOKS GOOGLE	500	0	+210	72%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	100	16	+88	314%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	630	70	+309	79%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



GEORGE WASHINGTON ACADEMY

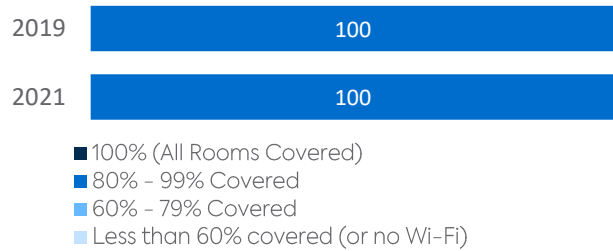
CHARTER FACTS

ENROLLMENT1,017
 NUMBER OF SCHOOLS1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE0%

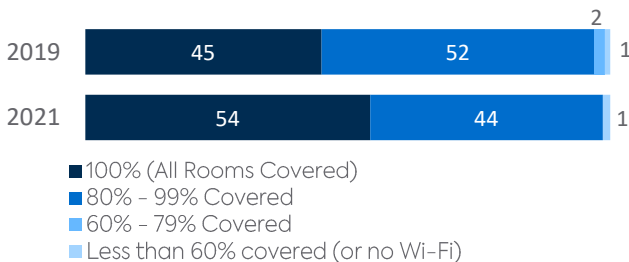
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

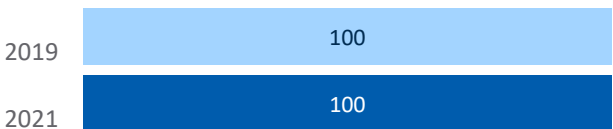


Statewide Coverage

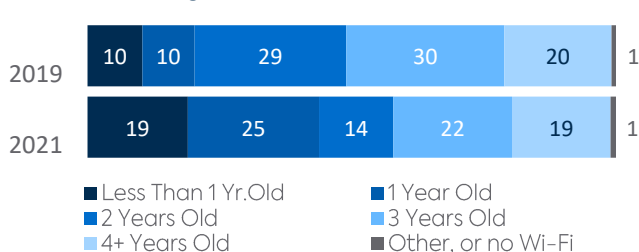


Age of Wi-Fi Access Points Reported by Schools (%)

Charter Coverage

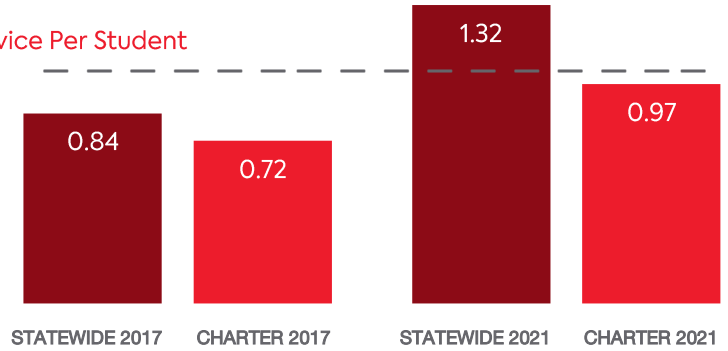


Statewide Coverage



COMPUTING DEVICES PER STUDENT

1 Device Per Student



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	58	72	-28	-18%	-30%
LAPTOPS WINDOWS OS	0	2	-38	-95%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	70	+70	N/A	3%
CHROMEBOOKS GOOGLE	790	15	+212	36%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	139	3	+111	358%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	987	162	+327	40%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)

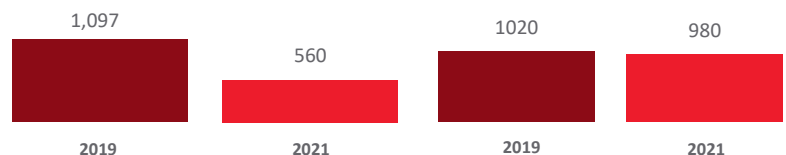


- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



GOOD FOUNDATIONS ACADEMY

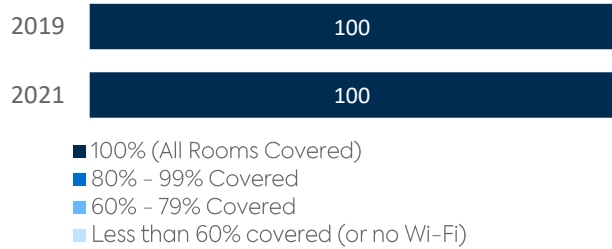
CHARTER FACTS

ENROLLMENT 404
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

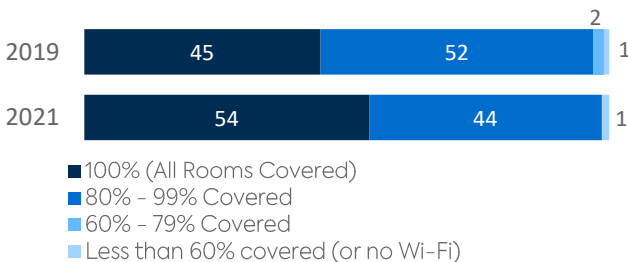
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage



Statewide Coverage

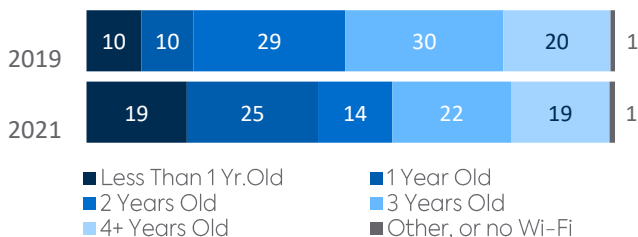


Age of Wi-Fi Access Points Reported by Schools (%)

Charter Coverage

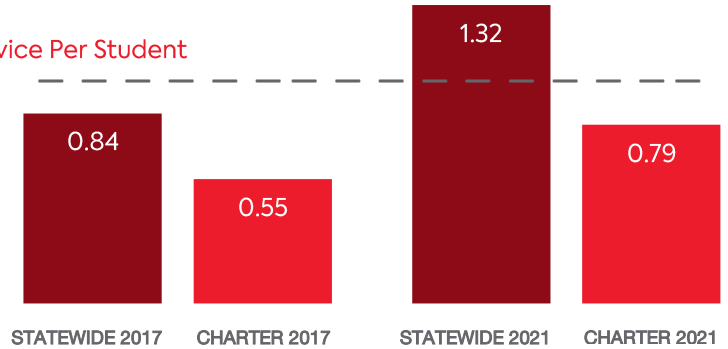


Statewide Coverage



COMPUTING DEVICES PER STUDENT

1 Device Per Student



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	30	-26	-46%	-30%
LAPTOPS WINDOWS OS	0	4	-20	-83%	112%
DESKTOPS MAC	0	1	-25	-96%	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	300	0	+120	67%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	20	0	0	0%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	320	35	+49	16%	59%

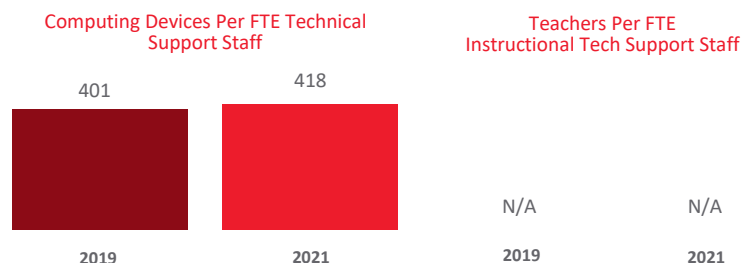
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



GREENWOOD CHARTER SCHOOL

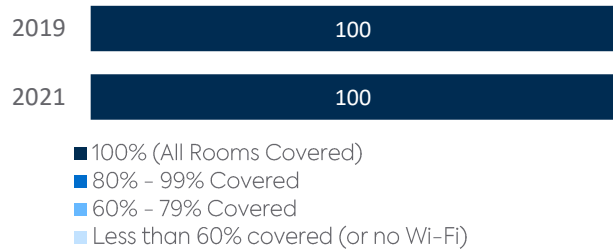
CHARTER FACTS

ENROLLMENT	350
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	1%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	1%

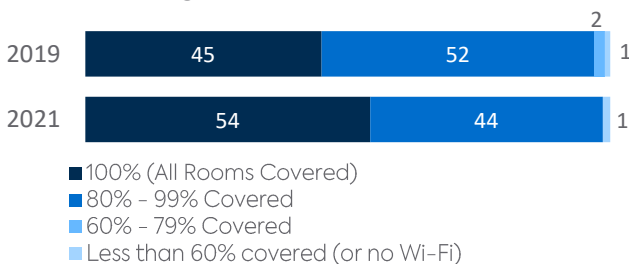
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

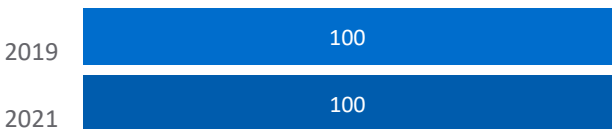


Statewide Coverage

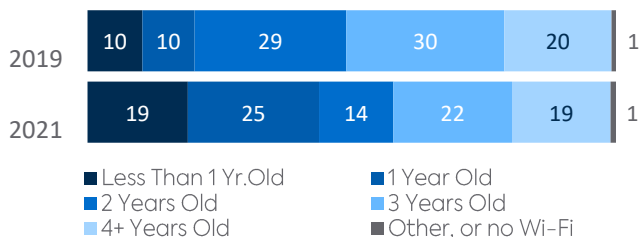


Age of Wi-Fi Access Points Reported by Schools (%)

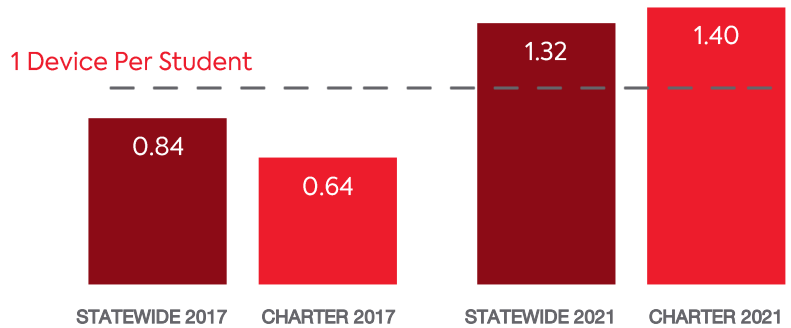
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

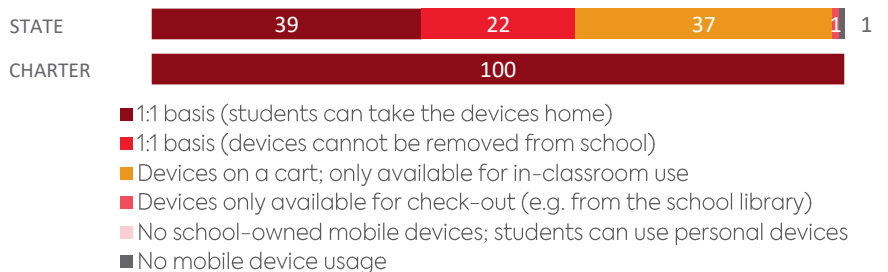


COMPUTING DEVICES USED IN SCHOOLS

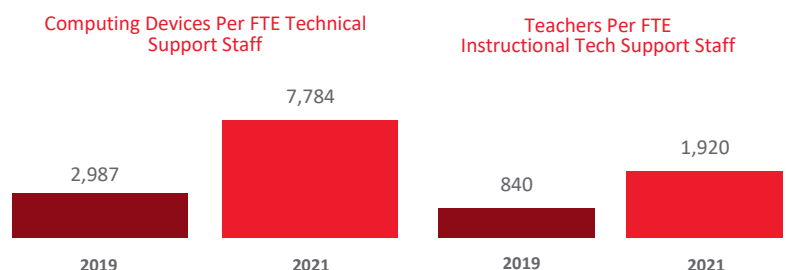
	Student Use	Teacher/ Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	27	-53	-66%	-30%
LAPTOPS WINDOWS OS	0	4	-6	-60%	+112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	27	+27	N/A	+3%
CHROMEBOOKS GOOGLE	400	400	+670	+515%	+126%
TABLETS WINDOWS	0	0	0	N/A	+86%
TABLETS ANDROID	0	0	-50	-100%	-23%
TABLETS IOS	90	25	+115	N/A	+21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	490	483	+703	+260%	+59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



GUADALUPE SCHOOL

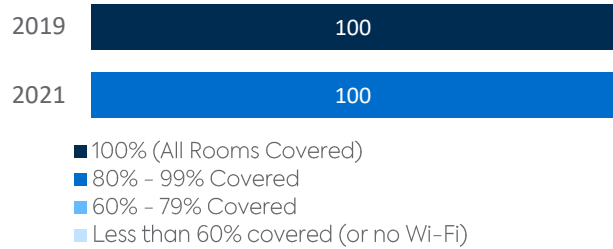
CHARTER FACTS

ENROLLMENT 425
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 17%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 20%

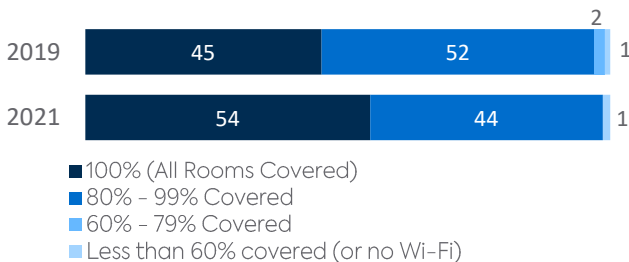
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

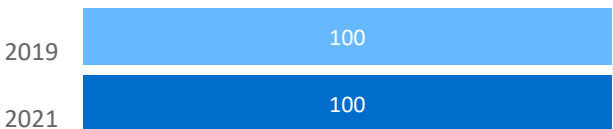


Statewide Coverage

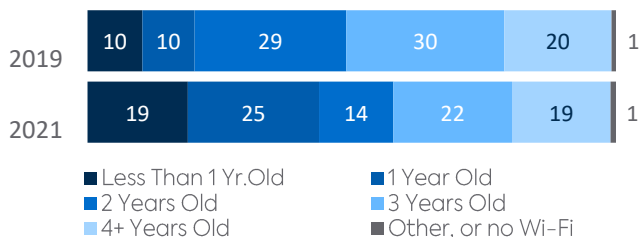


Age of Wi-Fi Access Points Reported by Schools (%)

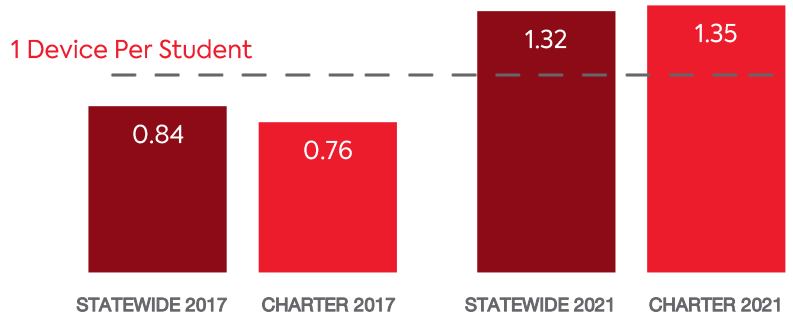
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	26	30	+6	12%	-30%
LAPTOPS WINDOWS OS	200	60	+185	247%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	198	0	-82	-29%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	150	9	+152	2171%	-23%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	574	99	+261	63%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)

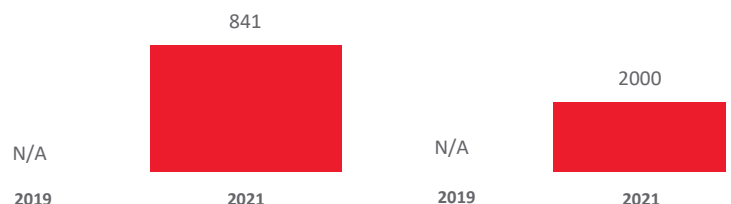


- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



HAWTHORN ACADEMY

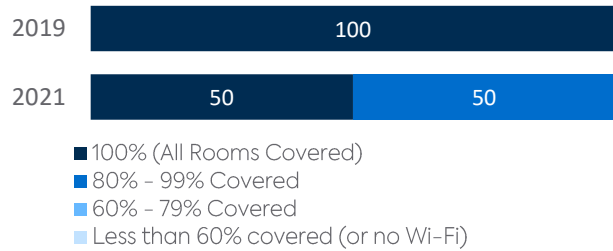
CHARTER FACTS

ENROLLMENT1,322
 NUMBER OF SCHOOLS2
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE2.7%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE0%

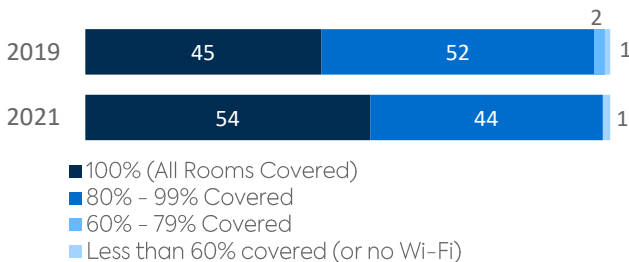
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

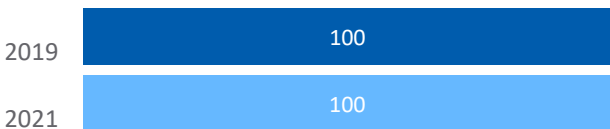


Statewide Coverage

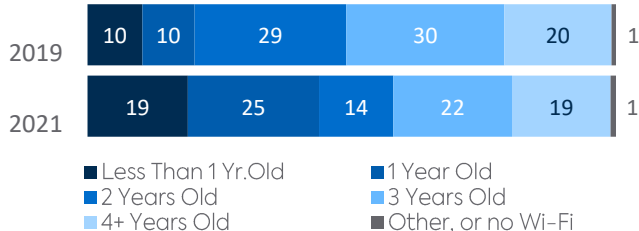


Age of Wi-Fi Access Points Reported by Schools (%)

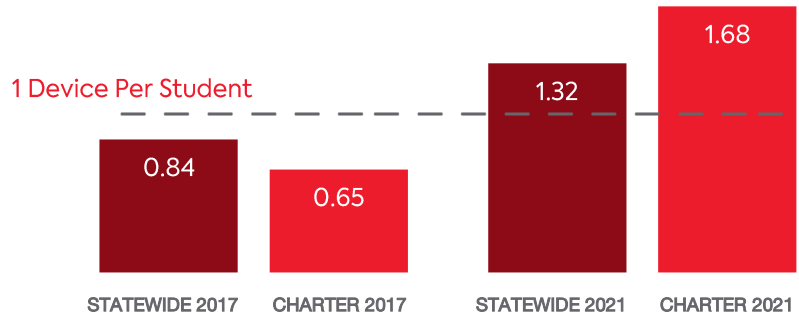
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

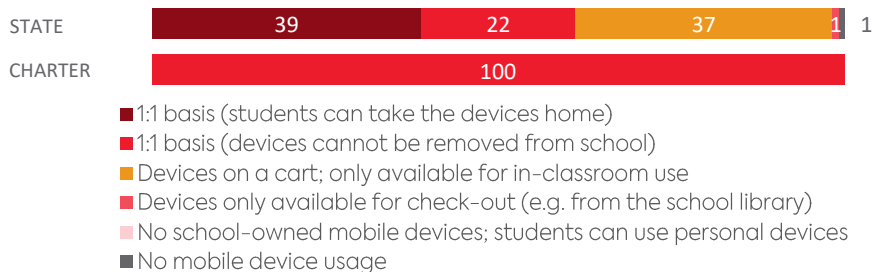


COMPUTING DEVICES USED IN SCHOOLS

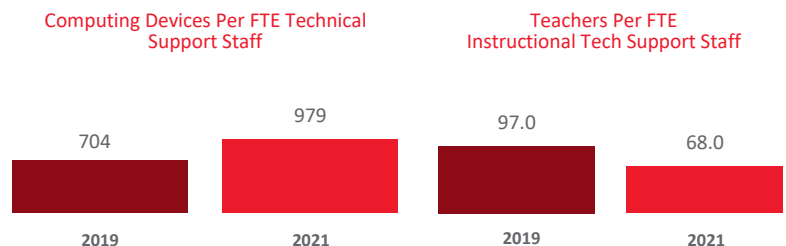
	Student Use	Teacher/ Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	76	10	+15	21%	-30%
LAPTOPS WINDOWS OS	86	130	-340	-61%	112%
DESKTOPS MAC	0	1	0	0%	-25%
LAPTOPS MAC	0	1	+1	N/A	3%
CHROMEBOOKS GOOGLE	1,995	0	+1,656	488%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	65	83	+2	1%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	2,222	225	+1,334	120%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



HIGHMARK CHARTER SCHOOL

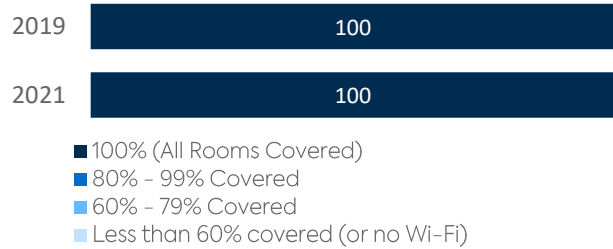
CHARTER FACTS

ENROLLMENT	631
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	1%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

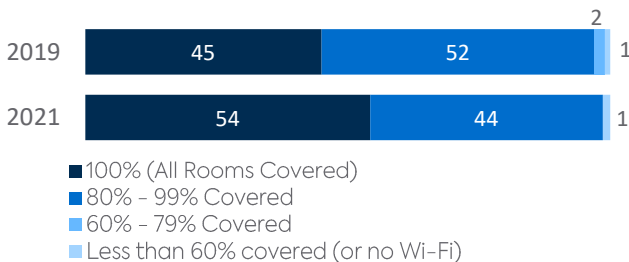
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

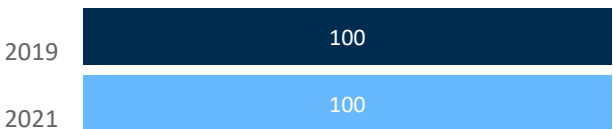


Statewide Coverage

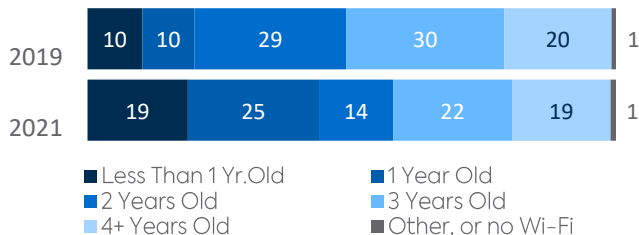


Age of Wi-Fi Access Points Reported by Schools (%)

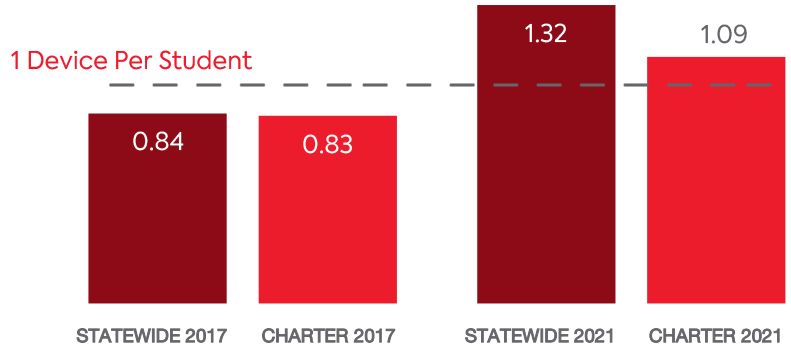
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

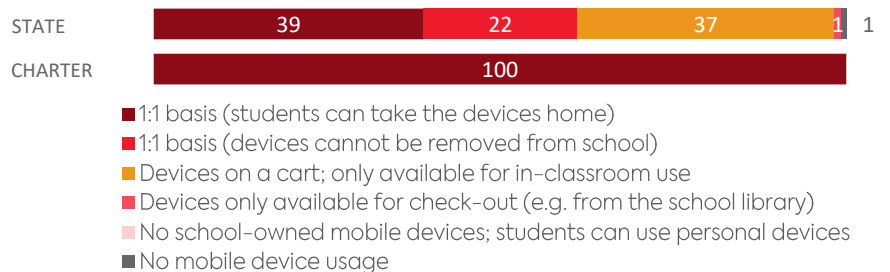


COMPUTING DEVICES USED IN SCHOOLS

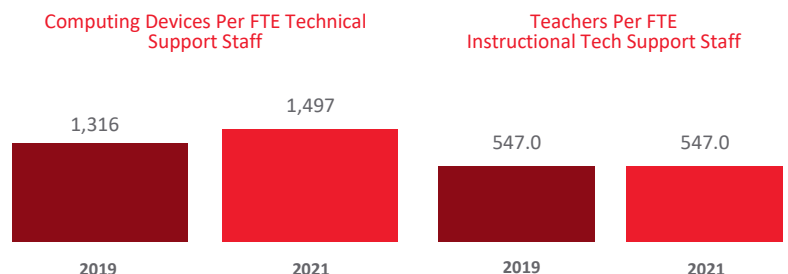
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	0	0	N/A	-30%
LAPTOPS WINDOWS OS	195	45	-370	-61%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	465	0	+465	N/A	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	30	51	0	0%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	690	96	+95	14%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



IGNITE ENTREPRENEURSHIP ACADEMY

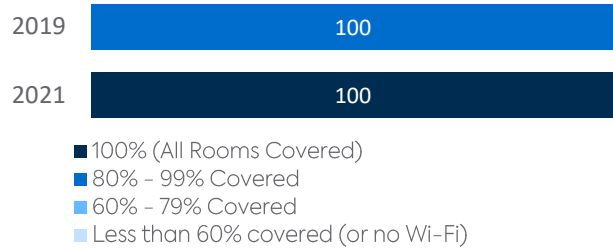
CHARTER FACTS

ENROLLMENT	542
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	1%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

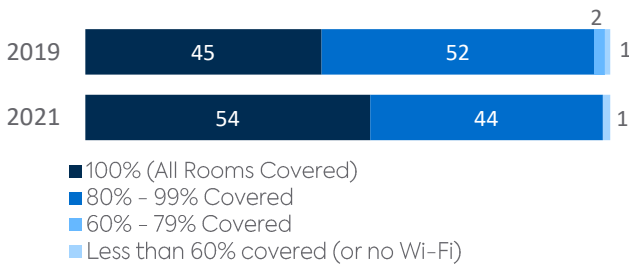
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage



Statewide Coverage

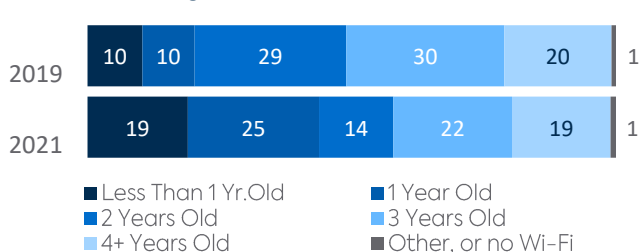


Age of Wi-Fi Access Points Reported by Schools (%)

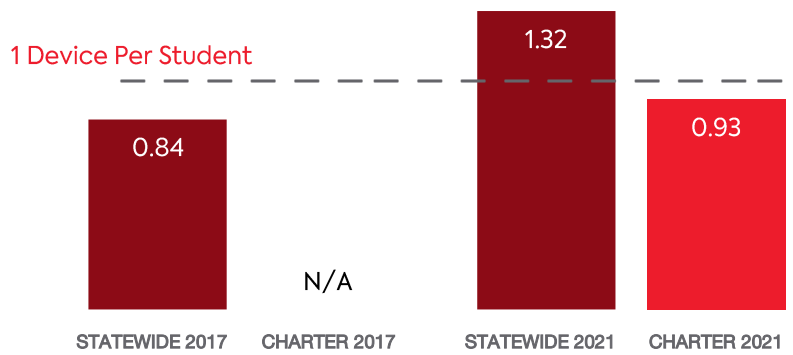
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

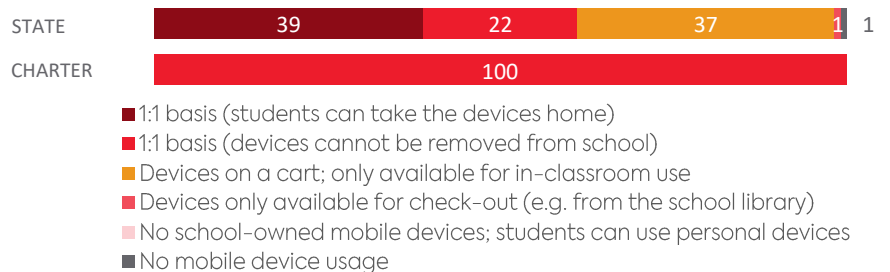


COMPUTING DEVICES USED IN SCHOOLS

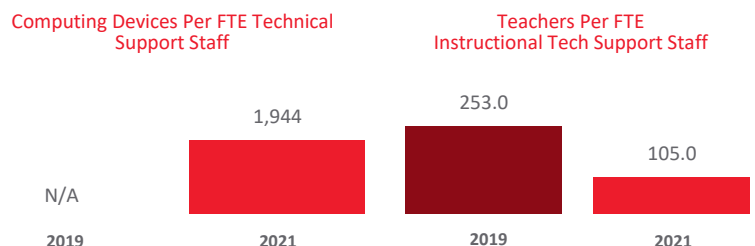
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	0	0	N/A	-30%
LAPTOPS WINDOWS OS	0	45	+45	N/A	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	480	4	+484	N/A	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	22	8	+30	N/A	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	502	57	+559	N/A	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



INTECH COLLEGIATE HIGH SCHOOL

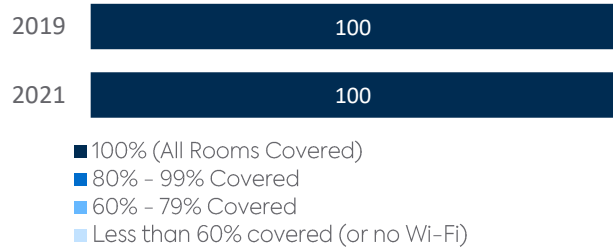
CHARTER FACTS

ENROLLMENT	199
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	1%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

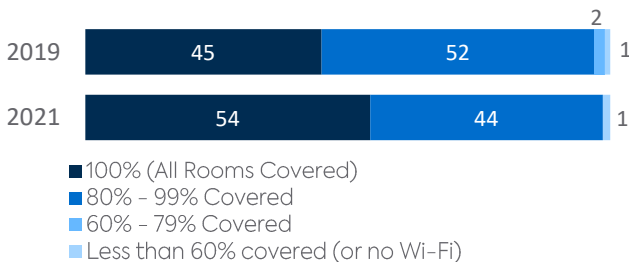
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

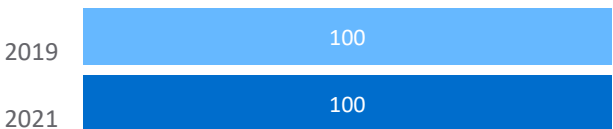


Statewide Coverage

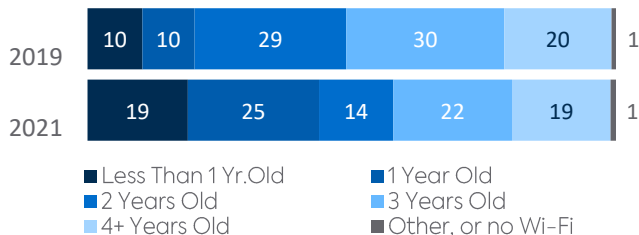


Age of Wi-Fi Access Points Reported by Schools (%)

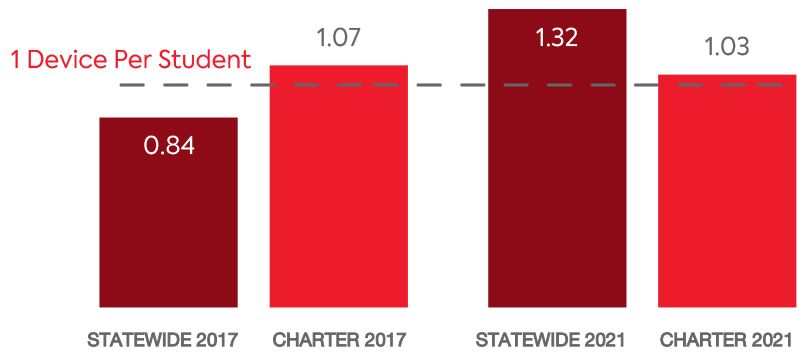
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

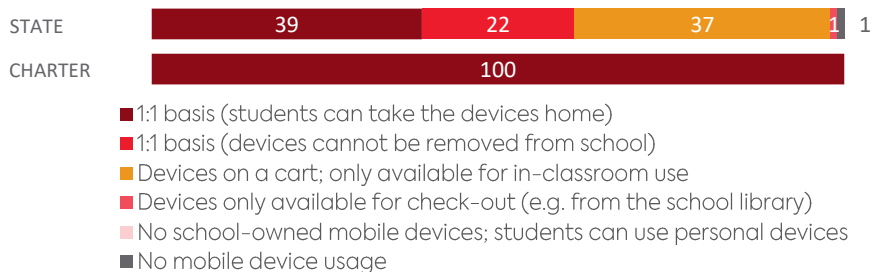


COMPUTING DEVICES USED IN SCHOOLS

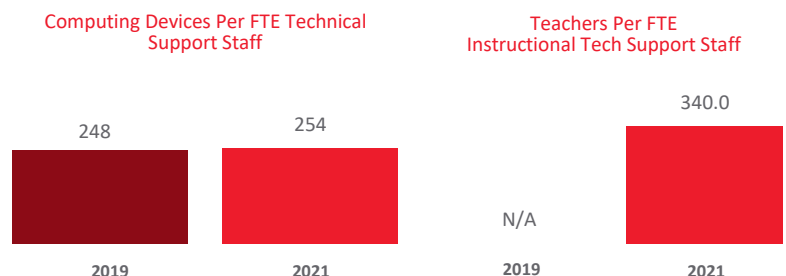
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	2	13	-7	-32%	-30%
LAPTOPS WINDOWS OS	200	20	+27	14%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	0	1	0	0%	126%
TABLETS WINDOWS	1	2	0	0%	86%
TABLETS ANDROID	1	1	0	0%	-23%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	204	37	+20	9%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



ITINERIS EARLY COLLEGE HIGH SCHOOL

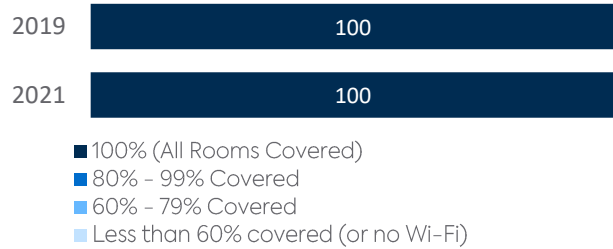
CHARTER FACTS

ENROLLMENT 365
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

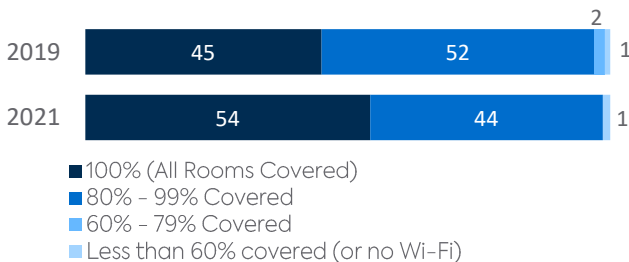
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

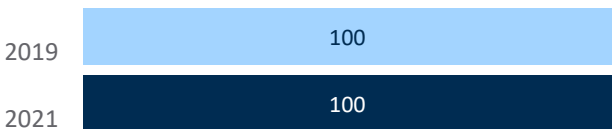


Statewide Coverage

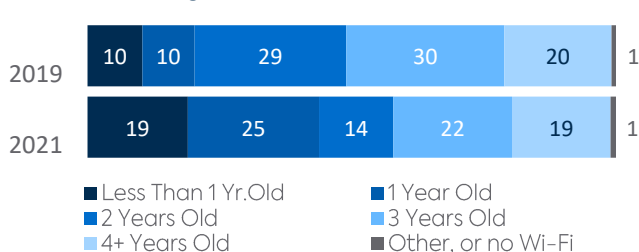


Age of Wi-Fi Access Points Reported by Schools (%)

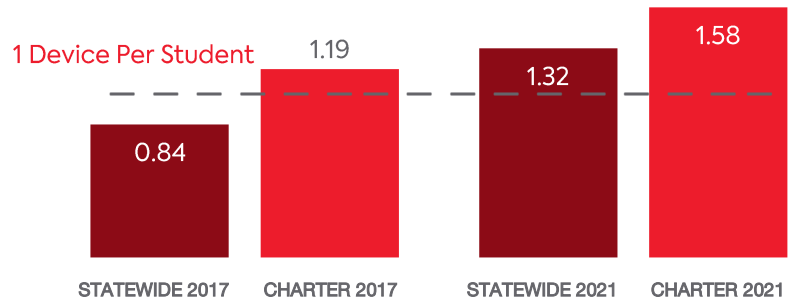
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	0	0	N/A	-30%
LAPTOPS WINDOWS OS	75	2	+76	7600%	112%
DESKTOPS MAC	0	2	-10	-83%	-25%
LAPTOPS MAC	0	22	+3	16%	3%
CHROMEBOOKS GOOGLE	500	0	+15	3%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	0	12	0	0%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	575	38	+84	16%	59%

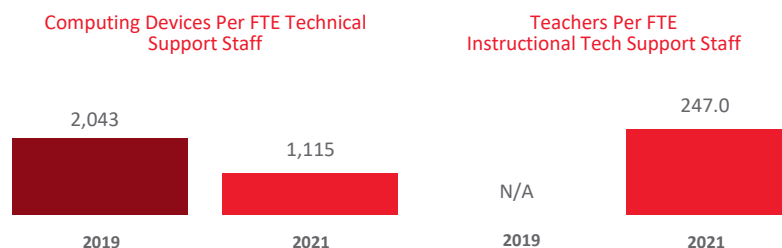
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



JEFFERSON ACADEMY

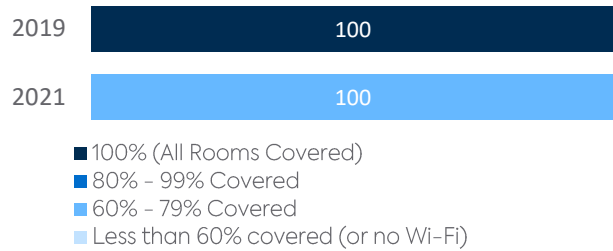
CHARTER FACTS

ENROLLMENT 620
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

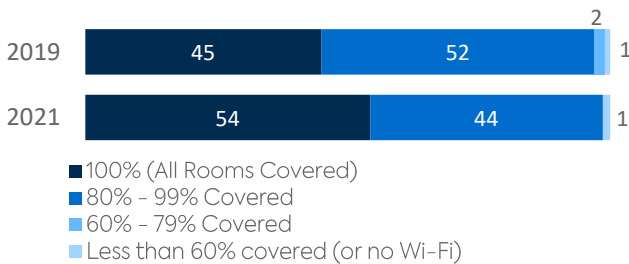
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

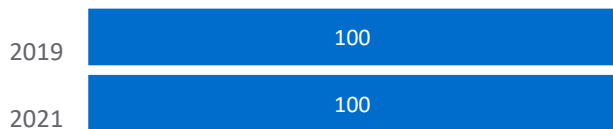


Statewide Coverage

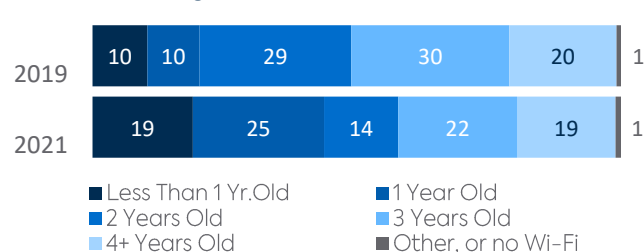


Age of Wi-Fi Access Points Reported by Schools (%)

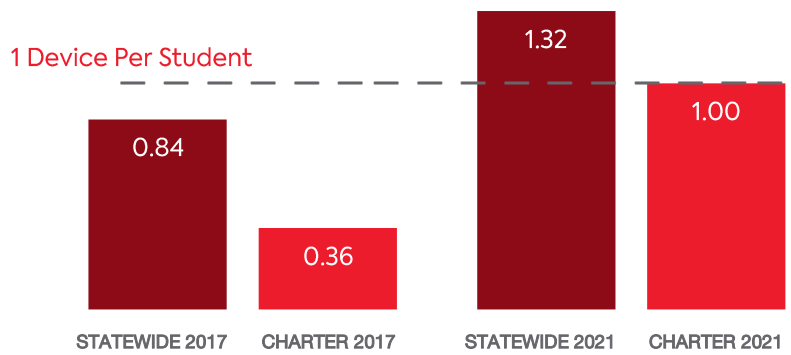
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	58	6	0	0%	-30%
LAPTOPS WINDOWS OS	3	8	0	0%	112%
DESKTOPS MAC	0	3	0	0%	-25%
LAPTOPS MAC	0	32	0	0%	3%
CHROMEBOOKS GOOGLE	360	0	+210	140%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	200	37	+207	690%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	621	86	+417	144%	59%

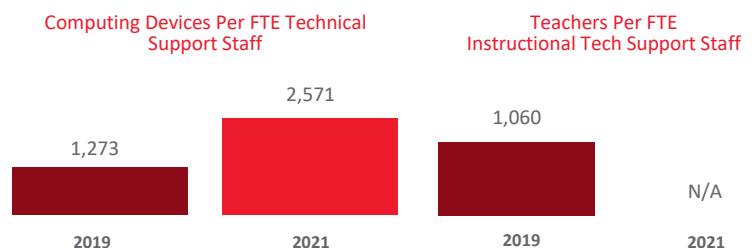
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



JOHN HANCOCK CHARTER SCHOOL

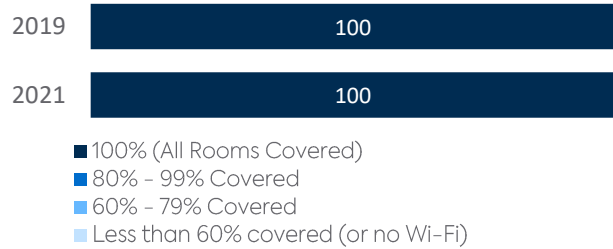
CHARTER FACTS

ENROLLMENT	159
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

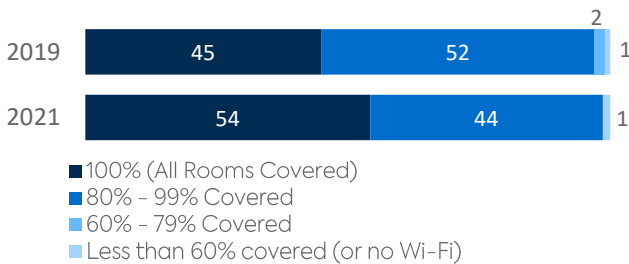
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

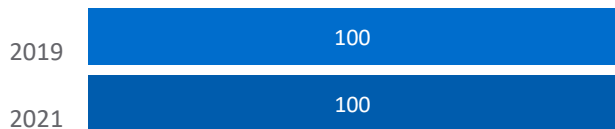


Statewide Coverage

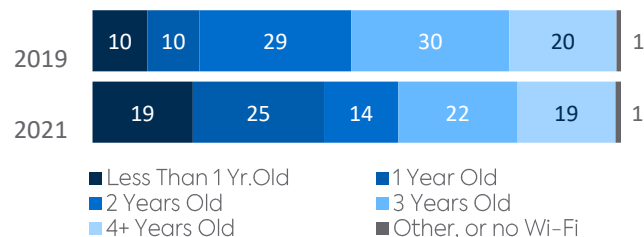


Age of Wi-Fi Access Points Reported by Schools (%)

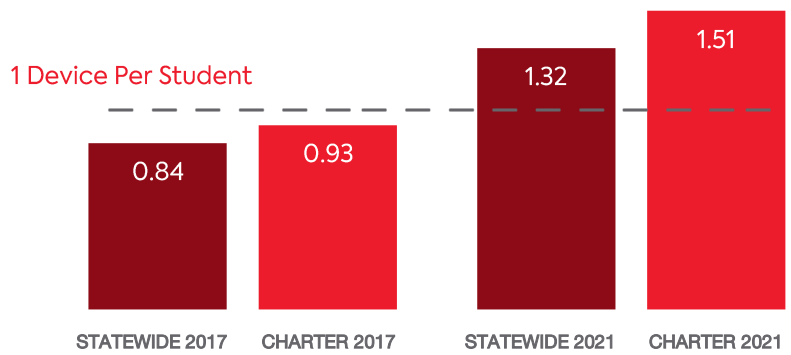
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	0	-1	-100%	-30%
LAPTOPS WINDOWS OS	0	0	-1	-100%	112%
DESKTOPS MAC	24	2	0	0%	-25%
LAPTOPS MAC	24	18	-6	-13%	3%
CHROMEBOOKS GOOGLE	144	0	+72	100%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	48	12	0	0%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	240	32	+64	31%	59%

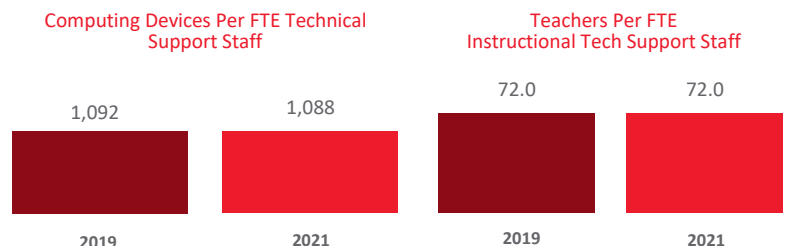
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



KARL G MAESER PREPARATORY ACADEMY

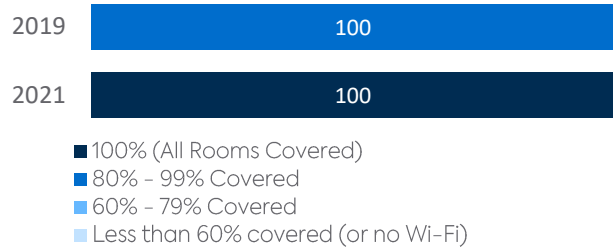
CHARTER FACTS

ENROLLMENT 633
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 10%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

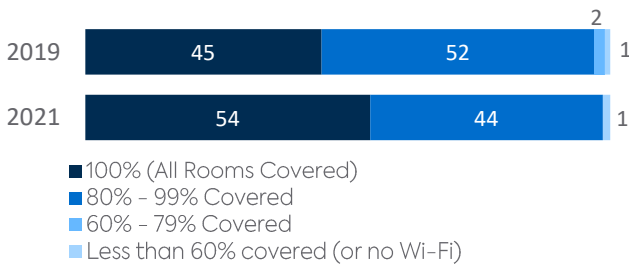
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

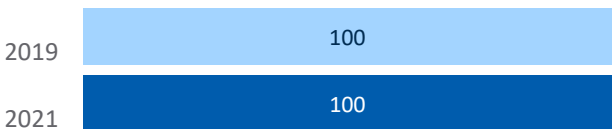


Statewide Coverage

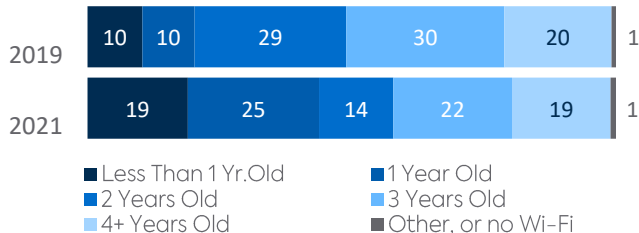


Age of Wi-Fi Access Points Reported by Schools (%)

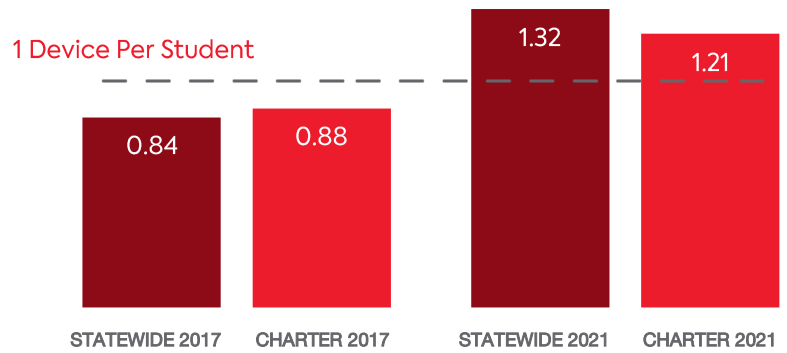
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	35	2	+7	23%	-30%
LAPTOPS WINDOWS OS	0	60	-25	-29%	112%
DESKTOPS MAC	30	2	+32	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	700	5	+205	41%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	-2	-100%	-23%
TABLETS IOS	4	0	0	0%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	769	69	+217	35%	59%

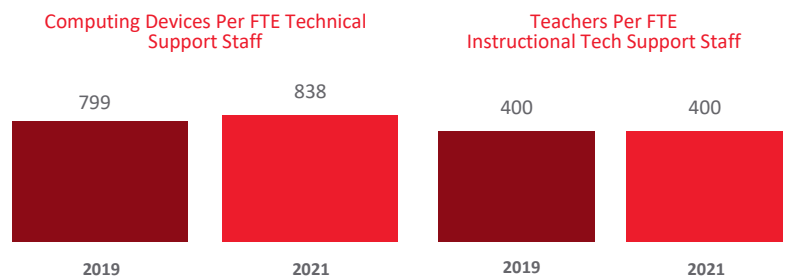
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



LAKEVIEW ACADEMY

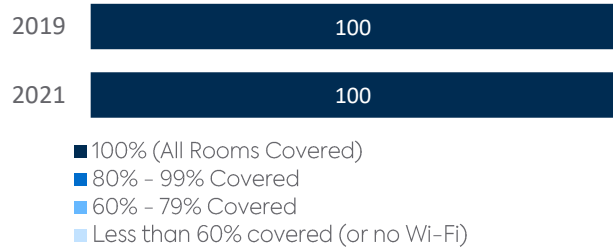
CHARTER FACTS

ENROLLMENT1,000
 NUMBER OF SCHOOLS1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 5%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE0%

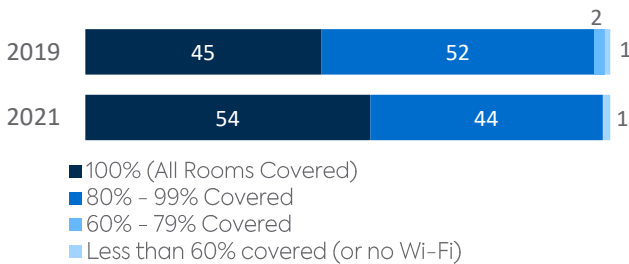
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage



Statewide Coverage

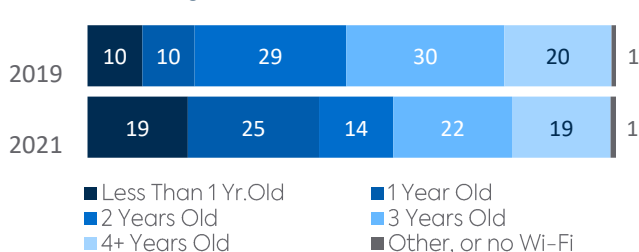


Age of Wi-Fi Access Points Reported by Schools (%)

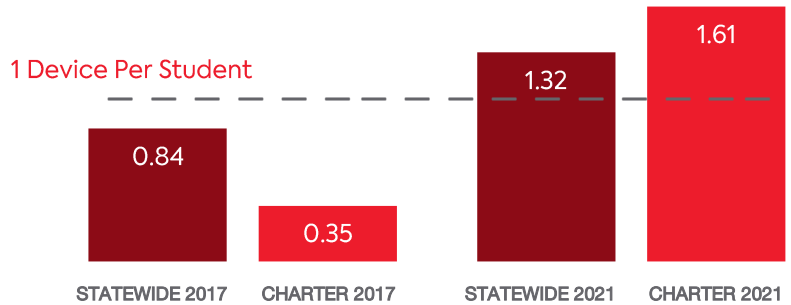
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	50	20	0	0%	-30%
LAPTOPS WINDOWS OS	10	100	+10	10%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	1,200	20	+1,020	510%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	50	10	+10	20%	-23%
TABLETS IOS	300	20	-30	-9%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	1,610	170	+1,010	131%	59%

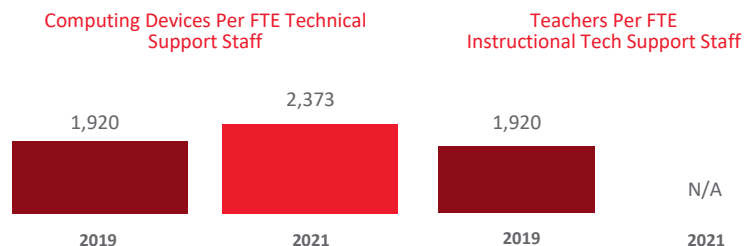
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



LEADERSHIP ACADEMY OF UTAH

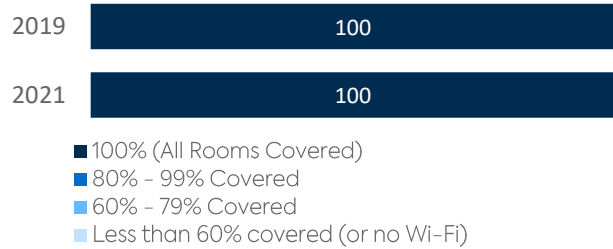
CHARTER FACTS

ENROLLMENT 503
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 100%

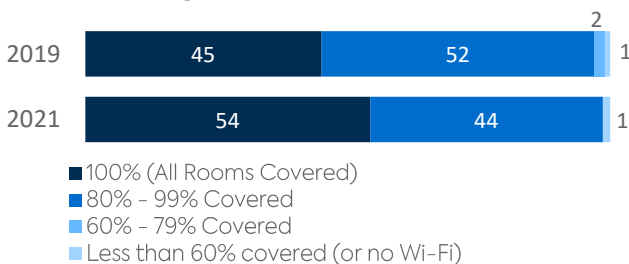
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

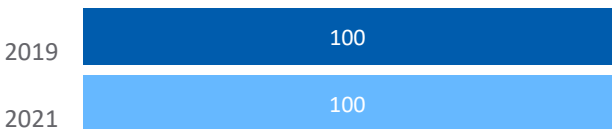


Statewide Coverage

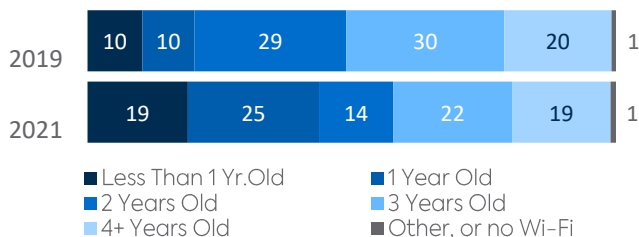


Age of Wi-Fi Access Points Reported by Schools (%)

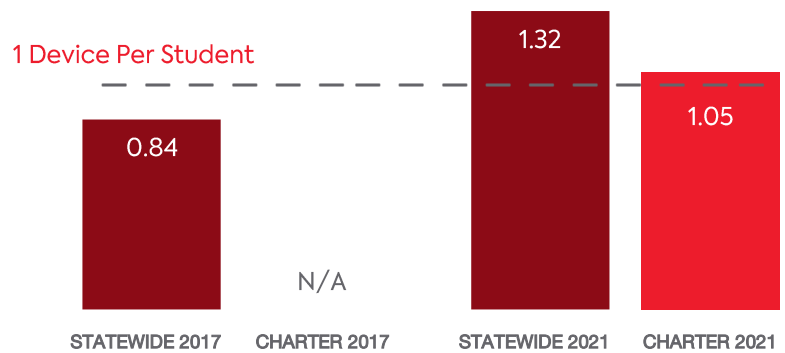
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

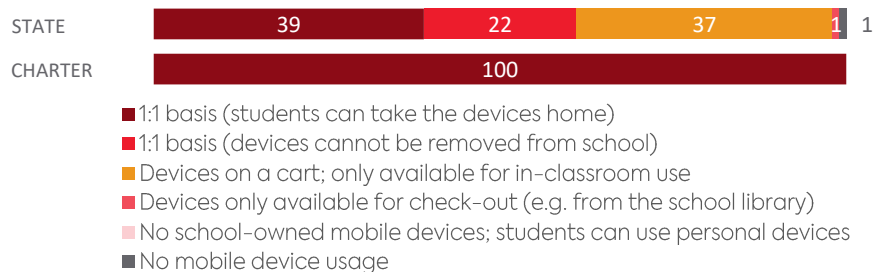


COMPUTING DEVICES USED IN SCHOOLS

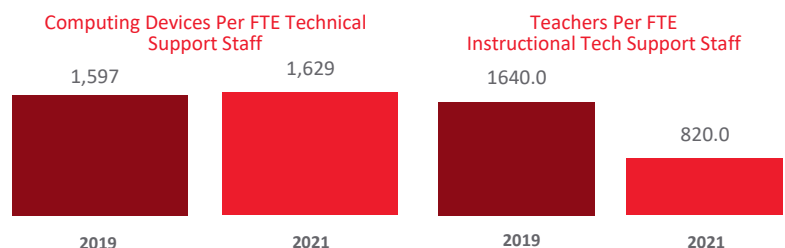
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	1	+1	N/A	-30%
LAPTOPS WINDOWS OS	280	20	+300	N/A	112%
DESKTOPS MAC	0	5	+5	N/A	-25%
LAPTOPS MAC	0	5	+5	N/A	3%
CHROMEBOOKS GOOGLE	250	5	+255	N/A	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	3	+3	N/A	-23%
TABLETS IOS	0	1	+1	N/A	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	530	40	+570	N/A	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



LEADERSHIP LEARNING ACADEMY

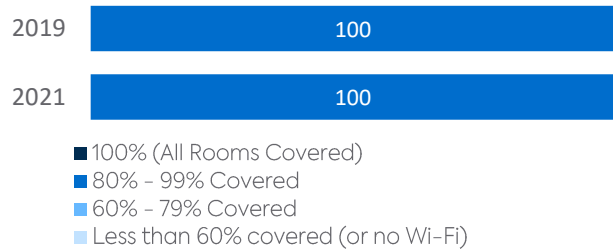
CHARTER FACTS

ENROLLMENT	879
NUMBER OF SCHOOLS	2
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	2%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	5%

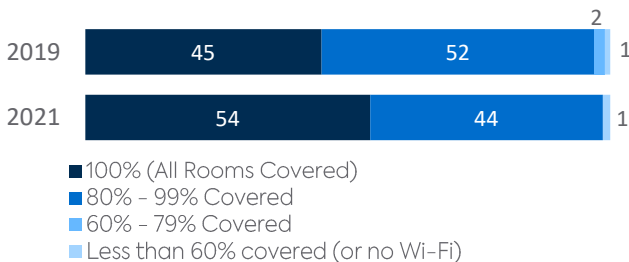
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage



Statewide Coverage

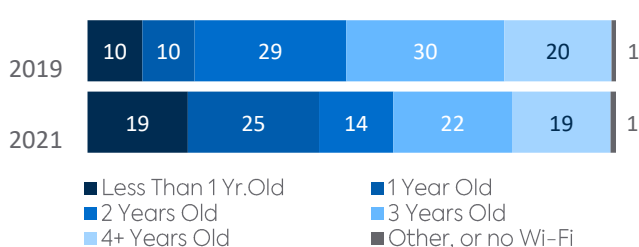


Age of Wi-Fi Access Points Reported by Schools (%)

Charter Coverage

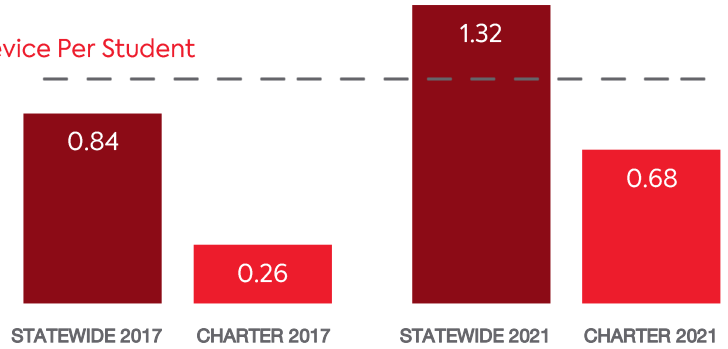


Statewide Coverage



COMPUTING DEVICES PER STUDENT

1 Device Per Student



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	1	0	0%	-30%
LAPTOPS WINDOWS OS	230	52	0	0%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	3	+3	N/A	3%
CHROMEBOOKS GOOGLE	242	0	+242	N/A	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	128	36	+146	811%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	600	92	+391	130%	59%

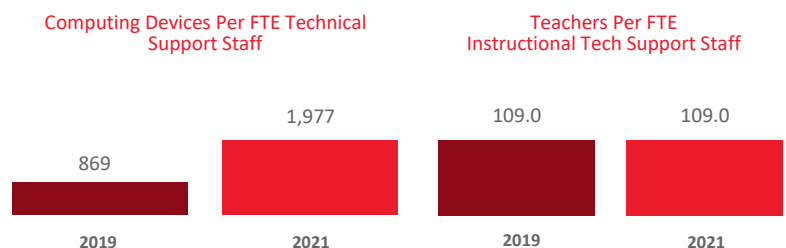
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



LEGACY PREPARATORY ACADEMY

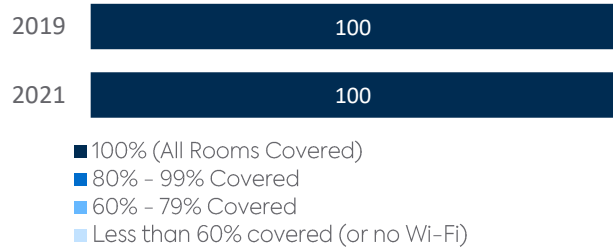
CHARTER FACTS

ENROLLMENT 915
 NUMBER OF SCHOOLS 2
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 5%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

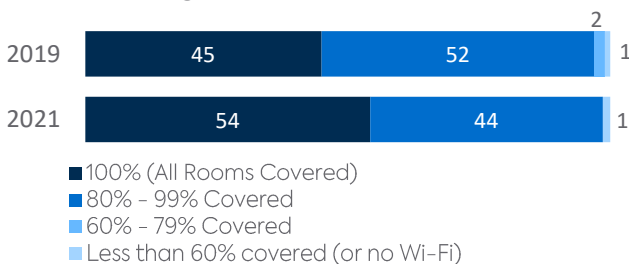
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage



Statewide Coverage

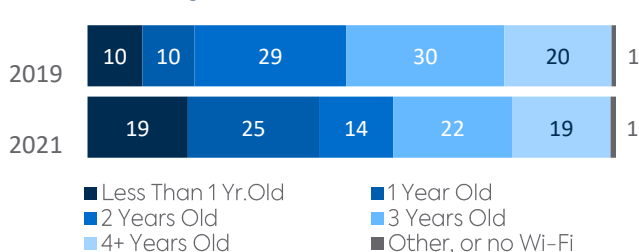


Age of Wi-Fi Access Points Reported by Schools (%)

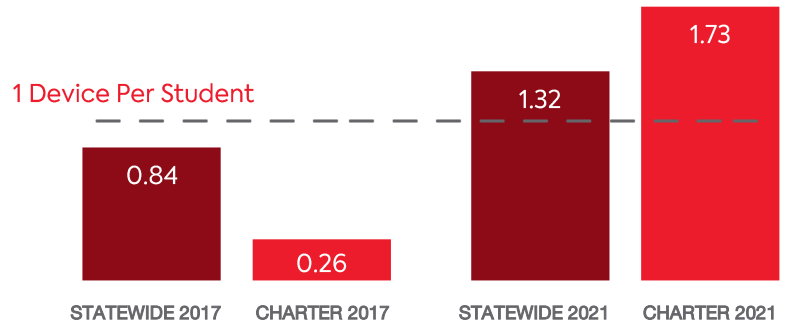
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

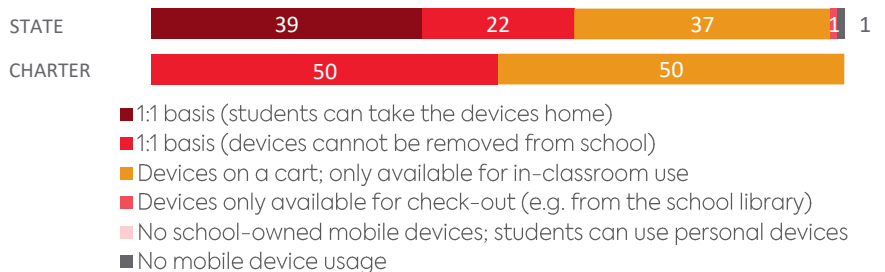


COMPUTING DEVICES USED IN SCHOOLS

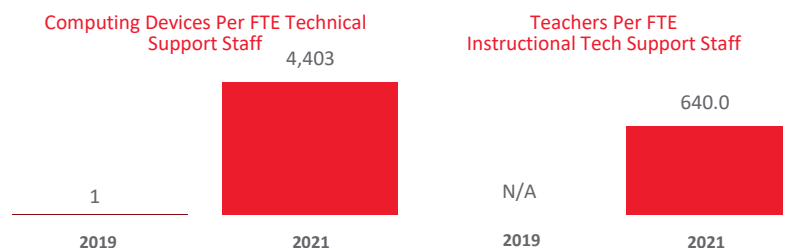
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	179	75	+117	85%	-30%
LAPTOPS WINDOWS OS	49	76	+83	198%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	1,328	0	+1,148	638%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	18	0	0%	-23%
TABLETS IOS	31	5	+3	9%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	1,587	174	+1,351	330%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



LINCOLN ACADEMY

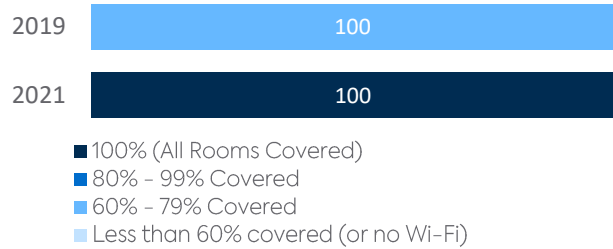
CHARTER FACTS

ENROLLMENT 906
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

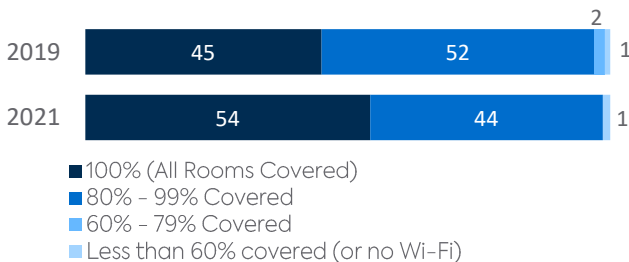
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

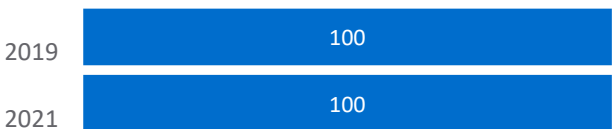


Statewide Coverage

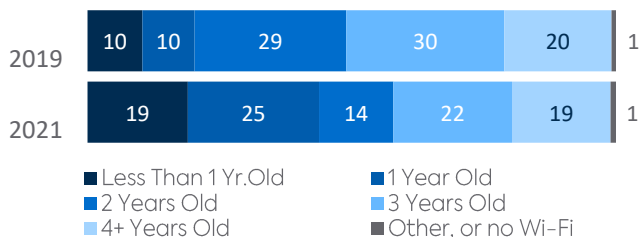


Age of Wi-Fi Access Points Reported by Schools (%)

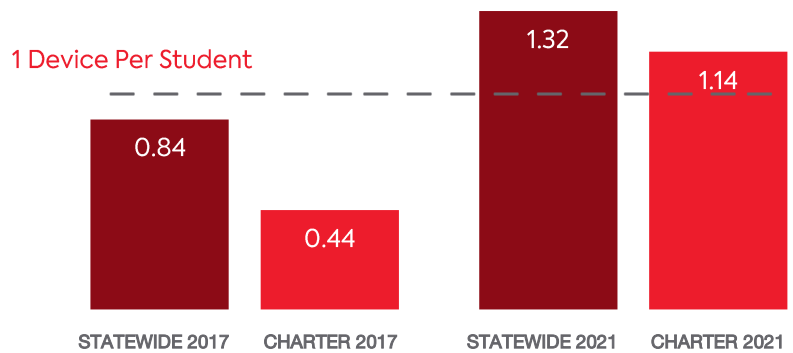
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	2	+2	N/A	-30%
LAPTOPS WINDOWS OS	0	4	+2	100%	112%
DESKTOPS MAC	105	24	-1	-1%	-25%
LAPTOPS MAC	0	47	-36	-43%	3%
CHROMEBOOKS GOOGLE	732	18	+540	257%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	-3	-100%	-23%
TABLETS IOS	195	5	+82	69%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	1,032	100	+586	107%	59%

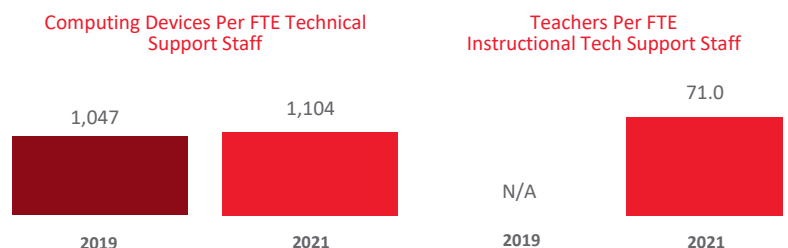
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



LUMEN SCHOLAR

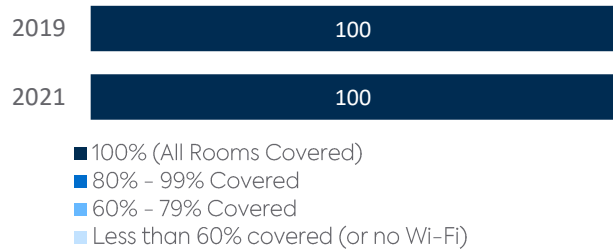
CHARTER FACTS

ENROLLMENT	345
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

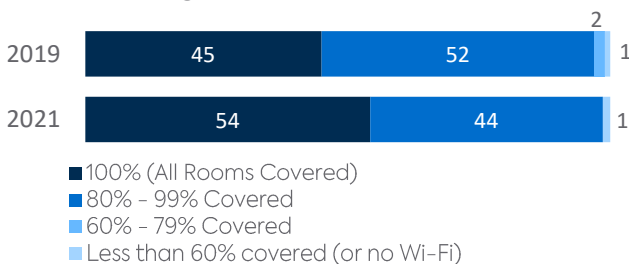
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

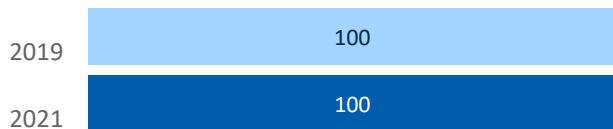


Statewide Coverage

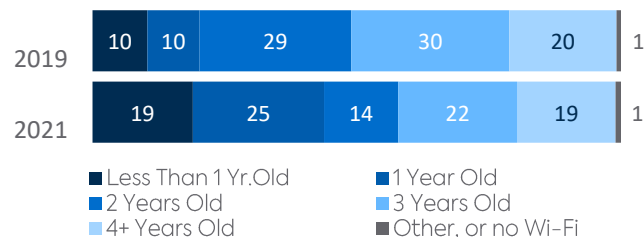


Age of Wi-Fi Access Points Reported by Schools (%)

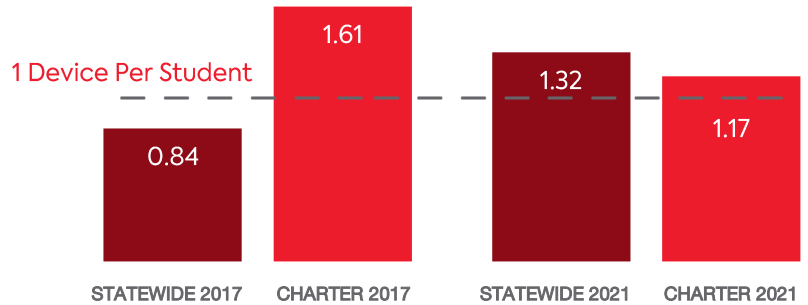
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	57	+27	90%	-30%
LAPTOPS WINDOWS OS	181	10	-234	-55%	112%
DESKTOPS MAC	0	1	-30	-97%	-25%
LAPTOPS MAC	17	3	-39	-66%	3%
CHROMEBOOKS GOOGLE	90	0	-110	-55%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	116	57	+14	9%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	404	128	-372	-41%	59%

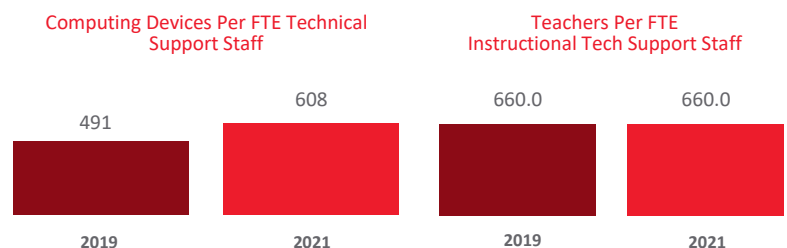
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



MANA ACADEMY CHARTER SCHOOL

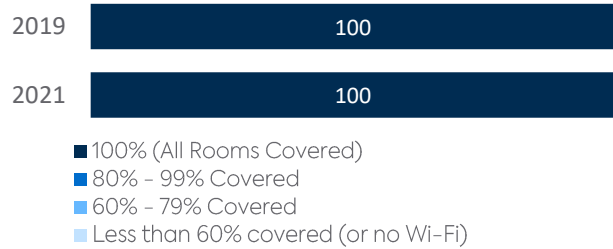
CHARTER FACTS

ENROLLMENT	353
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

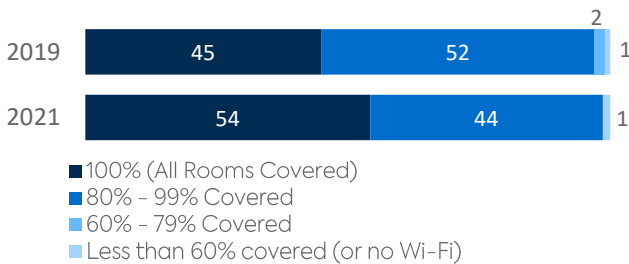
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage



Statewide Coverage

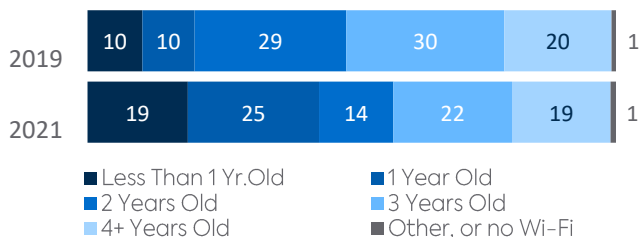


Age of Wi-Fi Access Points Reported by Schools (%)

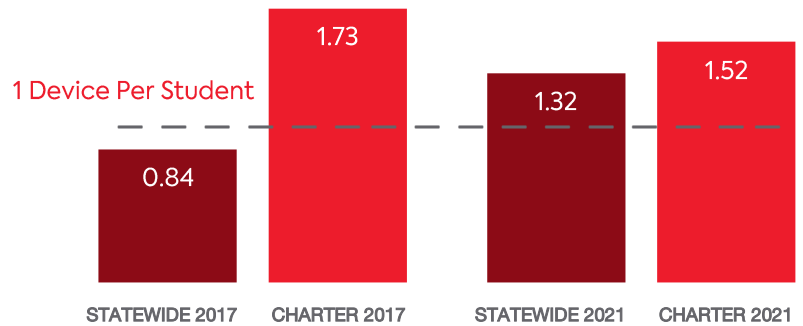
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	5	8	0	0%	-30%
LAPTOPS WINDOWS OS	0	40	+30	300%	112%
DESKTOPS MAC	0	1	0	0%	-25%
LAPTOPS MAC	0	2	0	0%	3%
CHROMEBOOKS GOOGLE	520	5	+140	36%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	7	0	0	0%	-23%
TABLETS IOS	5	0	0	0%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	537	56	+170	40%	59%

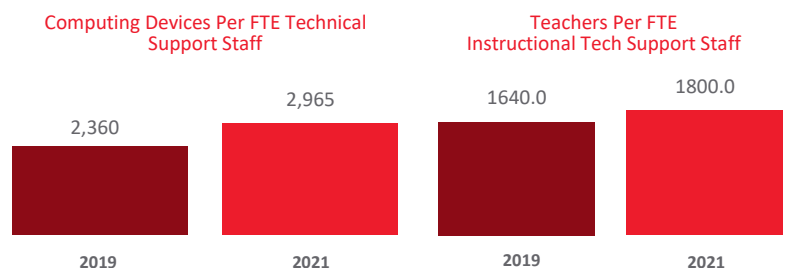
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



MARIA MONTESSORI ACADEMY

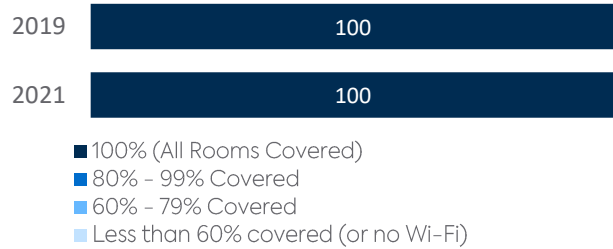
CHARTER FACTS

ENROLLMENT 370
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 10%

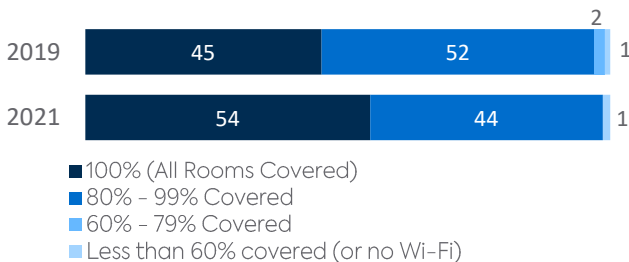
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage



Statewide Coverage

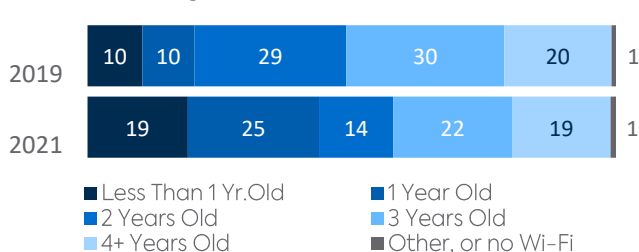


Age of Wi-Fi Access Points Reported by Schools (%)

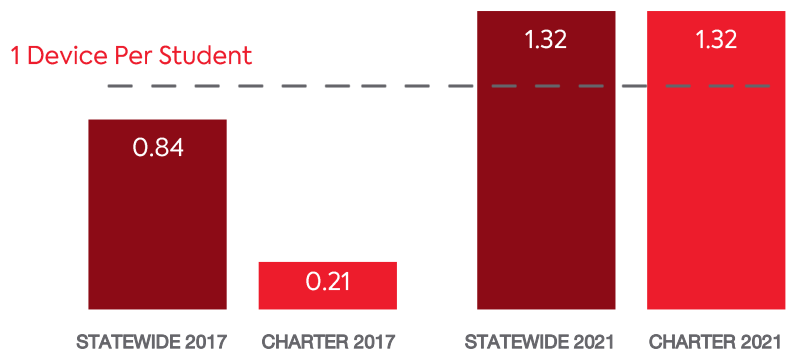
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

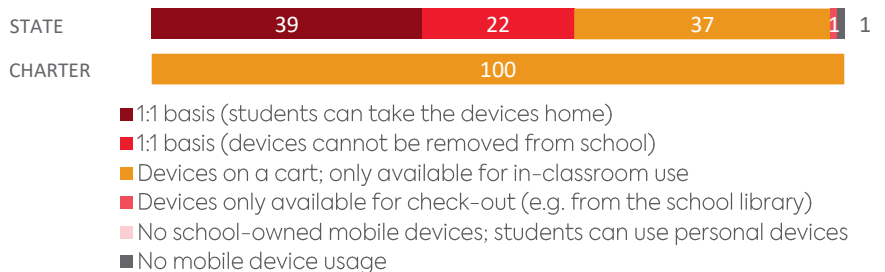


COMPUTING DEVICES USED IN SCHOOLS

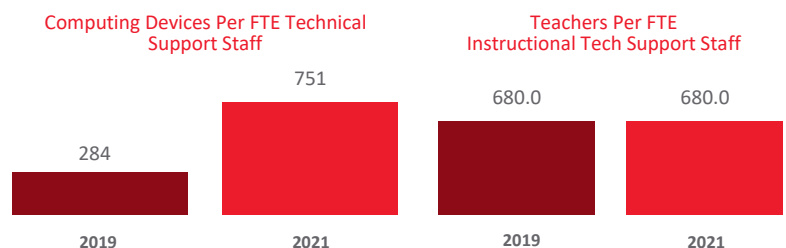
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	25	2	0	0%	-30%
LAPTOPS WINDOWS OS	78	50	0	0%	112%
DESKTOPS MAC	30	1	0	0%	-25%
LAPTOPS MAC	0	5	0	0%	3%
CHROMEBOOKS GOOGLE	350	0	+350	N/A	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	4	18	0	0%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	487	76	+350	164%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



MERIT COLLEGE PREPARATORY ACADEMY

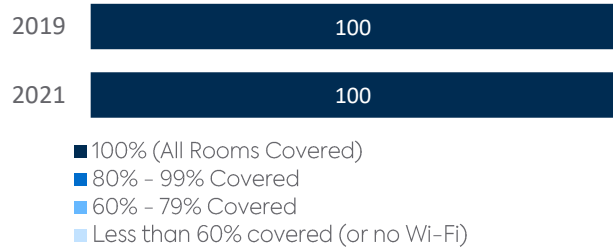
CHARTER FACTS

ENROLLMENT 477
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

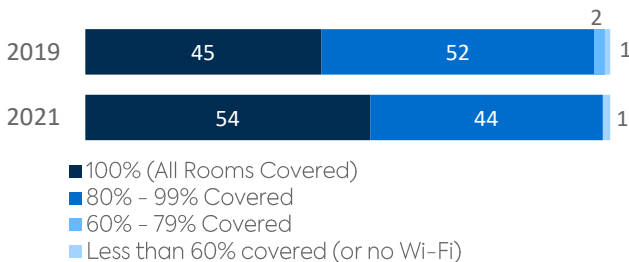
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

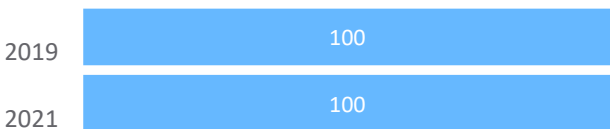


Statewide Coverage

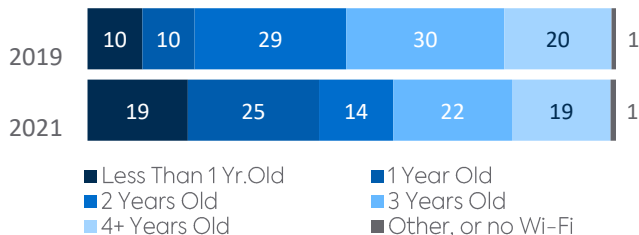


Age of Wi-Fi Access Points Reported by Schools (%)

Charter Coverage

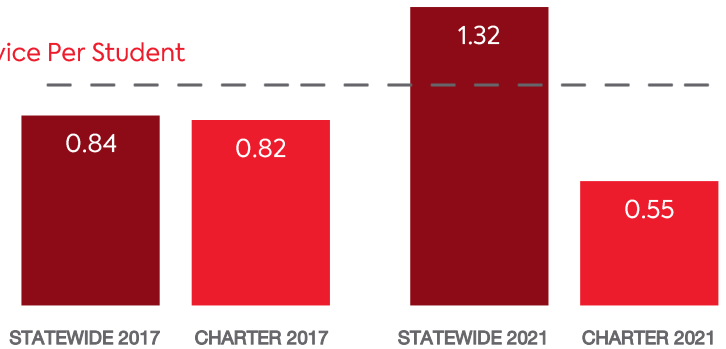


Statewide Coverage



COMPUTING DEVICES PER STUDENT

1 Device Per Student



COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	55	6	0	0%	-30%
LAPTOPS WINDOWS OS	0	40	+11	38%	112%
DESKTOPS MAC	0	0	-1	-100%	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	200	0	0	0%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	5	0	0	0%	-23%
TABLETS IOS	0	0	-75	-100%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	260	46	-65	-18%	59%

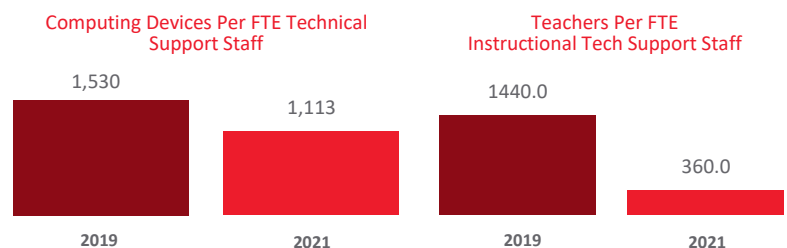
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



MOAB CHARTER SCHOOL

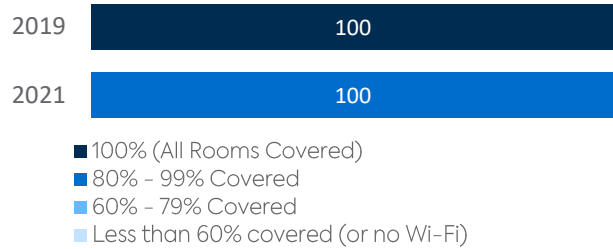
CHARTER FACTS

ENROLLMENT	78
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	50%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

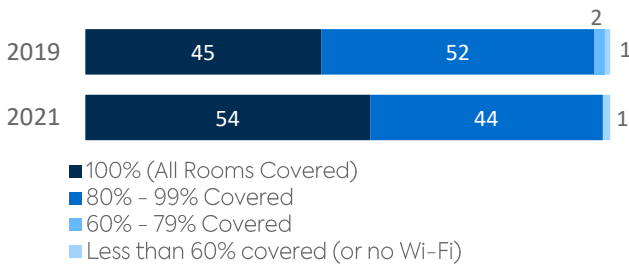
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

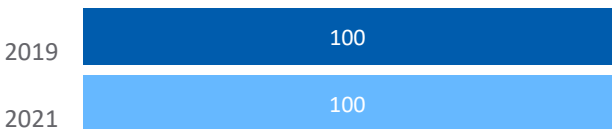


Statewide Coverage

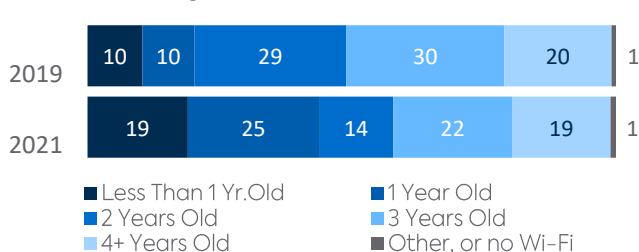


Age of Wi-Fi Access Points Reported by Schools (%)

Charter Coverage

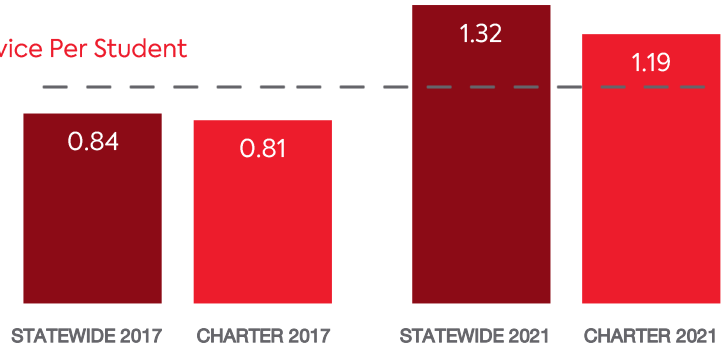


Statewide Coverage



COMPUTING DEVICES PER STUDENT

1 Device Per Student



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	3	-38	-93%	-30%
LAPTOPS WINDOWS OS	0	12	-13	-52%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	2	0	0%	3%
CHROMEBOOKS GOOGLE	64	0	+39	156%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	14	10	+19	380%	21%
OTHER DEVICES	15	0	5	50%	-88%
ALL COMPUTING DEVICES	93	27	+12	11%	59%

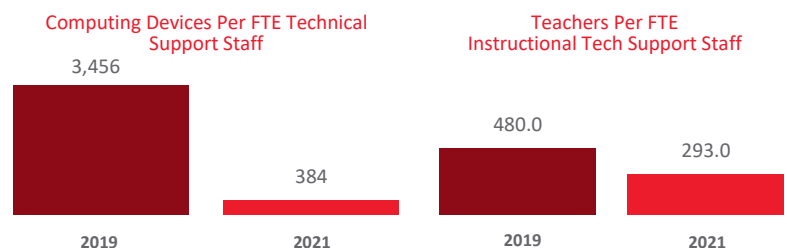
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



MONTICELLO ACADEMY

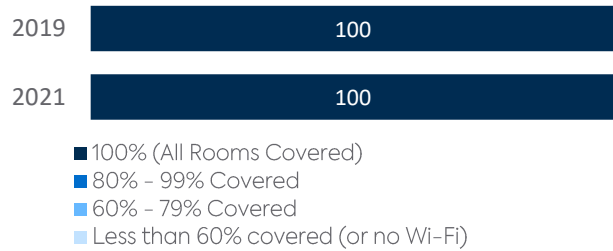
CHARTER FACTS

ENROLLMENT 941
 NUMBER OF SCHOOLS 2
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

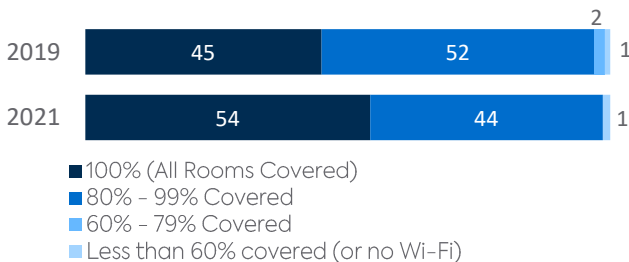
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

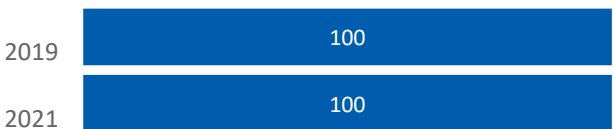


Statewide Coverage

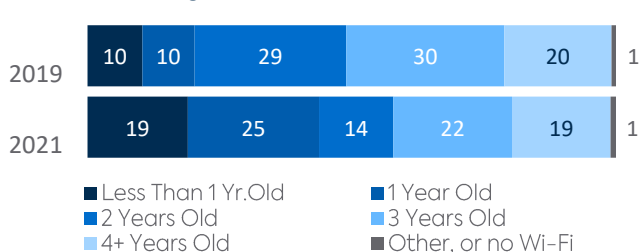


Age of Wi-Fi Access Points Reported by Schools (%)

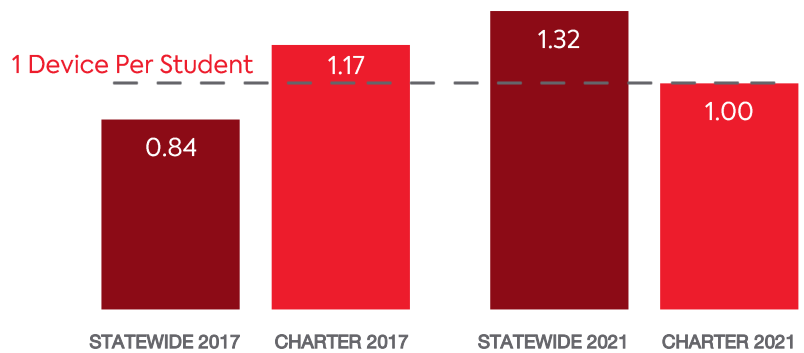
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	2	-78	-98%	-30%
LAPTOPS WINDOWS OS	0	65	+5	8%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	1	0	0%	3%
CHROMEBOOKS GOOGLE	941	15	+326	52%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	-80	-100%	-23%
TABLETS IOS	0	10	-145	-94%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	941	93	+28	3%	59%

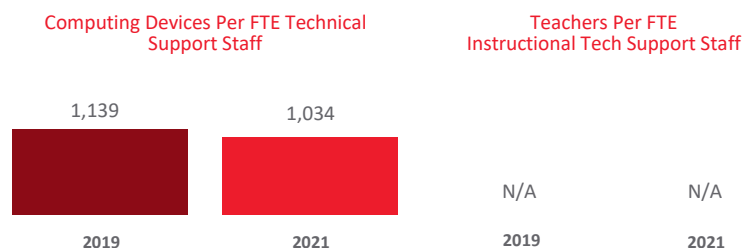
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



MOUNTAIN HEIGHTS ACADEMY

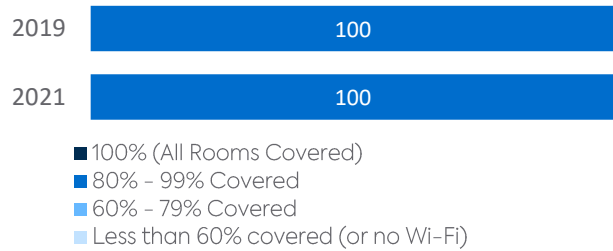
CHARTER FACTS

ENROLLMENT 984
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

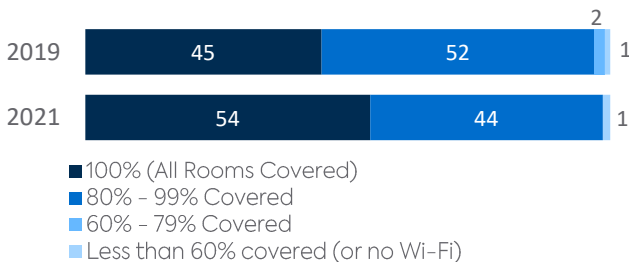
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

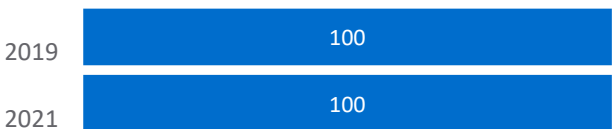


Statewide Coverage

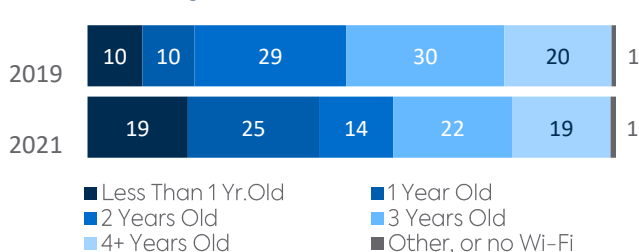


Age of Wi-Fi Access Points Reported by Schools (%)

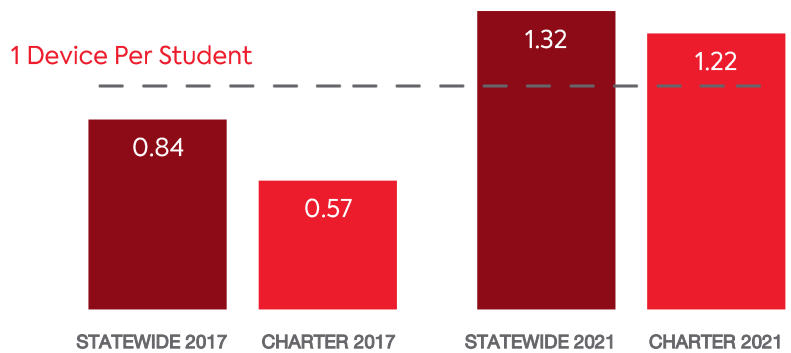
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/ Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	14	+9	180%	-30%
LAPTOPS WINDOWS OS	0	1	-439	-100%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	4	-1	-20%	3%
CHROMEBOOKS GOOGLE	1,200	90	+1,245	2767%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	1,200	109	+814	164%	59%

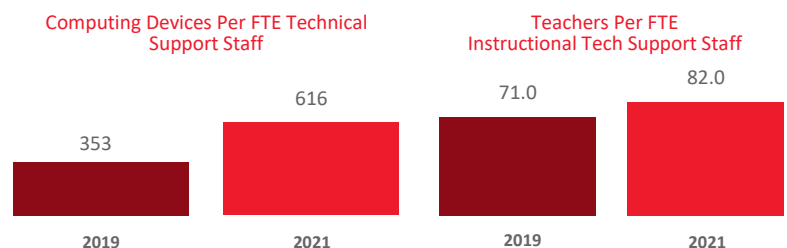
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



MOUNTAIN SUNRISE ACADEMY

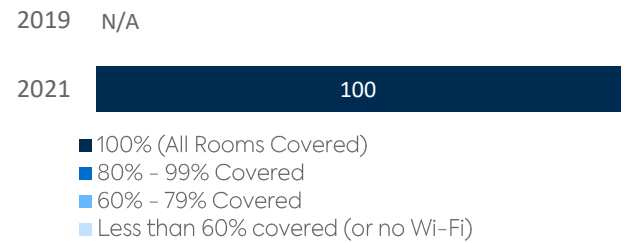
CHARTER FACTS

ENROLLMENT 420
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 5%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

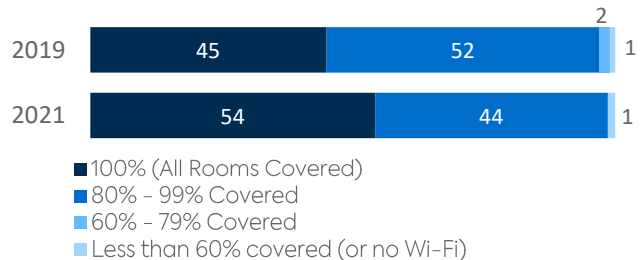
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage



Statewide Coverage

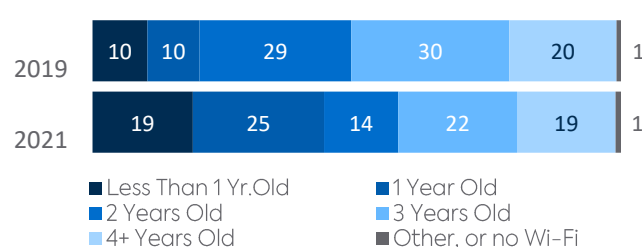


Age of Wi-Fi Access Points Reported by Schools (%)

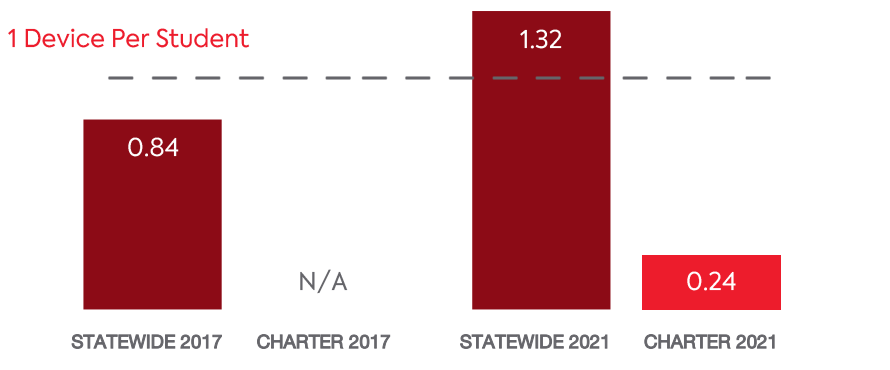
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

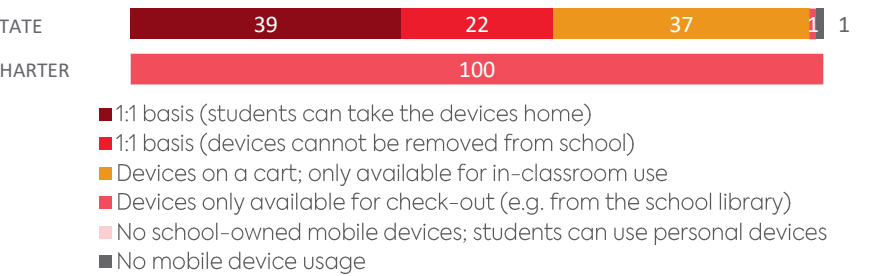


COMPUTING DEVICES USED IN SCHOOLS

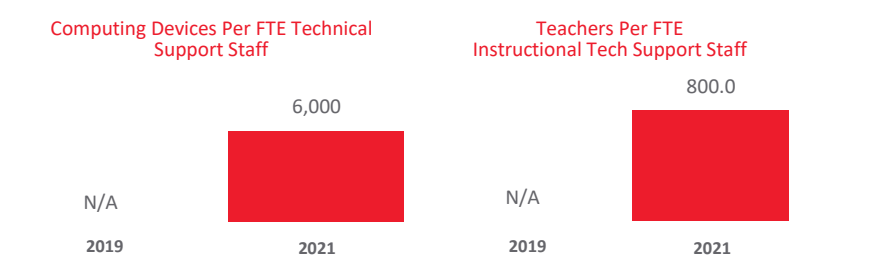
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	1	+1	N/A	-30%
LAPTOPS WINDOWS OS	0	25	+25	N/A	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	100	20	+120	N/A	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	2	2	+4	N/A	-23%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	102	48	+150	N/A	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



MOUNTAIN VIEW MONTESSORI

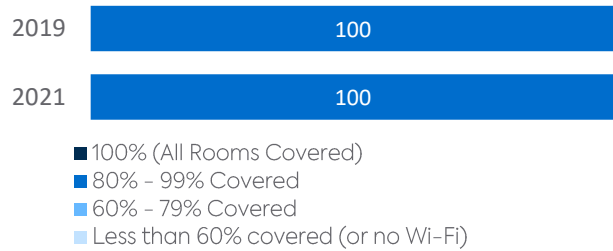
CHARTER FACTS

ENROLLMENT 236
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 10%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

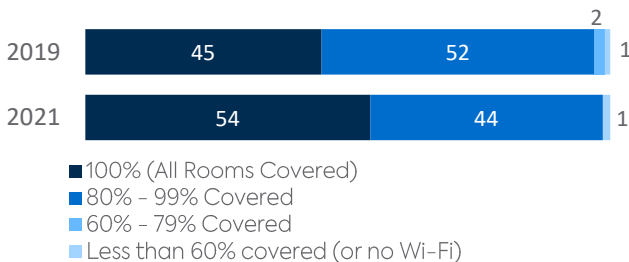
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

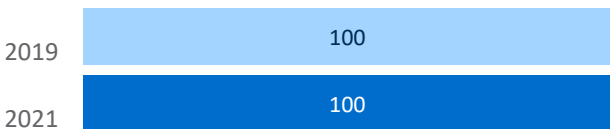


Statewide Coverage

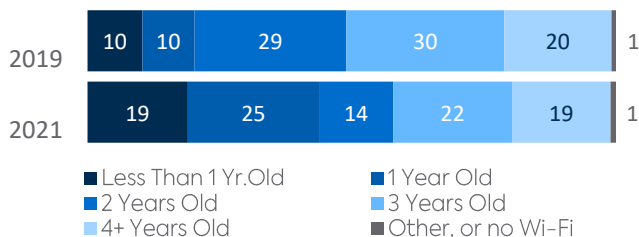


Age of Wi-Fi Access Points Reported by Schools (%)

Charter Coverage

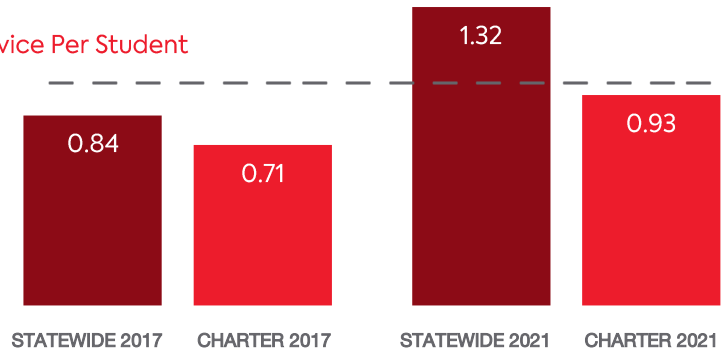


Statewide Coverage



COMPUTING DEVICES PER STUDENT

1 Device Per Student



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	14	0	0%	-30%
LAPTOPS WINDOWS OS	0	10	+6	150%	112%
DESKTOPS MAC	0	0	-1	-100%	-25%
LAPTOPS MAC	0	0	-1	-100%	3%
CHROMEBOOKS GOOGLE	220	5	-42	-16%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	-42	-100%	-23%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	220	29	-80	-24%	59%

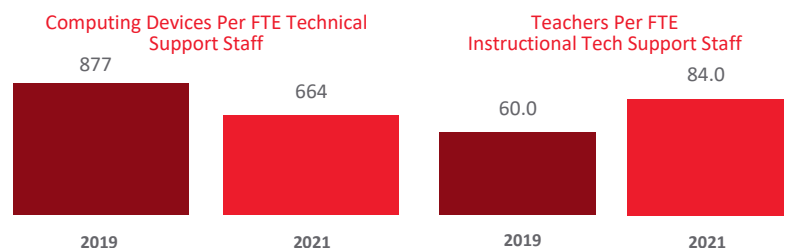
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



MOUNTAIN WEST MONTESSORI ACADEMY

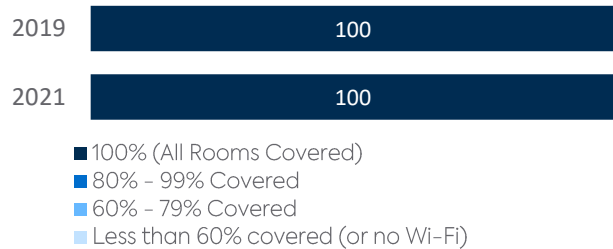
CHARTER FACTS

ENROLLMENT 478
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

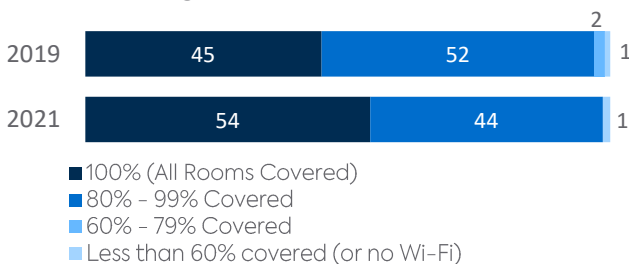
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

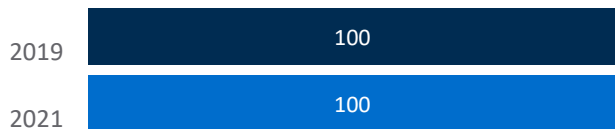


Statewide Coverage

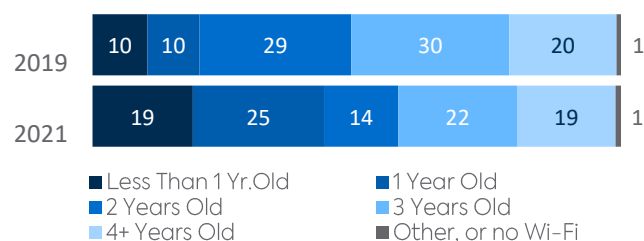


Age of Wi-Fi Access Points Reported by Schools (%)

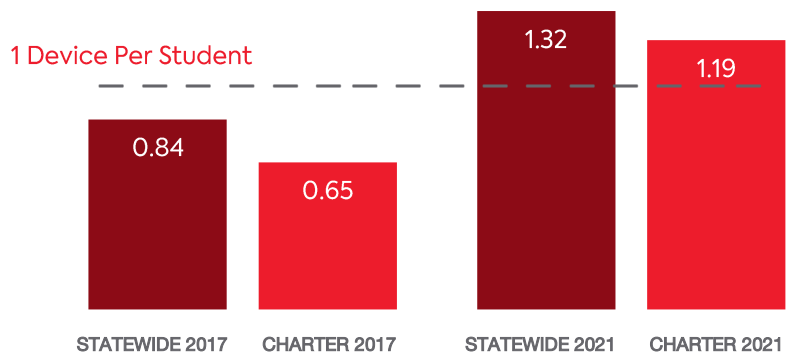
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	20	0	0	0%	-30%
LAPTOPS WINDOWS OS	30	33	0	0%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	508	0	+236	87%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	13	28	+13	46%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	571	61	+249	65%	59%

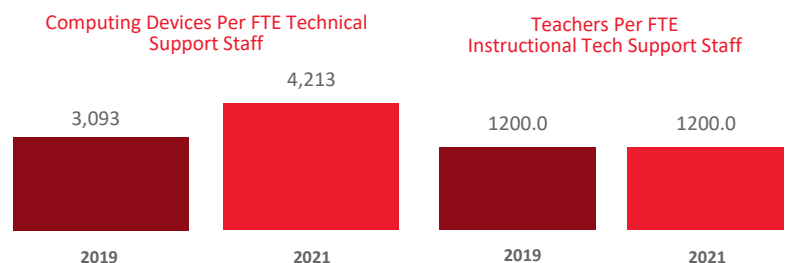
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



MOUNTAINVILLE ACADEMY

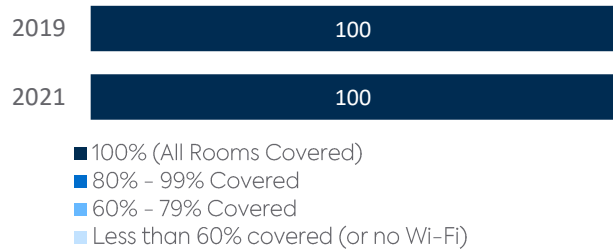
CHARTER FACTS

ENROLLMENT 650
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 5%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

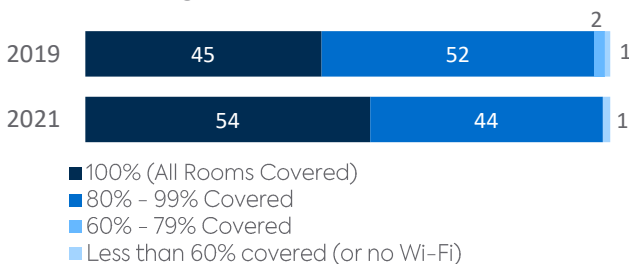
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage



Statewide Coverage

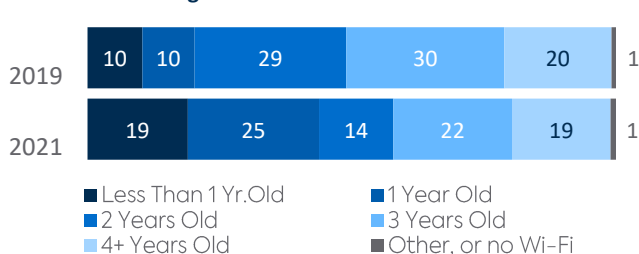


Age of Wi-Fi Access Points Reported by Schools (%)

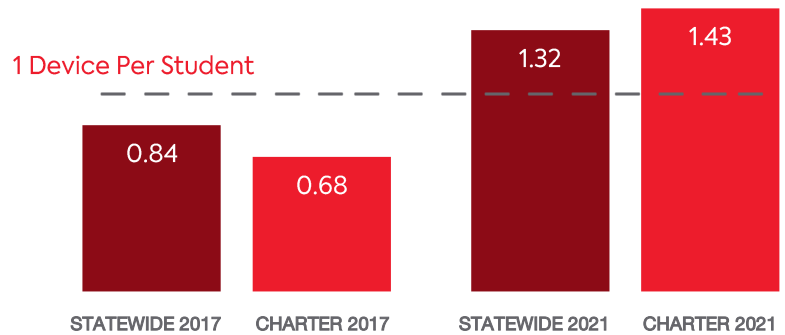
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	30	5	-55	-61%	-30%
LAPTOPS WINDOWS OS	50	60	+20	22%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	780	20	+410	105%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	70	60	+72	124%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	930	145	+447	71%	59%

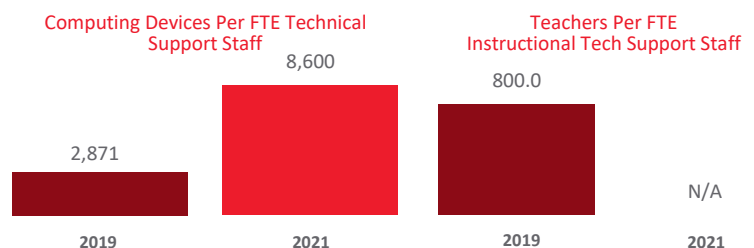
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



NAVIGATOR POINTE ACADEMY

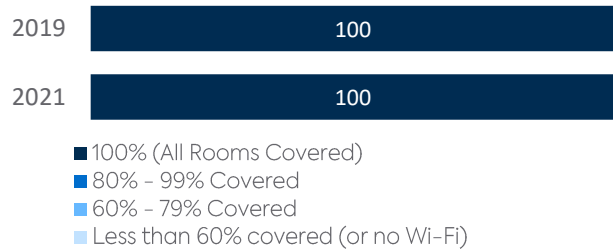
CHARTER FACTS

ENROLLMENT 455
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

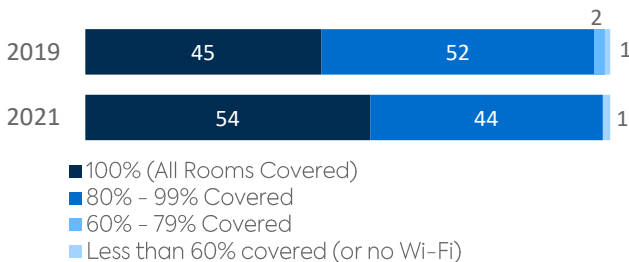
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

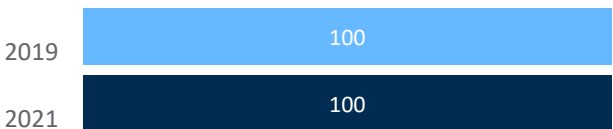


Statewide Coverage

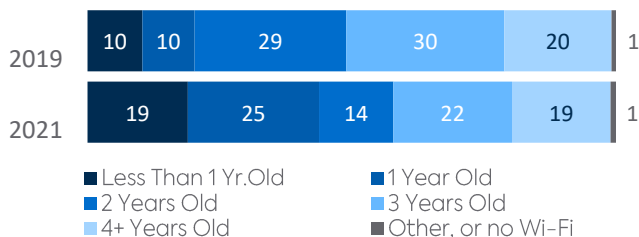


Age of Wi-Fi Access Points Reported by Schools (%)

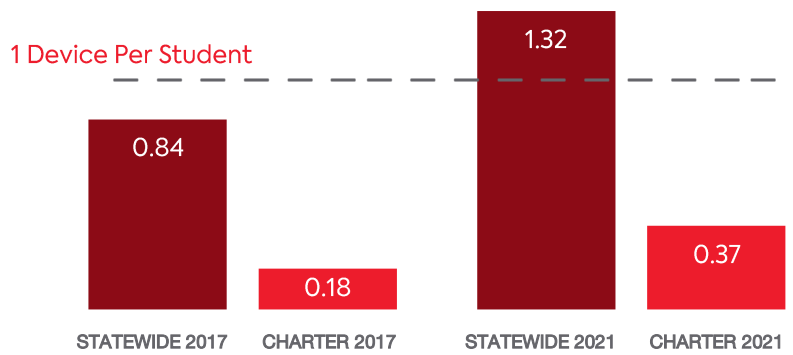
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	1	-3	-75%	-30%
LAPTOPS WINDOWS OS	134	47	+56	45%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	1	0	0%	3%
CHROMEBOOKS GOOGLE	32	0	+32	N/A	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	1	2	+1	50%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	167	51	+86	65%	59%

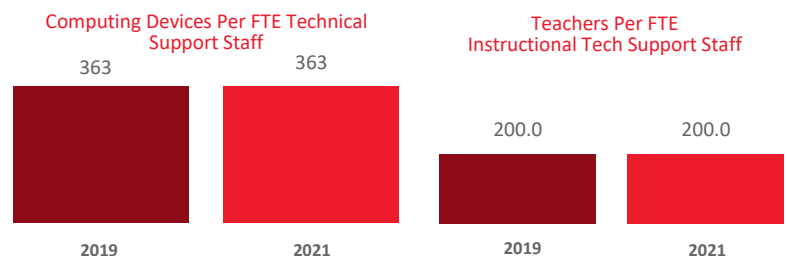
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



NOAH WEBSTER ACADEMY

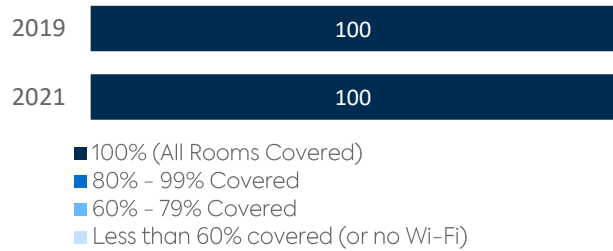
CHARTER FACTS

ENROLLMENT 512
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 2%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

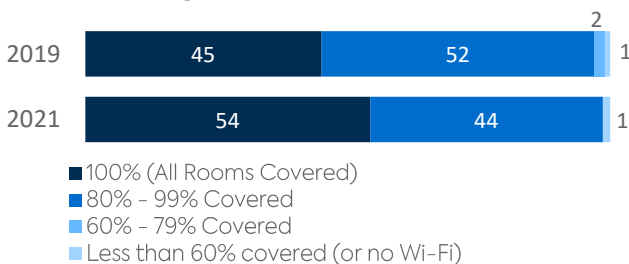
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

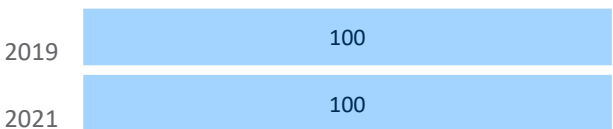


Statewide Coverage

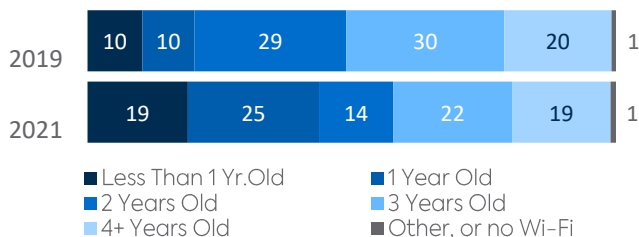


Age of Wi-Fi Access Points Reported by Schools (%)

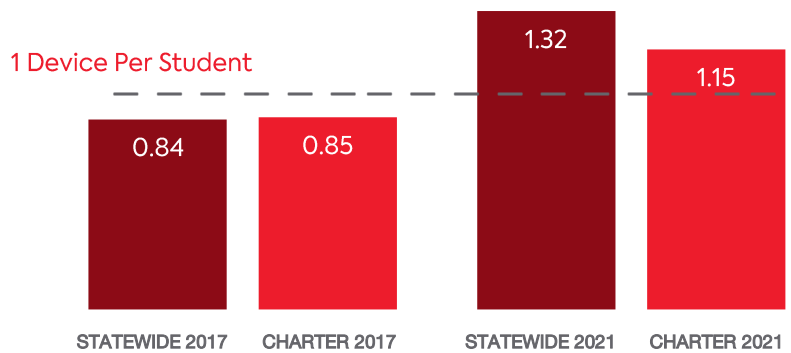
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	28	-17	-38%	-30%
LAPTOPS WINDOWS OS	0	7	-1	-13%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	540	0	+90	20%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	50	0	+25	100%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	590	35	+97	18%	59%

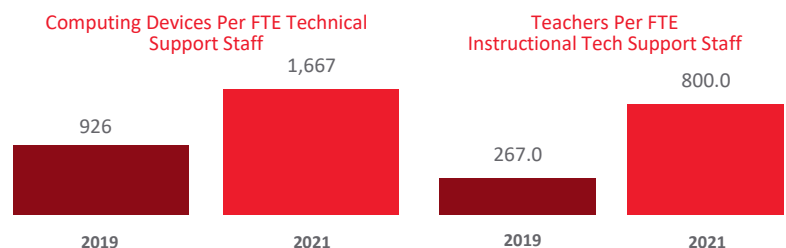
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



NORTH DAVIS PREPARATORY ACADEMY

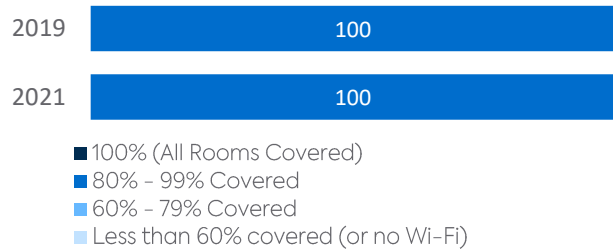
CHARTER FACTS

ENROLLMENT	982
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

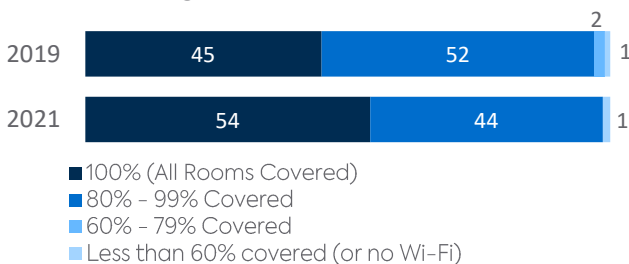
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage



Statewide Coverage

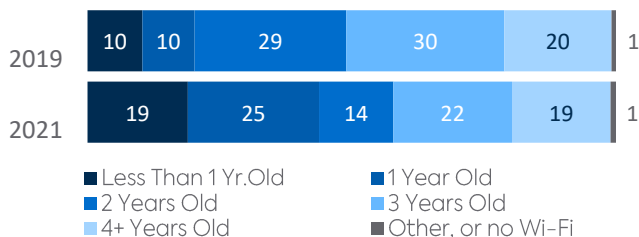


Age of Wi-Fi Access Points Reported by Schools (%)

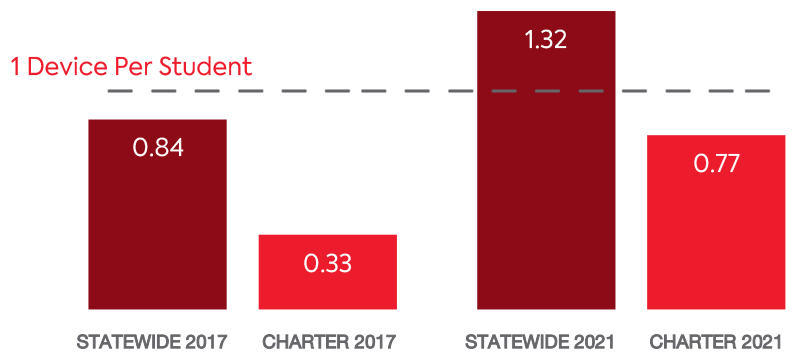
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

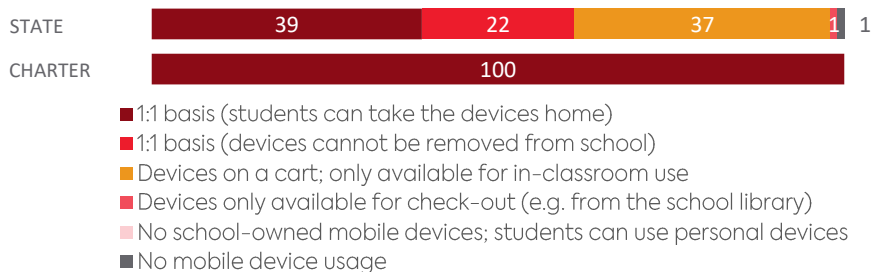


COMPUTING DEVICES USED IN SCHOOLS

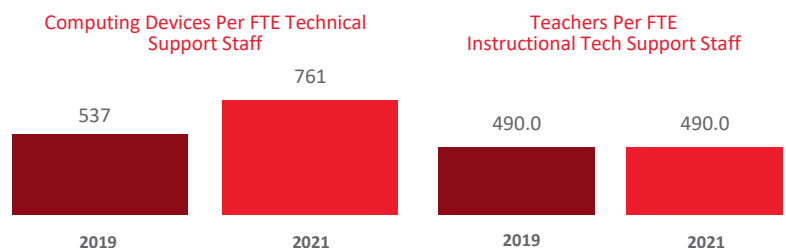
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	4	18	-56	-72%	-30%
LAPTOPS WINDOWS OS	90	46	-1	-1%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	30	13	-12	-22%	3%
CHROMEBOOKS GOOGLE	487	0	+486	48600%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	20	0	+14	233%	-23%
TABLETS IOS	130	75	+82	67%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	761	152	+513	128%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



NORTH STAR ACADEMY

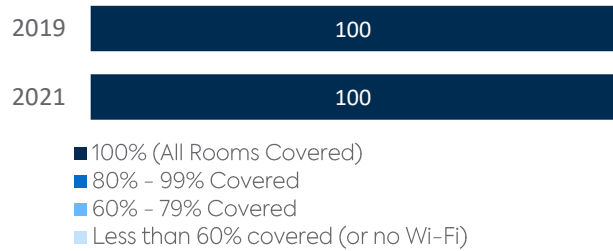
CHARTER FACTS

ENROLLMENT 532
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

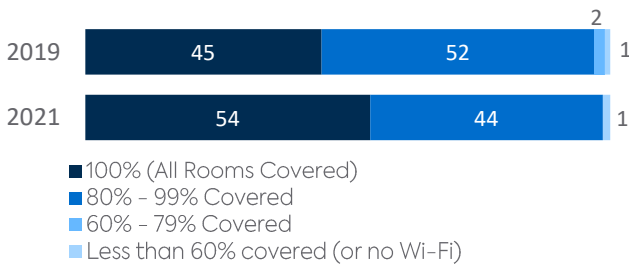
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

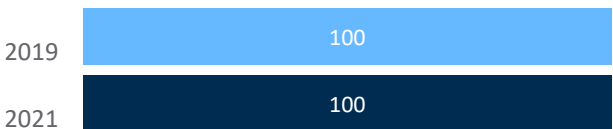


Statewide Coverage

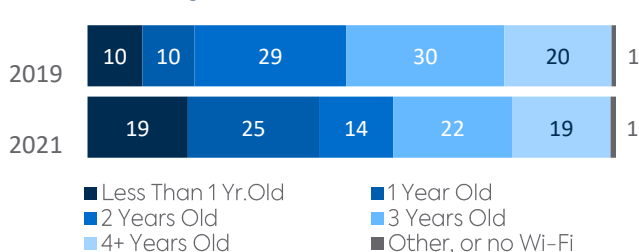


Age of Wi-Fi Access Points Reported by Schools (%)

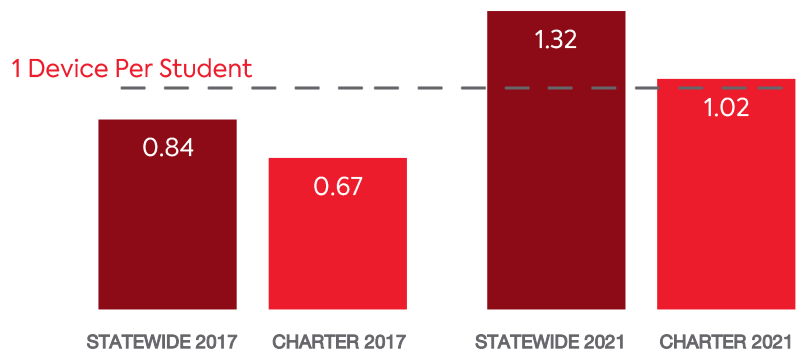
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

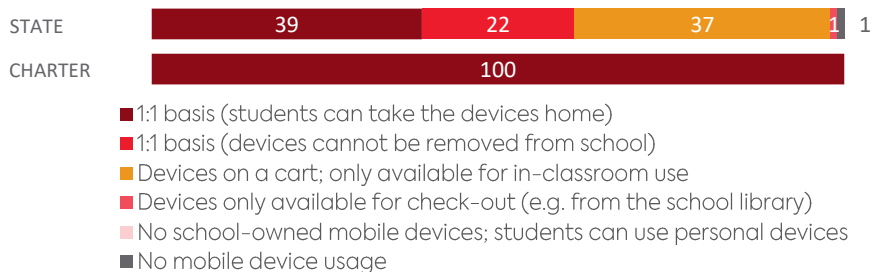


COMPUTING DEVICES USED IN SCHOOLS

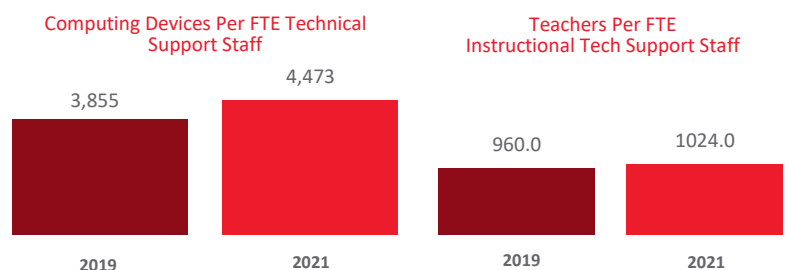
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	0	-1	-100%	-30%
LAPTOPS WINDOWS OS	0	0	-29	-100%	112%
DESKTOPS MAC	62	3	-31	-32%	-25%
LAPTOPS MAC	0	32	0	0%	3%
CHROMEBOOKS GOOGLE	472	0	+250	113%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	7	39	+36	360%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	541	74	+225	58%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



NORTHERN UTAH ACADEMY FOR MATH ENGINEERING AND SCIENCE

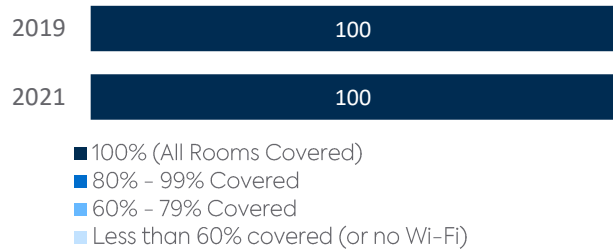
CHARTER FACTS

ENROLLMENT 1,131
 NUMBER OF SCHOOLS 2
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 6.8%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 10%

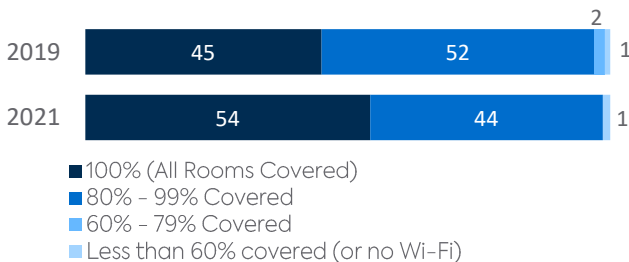
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage



Statewide Coverage

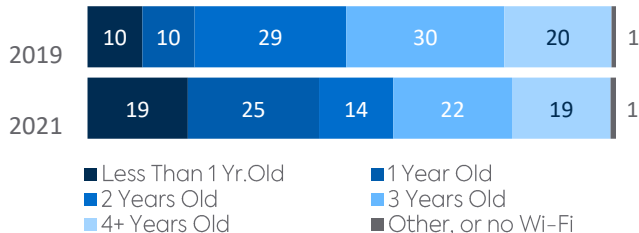


Age of Wi-Fi Access Points Reported by Schools (%)

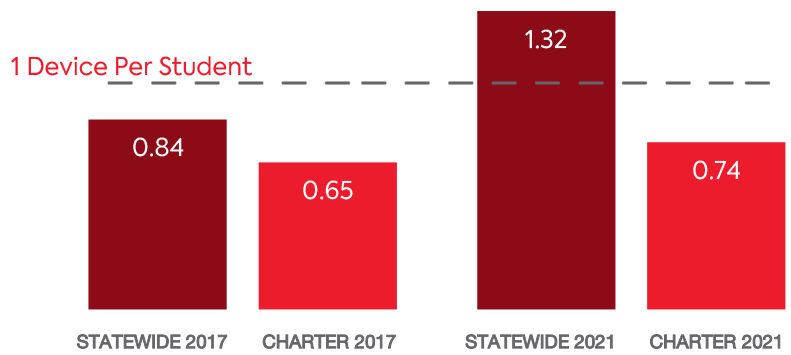
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

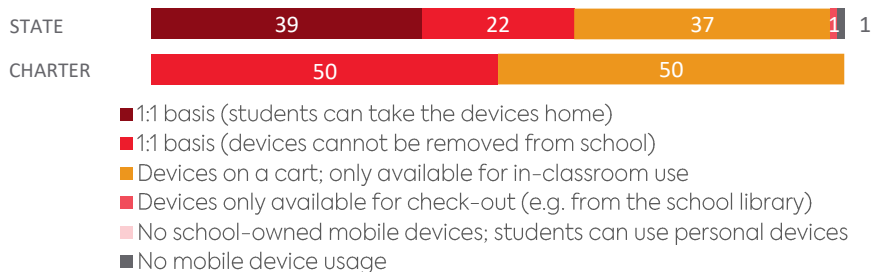


COMPUTING DEVICES USED IN SCHOOLS

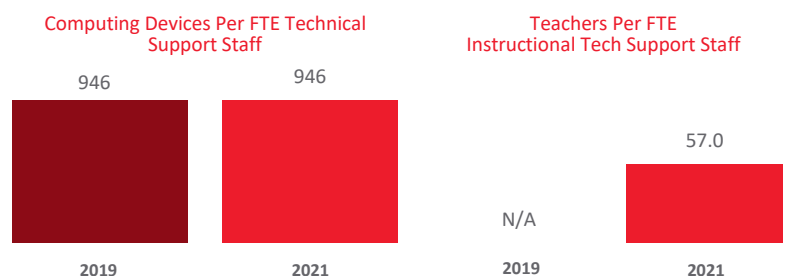
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	565	72	+175	38%	-30%
LAPTOPS WINDOWS OS	270	38	+234	316%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	126%
TABLETS WINDOWS	0	1	1	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	835	111	+410	76%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



ODYSSEY CHARTER SCHOOL

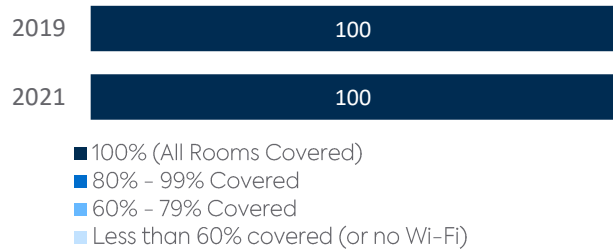
CHARTER FACTS

ENROLLMENT	384
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	4%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

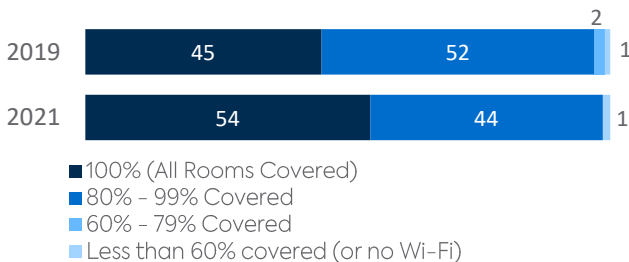
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

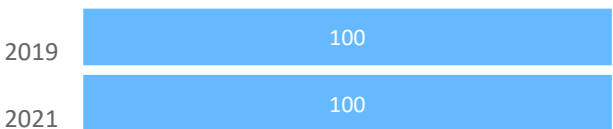


Statewide Coverage

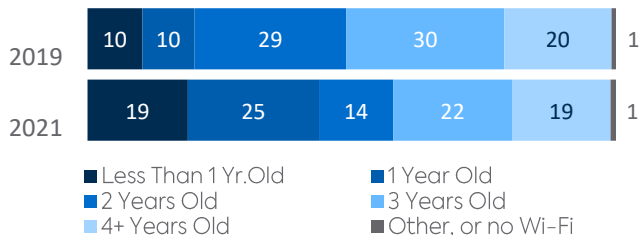


Age of Wi-Fi Access Points Reported by Schools (%)

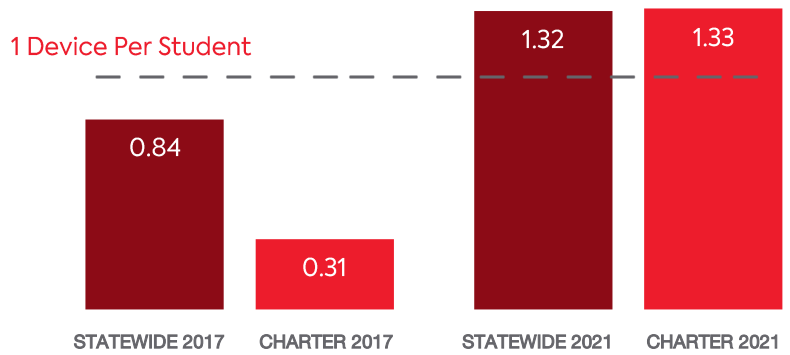
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

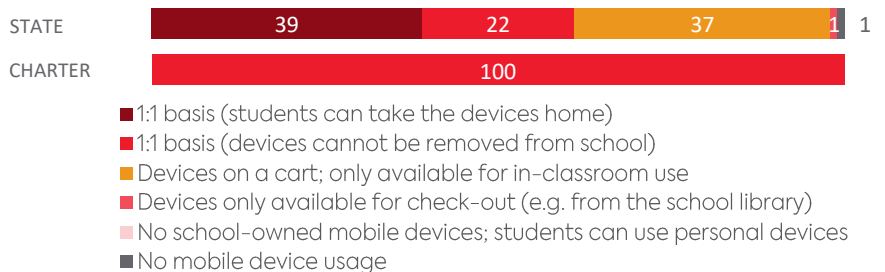


COMPUTING DEVICES USED IN SCHOOLS

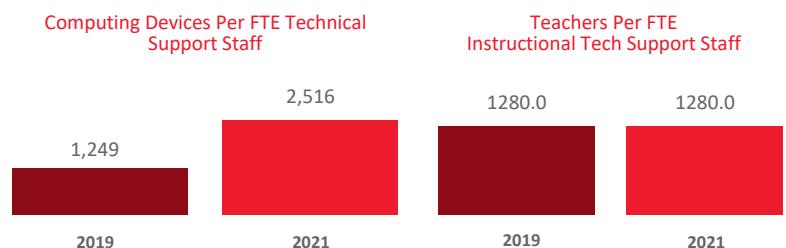
	Student Use	Teacher/ Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	60	6	+9	16%	-30%
LAPTOPS WINDOWS OS	0	45	+5	13%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	-2	-100%	3%
CHROMEBOOKS GOOGLE	450	5	+365	406%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	510	56	+377	199%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



OGDEN PREPARATORY ACADEMY

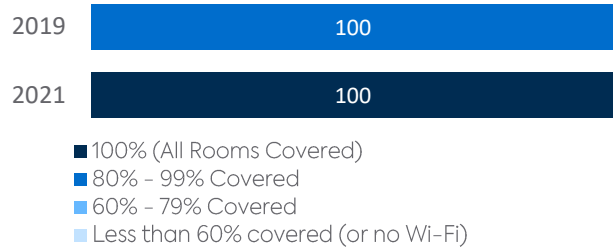
CHARTER FACTS

ENROLLMENT1,049
 NUMBER OF SCHOOLS1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 60%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE0%

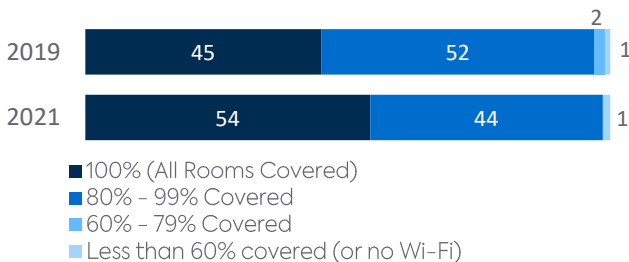
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

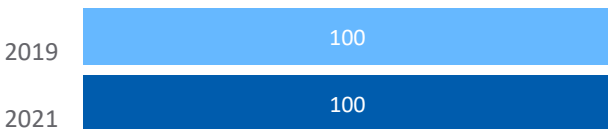


Statewide Coverage

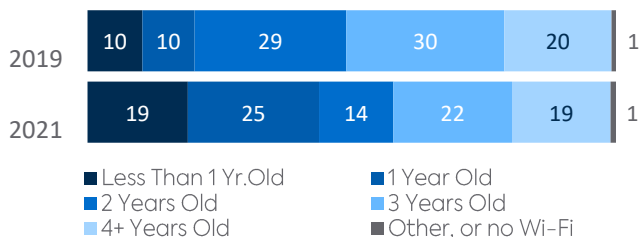


Age of Wi-Fi Access Points Reported by Schools (%)

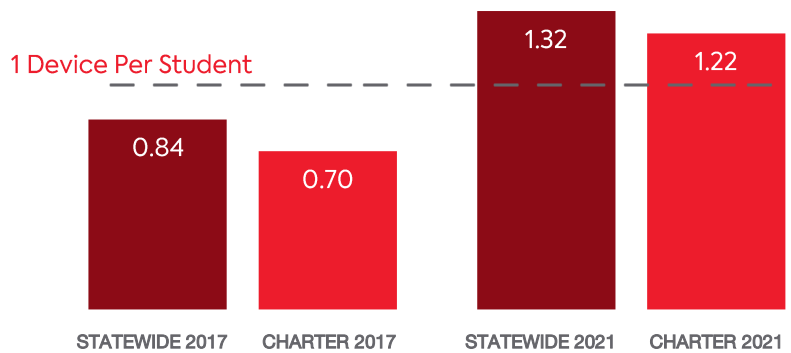
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	2	-1	-33%	-30%
LAPTOPS WINDOWS OS	0	0	-1	-100%	112%
DESKTOPS MAC	30	1	+31	N/A	-25%
LAPTOPS MAC	0	90	+75	500%	3%
CHROMEBOOKS GOOGLE	1,235	60	+574	80%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	10	2	-108	-90%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	1,275	155	+570	66%	59%

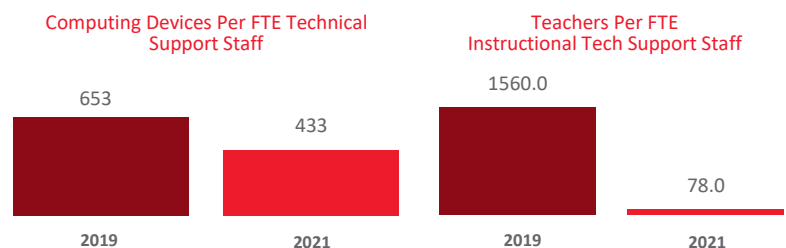
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



OPEN CLASSROOM

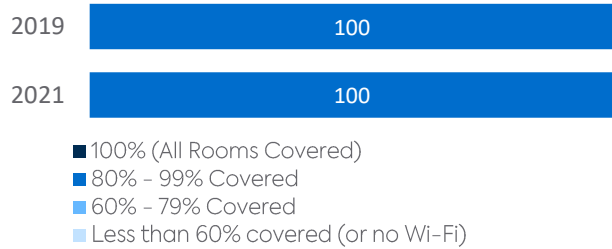
CHARTER FACTS

ENROLLMENT	297
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	1%

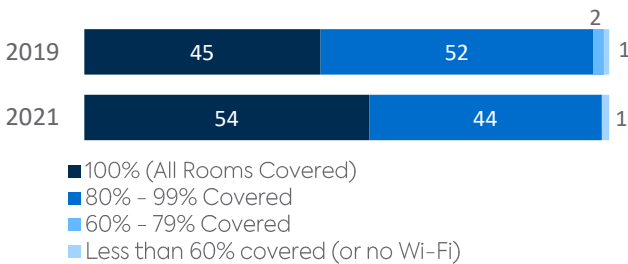
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

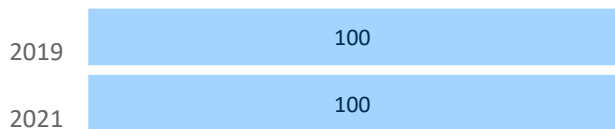


Statewide Coverage

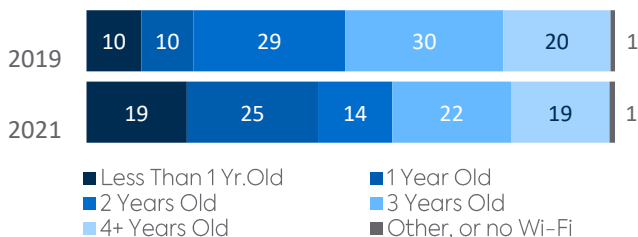


Age of Wi-Fi Access Points Reported by Schools (%)

Charter Coverage

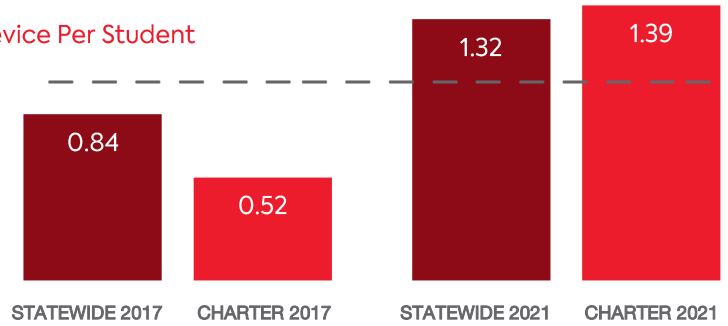


Statewide Coverage



COMPUTING DEVICES PER STUDENT

1 Device Per Student



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	54	35	-53	-37%	-30%
LAPTOPS WINDOWS OS	298	8	+227	287%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	62	0	+32	107%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	414	43	+206	82%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)

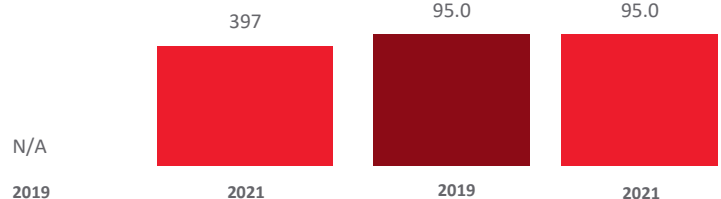


- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



PACIFIC HERITAGE ACADEMY

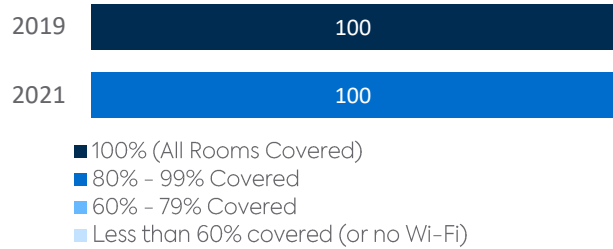
CHARTER FACTS

ENROLLMENT 322
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 5%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

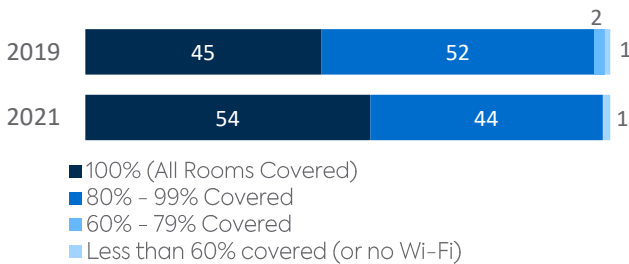
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

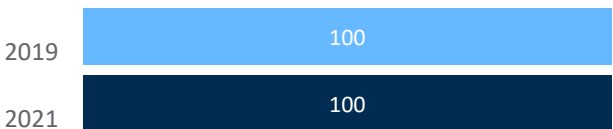


Statewide Coverage

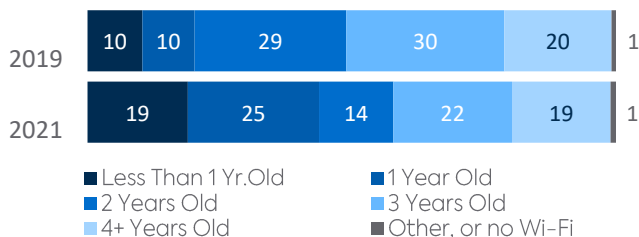


Age of Wi-Fi Access Points Reported by Schools (%)

Charter Coverage

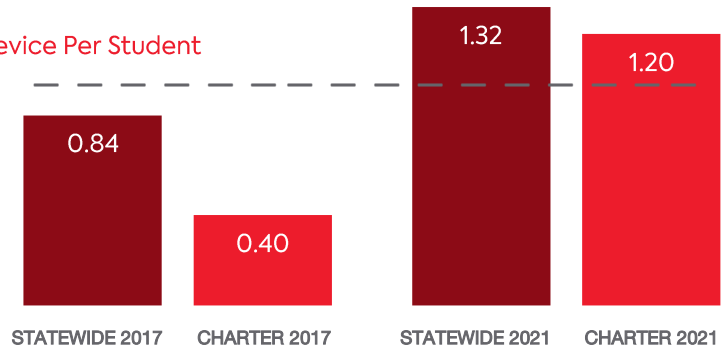


Statewide Coverage



COMPUTING DEVICES PER STUDENT

1 Device Per Student



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	2	+2	N/A	-30%
LAPTOPS WINDOWS OS	0	42	0	0%	112%
DESKTOPS MAC	39	3	+42	N/A	-25%
LAPTOPS MAC	0	3	0	0%	3%
CHROMEBOOKS GOOGLE	270	2	+152	127%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	66	7	+40	121%	-23%
TABLETS IOS	6	2	+8	N/A	21%
OTHER DEVICES	4	0	+4	N/A	-88%
ALL COMPUTING DEVICES	385	61	+248	125%	59%

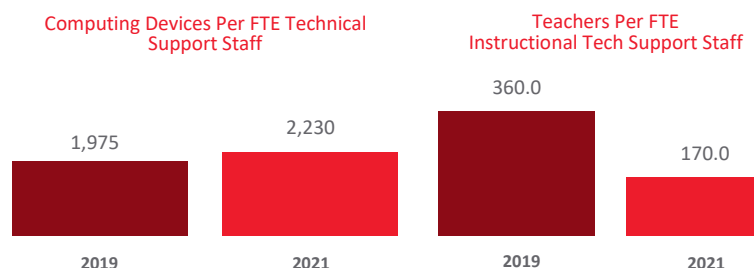
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



PARADIGM HIGH SCHOOL

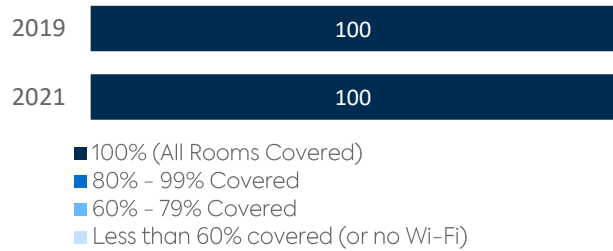
CHARTER FACTS

ENROLLMENT 418
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 5%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

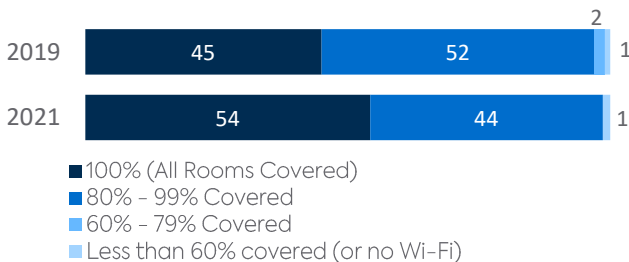
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

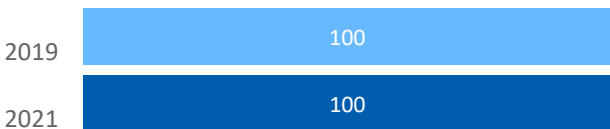


Statewide Coverage

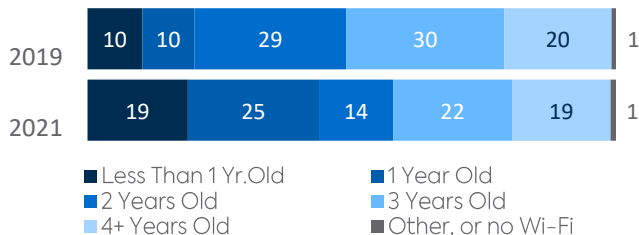


Age of Wi-Fi Access Points Reported by Schools (%)

Charter Coverage

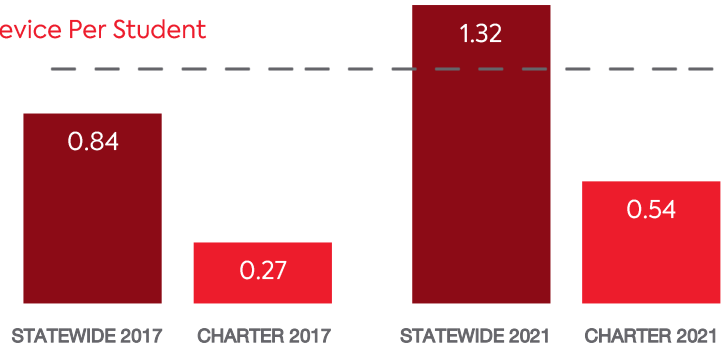


Statewide Coverage



COMPUTING DEVICES PER STUDENT

1 Device Per Student



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	40	10	0	0%	-30%
LAPTOPS WINDOWS OS	20	40	0	0%	112%
DESKTOPS MAC	0	1	+1	N/A	-25%
LAPTOPS MAC	0	1	0	0%	3%
CHROMEBOOKS GOOGLE	85	8	0	0%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	80	7	+87	N/A	-88%
ALL COMPUTING DEVICES	225	67	+88	43%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)

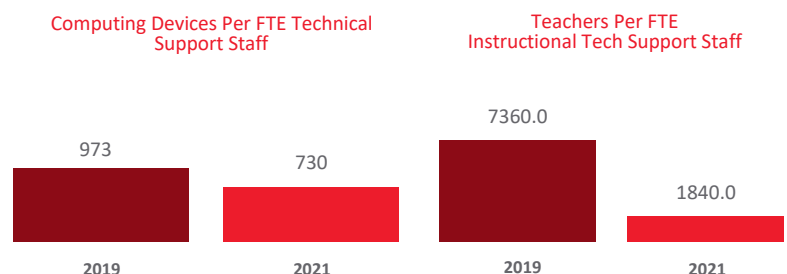


- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



PINNACLE CANYON ACADEMY

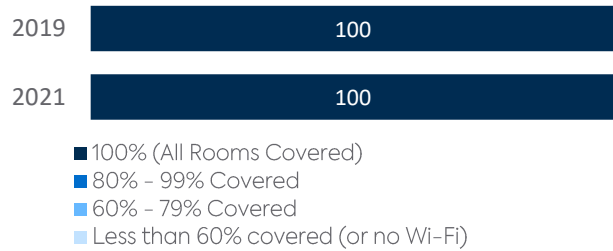
CHARTER FACTS

ENROLLMENT	429
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	40%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	40%

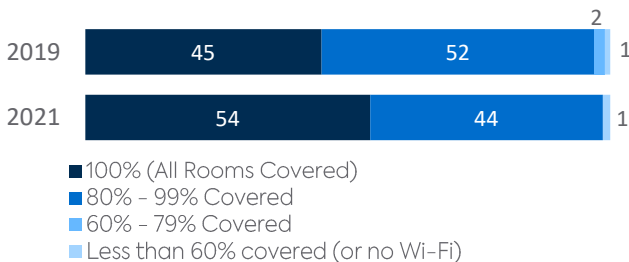
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage



Statewide Coverage

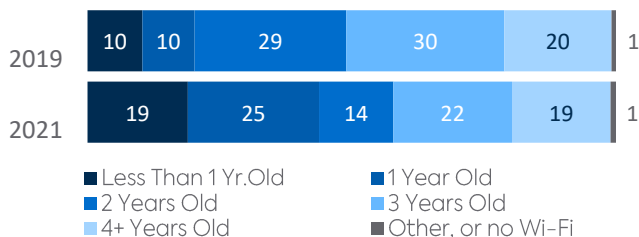


Age of Wi-Fi Access Points Reported by Schools (%)

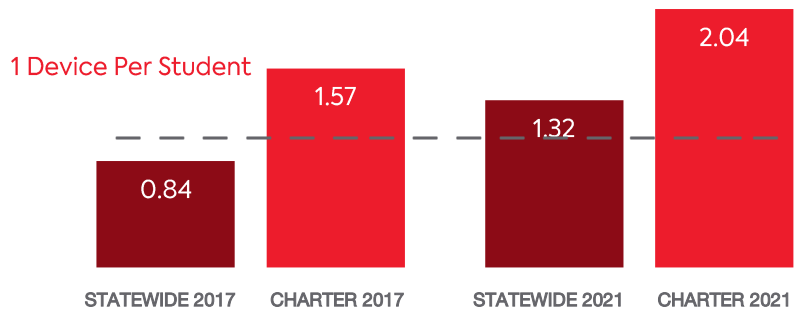
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

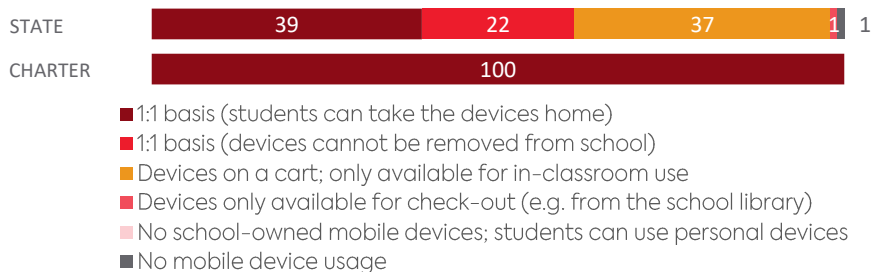


COMPUTING DEVICES USED IN SCHOOLS

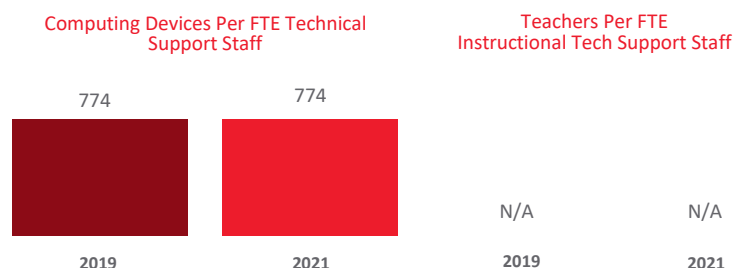
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	6	0	0%	-30%
LAPTOPS WINDOWS OS	0	5	-100	-95%	112%
DESKTOPS MAC	73	6	0	0%	-25%
LAPTOPS MAC	221	42	+96	57%	3%
CHROMEBOOKS GOOGLE	30	0	0	0%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	550	35	0	0%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	874	94	-4	-0%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



PROMONTORY SCHOOL OF EXPEDITIONARY LEARNING

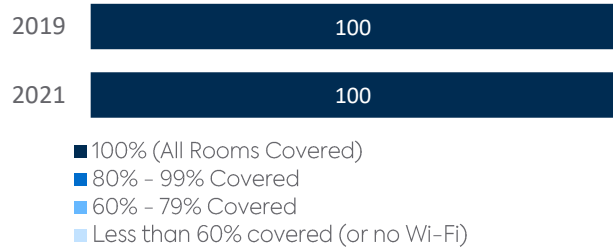
CHARTER FACTS

ENROLLMENT	447
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	1%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

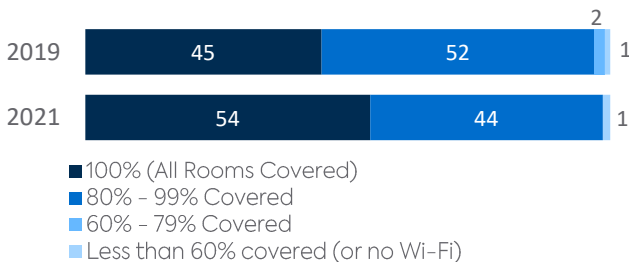
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage



Statewide Coverage

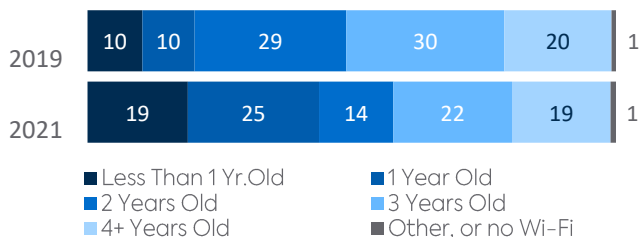


Age of Wi-Fi Access Points Reported by Schools (%)

Charter Coverage

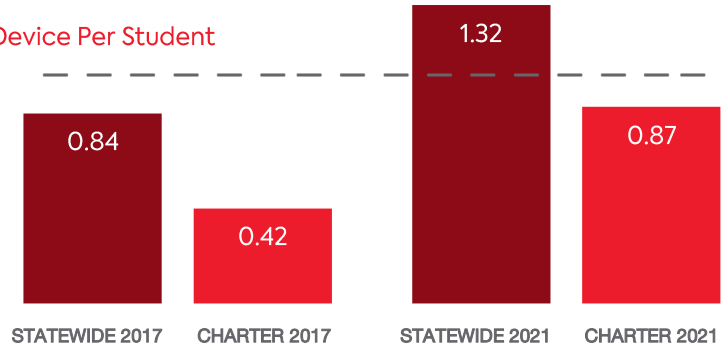


Statewide Coverage



COMPUTING DEVICES PER STUDENT

1 Device Per Student



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	2	0	-61	-97%	-30%
LAPTOPS WINDOWS OS	31	50	0	0%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	1	7	+5	167%	3%
CHROMEBOOKS GOOGLE	248	14	+193	280%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	19	0	-6	-24%	-23%
TABLETS IOS	90	4	+80	571%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	391	75	+211	83%	59%

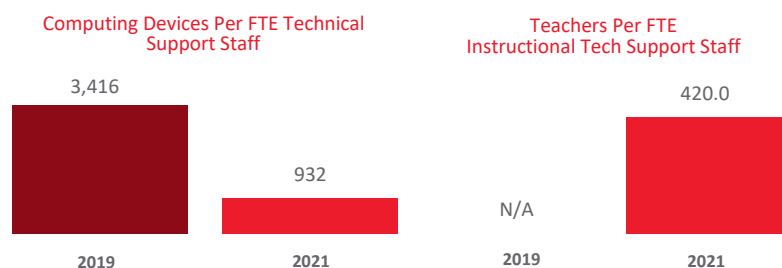
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



PROVIDENCE HALL

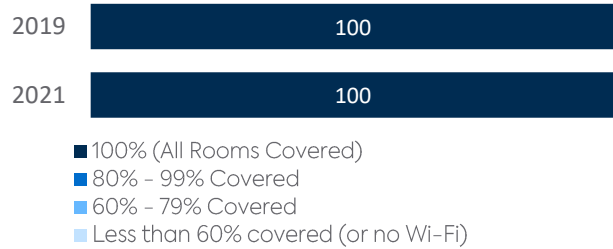
CHARTER FACTS

ENROLLMENT2,051
 NUMBER OF SCHOOLS3
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE0%

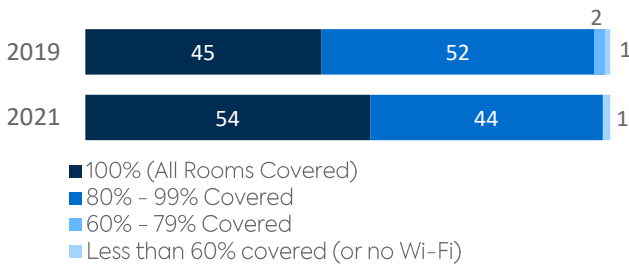
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

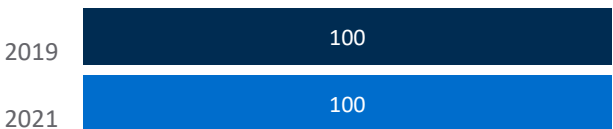


Statewide Coverage

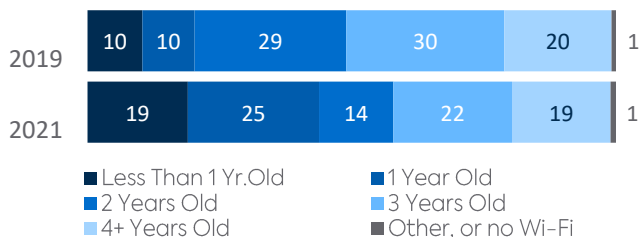


Age of Wi-Fi Access Points Reported by Schools (%)

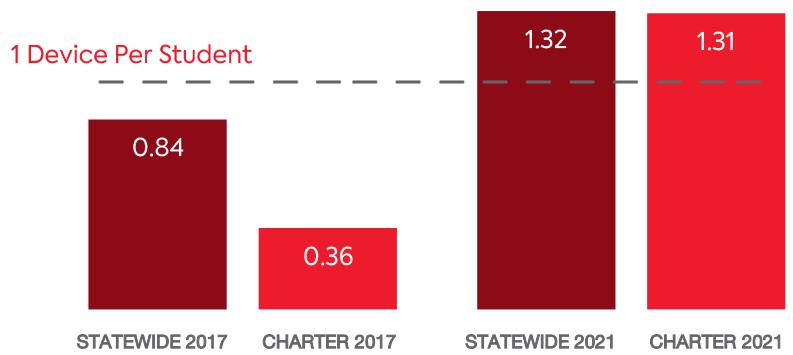
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

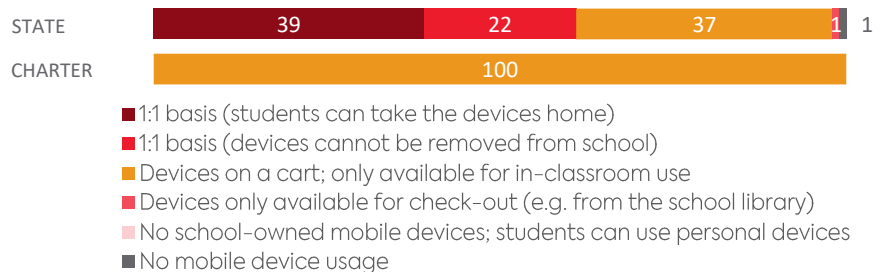


COMPUTING DEVICES USED IN SCHOOLS

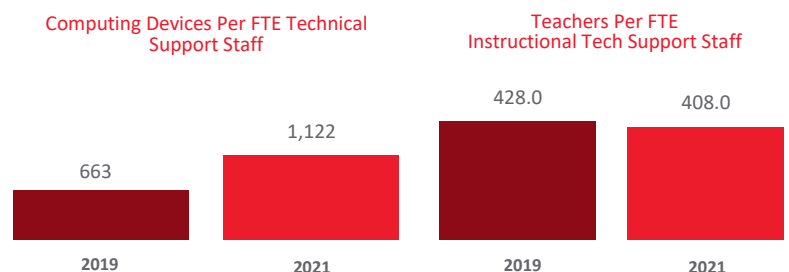
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	5	+5	N/A	-30%
LAPTOPS WINDOWS OS	0	0	0	N/A	112%
DESKTOPS MAC	20	18	+4	12%	-25%
LAPTOPS MAC	554	209	+264	53%	3%
CHROMEBOOKS GOOGLE	1,691	0	+1,351	397%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	7	0	+7	N/A	-23%
TABLETS IOS	359	109	+391	508%	21%
OTHER DEVICES	58	0	+58	N/A	-88%
ALL COMPUTING DEVICES	2,689	341	+2,080	219%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



QUEST ACADEMY

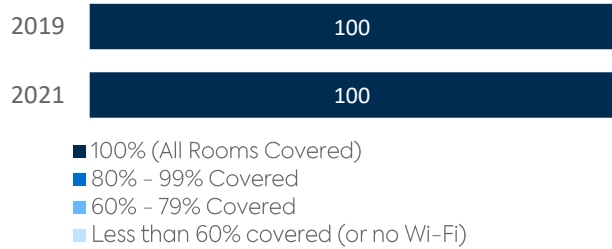
CHARTER FACTS

ENROLLMENT 1,010
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

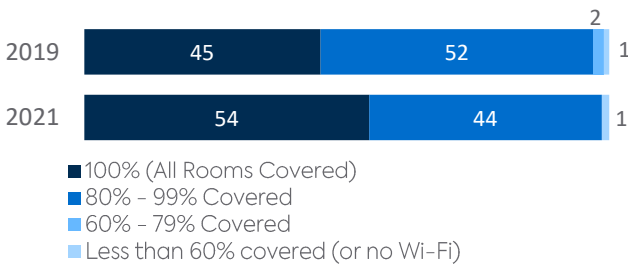
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

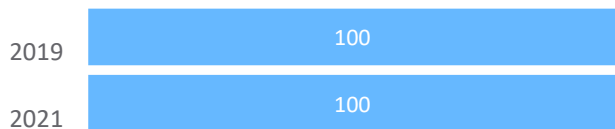


Statewide Coverage

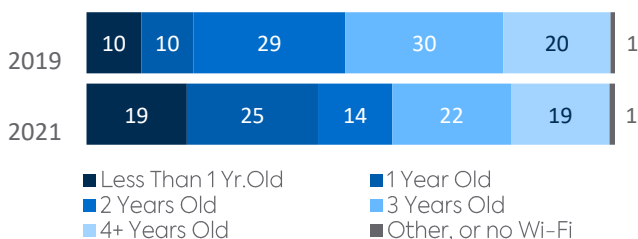


Age of Wi-Fi Access Points Reported by Schools (%)

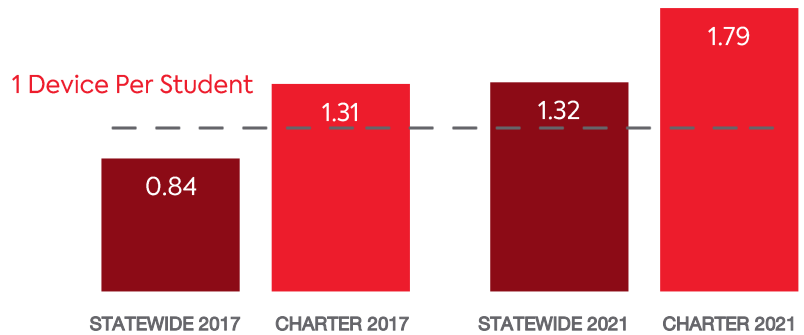
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	0	0	N/A	-30%
LAPTOPS WINDOWS OS	0	5	-102	-95%	112%
DESKTOPS MAC	0	29	-22	-43%	-25%
LAPTOPS MAC	297	101	+8	2%	3%
CHROMEBOOKS GOOGLE	1,113	0	+813	271%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	6	3	0	0%	-23%
TABLETS IOS	391	101	-68	-12%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	1,807	239	+629	44%	59%

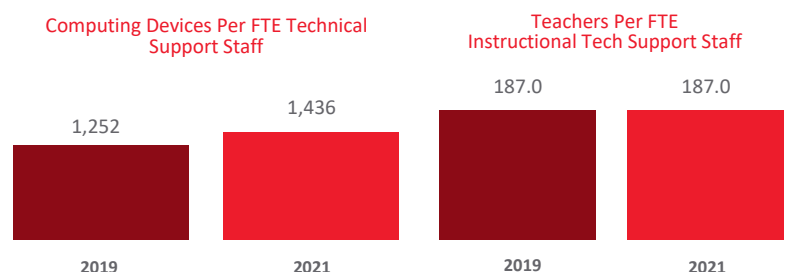
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



REAGAN ACADEMY

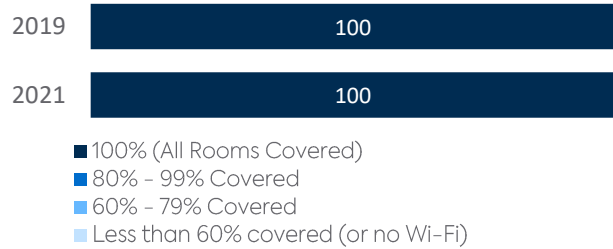
CHARTER FACTS

ENROLLMENT 661
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

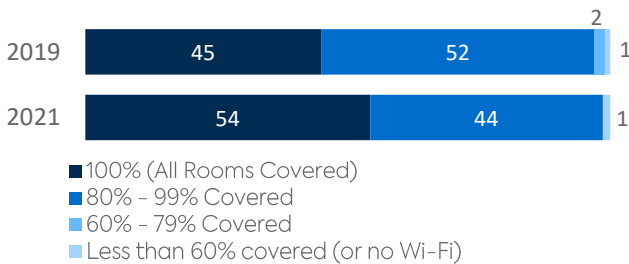
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

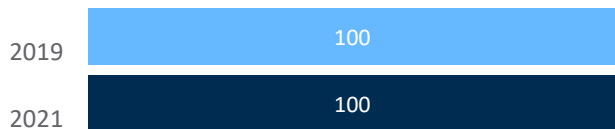


Statewide Coverage

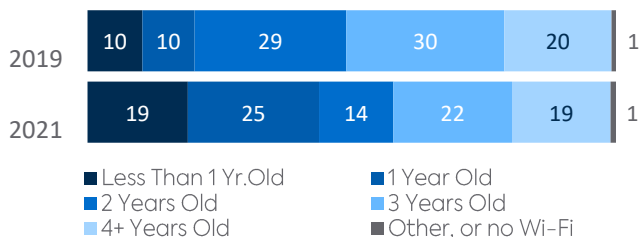


Age of Wi-Fi Access Points Reported by Schools (%)

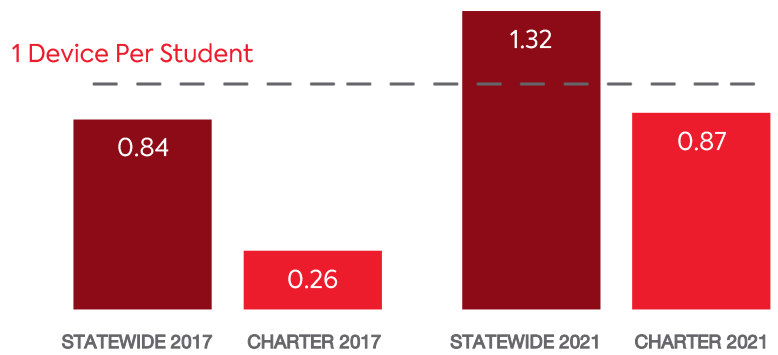
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/ Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	130	50	+72	67%	-30%
LAPTOPS WINDOWS OS	0	3	+3	N/A	112%
DESKTOPS MAC	27	0	0	0%	-25%
LAPTOPS MAC	0	1	+1	N/A	3%
CHROMEBOOKS GOOGLE	359	3	+284	364%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	60	20	+60	300%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	576	77	+420	180%	59%

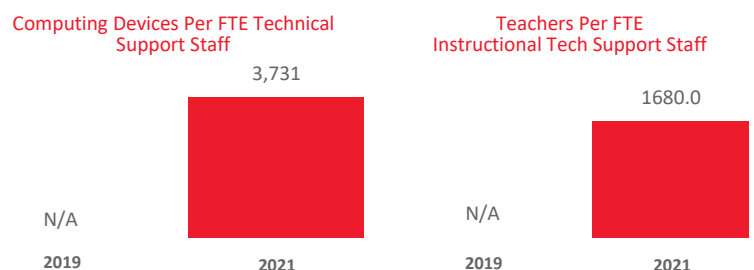
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



REAL SALT LAKE ACADEMY HIGH SCHOOL

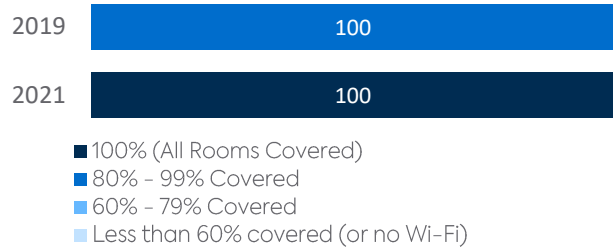
CHARTER FACTS

ENROLLMENT 272
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

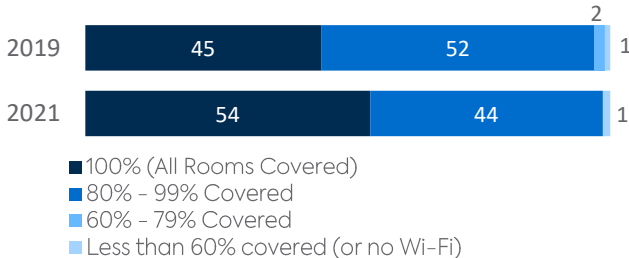
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage



Statewide Coverage

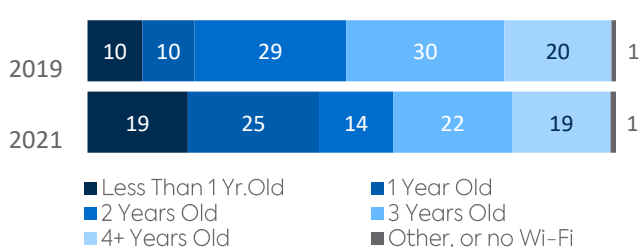


Age of Wi-Fi Access Points Reported by Schools (%)

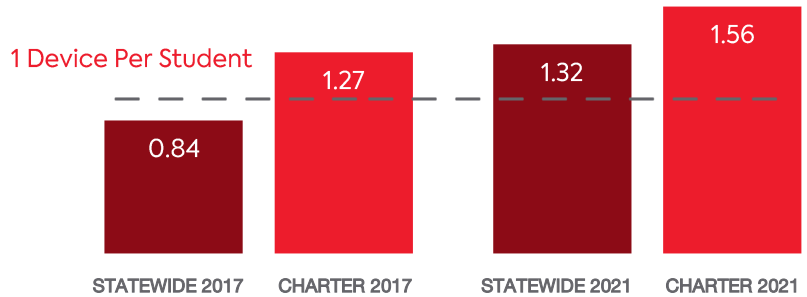
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	22	5	0	0%	-30%
LAPTOPS WINDOWS OS	30	1	+30	3000%	112%
DESKTOPS MAC	5	0	0	0%	-25%
LAPTOPS MAC	15	0	0	0%	3%
CHROMEBOOKS GOOGLE	350	18	+187	103%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	2	3	+2	67%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	424	27	+219	94%	59%

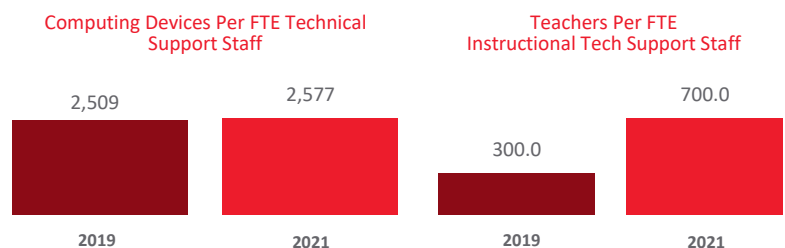
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



RENAISSANCE ACADEMY

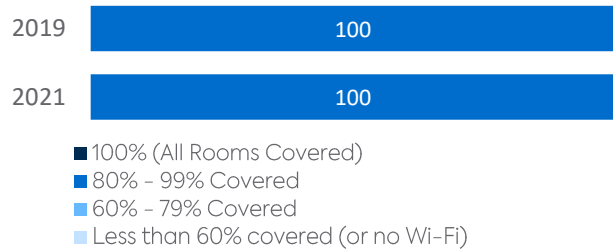
CHARTER FACTS

ENROLLMENT 757
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 2%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

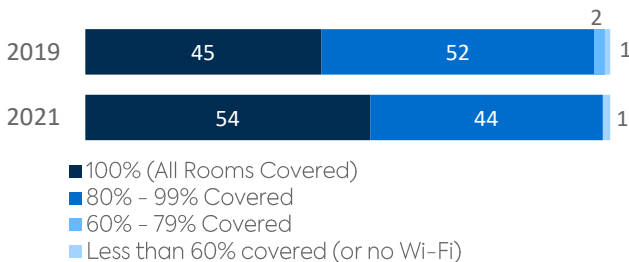
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

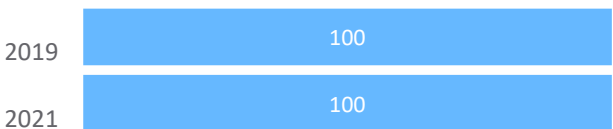


Statewide Coverage

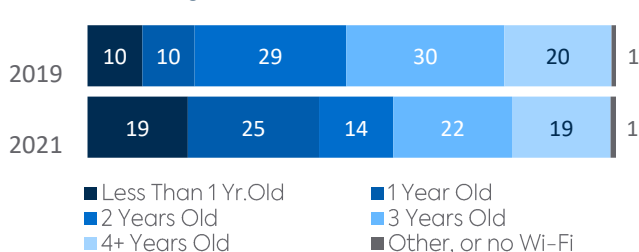


Age of Wi-Fi Access Points Reported by Schools (%)

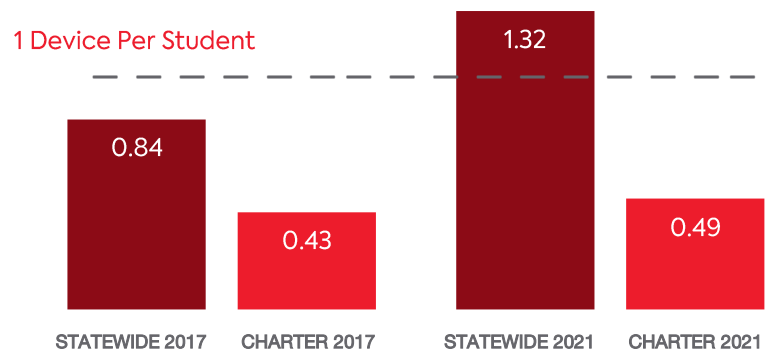
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

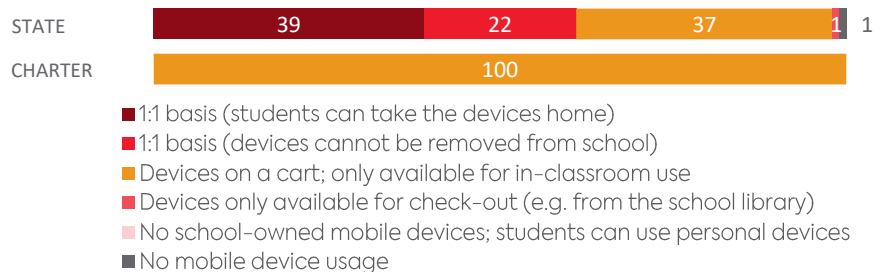


COMPUTING DEVICES USED IN SCHOOLS

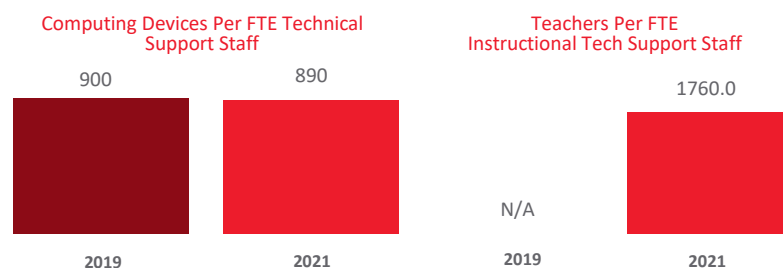
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	10	10	-12	-38%	-30%
LAPTOPS WINDOWS OS	6	65	+1	1%	112%
DESKTOPS MAC	0	0	-25	-100%	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	350	0	+206	143%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	4	0	-182	-98%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	370	75	-12	-3%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



ROCKWELL CHARTER HIGH SCHOOL

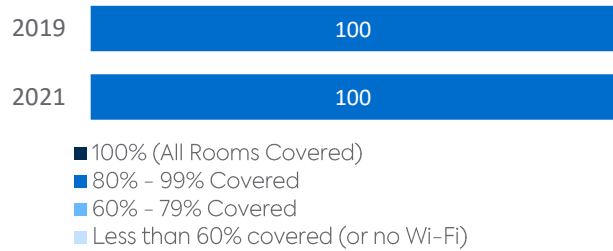
CHARTER FACTS

ENROLLMENT	251
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	5%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

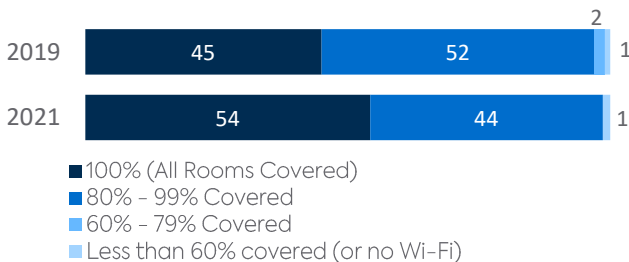
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

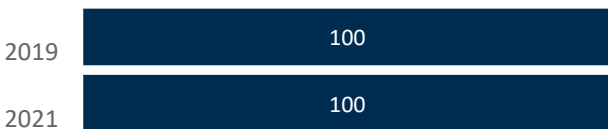


Statewide Coverage

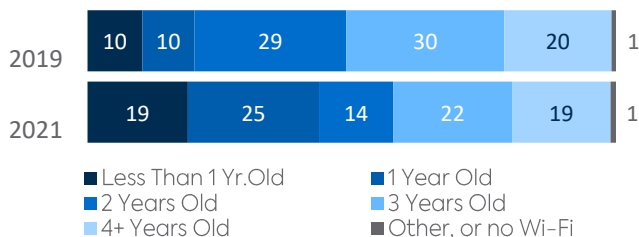


Age of Wi-Fi Access Points Reported by Schools (%)

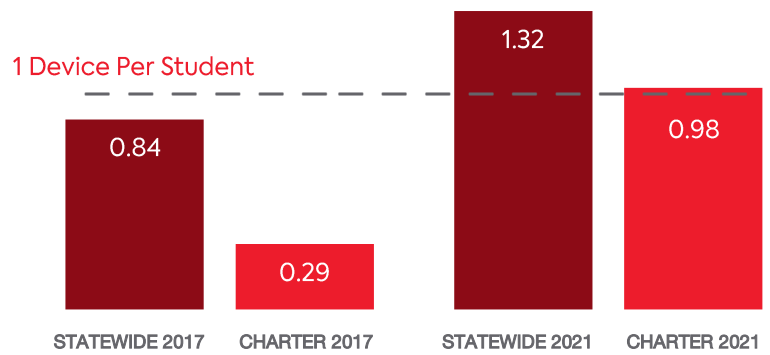
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/ Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	18	1	0	0%	-30%
LAPTOPS WINDOWS OS	0	4	-25	-86%	112%
DESKTOPS MAC	50	35	0	0%	-25%
LAPTOPS MAC	90	26	+86	287%	3%
CHROMEBOOKS GOOGLE	77	0	+64	492%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	10	10	+10	100%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	245	76	+135	73%	59%

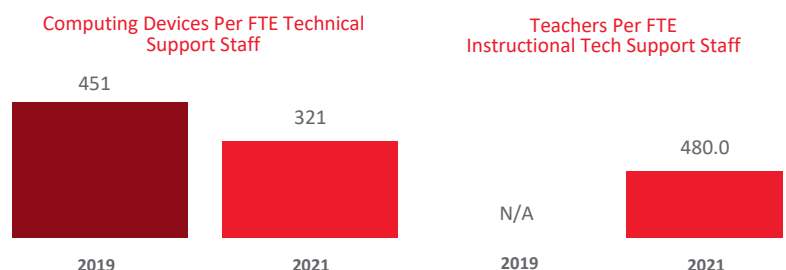
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



ROOTS CHARTER HIGH SCHOOL

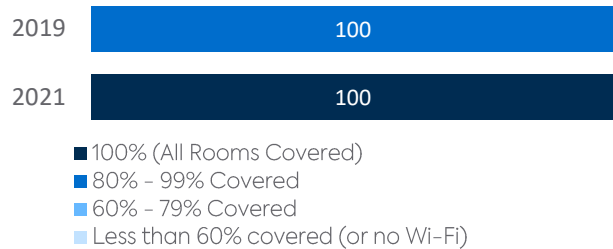
CHARTER FACTS

ENROLLMENT	184
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	10%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	10%

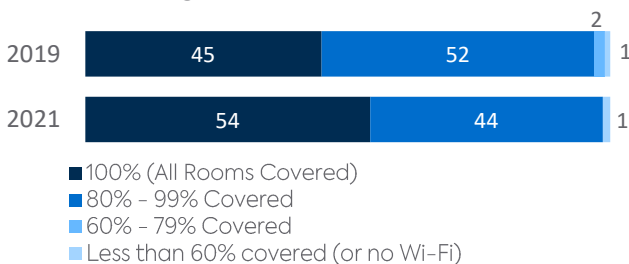
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

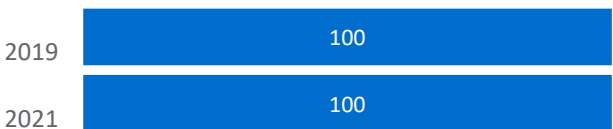


Statewide Coverage

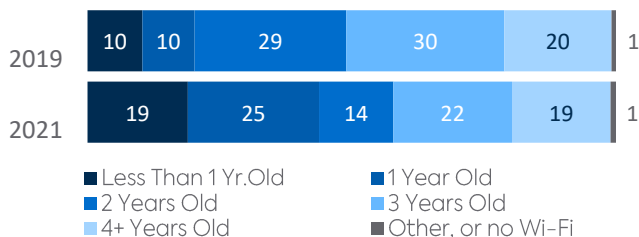


Age of Wi-Fi Access Points Reported by Schools (%)

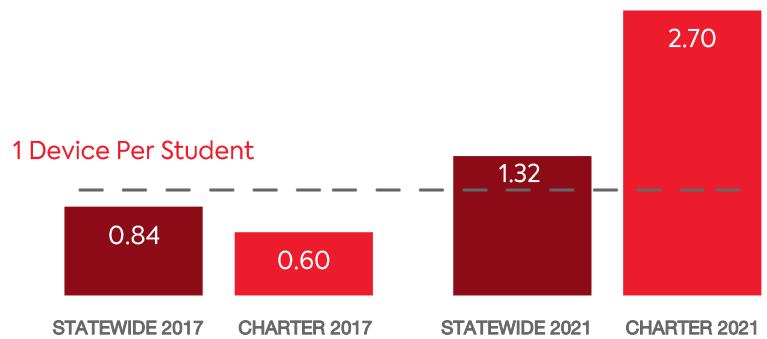
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	20	0	+20	N/A	-30%
LAPTOPS WINDOWS OS	0	0	0	N/A	112%
DESKTOPS MAC	26	0	+26	N/A	-25%
LAPTOPS MAC	0	24	+5	26%	3%
CHROMEBOOKS GOOGLE	448	10	+338	282%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	2	1	+2	200%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	496	35	+391	279%	59%

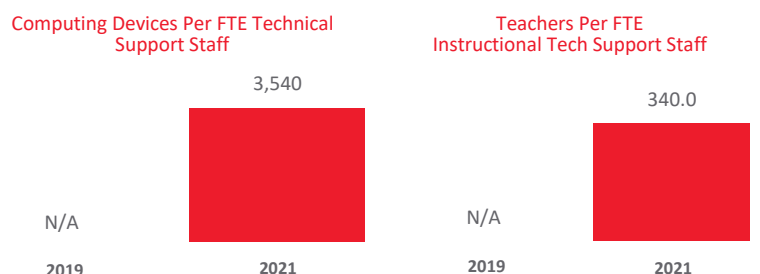
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



SALT LAKE ARTS ACADEMY

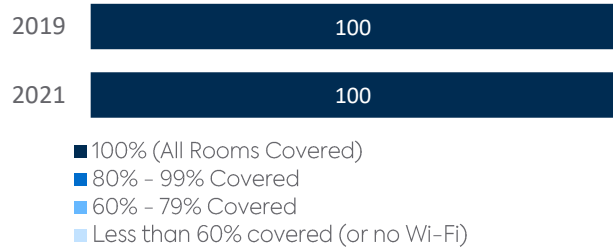
CHARTER FACTS

ENROLLMENT 408
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 10%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 1%

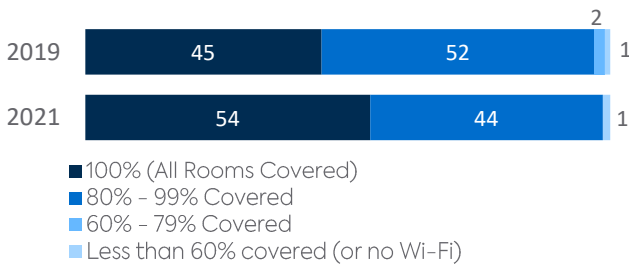
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

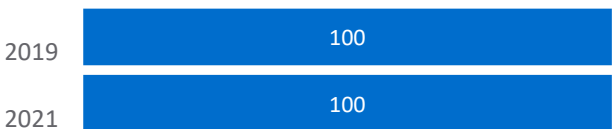


Statewide Coverage

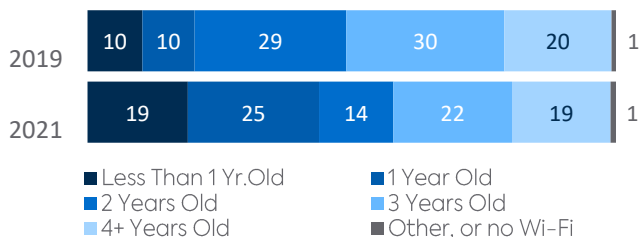


Age of Wi-Fi Access Points Reported by Schools (%)

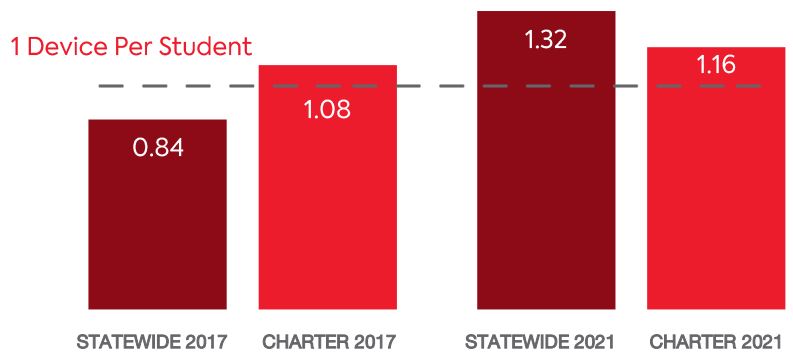
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

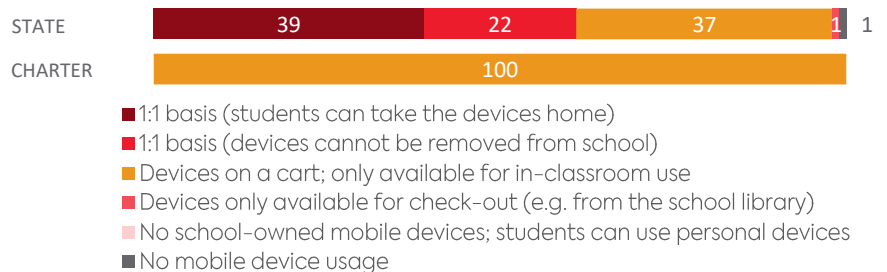


COMPUTING DEVICES USED IN SCHOOLS

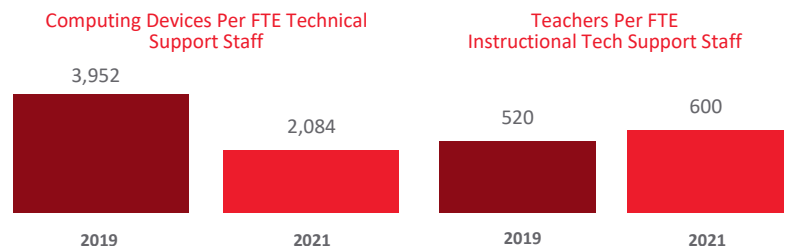
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	3	+1	50%	-30%
LAPTOPS WINDOWS OS	0	0	0	N/A	112%
DESKTOPS MAC	25	10	0	0%	-25%
LAPTOPS MAC	0	30	+5	20%	3%
CHROMEBOOKS GOOGLE	400	0	+25	7%	126%
TABLETS WINDOWS	21	0	+21	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	27	5	+2	7%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	473	48	+54	12%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



SALT LAKE CENTER FOR SCIENCE EDUCATION

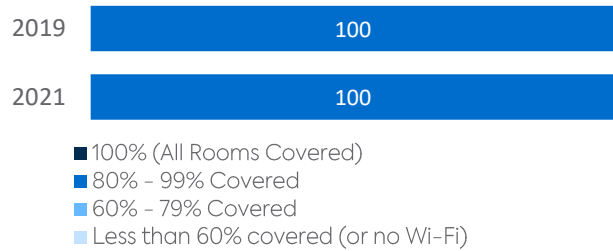
CHARTER FACTS

ENROLLMENT	358
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	23%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	10%

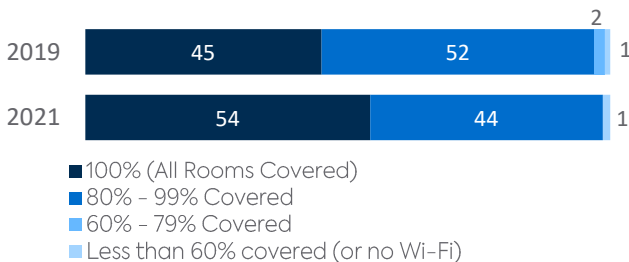
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

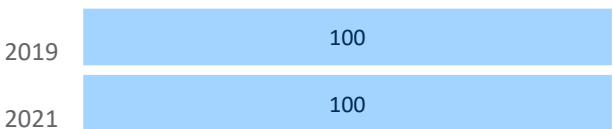


Statewide Coverage

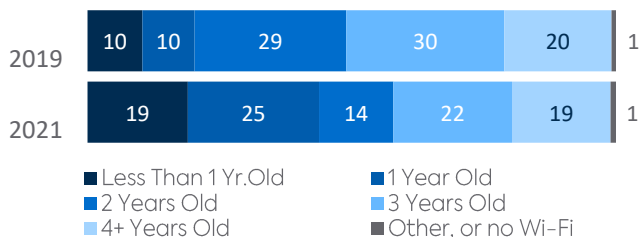


Age of Wi-Fi Access Points Reported by Schools (%)

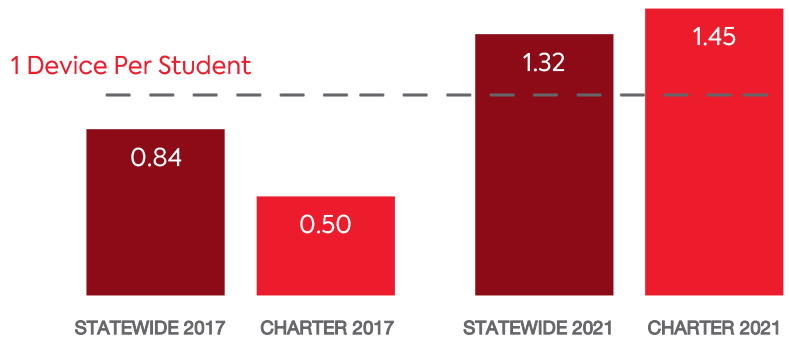
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

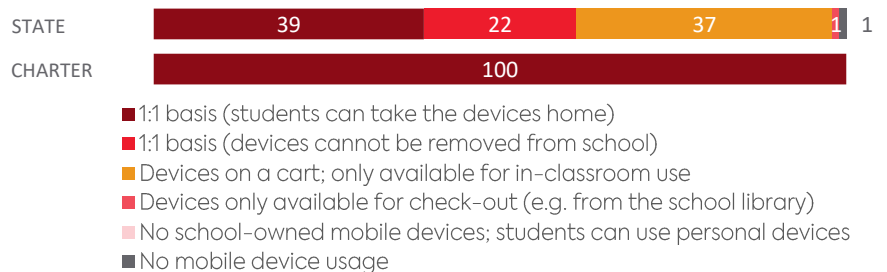


COMPUTING DEVICES USED IN SCHOOLS

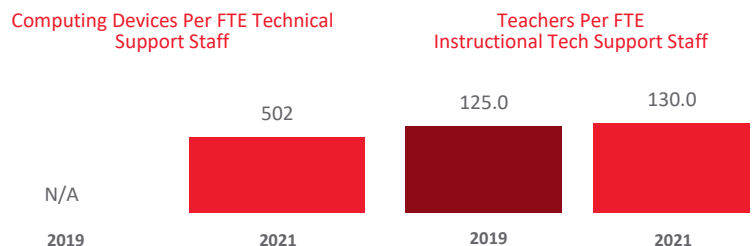
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	55	48	-47	-31%	-30%
LAPTOPS WINDOWS OS	362	33	+305	339%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	26	1	+27	N/A	3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	77	0	+59	328%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	520	82	+344	133%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



SALT LAKE SCHOOL OF PERFORMING ARTS

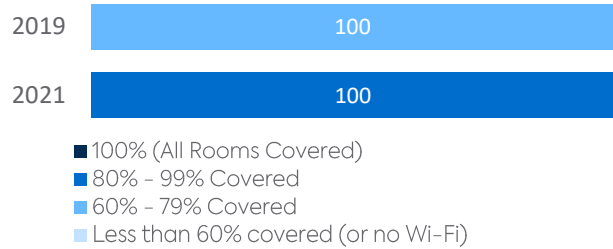
CHARTER FACTS

ENROLLMENT	210
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	3%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	3%

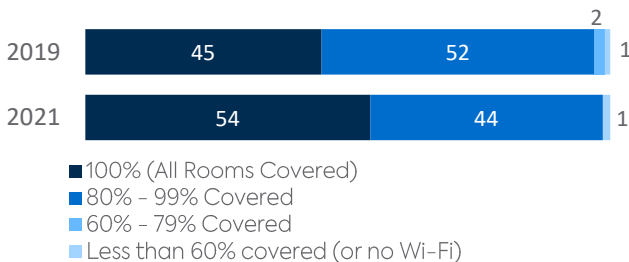
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

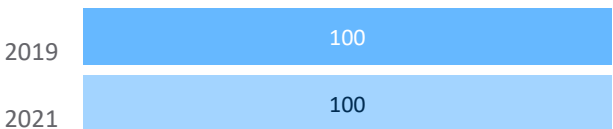


Statewide Coverage

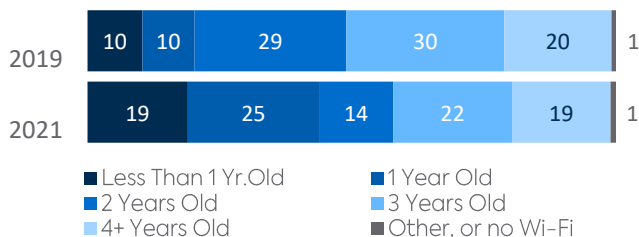


Age of Wi-Fi Access Points Reported by Schools (%)

Charter Coverage

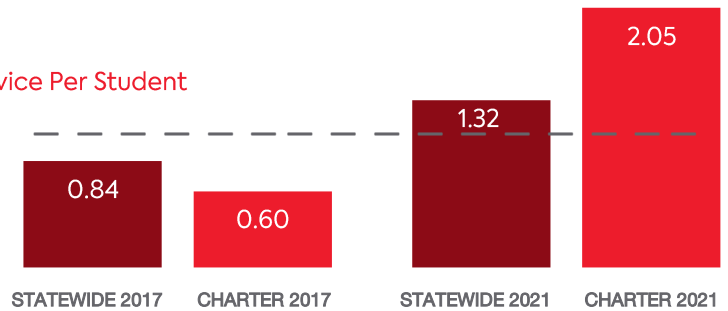


Statewide Coverage



COMPUTING DEVICES PER STUDENT

1 Device Per Student



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	27	-31	-53%	-30%
LAPTOPS WINDOWS OS	10	12	-3	-12%	112%
DESKTOPS MAC	43	3	+26	130%	-25%
LAPTOPS MAC	0	5	+2	67%	3%
CHROMEBOOKS GOOGLE	377	5	+300	366%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	1	3	-6	-60%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	431	55	+288	145%	59%

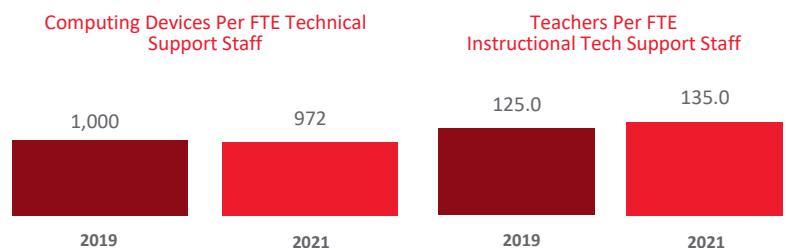
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



SCHOLAR ACADEMY

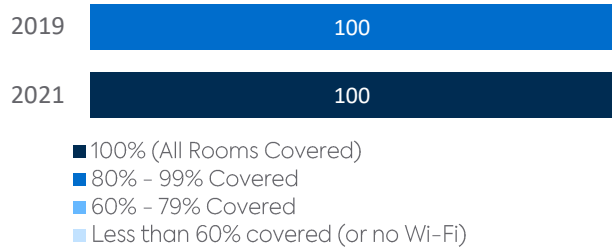
CHARTER FACTS

ENROLLMENT 660
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 2.8%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

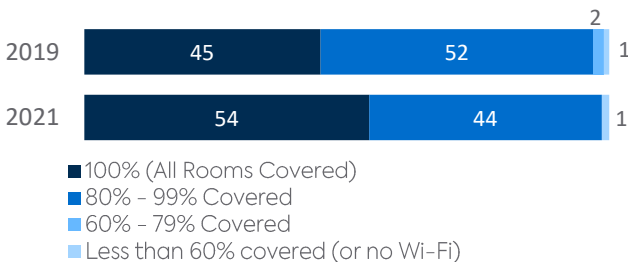
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

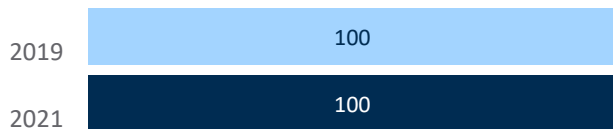


Statewide Coverage

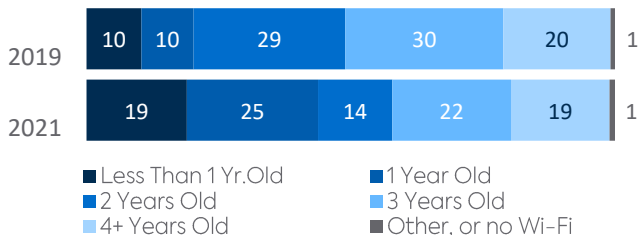


Age of Wi-Fi Access Points Reported by Schools (%)

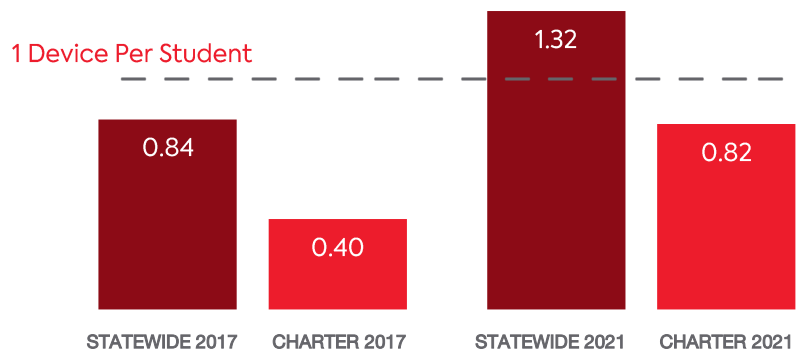
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/ Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	64	38	+40	65%	-30%
LAPTOPS WINDOWS OS	399	17	+259	165%	112%
DESKTOPS MAC	0	1	+1	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	30	0	+9	43%	-23%
TABLETS IOS	50	9	+7	13%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	543	65	+316	108%	59%

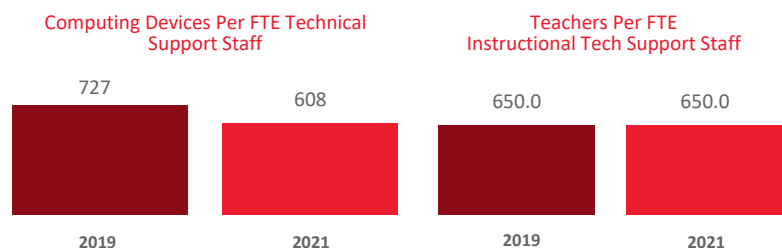
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



SOLDIER HOLLOW CHARTER SCHOOL

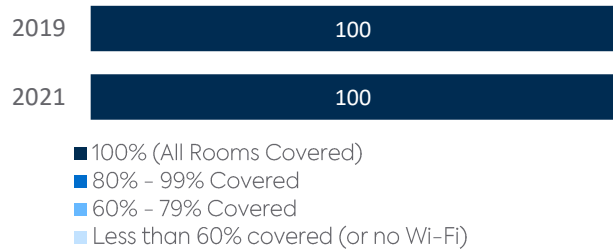
CHARTER FACTS

ENROLLMENT	280
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

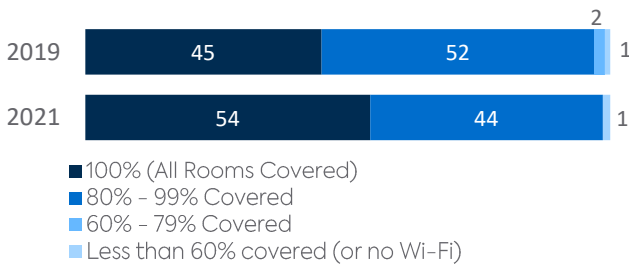
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

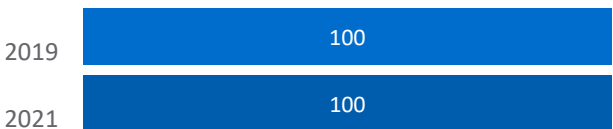


Statewide Coverage

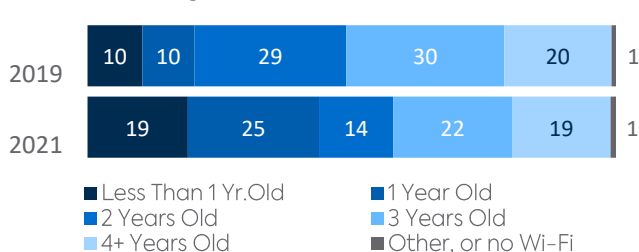


Age of Wi-Fi Access Points Reported by Schools (%)

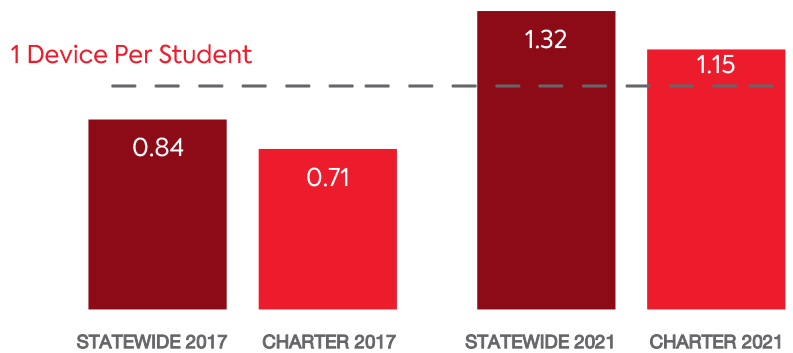
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

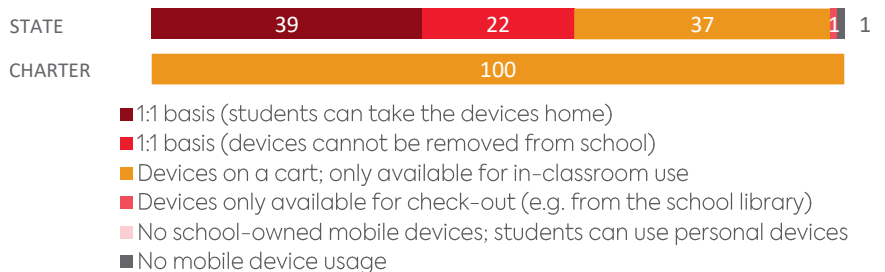


COMPUTING DEVICES USED IN SCHOOLS

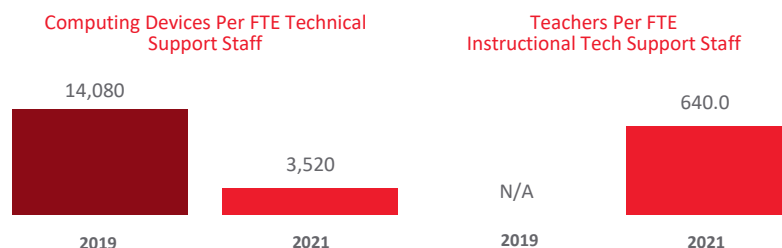
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	6	0	0%	-30%
LAPTOPS WINDOWS OS	0	19	-94	-83%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	282	0	+192	213%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	40	5	0	0%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	322	30	+98	39%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



SPECTRUM ACADEMY

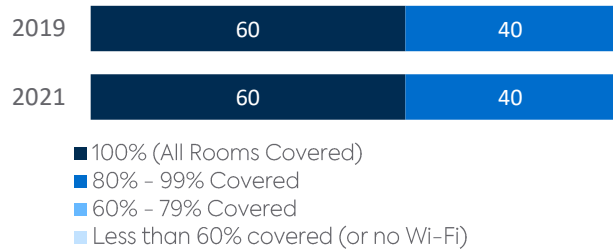
CHARTER FACTS

ENROLLMENT1,502
 NUMBER OF SCHOOLS5
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE15%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE0%

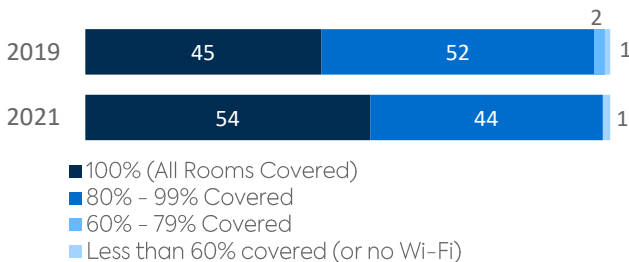
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

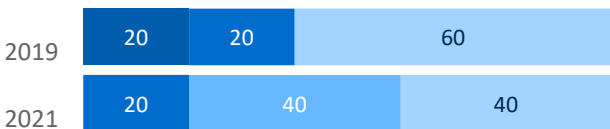


Statewide Coverage

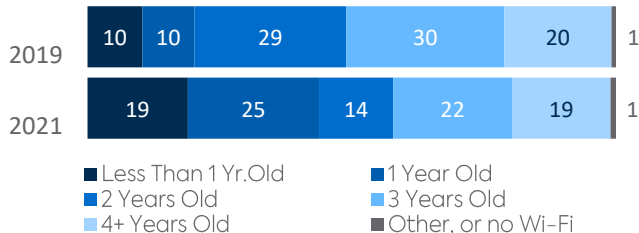


Age of Wi-Fi Access Points Reported by Schools (%)

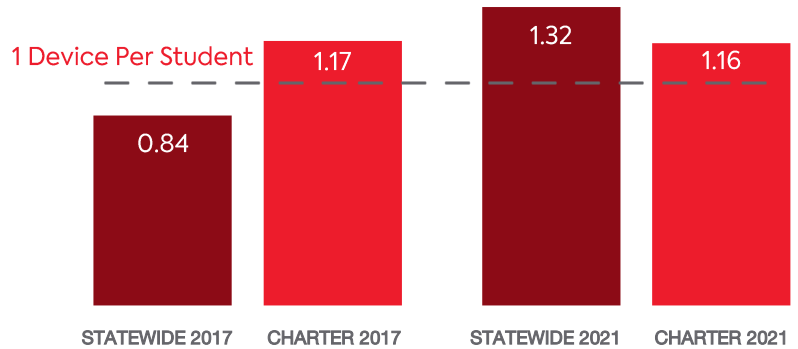
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

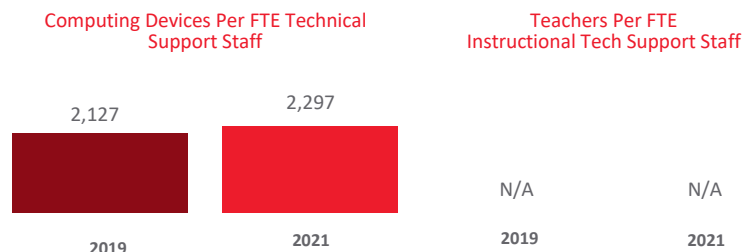
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	103	60	-15	-8%	-30%
LAPTOPS WINDOWS OS	0	181	+25	16%	112%
DESKTOPS MAC	0	1	+1	N/A	-25%
LAPTOPS MAC	1	25	+26	N/A	3%
CHROMEBOOKS GOOGLE	1,488	158	+770	88%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	150	130	-180	-39%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	1,742	555	+627	38%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



ST. GEORGE ACADEMY

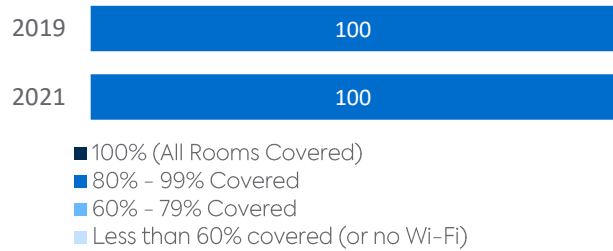
CHARTER FACTS

ENROLLMENT	252
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	10%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

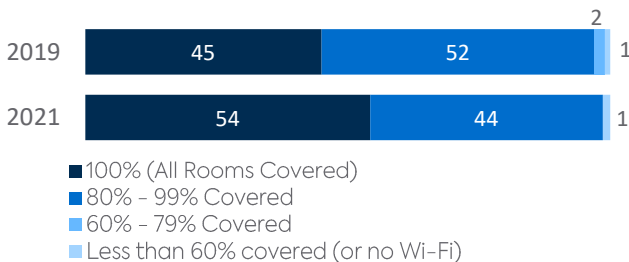
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

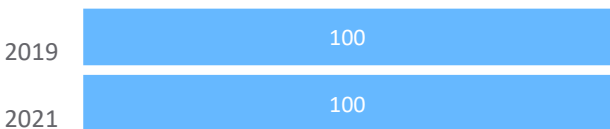


Statewide Coverage

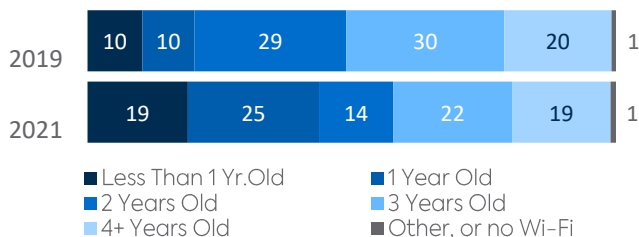


Age of Wi-Fi Access Points Reported by Schools (%)

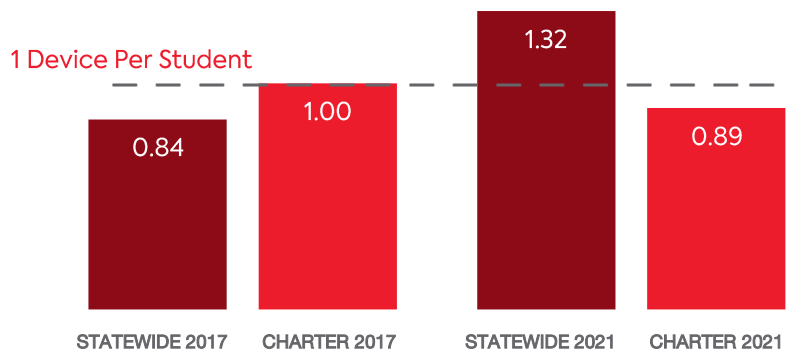
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	1	0	0%	-30%
LAPTOPS WINDOWS OS	0	4	0	0%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	9	0	0%	3%
CHROMEBOOKS GOOGLE	225	0	+14	7%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	225	14	+14	6%	59%

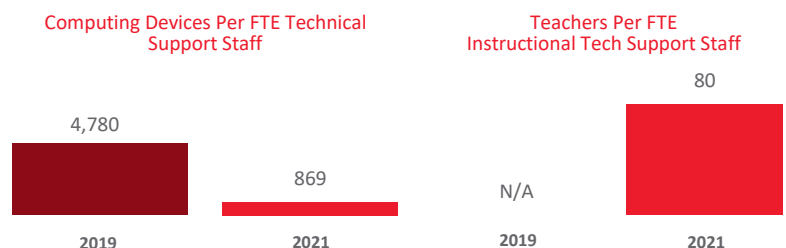
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



SUCCESS ACADEMY

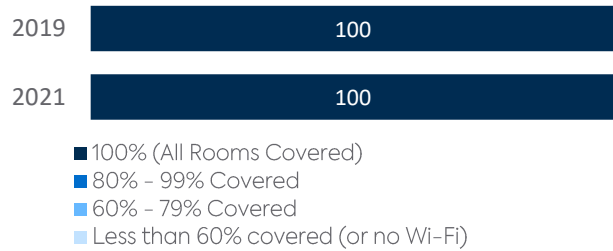
CHARTER FACTS

ENROLLMENT	439
NUMBER OF SCHOOLS	2
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	1%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	10%

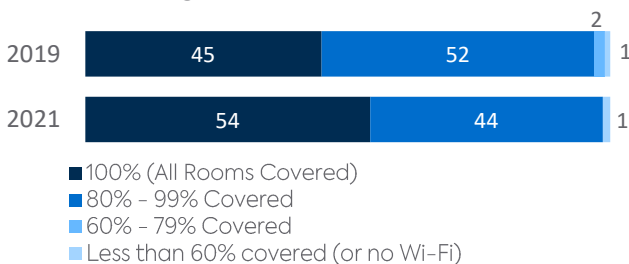
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

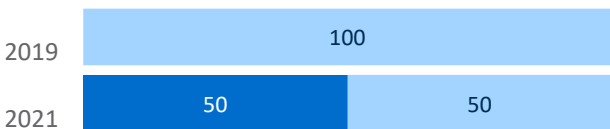


Statewide Coverage

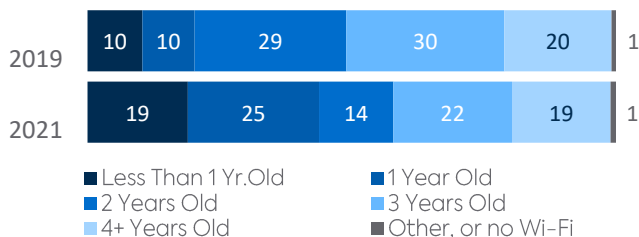


Age of Wi-Fi Access Points Reported by Schools (%)

Charter Coverage

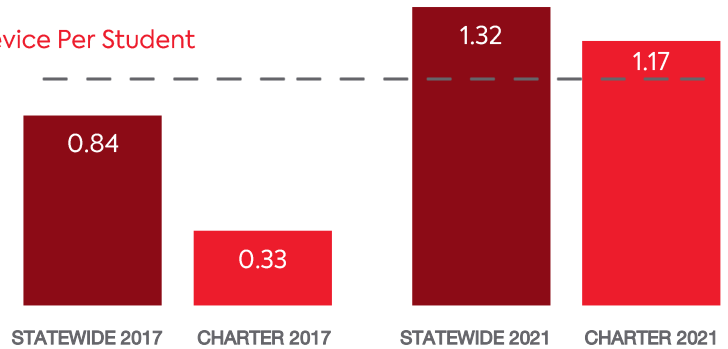


Statewide Coverage



COMPUTING DEVICES PER STUDENT

1 Device Per Student



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	24	30	-48	-47%	-30%
LAPTOPS WINDOWS OS	1	4	+3	150%	112%
DESKTOPS MAC	63	2	+65	N/A	-25%
LAPTOPS MAC	1	1	+2	N/A	3%
CHROMEBOOKS GOOGLE	424	24	+380	559%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	513	61	+402	234%	59%

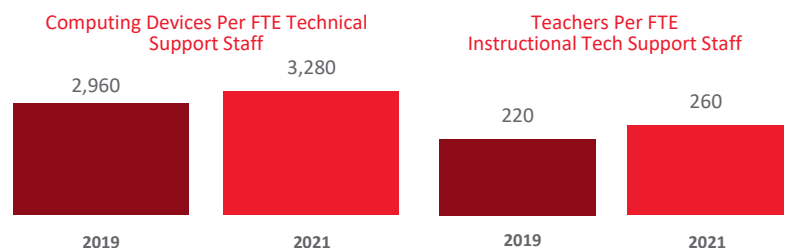
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



SUMMIT ACADEMY

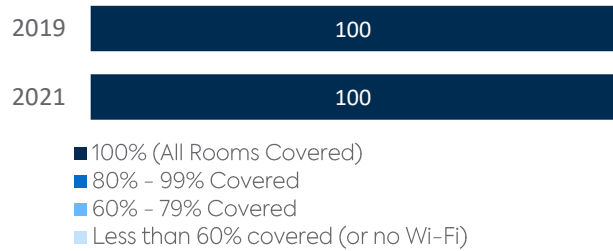
CHARTER FACTS

ENROLLMENT 2,550
 NUMBER OF SCHOOLS 5
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 1%

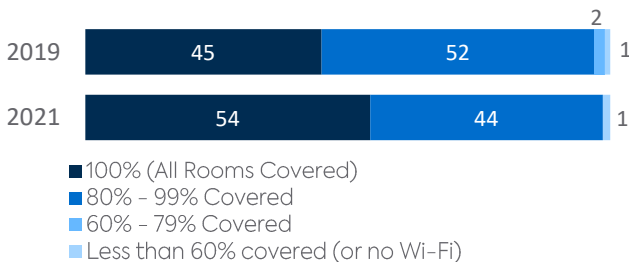
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage



Statewide Coverage

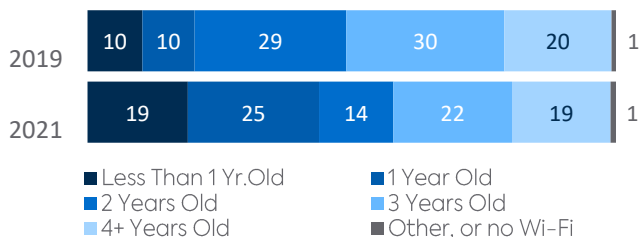


Age of Wi-Fi Access Points Reported by Schools (%)

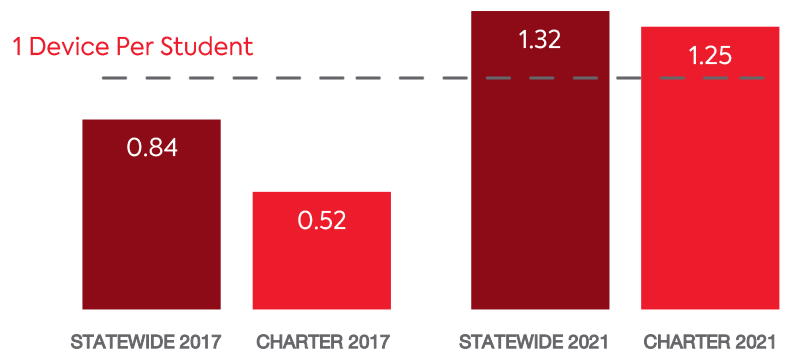
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	90	24	-131	-53%	-30%
LAPTOPS WINDOWS OS	0	198	0	0%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	2,760	0	+1,830	197%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	-20	-100%	-23%
TABLETS IOS	331	0	-123	-27%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	3,181	222	+1,556	84%	59%

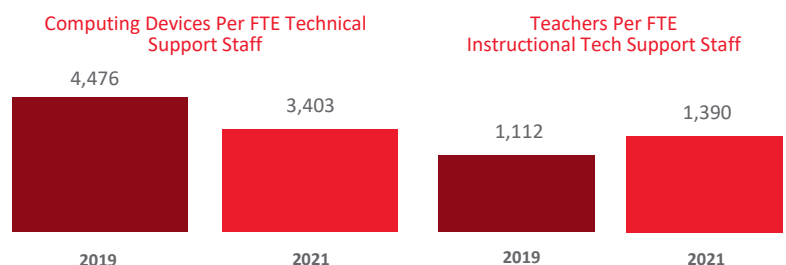
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



SYRACUSE ARTS ACADEMY (K-6)

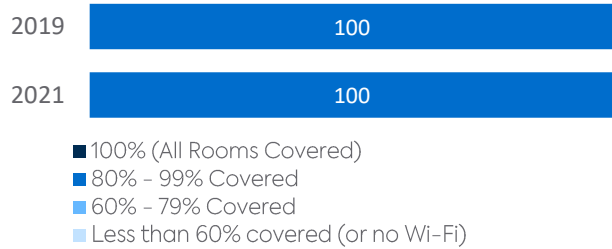
CHARTER FACTS

ENROLLMENT1,741
 NUMBER OF SCHOOLS2
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE5%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE0%

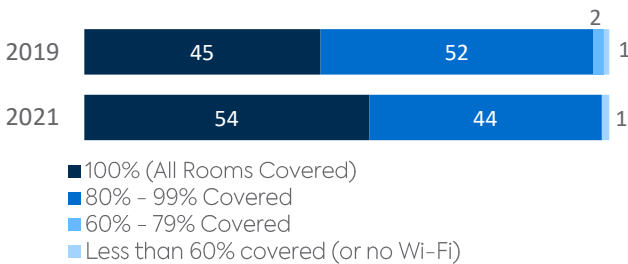
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage



Statewide Coverage

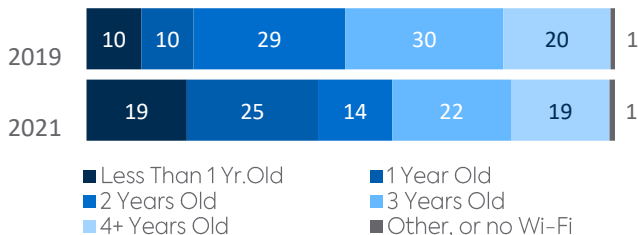


Age of Wi-Fi Access Points Reported by Schools (%)

Charter Coverage

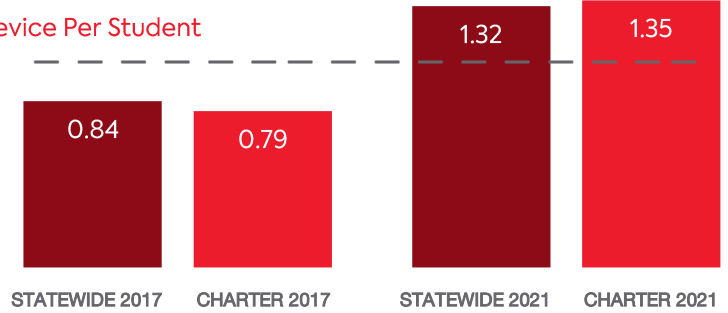


Statewide Coverage



COMPUTING DEVICES PER STUDENT

1 Device Per Student



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	0	-32	-100%	-30%
LAPTOPS WINDOWS OS	480	93	-387	-40%	112%
DESKTOPS MAC	0	0	-4	-100%	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	1,212	0	+1,212	N/A	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	652	90	+112	18%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	2,344	183	+901	55%	59%

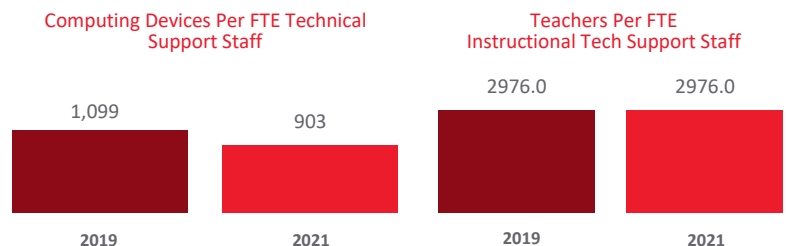
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



TERRA ACADEMY

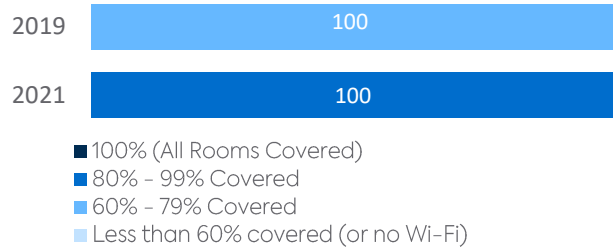
CHARTER FACTS

ENROLLMENT 631
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 10%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

WI-FI NETWORKS

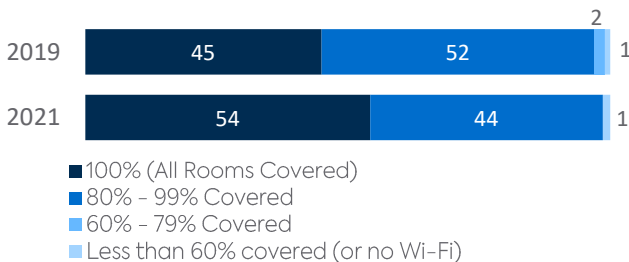
Wi-Fi Coverage Reported by Schools (%)

Charter Coverage



- 100% (All Rooms Covered)
- 80% - 99% Covered
- 60% - 79% Covered
- Less than 60% covered (or no Wi-Fi)

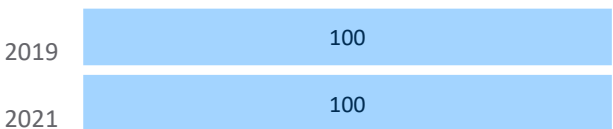
Statewide Coverage



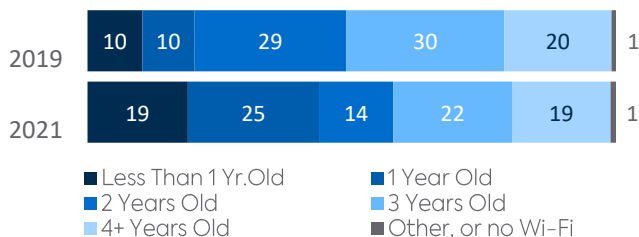
- 100% (All Rooms Covered)
- 80% - 99% Covered
- 60% - 79% Covered
- Less than 60% covered (or no Wi-Fi)

Age of Wi-Fi Access Points Reported by Schools (%)

Charter Coverage

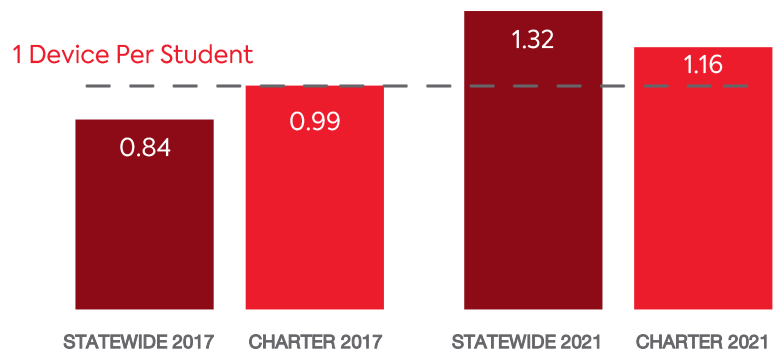


Statewide Coverage



- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	6	6	-18	-60%	-30%
LAPTOPS WINDOWS OS	0	56	+26	87%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	725	3	+107	17%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	0	2	+2	N/A	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	731	67	+117	17%	59%

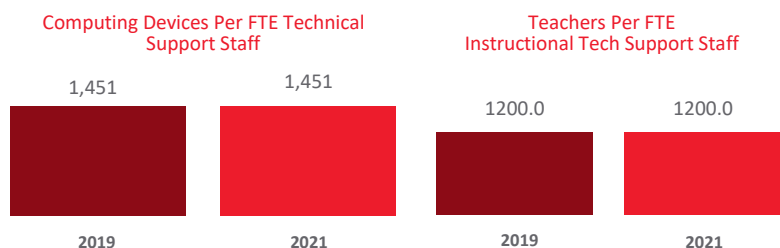
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



THE EARLY LIGHT ACADEMY AT DAYBREAK

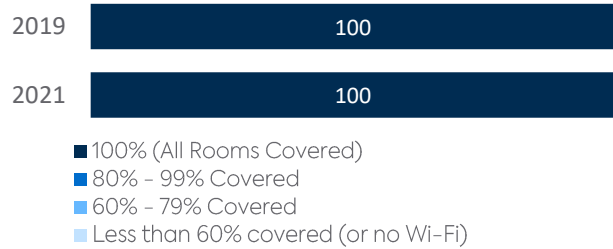
CHARTER FACTS

ENROLLMENT 945
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

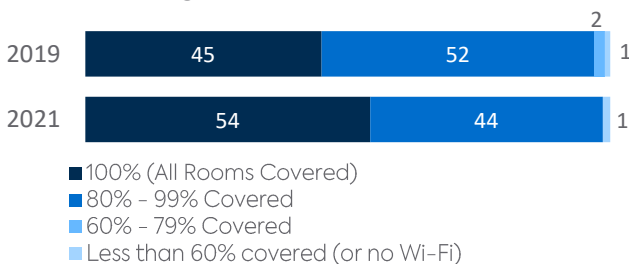
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

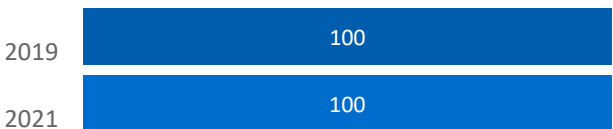


Statewide Coverage

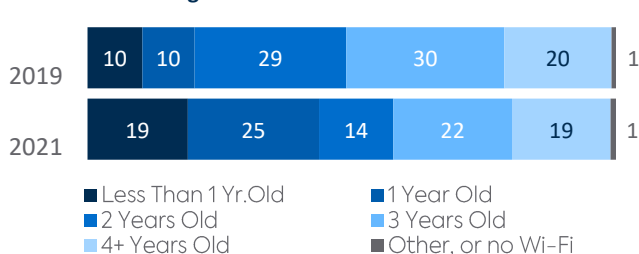


Age of Wi-Fi Access Points Reported by Schools (%)

Charter Coverage

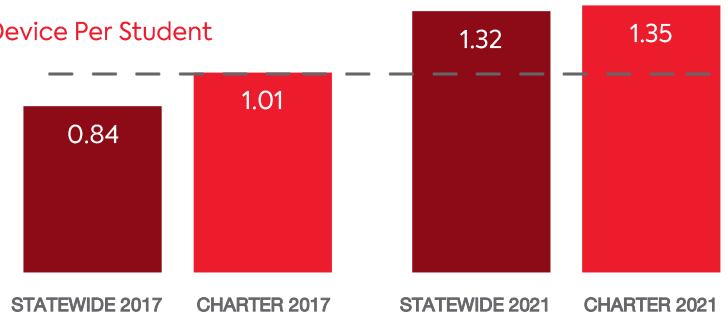


Statewide Coverage



COMPUTING DEVICES PER STUDENT

1 Device Per Student



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	20	6	+5	24%	-30%
LAPTOPS WINDOWS OS	63	3	+34	106%	112%
DESKTOPS MAC	1	4	-1	-17%	-25%
LAPTOPS MAC	15	80	-5	-5%	3%
CHROMEBOOKS GOOGLE	857	20	+242	38%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	316	56	+22	6%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	1,272	169	+297	26%	59%

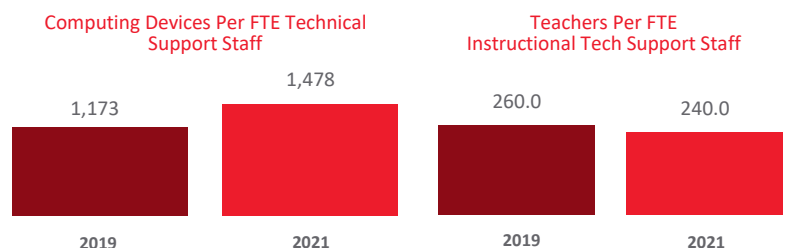
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



THE RANCHES ACADEMY

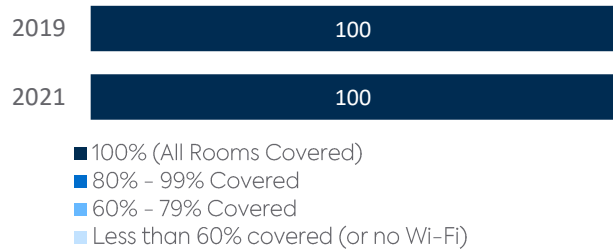
CHARTER FACTS

ENROLLMENT	370
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	1%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

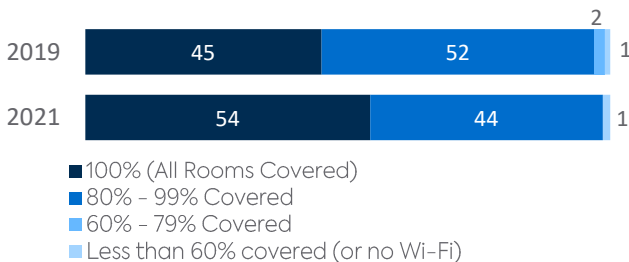
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage



Statewide Coverage

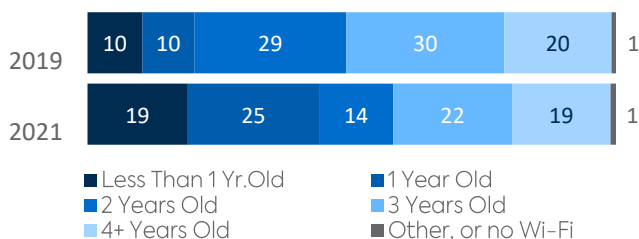


Age of Wi-Fi Access Points Reported by Schools (%)

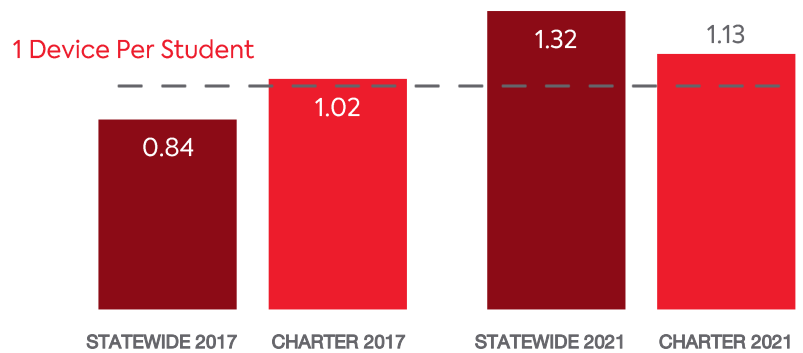
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	31	0	+31	N/A	-30%
LAPTOPS WINDOWS OS	2	3	+3	150%	112%
DESKTOPS MAC	0	20	-8	-29%	-25%
LAPTOPS MAC	0	5	+2	67%	3%
CHROMEBOOKS GOOGLE	265	3	-21	-7%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	2	+1	100%	-23%
TABLETS IOS	120	17	+67	96%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	418	50	+75	19%	59%

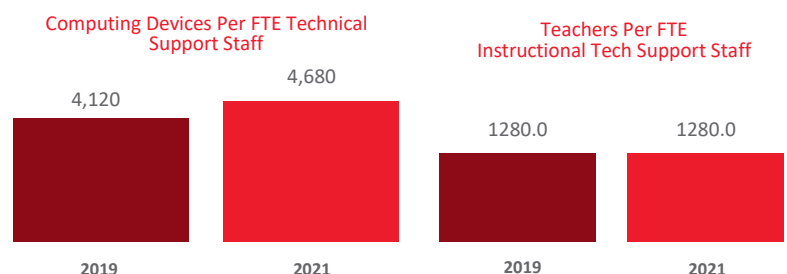
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



THOMAS EDISON CHARTER SCHOOL

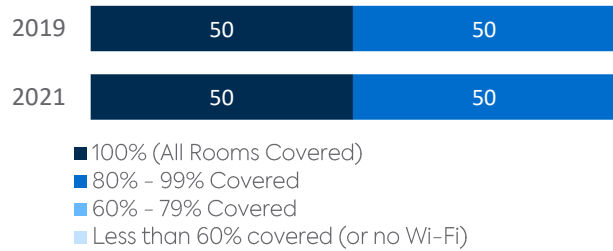
CHARTER FACTS

ENROLLMENT	1,206
NUMBER OF SCHOOLS	2
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	1%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

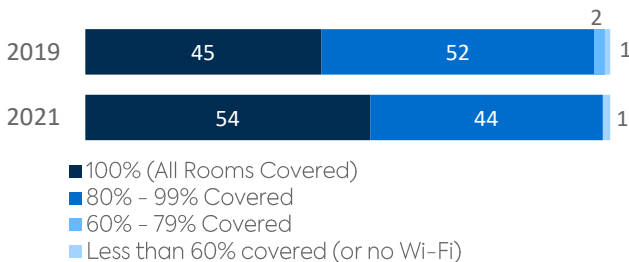
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

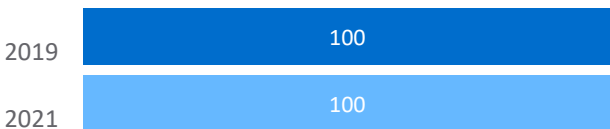


Statewide Coverage

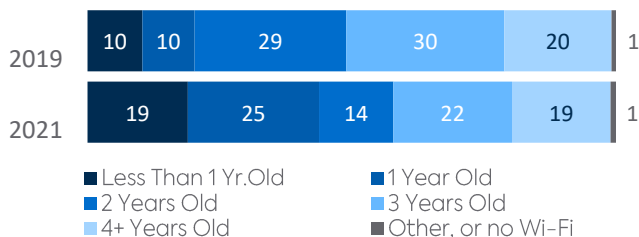


Age of Wi-Fi Access Points Reported by Schools (%)

Charter Coverage

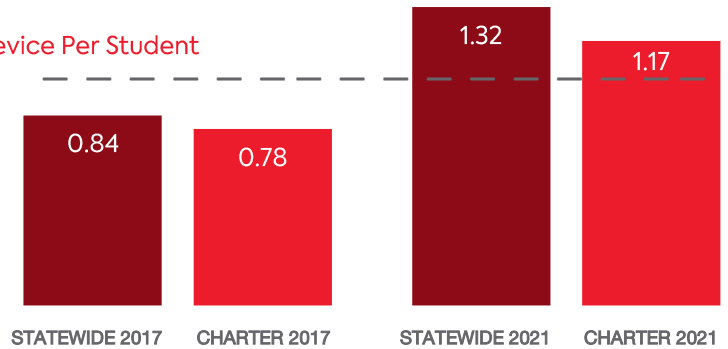


Statewide Coverage



COMPUTING DEVICES PER STUDENT

1 Device Per Student



COMPUTING DEVICES USED IN SCHOOLS

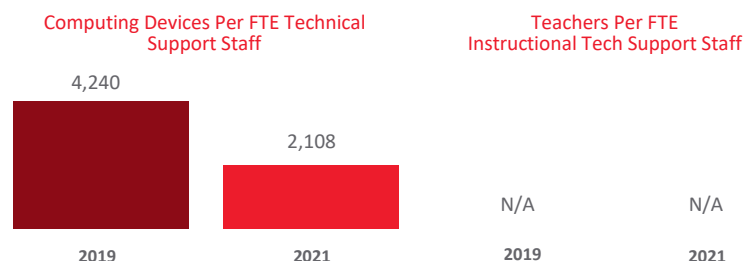
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	136	70	+7	4%	-30%
LAPTOPS WINDOWS OS	10	45	-30	-35%	112%
DESKTOPS MAC	0	1	0	0%	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	1,200	0	-300	-20%	126%
TABLETS WINDOWS	0	1	-59	-98%	86%
TABLETS ANDROID	60	41	+100	10000%	-23%
TABLETS IOS	10	7	+4	31%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	1,416	165	-278	-15%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



TIMPANOGOS ACADEMY

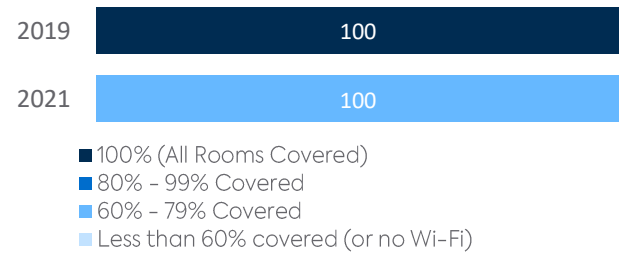
CHARTER FACTS

ENROLLMENT..... 520
 NUMBER OF SCHOOLS.....1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....0%

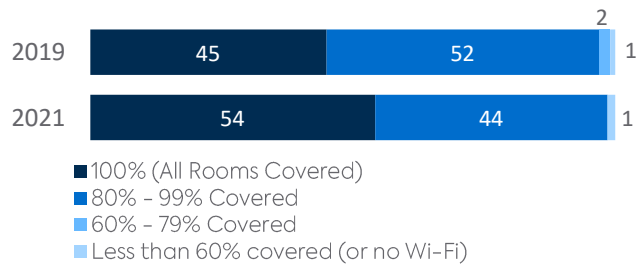
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

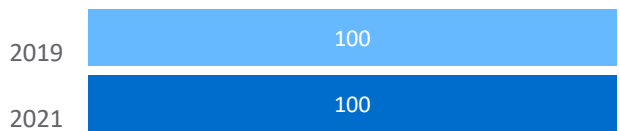


Statewide Coverage

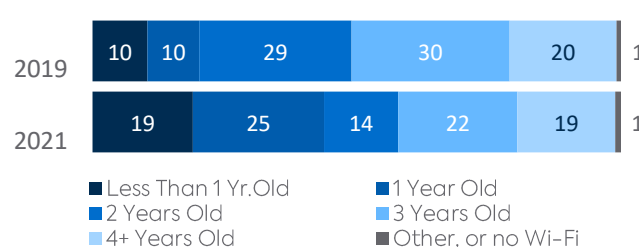


Age of Wi-Fi Access Points Reported by Schools (%)

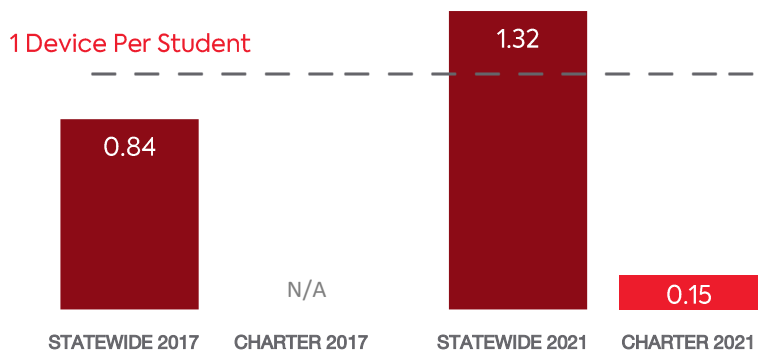
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	30	2	+32	N/A	-30%
LAPTOPS WINDOWS OS	30	45	+75	N/A	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	20	0	+20	N/A	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	80	47	+127	N/A	59%

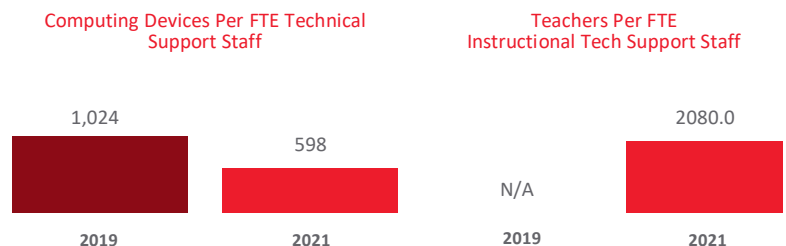
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



TREESIDE CHARTER SCHOOL

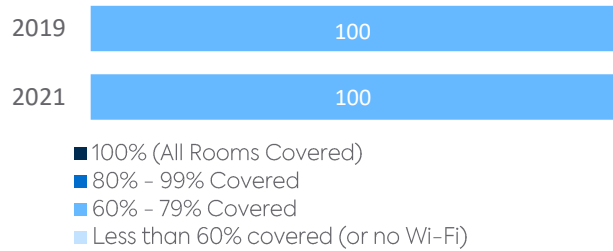
CHARTER FACTS

ENROLLMENT	405
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	10%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

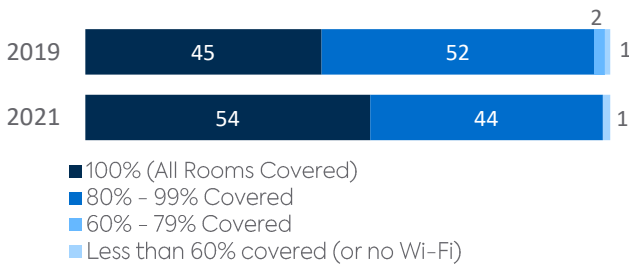
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

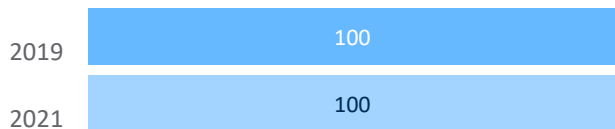


Statewide Coverage

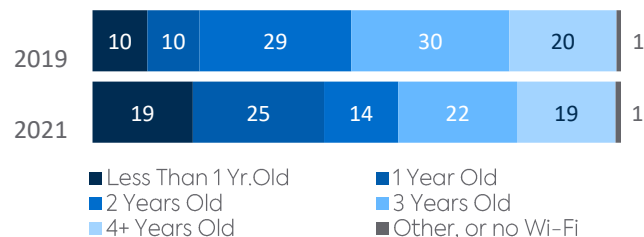


Age of Wi-Fi Access Points Reported by Schools (%)

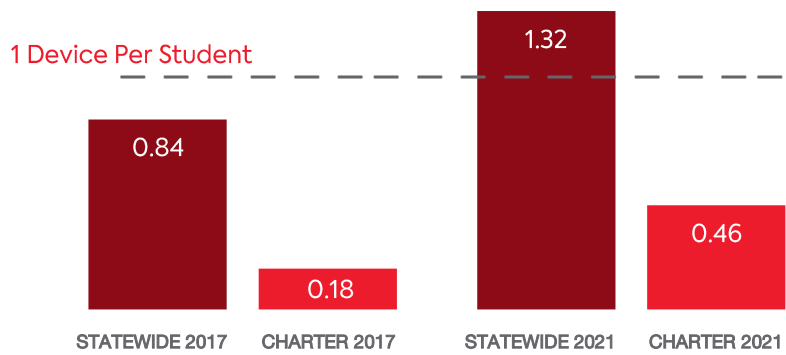
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

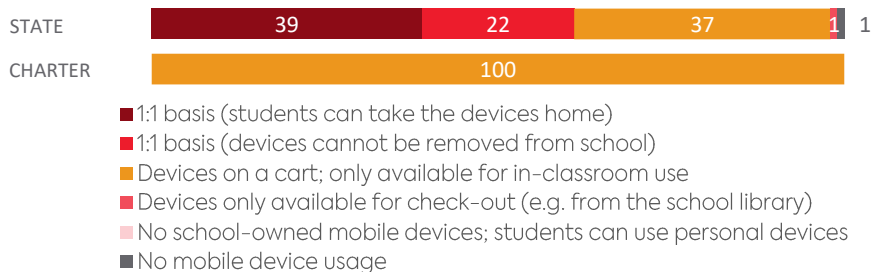


COMPUTING DEVICES USED IN SCHOOLS

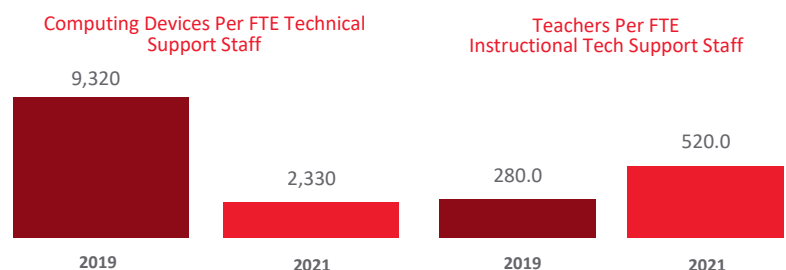
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	1	-21	-95%	-30%
LAPTOPS WINDOWS OS	0	33	+32	3200%	112%
DESKTOPS MAC	0	1	0	0%	-25%
LAPTOPS MAC	0	1	+1	N/A	3%
CHROMEBOOKS GOOGLE	180	0	+105	140%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	5	12	+12	240%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	185	48	+129	124%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



UINTAH RIVER HIGH SCHOOL

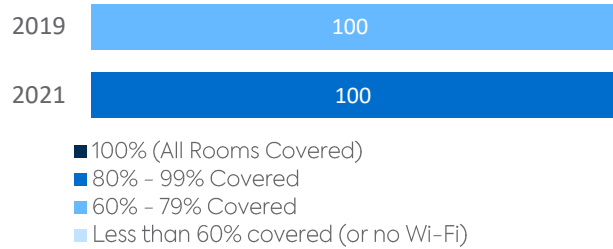
CHARTER FACTS

ENROLLMENT 72
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 60%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 60%

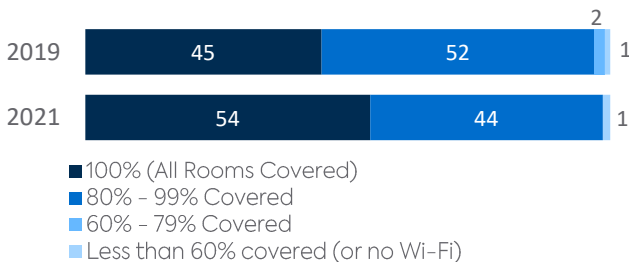
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

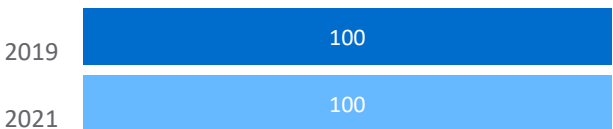


Statewide Coverage

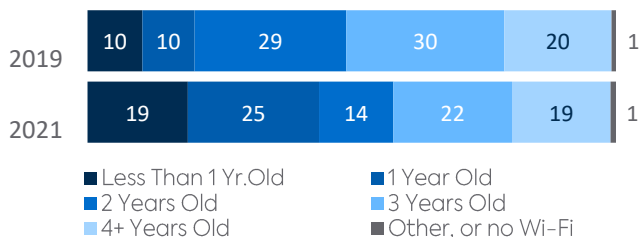


Age of Wi-Fi Access Points Reported by Schools (%)

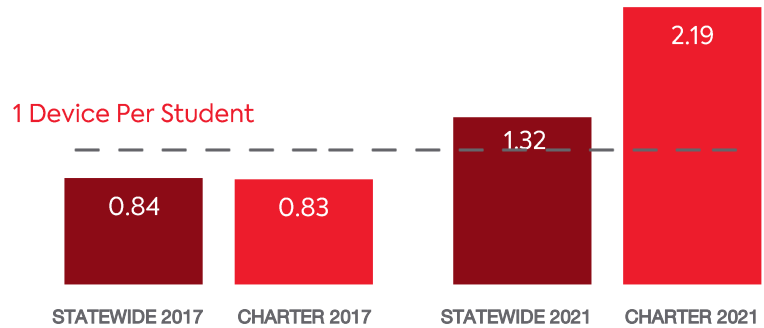
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

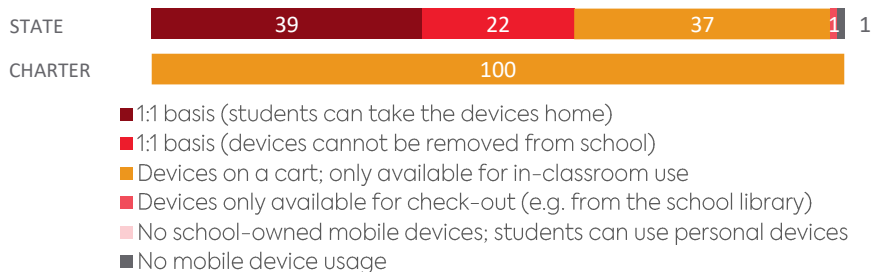


COMPUTING DEVICES USED IN SCHOOLS

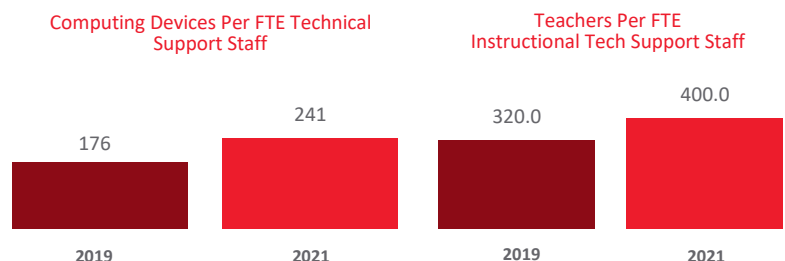
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	18	17	-2	-5%	-30%
LAPTOPS WINDOWS OS	0	11	+6	120%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	92	0	+72	360%	126%
TABLETS WINDOWS	48	0	+48	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	0	0	-15	-100%	21%
OTHER DEVICES	0	7	+7	N/A	-88%
ALL COMPUTING DEVICES	158	35	+116	151%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



UTAH ARTS ACADEMY

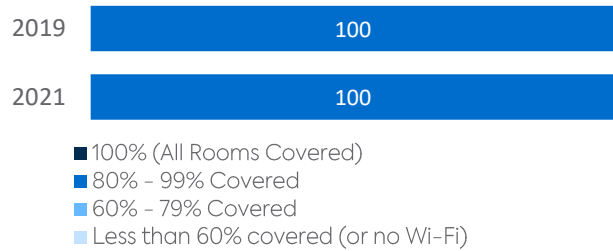
CHARTER FACTS

ENROLLMENT	281
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	5%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

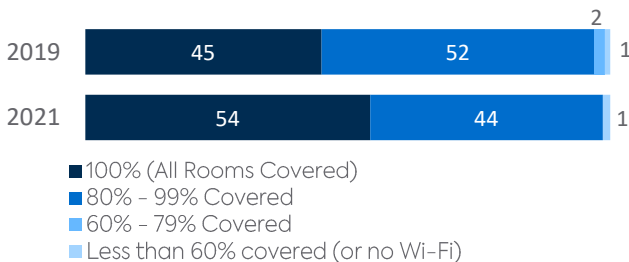
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

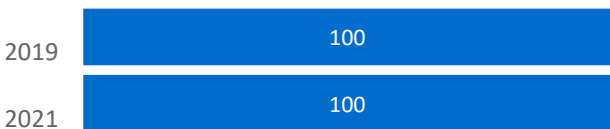


Statewide Coverage

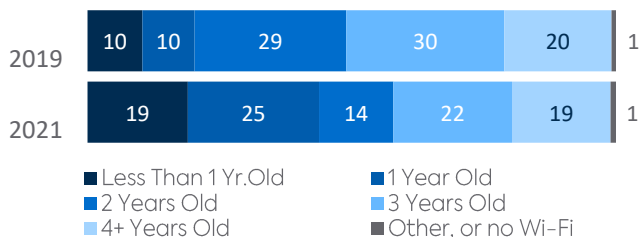


Age of Wi-Fi Access Points Reported by Schools (%)

Charter Coverage

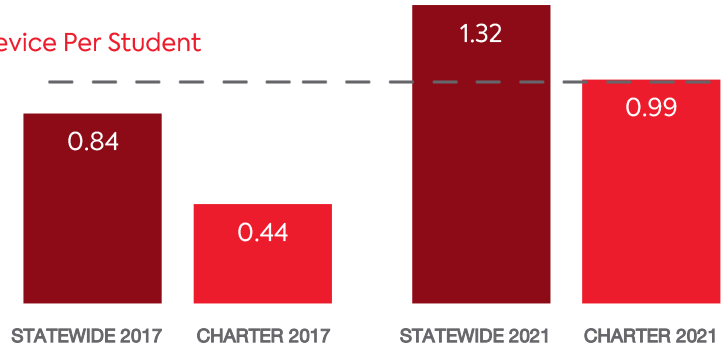


Statewide Coverage



COMPUTING DEVICES PER STUDENT

1 Device Per Student



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	1	-66	-99%	-30%
LAPTOPS WINDOWS OS	0	2	-36	-95%	112%
DESKTOPS MAC	11	0	+9	450%	-25%
LAPTOPS MAC	60	20	+68	567%	3%
CHROMEBOOKS GOOGLE	200	1	+119	145%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	8	1	-21	-70%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	279	25	+73	32%	59%

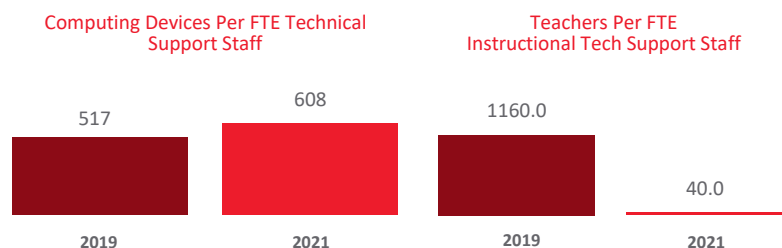
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



UTAH CAREER PATH HIGH

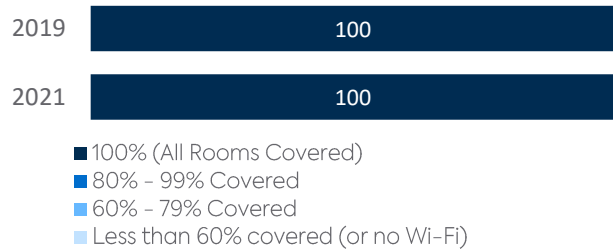
CHARTER FACTS

ENROLLMENT	175
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

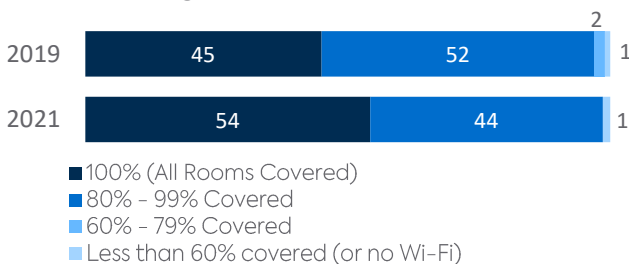
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

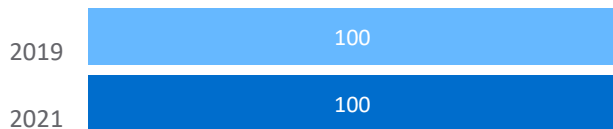


Statewide Coverage

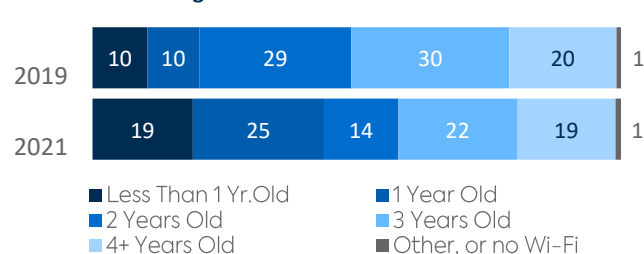


Age of Wi-Fi Access Points Reported by Schools (%)

Charter Coverage

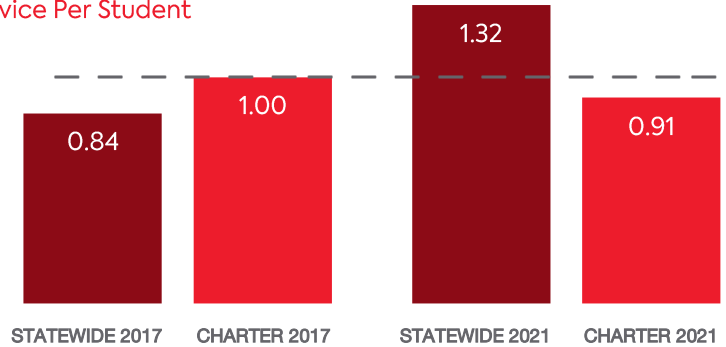


Statewide Coverage



COMPUTING DEVICES PER STUDENT

1 Device Per Student



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	0	0	N/A	-30%
LAPTOPS WINDOWS OS	0	0	-1	-100%	112%
DESKTOPS MAC	0	1	-1	-50%	-25%
LAPTOPS MAC	0	24	-171	-88%	3%
CHROMEBOOKS GOOGLE	160	0	+160	N/A	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	160	25	-13	-7%	59%

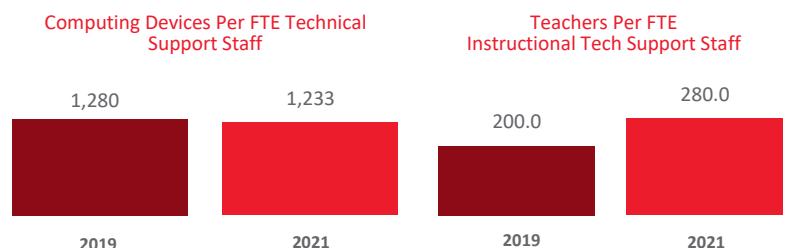
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



UTAH COUNTY ACADEMY OF SCIENCES (UCAS)

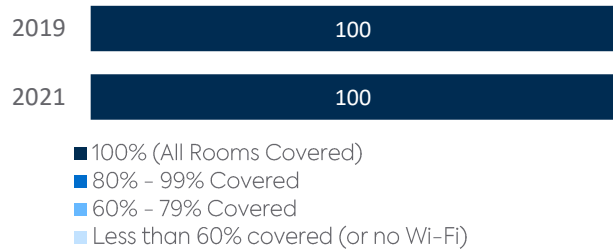
CHARTER FACTS

ENROLLMENT 607
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 5%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

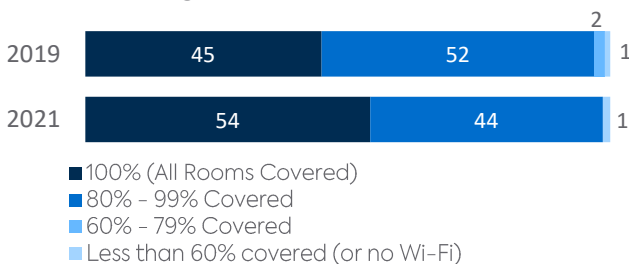
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

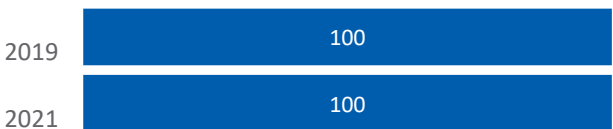


Statewide Coverage

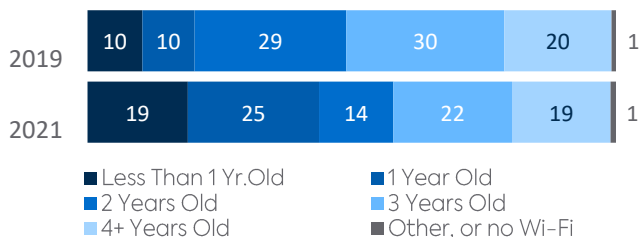


Age of Wi-Fi Access Points Reported by Schools (%)

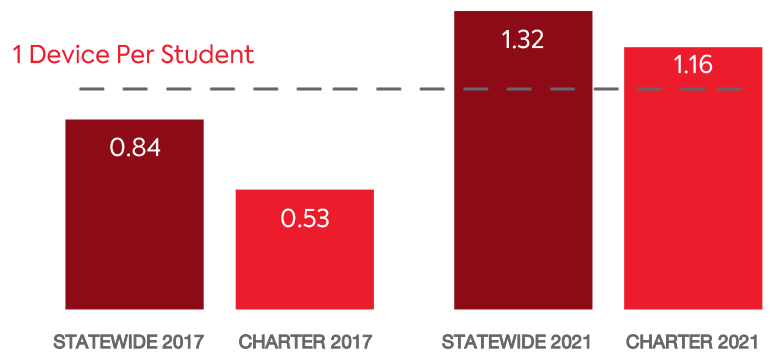
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

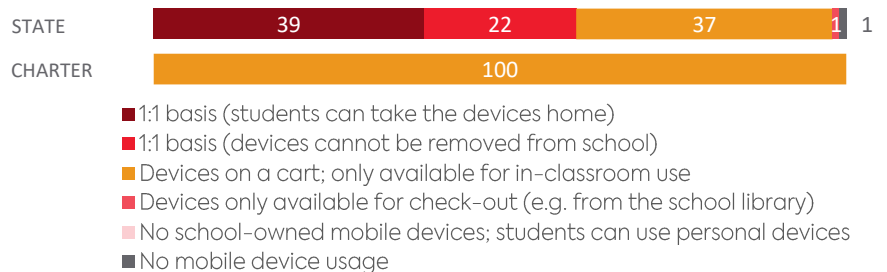


COMPUTING DEVICES USED IN SCHOOLS

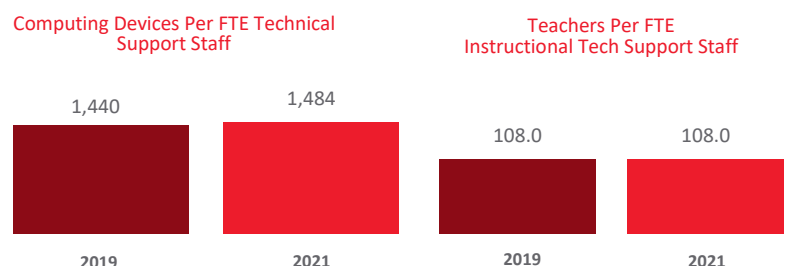
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	90	27	+42	56%	-30%
LAPTOPS WINDOWS OS	10	10	+20	N/A	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	2	3	+5	N/A	3%
CHROMEBOOKS GOOGLE	600	0	+450	300%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	702	40	+517	230%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



UTAH INTERNATIONAL CHARTER SCHOOL

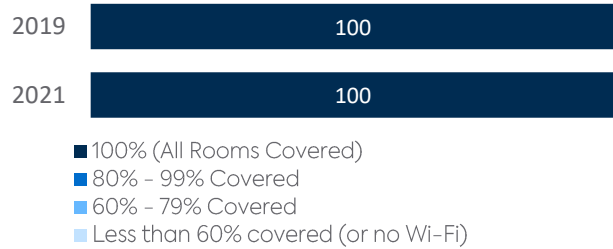
CHARTER FACTS

ENROLLMENT	191
NUMBER OF SCHOOLS	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

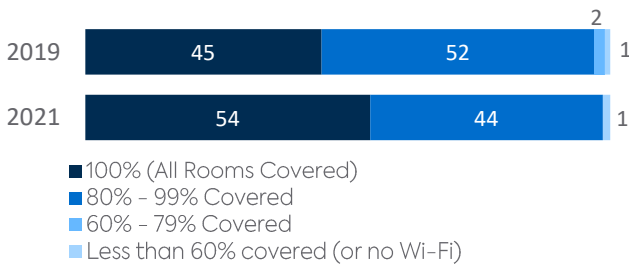
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

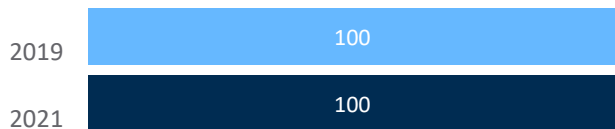


Statewide Coverage

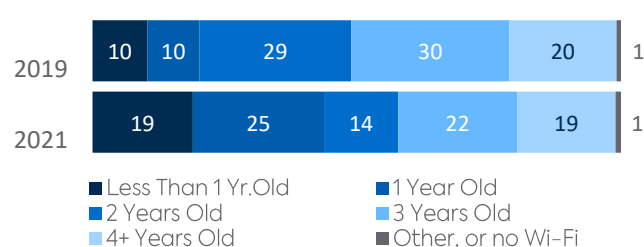


Age of Wi-Fi Access Points Reported by Schools (%)

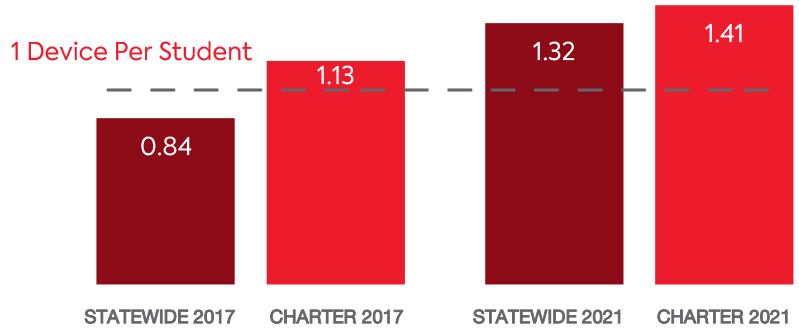
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/ Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	0	0	N/A	-30%
LAPTOPS WINDOWS OS	20	0	-10	-33%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	21	+1	5%	3%
CHROMEBOOKS GOOGLE	250	0	0	0%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	0	5	+5	N/A	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	270	26	-4	-1%	59%

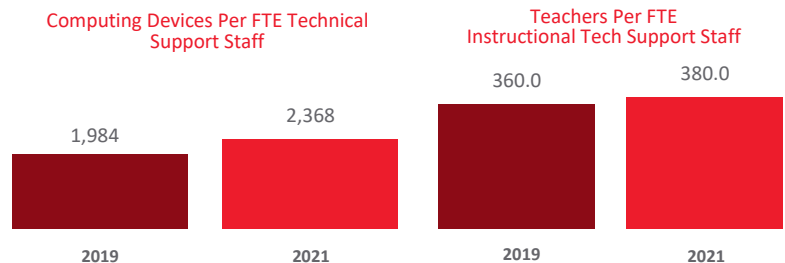
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



UTAH MILITARY ACADEMY

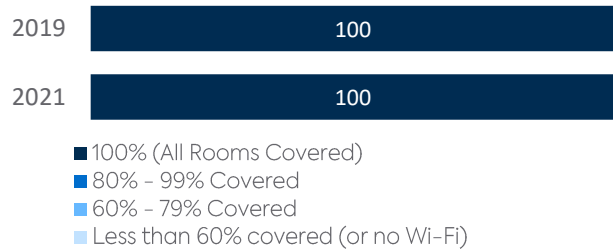
CHARTER FACTS

ENROLLMENT	952
NUMBER OF SCHOOLS	2
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE	17.8%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE	0%

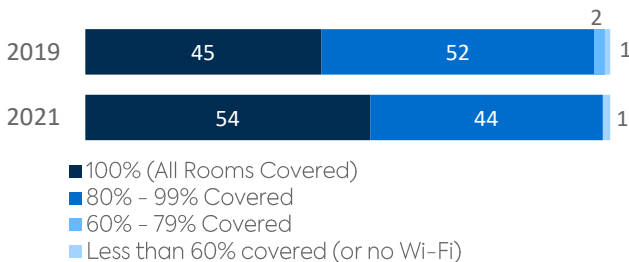
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

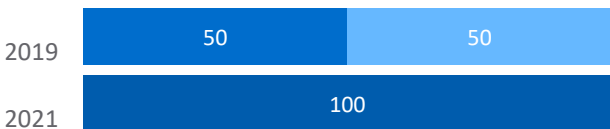


Statewide Coverage

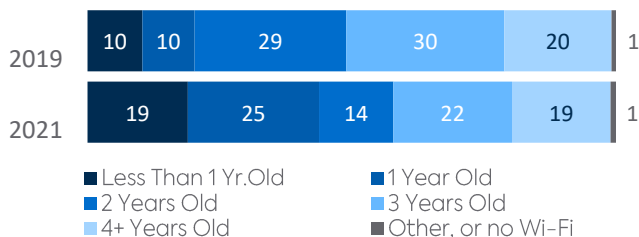


Age of Wi-Fi Access Points Reported by Schools (%)

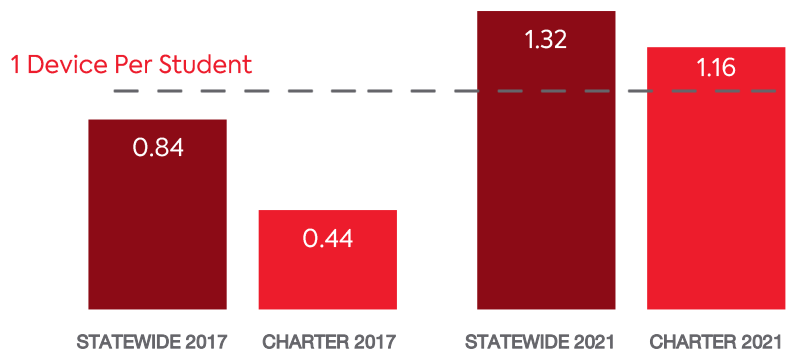
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	90	10	-9	-8%	-30%
LAPTOPS WINDOWS OS	50	82	+44	50%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	960	0	+720	300%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	1,100	92	+755	173%	59%

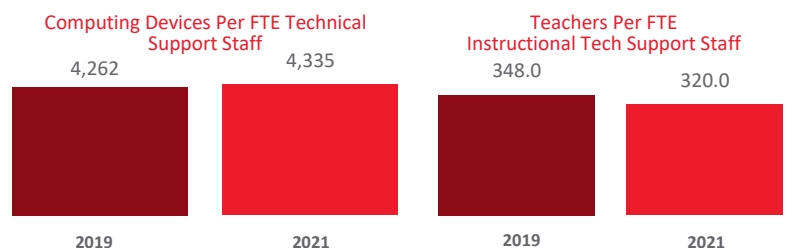
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



VALLEY ACADEMY

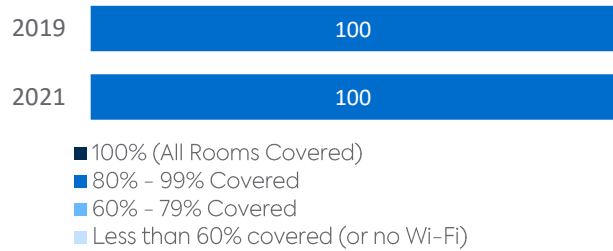
CHARTER FACTS

ENROLLMENT 446
 NUMBER OF SCHOOLS 1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 10%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE 0%

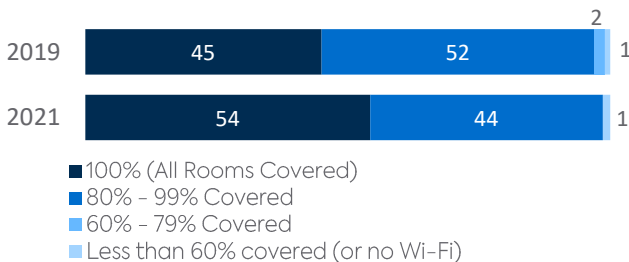
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

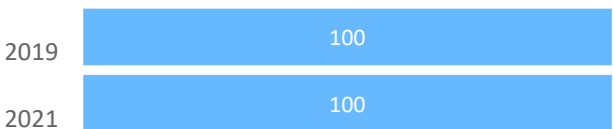


Statewide Coverage

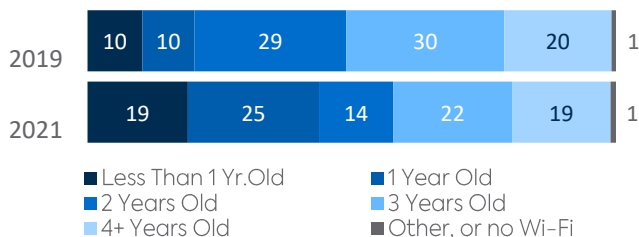


Age of Wi-Fi Access Points Reported by Schools (%)

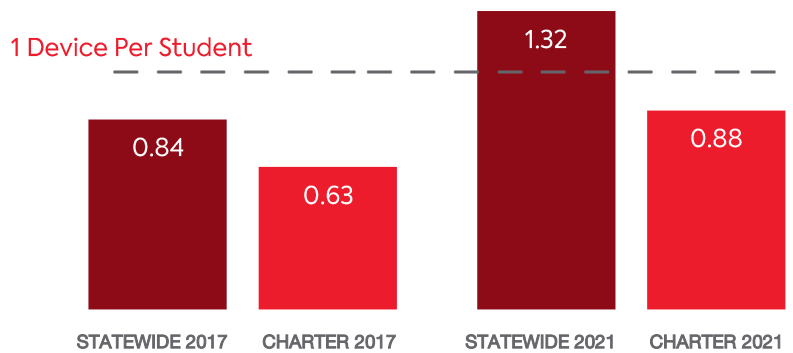
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/ Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	35	+35	N/A	-30%
LAPTOPS WINDOWS OS	5	10	+10	200%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	4	+4	N/A	3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	126%
TABLETS WINDOWS	23	160	0	0%	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	15	0	+15	N/A	21%
OTHER DEVICES	350	0	+158	82%	-88%
ALL COMPUTING DEVICES	393	209	+222	58%	59%

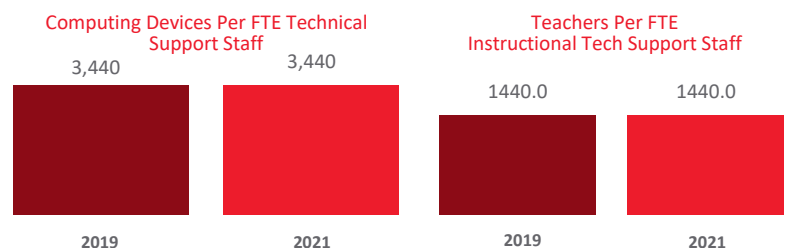
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



VANGUARD ACADEMY (7-12)

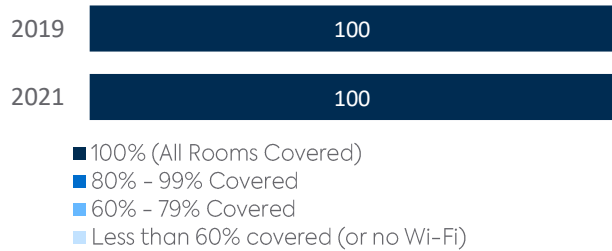
CHARTER FACTS

ENROLLMENT..... 507
 NUMBER OF SCHOOLS.....1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE2.8%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....0%

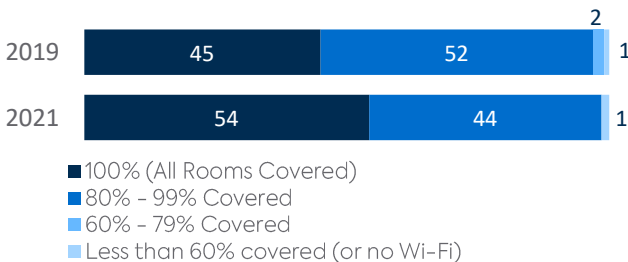
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

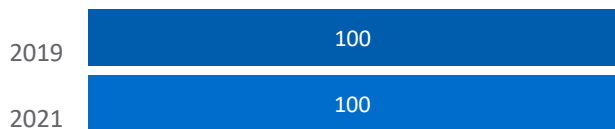


Statewide Coverage

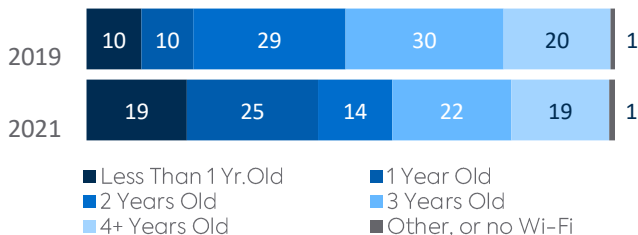


Age of Wi-Fi Access Points Reported by Schools (%)

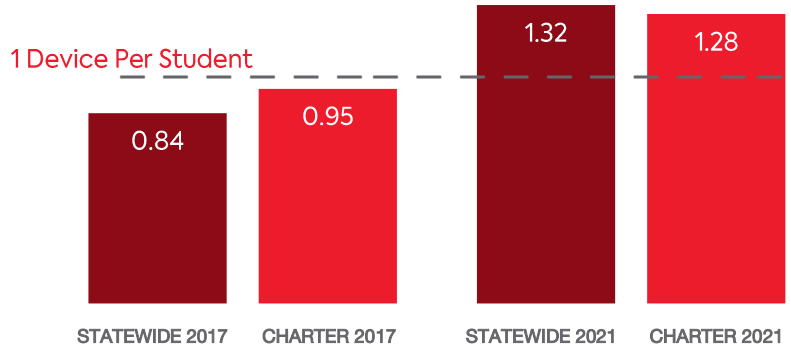
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	90	8	+30	44%	-30%
LAPTOPS WINDOWS OS	60	42	+34	50%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	2	-30	-94%	3%
CHROMEBOOKS GOOGLE	500	0	+200	67%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	0	3	+3	N/A	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	650	55	+237	51%	59%

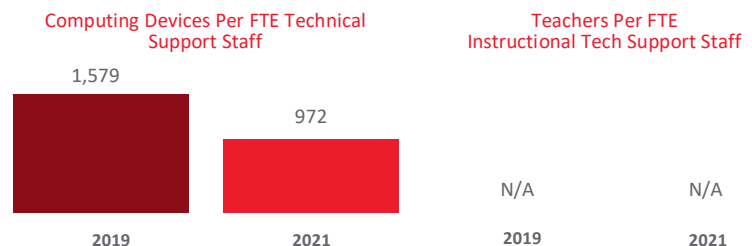
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



VENTURE ACADEMY

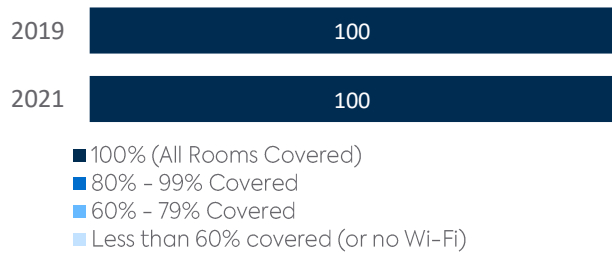
CHARTER FACTS

ENROLLMENT..... 752
 NUMBER OF SCHOOLS..... 2
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 5.7%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE..... 1%

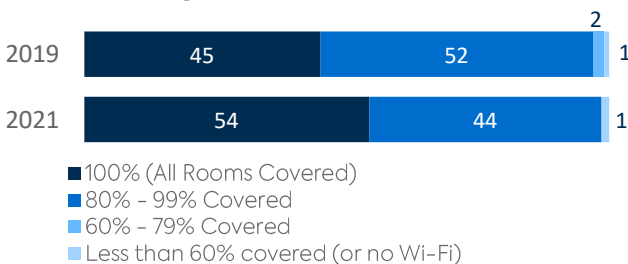
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage



Statewide Coverage

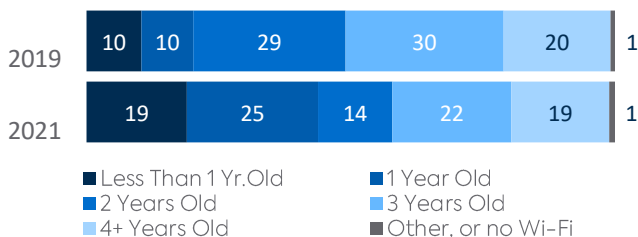


Age of Wi-Fi Access Points Reported by Schools (%)

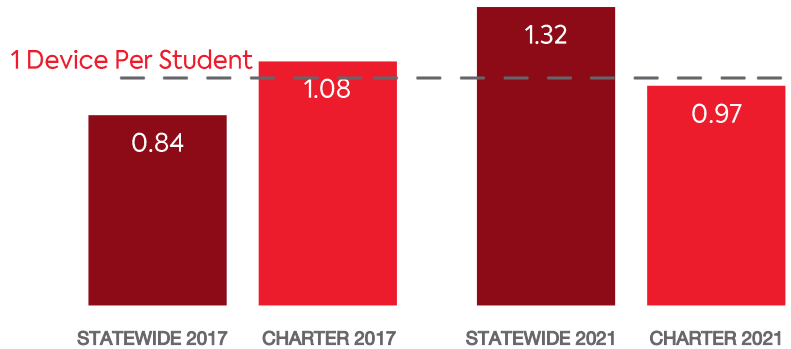
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/ Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	58	55	-35	-24%	-30%
LAPTOPS WINDOWS OS	0	3	-25	-89%	112%
DESKTOPS MAC	0	1	+1	N/A	-25%
LAPTOPS MAC	0	0	-6	-100%	3%
CHROMEBOOKS GOOGLE	675	13	+365	113%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	0	6	+6	N/A	21%
OTHER DEVICES	0	0	-400	-100%	-88%
ALL COMPUTING DEVICES	733	78	-94	-10%	59%

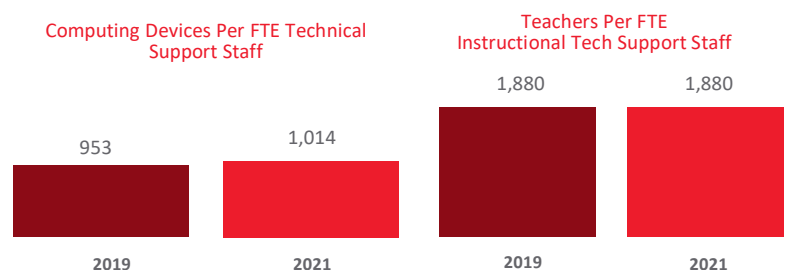
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



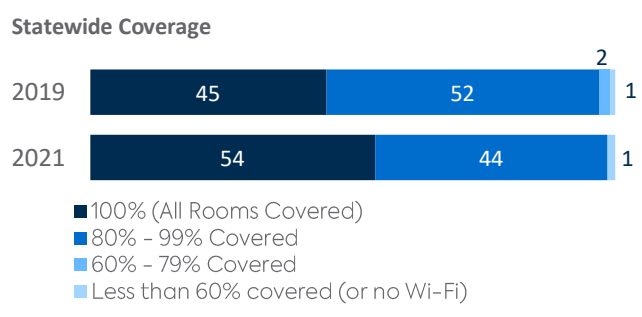
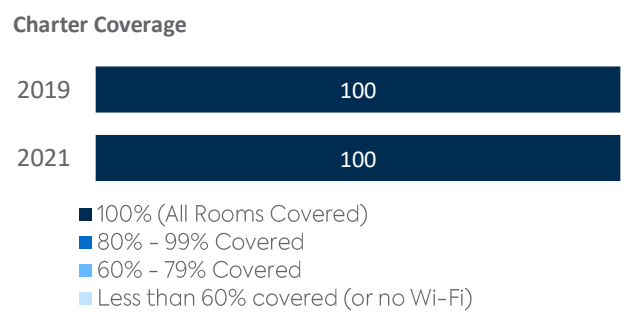
VISTA AT ENTRADA SCHOOL OF PERFORMING ARTS & TECHNOLOGY

CHARTER FACTS

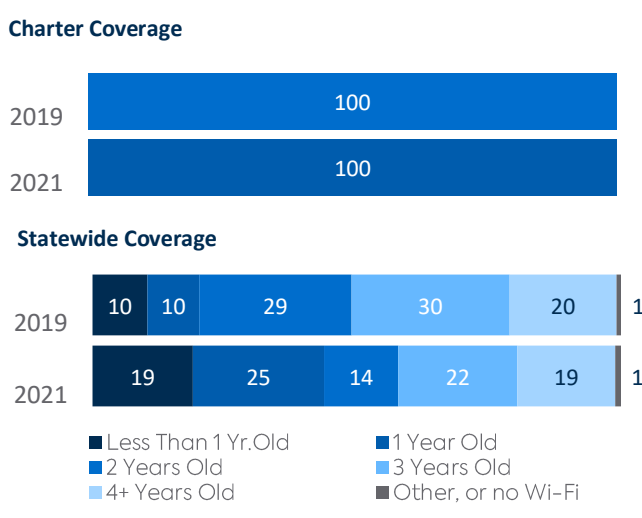
ENROLLMENT.....1,099
 NUMBER OF SCHOOLS.....1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE1%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....0%

WI-FI NETWORKS

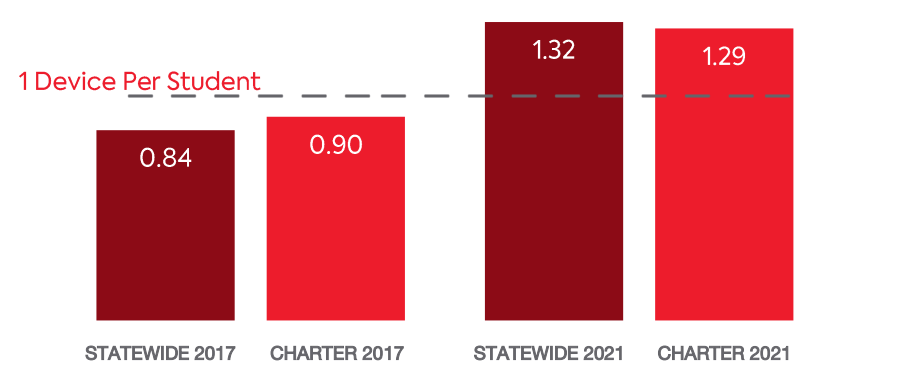
Wi-Fi Coverage Reported by Schools (%)



Age of Wi-Fi Access Points Reported by Schools (%)



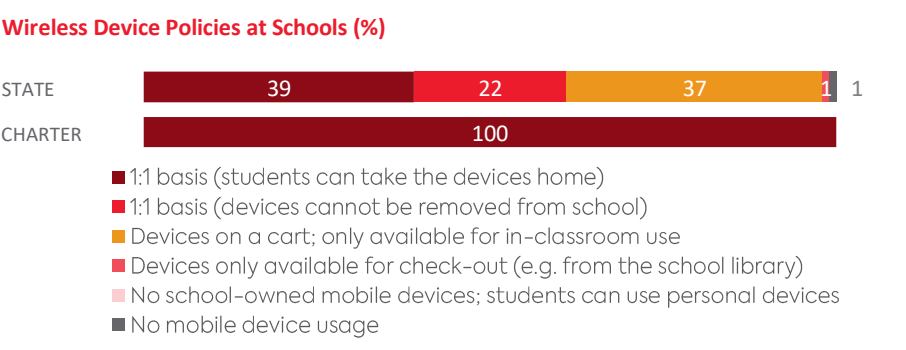
COMPUTING DEVICES PER STUDENT



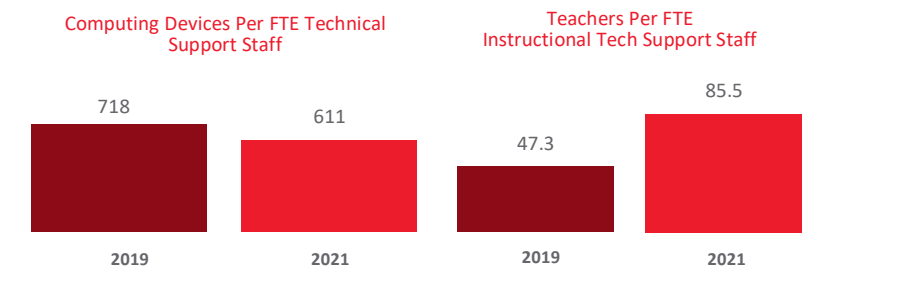
COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	30	4	+32	1600%	-30%
LAPTOPS WINDOWS OS	0	5	+5	N/A	112%
DESKTOPS MAC	60	9	0	0%	-25%
LAPTOPS MAC	30	80	+11	11%	3%
CHROMEBOOKS GOOGLE	1,200	20	+582	91%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	90	20	+21	24%	21%
OTHER DEVICES	10	0	0	N/A	-88%
ALL COMPUTING DEVICES	1,420	138	+661	74%	59%

MOBILE DEPLOYMENT



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



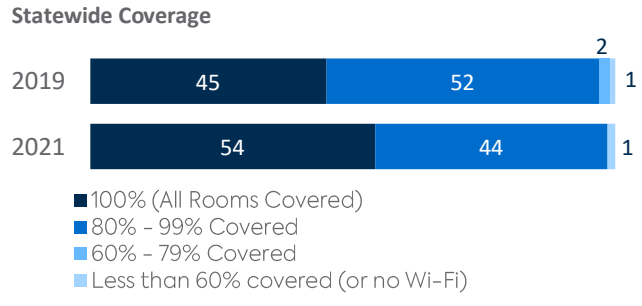
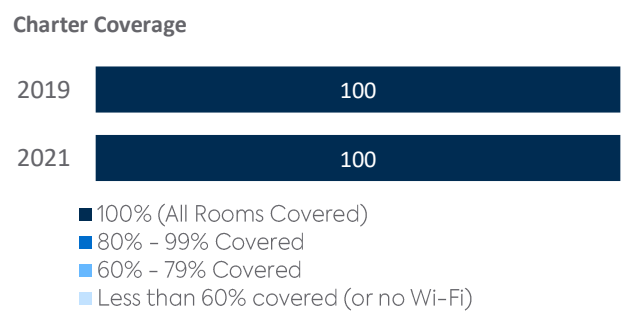
VOYAGE ACADEMY

CHARTER FACTS

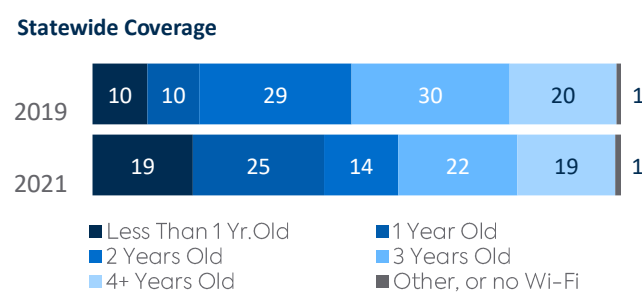
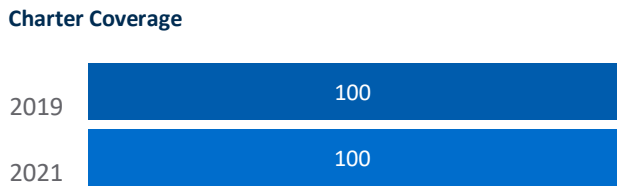
ENROLLMENT..... 529
 NUMBER OF SCHOOLS.....1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE..... 100%

WI-FI NETWORKS

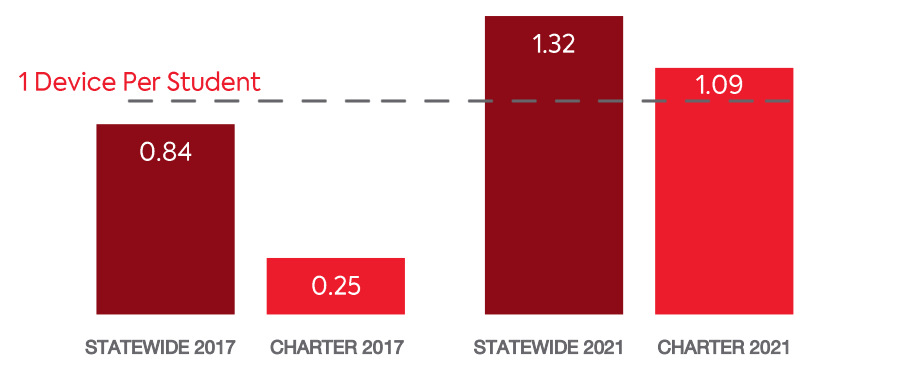
Wi-Fi Coverage Reported by Schools (%)



Age of Wi-Fi Access Points Reported by Schools (%)



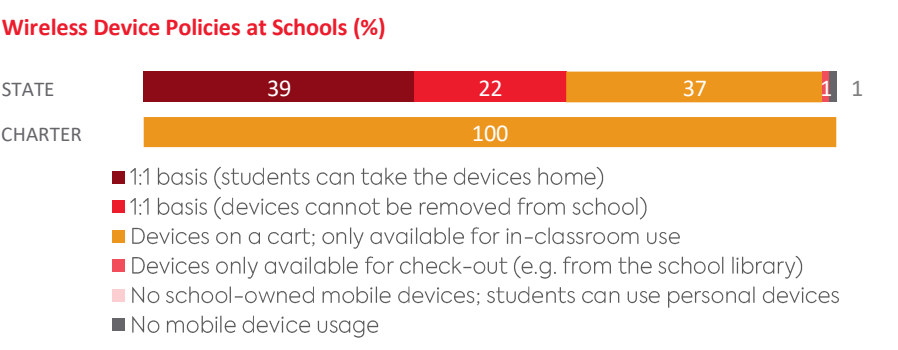
COMPUTING DEVICES PER STUDENT



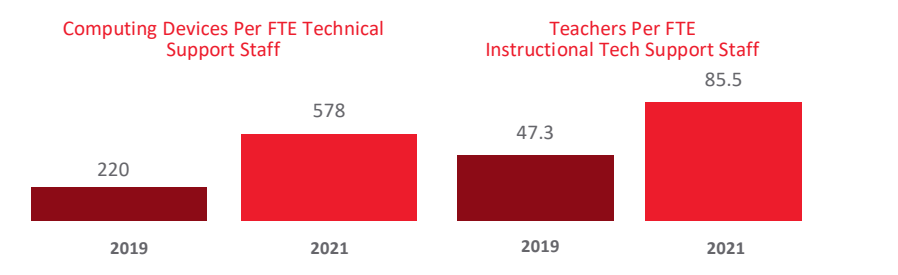
COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	35	7	-8	-16%	-30%
LAPTOPS WINDOWS OS	77	50	+47	59%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	395	0	+395	N/A	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	-15	-100%	-23%
TABLETS IOS	62	45	+92	613%	21%
OTHER DEVICES	8	0	0	N/A	-88%
ALL COMPUTING DEVICES	577	102	+519	324%	59%

MOBILE DEPLOYMENT



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



WALDEN SCHOOL OF LIBERAL ARTS

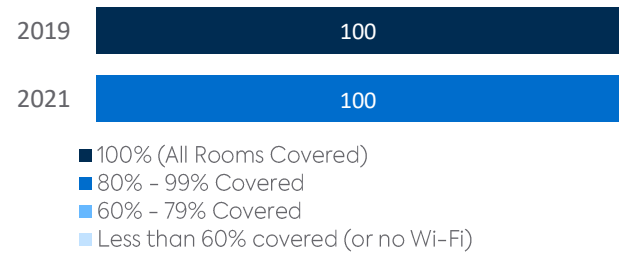
CHARTER FACTS

ENROLLMENT..... 448
 NUMBER OF SCHOOLS.....1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 6%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....15%

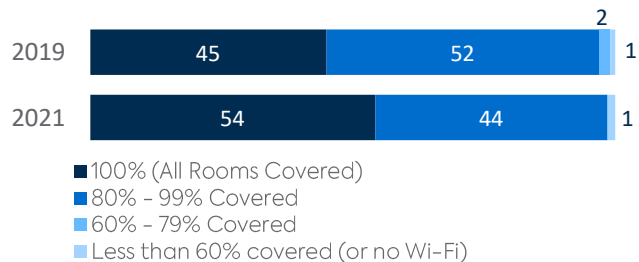
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage



Statewide Coverage

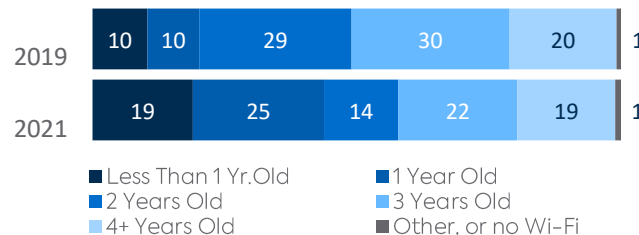


Age of Wi-Fi Access Points Reported by Schools (%)

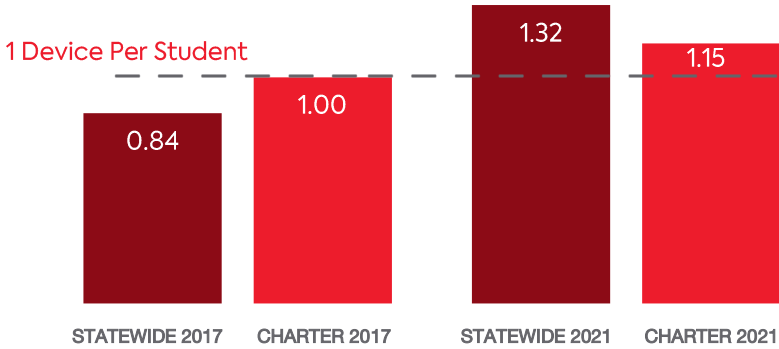
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

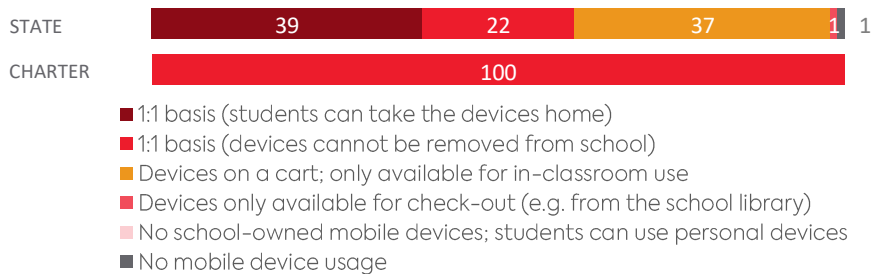


COMPUTING DEVICES USED IN SCHOOLS

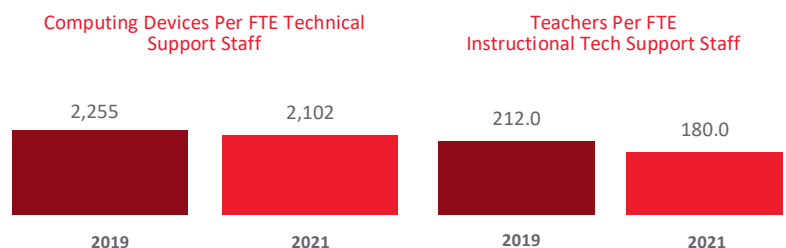
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	1	+1	N/A	-30%
LAPTOPS WINDOWS OS	0	4	+3	300%	112%
DESKTOPS MAC	0	1	+1	N/A	-25%
LAPTOPS MAC	0	40	+13	48%	3%
CHROMEBOOKS GOOGLE	475	15	+490	N/A	126%
TABLETS WINDOWS	0	0	-25	-100%	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	15	2	-13	-43%	21%
OTHER DEVICES	25	0	-375	-94%	-88%
ALL COMPUTING DEVICES	515	63	+95	20%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



WALLACE STEGNER ACADEMY

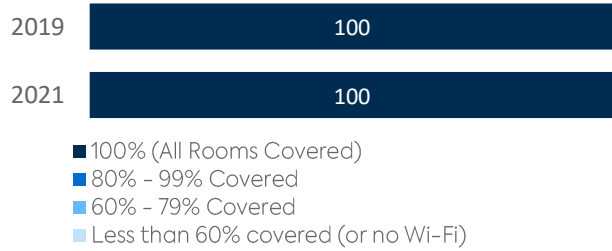
CHARTER FACTS

ENROLLMENT.....1,255
 NUMBER OF SCHOOLS.....1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE20%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....0%

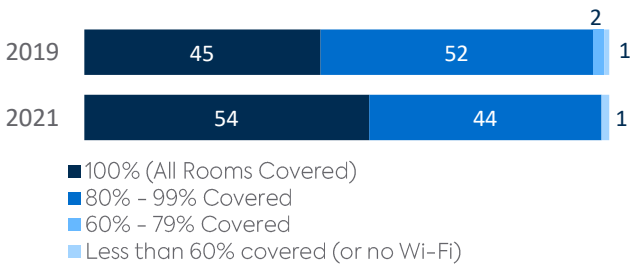
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

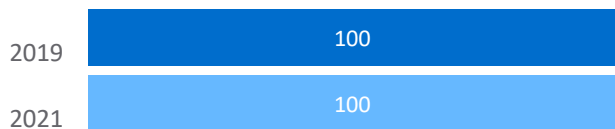


Statewide Coverage

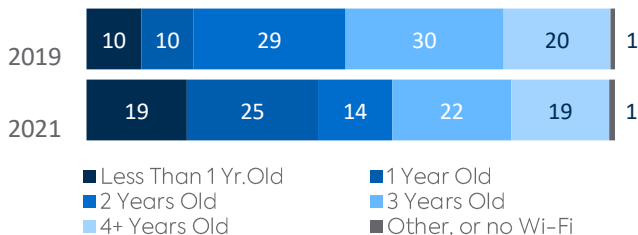


Age of Wi-Fi Access Points Reported by Schools (%)

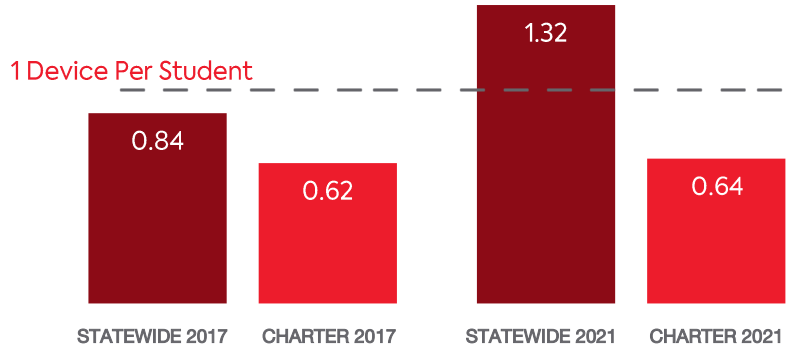
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

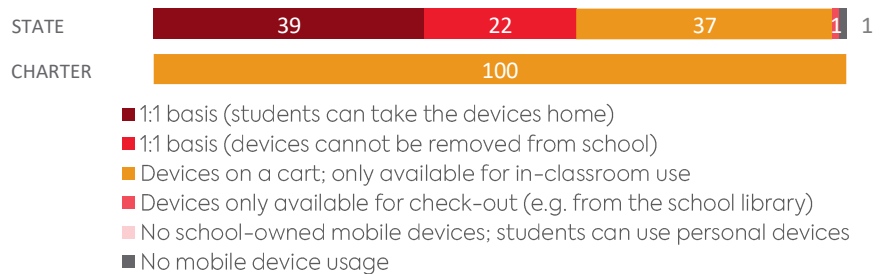


COMPUTING DEVICES USED IN SCHOOLS

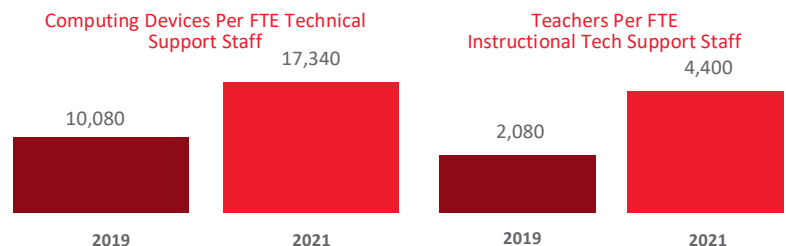
	Student Use	Teacher/ Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	0	-2	-100%	-30%
LAPTOPS WINDOWS OS	0	0	0	N/A	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	55	+28	104%	3%
CHROMEBOOKS GOOGLE	800	3	+450	127%	126%
TABLETS WINDOWS	0	3	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	0	6	+2	50%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	800	67	+481	125%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



WASATCH PEAK ACADEMY

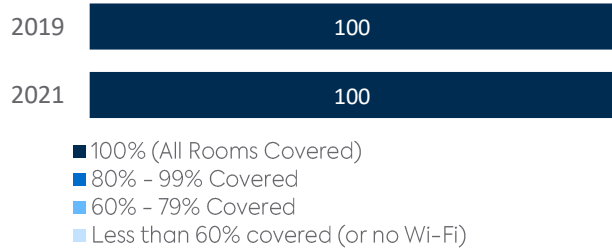
CHARTER FACTS

ENROLLMENT..... 462
 NUMBER OF SCHOOLS.....1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE1%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....0%

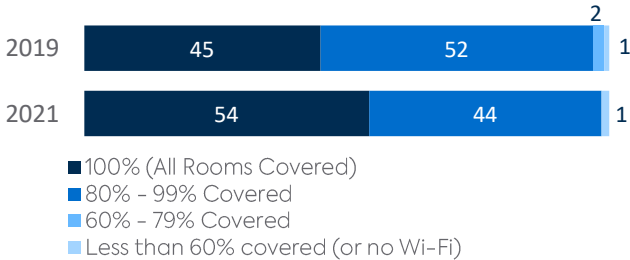
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

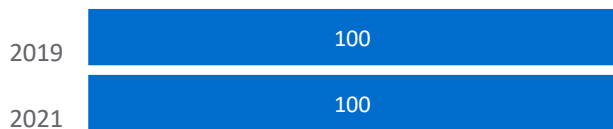


Statewide Coverage

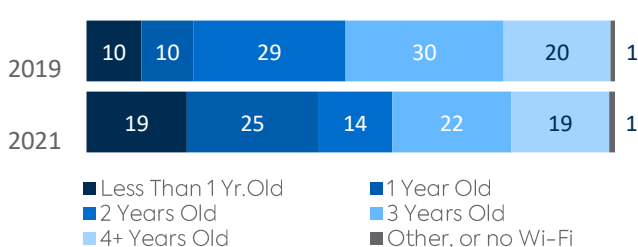


Age of Wi-Fi Access Points Reported by Schools (%)

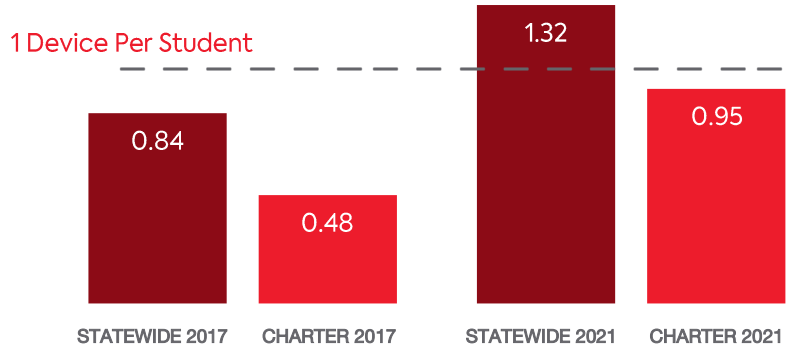
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	0	-30	-100%	-30%
LAPTOPS WINDOWS OS	0	38	-87	-70%	112%
DESKTOPS MAC	0	0	0	N/A	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	376	0	+316	527%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	-4	-100%	-23%
TABLETS IOS	65	52	+93	388%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	441	90	+288	119%	59%

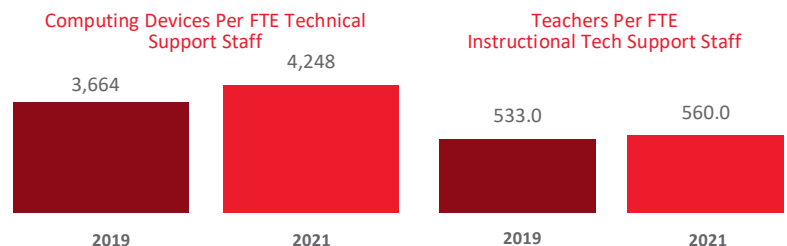
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



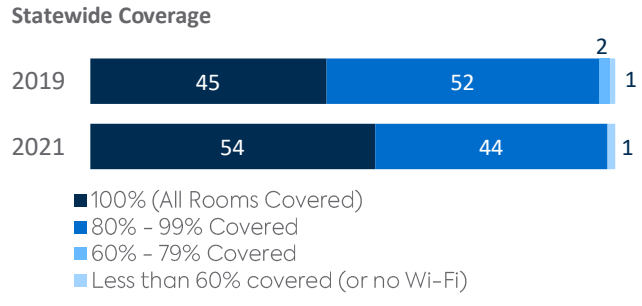
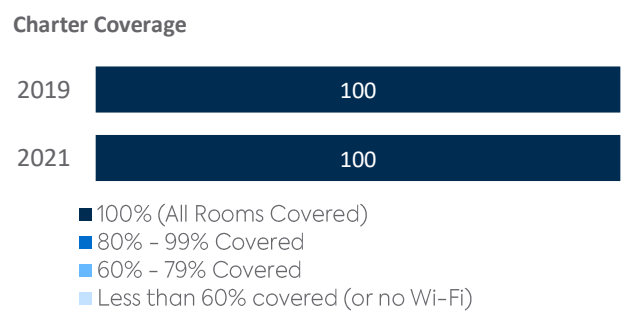
WASATCH WALDORF CHARTER SCHOOL

CHARTER FACTS

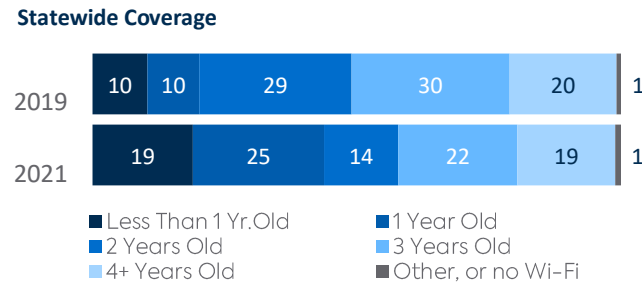
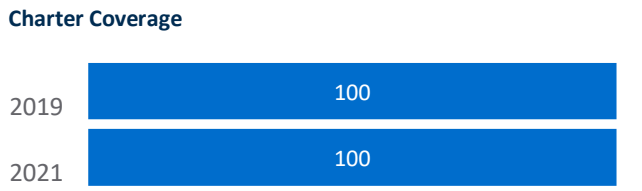
ENROLLMENT..... 625
 NUMBER OF SCHOOLS.....1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....0%

WI-FI NETWORKS

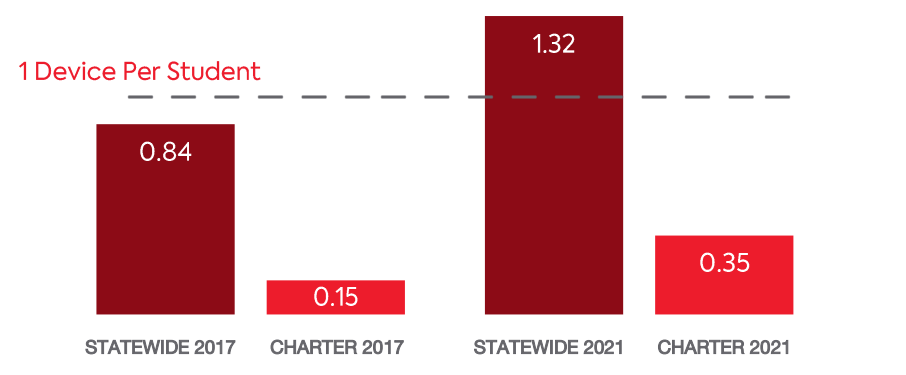
Wi-Fi Coverage Reported by Schools (%)



Age of Wi-Fi Access Points Reported by Schools (%)



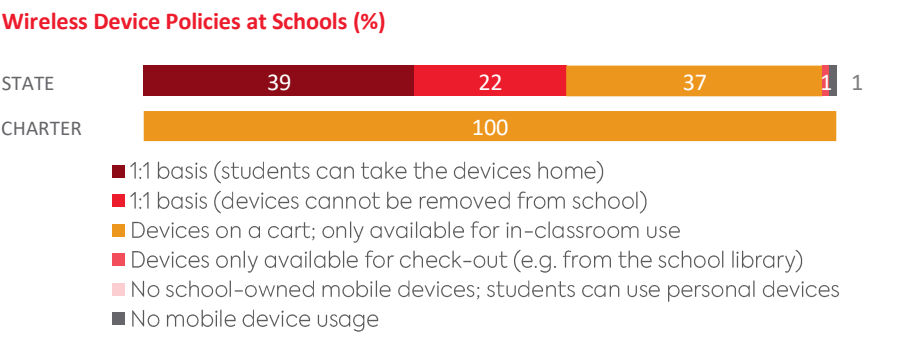
COMPUTING DEVICES PER STUDENT



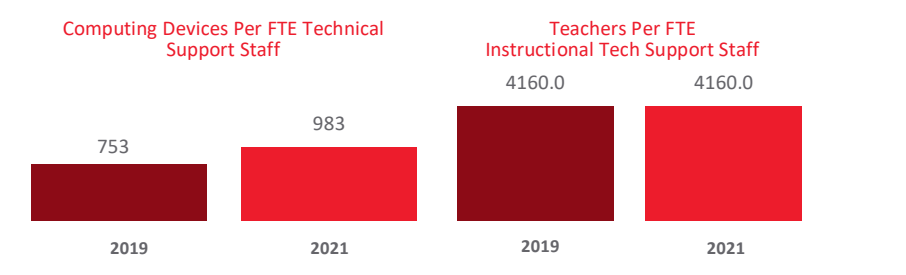
COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	0	0	N/A	-30%
LAPTOPS WINDOWS OS	0	2	+1	100%	112%
DESKTOPS MAC	0	3	0	0%	-25%
LAPTOPS MAC	0	28	+2	8%	3%
CHROMEBOOKS GOOGLE	209	0	+139	199%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	10	0	0	0%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	219	33	+142	129%	59%

MOBILE DEPLOYMENT



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



WEBER STATE UNIVERSITY CHARTER ACADEMY

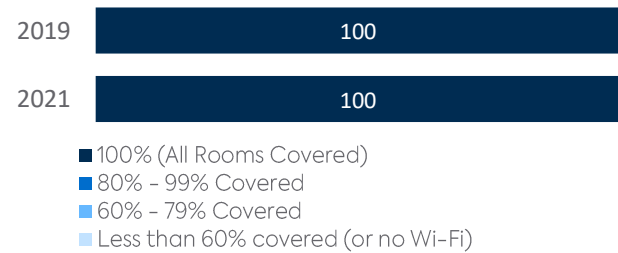
CHARTER FACTS

ENROLLMENT..... 33
 NUMBER OF SCHOOLS.....1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE 5%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....1%

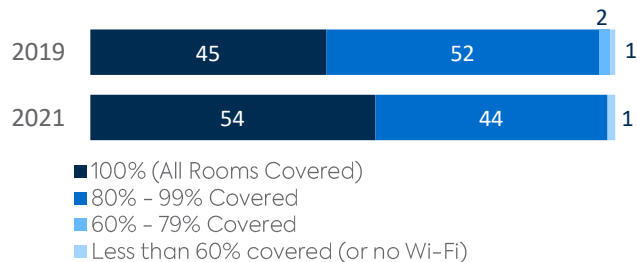
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

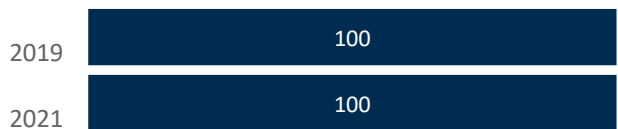


Statewide Coverage

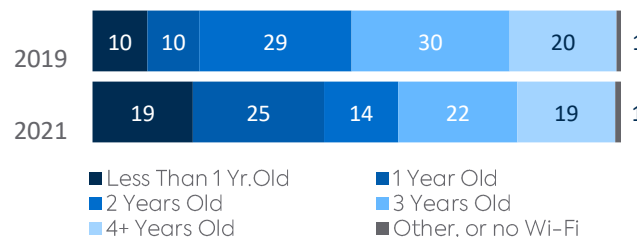


Age of Wi-Fi Access Points Reported by Schools (%)

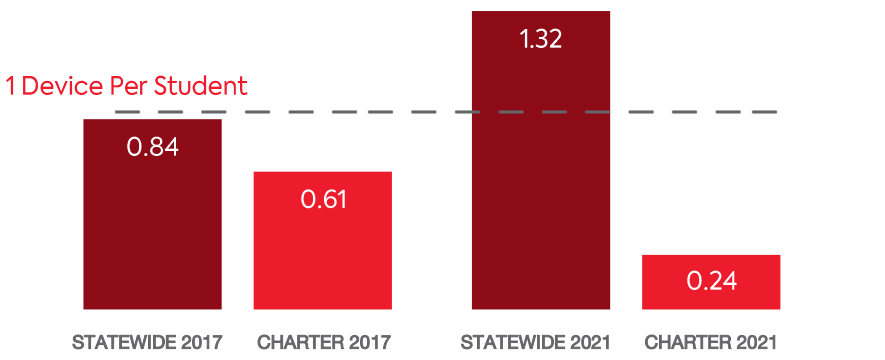
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

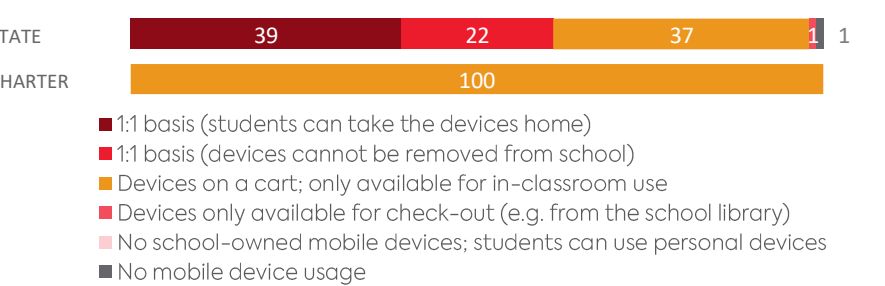


COMPUTING DEVICES USED IN SCHOOLS

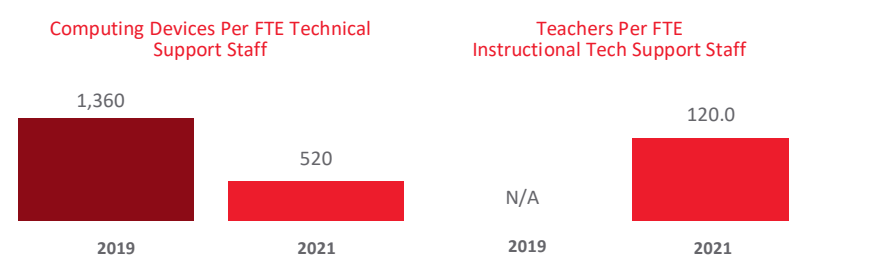
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	0	0	N/A	-30%
LAPTOPS WINDOWS OS	0	0	0	N/A	112%
DESKTOPS MAC	1	2	+1	50%	-25%
LAPTOPS MAC	1	2	+3	N/A	3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	6	1	-13	-65%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	8	5	-9	-41%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



WEILENMANN SCHOOL OF DISCOVERY (K-8)

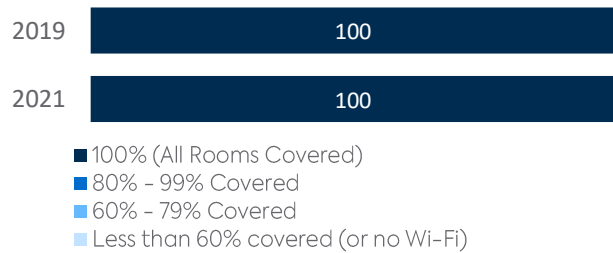
CHARTER FACTS

ENROLLMENT..... 537
 NUMBER OF SCHOOLS.....1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....0%

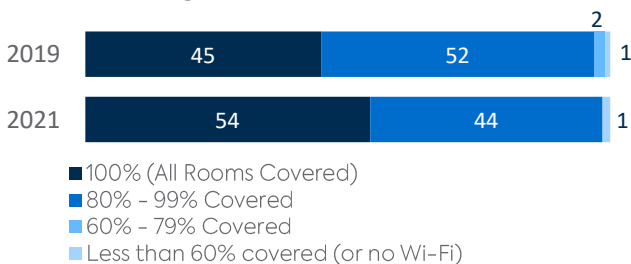
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

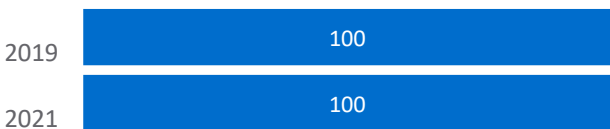


Statewide Coverage

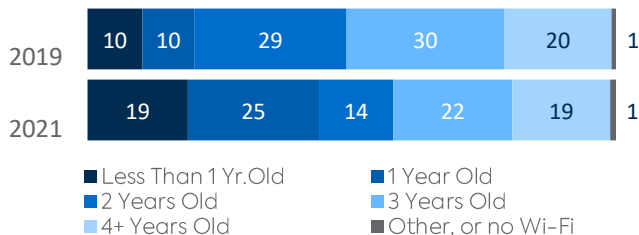


Age of Wi-Fi Access Points Reported by Schools (%)

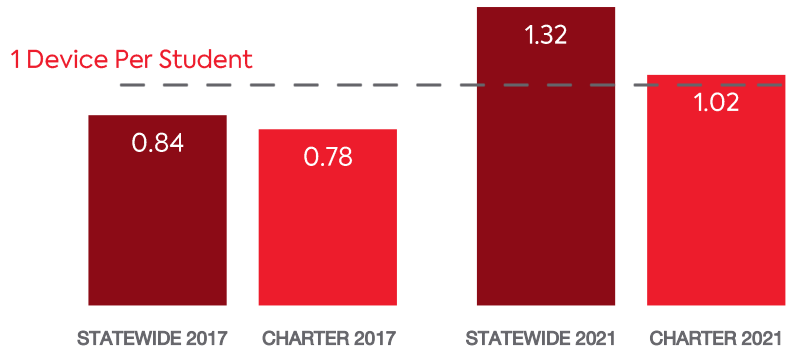
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT



COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	1	0	0%	-30%
LAPTOPS WINDOWS OS	0	0	0	N/A	112%
DESKTOPS MAC	0	3	-1	-25%	-25%
LAPTOPS MAC	0	0	0	N/A	3%
CHROMEBOOKS GOOGLE	537	45	+82	16%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	12	12	-4	-14%	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	549	61	+77	14%	59%

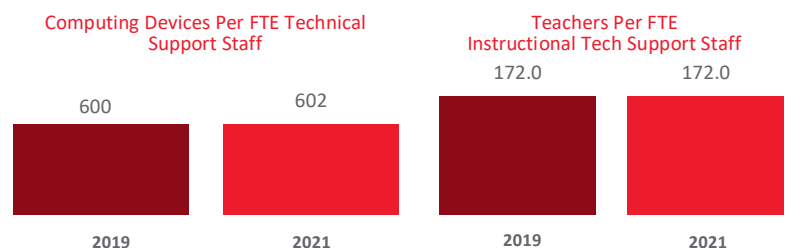
MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



- 1:1 basis (students can take the devices home)
- 1:1 basis (devices cannot be removed from school)
- Devices on a cart; only available for in-classroom use
- Devices only available for check-out (e.g. from the school library)
- No school-owned mobile devices; students can use personal devices
- No mobile device usage

FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



WINTER SPORTS SCHOOL (9-12)

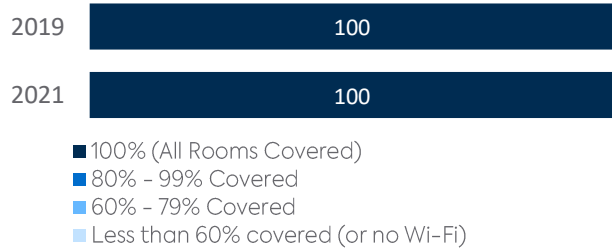
CHARTER FACTS

ENROLLMENT..... 113
 NUMBER OF SCHOOLS.....1
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....0%

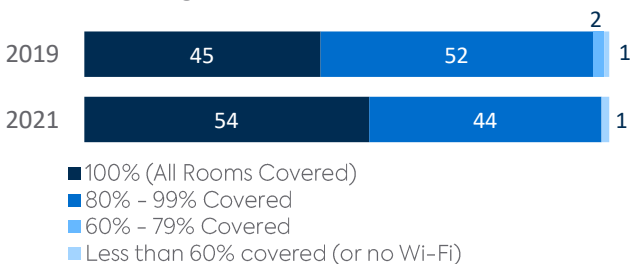
WI-FI NETWORKS

Wi-Fi Coverage Reported by Schools (%)

Charter Coverage

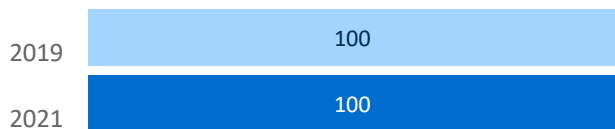


Statewide Coverage

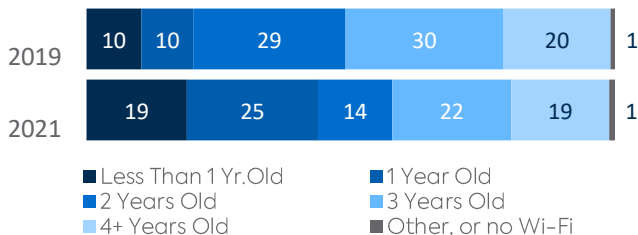


Age of Wi-Fi Access Points Reported by Schools (%)

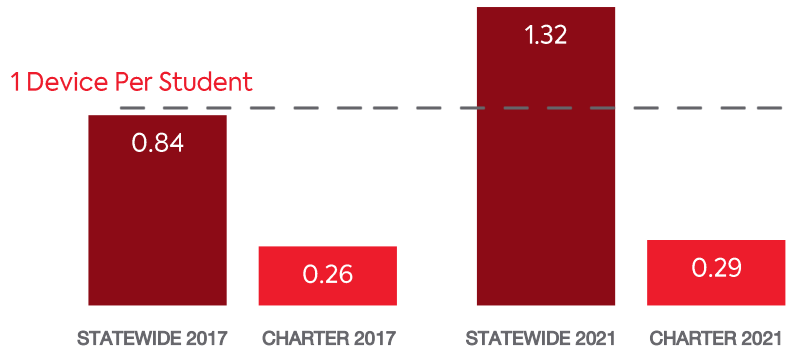
Charter Coverage



Statewide Coverage



COMPUTING DEVICES PER STUDENT

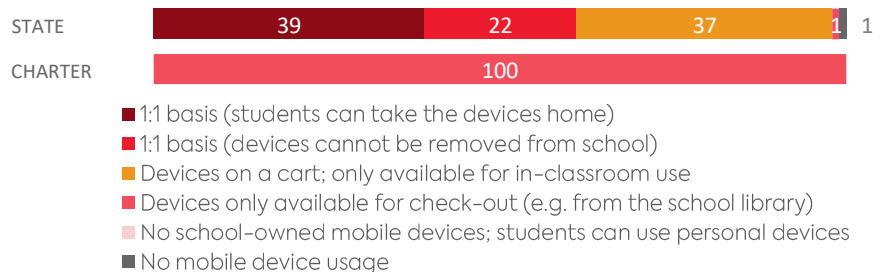


COMPUTING DEVICES USED IN SCHOOLS

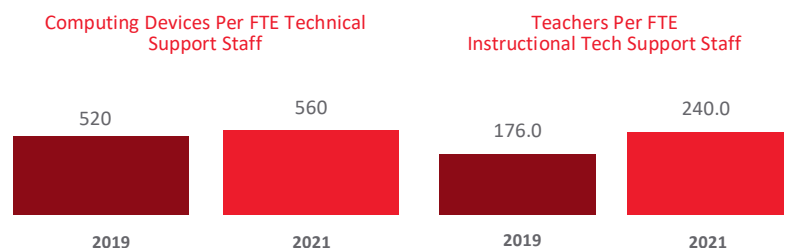
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change Statewide
DESKTOPS WINDOWS OS	0	3	+1	50%	-30%
LAPTOPS WINDOWS OS	0	2	-3	-60%	112%
DESKTOPS MAC	0	1	+1	N/A	-25%
LAPTOPS MAC	0	1	+1	N/A	3%
CHROMEBOOKS GOOGLE	33	0	+3	10%	126%
TABLETS WINDOWS	0	0	0	N/A	86%
TABLETS ANDROID	0	0	0	N/A	-23%
TABLETS IOS	0	2	+2	N/A	21%
OTHER DEVICES	0	0	0	N/A	-88%
ALL COMPUTING DEVICES	33	9	+5	14%	59%

MOBILE DEPLOYMENT

Wireless Device Policies at Schools (%)



FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS



APPENDIX G:
NEWS AND NOTABLES





FLIPPING THE CLASSROOM: HOW THE MORGAN SCHOOL DISTRICT WENT FROM LOW TECH TO HIGH TECH

Morgan, Utah (December 17, 2021) – Terry Allen, IT Director of the Morgan School District, understands that technology is very important to helping students and staff adapt to new styles of teaching and learning.

“Technology is no longer a digital organizer and file cabinet for our staff,” said Allen. “Professional development is offered to help teachers learn how to use digital resources to enhance the classroom experience. Things are constantly changing, and technology provides an opportunity for students to keep up with those changes.”

The Utah Education and Telehealth Network (UETN), in partnership with the nonprofit Connected Nation, recently finished their 2021 inventory of technology within Utah’s public and charter schools. The Morgan School District took part in that inventory to assess where changing technology was most needed in its schools, and how it could help the students learn in new ways.

In 2015, UETN began tracking how technology is used in the classroom and the access teachers and students have to digital materials, devices, and platforms. [Data from a previous inventory was released in 2019.](#)

[\(https://connectednation.org/blog/2020/03/13/lessons-learned-how-utahs-public-schools-are-tracking-and-improving-technology-in-the-classroom/\)](https://connectednation.org/blog/2020/03/13/lessons-learned-how-utahs-public-schools-are-tracking-and-improving-technology-in-the-classroom/)

Flipping the script

Morgan School District first implemented technology in the classroom two years ago when a few teachers began using the flipped classroom model, a style of teaching that is half online and half hands-on learning. Shana Croft is a chemistry teacher at Morgan High School and has been with the district since 2013. She was one of the first teachers to try the model.



“When I first started teaching, we had little to no technology and struggled to even maintain a reliable internet connection for the first year or two,” said Croft. So, she decided to write a grant to get devices like Chromebooks into her classroom. “After I received the grant, I started to use the flipped classroom model — a form of blended learning” that incorporates

technology with traditional teaching methods.

“Before I flipped my classroom, it just wasn’t enjoyable for the students and I didn’t feel like the kids were really learning as much as they could,” said Croft. “Over the summer, I recorded my lectures over all of my PowerPoint slides, then these videos became the student’s homework. It allowed my students to watch their lecture videos at home. Then, when they would come to class, we would do the traditional homework activities like the practice problems and other types of assignments.”

A new learning management system: Canvas

As Croft started to use the flipped classroom model, many other teachers did the same. Morgan School District implemented a popular learning management system called Canvas (<https://www.instructure.com/canvas>), where teachers can share information from their lessons and assign homework, quizzes, etc.

Adam Christensen is an eighth grade history teacher at Morgan Middle School. He quickly became proficient in Canvas when the new learning management system was introduced.

“I have been somewhat known as the ‘Canvas Guy’ for the school and the district to go and train other teachers how to use it,” said Christensen. “Some teachers will just use it for some homework, and others will use it to present. It’s great if you have a substitute coming — you can record a lesson and have it there for the class. So, it just kind of manages the classroom.”



Croft has used Canvas as part of her flipped classroom as well. “It was the first year that Utah made Canvas available for free for all classrooms that I started using it,” she said. “It had a video feature that I would use basically to host my videos, but now I use it for much more.”

How COVID changed teaching methods

While in the first couple years, Canvas taught teachers new ways of teaching, the online learning management system became even more important when the COVID-19 shutdown happened, and all Morgan School District students were required to do remote learning.

“At the beginning, a lot of teachers were a little bit hesitant about using Canvas or Google Classroom, but COVID kind of forced them to start using it,” said Christensen. “It was really kind of a good thing that came out of COVID — now we have a lot of teachers that are using it more who were too nervous or scared to even try it before.”

“Canvas was very effective for students and teachers during COVID,” added Croft. “When we came back, I noticed teachers and students that had struggled with the technology or resisted it a little bit were experimenting with it more.”

All of this shows that changing technology not only helped the Morgan School District during COVID, but it also taught students and teachers the benefits of being more adaptive as a whole. And now, with the support and data from the UETN technology inventory, the Morgan School District will continue to make improvements.

“We are very grateful for the UETN technology inventory,” said Allen. “It has allowed us to identify assets that are being under-utilized so that they can be repurposed in areas that are in need.”

[Click here to learn more about the UETN Technology Inventory.](#)

[\(https://connectednation.org/blog/2021/10/07/collecting-inventory-utah-education-network-tracks-technology-in-classrooms/\)](https://connectednation.org/blog/2021/10/07/collecting-inventory-utah-education-network-tracks-technology-in-classrooms/).



HOW TECHNOLOGY IS IMPROVING THE EFFECTIVENESS, EFFICIENCY, AND EQUITY OF EDUCATION WITHIN THE WASHINGTON COUNTY SCHOOL DISTRICT

St. George, Utah (November 9, 2021) – Tony Campbell, Director of Learning Technologies for Washington County School District, believes technology plays a pivotal role in the way students learn — both in and out of the classroom.

“In Washington County School District, we measure student achievement in the broader sense of learning, attitude, and behavior,” he said. “When we examine learning in this broader context, we can clearly identify what we can do to fulfil our purpose of educating our students. Technology provides tools and resources to help us increase our effectiveness, efficiency, and equity in fulfilling this purpose.”



The Utah Education and Telehealth Network (UETN), in partnership with the nonprofit Connected Nation, is in the midst of doing a technology inventory within Utah’s public and charter schools. The Washington County School District is taking part in that inventory, which Campbell said

Gabbi Young, WCSD Learning Technology Coordinator.
Photo courtesy of the WCSD.

has helped school officials to better identify the tools and resources they have, and where those resources are.

In 2015, UETN began tracking how technology is used in the classroom, as well as the access teachers and students have to digital materials, devices, and platforms. Data from the most recent inventory was released in 2020.

(<https://connectednation.org/blog/2020/03/13/lessons-learned-how-utahs-public-schools-are-tracking-and-improving-technology-in-the-classroom/>)

This year, Washington County School District is participating in the technology inventory to get a better understanding of how its tech resources are used, and how they are benefiting students.

Tech in the classroom

Schools in the district use technology on a daily basis during their regular classroom activities. Linda Brown, Computer Science Coordinator for the Washington County School District, has over 25 years' experience teaching students computer skills, and how to apply those skills to their school work.

“We use learning management systems like Schoology and Canvas, which have been amazing for our students and our teachers,” she said. “As a teacher in the days before we had those systems, I was trying to juggle so many files that were all digital. Now, teachers can organize their digital lesson plan content inside of the learning management system, making instructional content delivery seamless and easier for students and teachers.”

In addition, many students are using video and coding applications to learn in different ways within the classroom. “We have hybrid instruction in the form of video,” said Brown. “The benefit of having video-based instruction is that students can re-watch the instructions multiple times. So, when they get home



Students working on collaborative tech applications. Photo

to do their homework, if they've forgotten something, they can go back and look at it again."

Teachers also use screen-sharing software so students can work alongside them. "We have the ability for teachers to type code on their screens and display what they are typing onto students' screens at the same time," she said. "This allows the students to mimic what their teachers are doing."

While all these tech applications have been very valuable, it wasn't until the COVID-19 pandemic that the true benefit of incorporating technology into everyday curriculum became clear — when schools had few other options but to go virtual.

Remote learning during COVID

Travis Wilstead is the Principal of Majestic Fields Elementary. Like many other administrators, when the COVID-19 pandemic swept the nation, he had to adjust to the new concept of remote learning.

"When COVID hit, we were forced to do things we were uncomfortable with," he said. "Everybody is uncomfortable being recorded or being on camera, but we didn't have a choice. In order to keep the kids engaged, they had to see us. It also required us to learn how to do professional development in the same way we were asking the teachers to teach because we could not meet in person."

Laura Belnap, Director of Online Education at Washington County School District, also saw how this challenging situation could benefit the faculty and students.



"The pandemic in this case was a blessing. It opened our eyes as community members and our districts to know that there are other opportunities and ways to educate children than to stand in the classroom," she said.

Students working on collaborative tech applications. Photo courtesy of the WCSD.

The pandemic changed the way schools used technology in a big way, and Washington County School District was

no exception. School leaders used their prior tech knowledge to move their students online, and keep them engaged and on track to complete their school work during these uncertain times. They now have a new appreciation for technology, and how it can help students in the future.

Technology's outside influences

Apart from helping them learn new subjects in the classroom, technology has also helped students in Washington County School District grow as individuals in many other aspects of their lives.

“This whole thing is even bigger than just technology,” said Belnap. “Our students are now learning independently and how to drive their own education with these new applications.”

The new types of technologies that emerged during the pandemic are also teaching the students to get comfortable with unfamiliar resources, and use familiar resources in new ways.

“There is so much technology knowledge required outside of school,” said Wilstead. “The more we expose them to different platforms and get them to fully understand how to use those platforms, they’re able to then take that knowledge and assimilate it to something else when they leave school and move on. They’ll have those experiences to build on.”



Students learning how to use unique and new forms of technology in the classroom. Photo courtesy of the WCSD.

Opportunities for enhancement

Technology provides students with opportunities to not only become more creative, collaborative, and adaptive, but to become better team workers, communicators, and critical thinkers. Without adequate technology resources and high-speed internet in

schools, students have a greater chance at falling behind.

That’s why the UETN technology inventory is so critical. For Washington County School District, the inventory is allowing its schools to evaluate their current technology and identify ways to enhance digital teaching and learning resources. Brown and her colleagues are excited about the opportunities that are sure to result.

“Students need to see that they can be successful using the computer, and that doesn’t always look the same for every student,” she said. “That’s why I love teaching technology. I feel like my biggest goal as a teacher is to try to help kids be able to embrace how they could use technology to improve their lives.”

[Read here to learn more about the UETN Technology Inventory.](#)

[\(https://connectednation.org/blog/2021/10/07/collecting-inventory-utah-education-network-tracks-technology-in-classrooms/\)](https://connectednation.org/blog/2021/10/07/collecting-inventory-utah-education-network-tracks-technology-in-classrooms/).

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A NEW WAY OF LEARNING: HOW THE KANE SCHOOL DISTRICT LEVERAGED TECHNOLOGY INSIDE AND OUTSIDE THE CLASSROOM

Kane County, Utah (January 31, 2022) – Travis Terry, Kane School District Technology and Assessment Director, recognizes how important changing technologies and access to high-speed internet are for his students and staff.

“Access to broadband internet has become an integral part of the daily instruction for every school in the Kane School District,” said Terry. “We must have access for our students to learn and for our staff to assess.”

[The Utah Education and Telehealth Network \(UETN\)](https://uetn.org/) (<https://uetn.org/>), in partnership with the nonprofit Connected Nation, recently finished their 2021 inventory of technology within Utah’s public and charter schools. The Kane School District took part in that inventory to assess where changing technology was most needed in its schools, and how it could help students learn in new ways.

In 2015, UETN began tracking how technology is used in the classroom and the access teachers and students have to digital materials, devices, and platforms. [Data from a previous inventory was released in 2019.](#)

[\(https://connectednation.org/blog/2020/03/13/lessons-learned-how-utahs-public-schools-are-tracking-and-improving-technology-in-the-classroom/\)](https://connectednation.org/blog/2020/03/13/lessons-learned-how-utahs-public-schools-are-tracking-and-improving-technology-in-the-classroom/)

The Kane School District has been providing one-to-one technology to its students for about six years. Each student now has access to his or her own Chromebook, in and out of the classroom. Superintendent Ben Dalton has seen the improvements over those six years thanks to the new technologies.

“I have seen teachers utilize the technology as part of their daily instructional practices to the point where it allows them to use differentiated instruction for students, and identify those areas where they strive to be efficient,” said Dalton. “It would’ve been very difficult to track that with a paper and pencil or some other method. This just shows a little bit of evidence about how important technology is in our schools.”



Students using Canvas in the classroom

Remote learning and COVID-19

Before the pandemic, the Kane School District started using Canvas (<https://www.instructure.com/canvas>) as an online learning and management platform for its students. It helped them keep track of assignments, complete daily tasks, and much more. When the COVID-19 shutdown began, this tool became even more important.

“We went to Canvas as a learning platform to push the curriculum out on a secondary level, but COVID just pushed that level up, allowing all our students to gain access, wherever they may be,” said Valley High School Principal Jim Wood. “I don’t think we can go back and have the pencil-to-paper class methods anymore because these online technology platforms act as a learning tool, and it’s been great. Even after the pandemic, the kids can still have access to that platform.”

Something else that’s very important to the district is making sure its teachers know how to utilize new technologies. Middle School Principal and Curriculum Director Braxton Bateman became aware of how efficient and tech-savvy his teachers were when it came time to make the switch to remote learning.

“When COVID hit, the state office gave us two days for our students and teachers to transition to online learning,” said Bateman. “On the second day, our teachers were ready while everybody else was still trying to figure it out. That speaks highly about the skill level of our teachers and administrators, for them to be able to transition to Canvas so seamlessly.”

The importance of connectivity



Students helping each-other with online homework

Along with transitions to Canvas, Terry focused on making access to online learning easier by putting in mobile hot spots. He made sure the district had great Wi-Fi service and strong broadband connections. He worked hard to ensure that every student’s Chromebook could connect from almost anywhere. He also created cost-savings opportunities for families who struggled to afford fiber. The district stopped at nothing to ultimately help all of its students get connected.

“With our Wi-Fi, students could come to our schools, or get on a bus and travel to other schools for extracurriculars, and be able to walk off the bus, open their Chromebook and connect to their digital network,”

said Dalton. “That ability to expand connectivity outside of our schools, or even just our district, has been so beneficial for our students.”

This connectivity has helped students maintain their skills and knowledge learned in the classroom even after the COVID shutdown.

“As we looked back through the data after COVID, we didn’t have a lot of learning loss in our district because of the strong connectivity we had,” said Dalton. “It was then decided that technology was important for us to stay on that learning curve and to continue to advance in that level. Discussion within our administration demonstrated that by picking up the most relevant pieces in tech, it would help our students learn better.”

How UETN helped make a difference

The Kane School District did not make this happen alone. UETN was instrumental in helping district leaders utilize all available resources. Its support became the backbone the district's connectivity.

"UETN has been a very critical component. They came in and did assessments on our Wi-Fi connectivity and our wireless connection and then told us where we needed to have more hot spots," said Terry.

"They also purchased us a digital curriculum through a Brigham Young University (BYU) (<https://www.byu.edu/>) independent study. Our students could download that study and be ready to go. We now have several platforms for digital curriculum."

Because the previous UETN technology inventory helped its students and teachers in so many ways, the Kane School District did not hesitate to sign on to participate in the 2021 inventory.

"UETN provided our superintendent with a copy of the technology inventory. He was then able to present it to our school board, which shows them how we're doing in comparison to the state and other districts," said Terry. "It helps when the school board is able to see that inventory and then support our initiatives to make sure that we stay on course with the state's other districts."

With help from UETN, the Kane School District is able to go above and beyond for its students when it comes to technology support. And with new data from this year's UETN report, that trend is sure to continue.

[Click here to learn more about the UETN Technology Inventory](https://connectednation.org/blog/2021/10/07/collecting-inventory-utah-education-network-tracks-technology-in-classrooms/)
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Students using online learning platforms in class