

2023 UTAH SCHOOL TECHNOLOGY INVENTORY REPORT



**CONNECTED
NATION[®]**





February 9, 2024

Dear Utah Public Education Community:

On behalf of the Utah Education Network (UEN), I am excited to present the fifth iteration of the Utah School Technology Inventory. Utah has taken unprecedented national leadership on providing data on the digital teaching and learning environment of our schools. As technology continues to rise in importance in the wake of the pandemic, this inventory provides our state with invaluable information about our educational resources.

We extend our appreciation to the school and district-level technology directors, without whom data collection would not have been possible. Thanks to their leadership, we achieved a 100 percent participation rate for the fifth inventory in a row. Additionally, several UEN staff have devoted many hours in partnership with our partners, Connected Nation, to formulate this report. This inventory successfully collected more than 80,000 data points across 1,034 Utah public schools—focusing on devices, hardware and software age, teaching resources, and home access.

With the fifth edition of this inventory, our longitudinal data grows richer and more informative. We can identify where technologies have grown, stayed consistent, or aged to see where state and federal funding opportunities can produce the greatest impact.

This year, especially, provides more insights into the tech experience of Utah’s students post-COVID. For example, the device-per-student ratio has held steady at approximately 1.32 to 1 since 2021, meaning each student has access to at least one device. Likewise, 70 percent of schools provide laptops or tablets to students on a 1 to 1 ratio, and approximately 38 percent of schools allow students to take devices home. These rates have remained consistent since the end of the pandemic; it’s reassuring to see that the end of emergency measures did not lead to diminishing access to technology that enhances the learning journey of Utah students.

Conversely, a more concerning trend from this report is the aging of our wireless and wired technology. In order to deploy technology throughout a school, the facility needs up-to-date and functional networks. Only 7 percent of Utah schools report that their wireless hardware is newer than one year old; by contrast, more than 50 percent of schools use wireless equipment that is at least three years old, and 25 percent say that their wireless equipment is four or more years old. Wired technologies are even older: nearly half of the schools (48 percent) report that their wired hardware is at least four years old. As a state, we should keep our eyes on this trend, as aging technologies are at greater risk of breakdown and poor performance that could disrupt the student experience.

UEN exists to serve the technological needs of educators and students statewide. Those services are key to addressing the persistent digital opportunity gaps we continue to face despite the marked progress of recent years. This report helps all who are committed to ensuring educational opportunity for every Utah student.

Sincerely,

Spencer Jenkins
CEO/Executive Director
Utah Education and Telehealth Network



We network for education

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I. INTRODUCTION AND KEY FINDINGS

INTRODUCTION

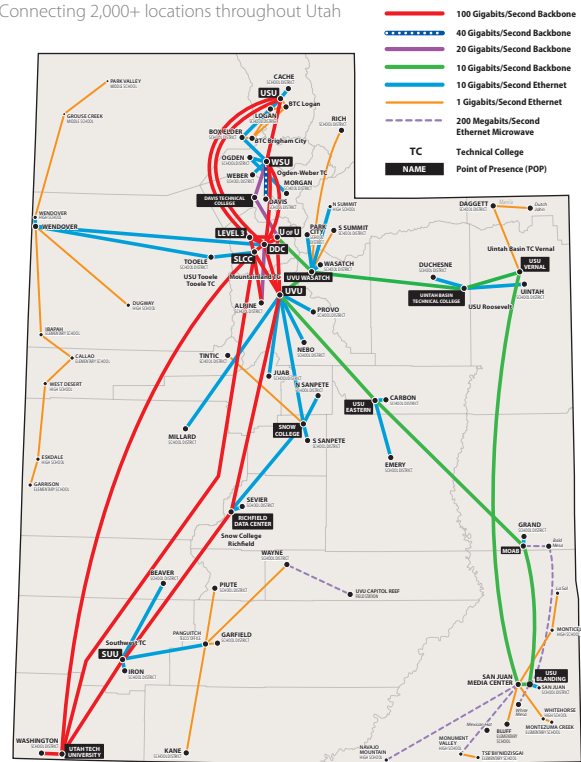
In December 2023, the Utah Education Network (UEN), in collaboration with the national nonprofit Connected Nation (CN), completed the state’s fifth school technology inventory. This is a statewide inventory of classroom technology and related resources at K–12 district and charter schools across Utah.

The information and data collected from the inventory is used by lawmakers, school leaders, parents, and others in the education community in a variety of ways, including in decisions about devices for schools, classrooms, students, programs, cybersecurity, home access, and many other related issues.

The inventory has been conducted every two years since 2015. This year’s achievement is significant as it marks the fifth time UEN has attained 100% participation from all school districts and charters in the comprehensive school technology inventory. The continued success of the inventory exemplifies the state’s commitment to embracing modern technological resources within the learning environment to advance student learning and increase their opportunities for success.

UEN Infrastructure Map

Connecting 2,000+ locations throughout Utah

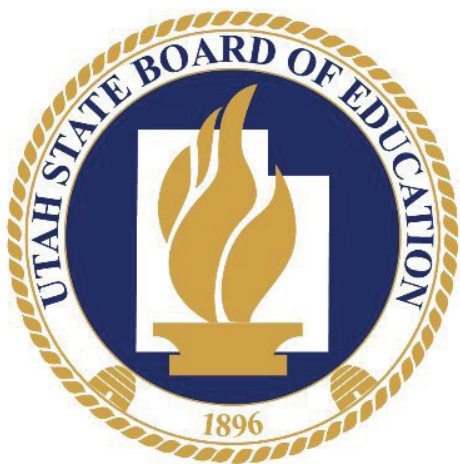


Last updated November 2, 2023

This was the first school technology inventory conducted after the end of the federal COVID-19 Public Health Emergency (PHE) Declaration in May 2023. The pandemic and subsequent shutdowns disrupted in-person learning, prompting changes in education systems worldwide that continue to resonate today. Amid the global pandemic, the Utah School Technology Inventory was pivotal in helping stakeholders make key decisions in funding distributions to address technology needs, considering the increased demand for high-speed internet and related technologies and mobile devices for remote learning.

“[D]ata that helps capture students’ opportunity to learn include a digital teaching and learning educational technology device inventory from the Utah Education Network (UEN) and broadband data by county from the Utah Governor’s Office of Economic Development.”

— *Utah State Board of Education*



Most notably, the UEN School Technology Inventory was leveraged to inform the deployment of Utah’s American Rescue Plan Elementary and Secondary School Emergency Relief (ARP ESSER) funds of 2021. The Utah State Board of Education (USBE) prioritized using this funding to expand access to broadband and educational devices – particularly in communities most impacted by the pandemic.

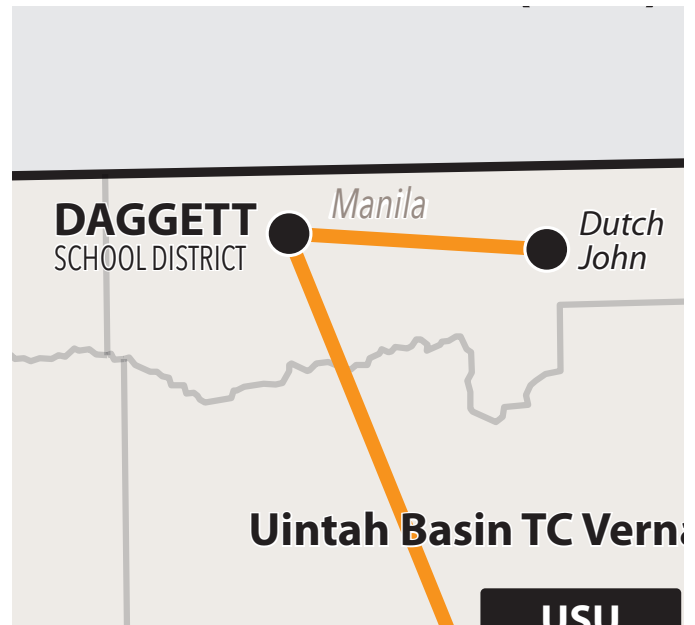
Established in 2015 through House Bill 277, the School Technology Inventory aims to inform a digital teaching and learning program about the statewide inventory of classroom technology and related resources deployed across Utah’s public and charter schools. The first iteration of the inventory began in the fall 2015 when CN was selected to partner with UEN in developing a data collection portal and lead the inventory effort. Since then, the biennial inventory has accomplished 100% participation of all districts and charters.

Gathering numerous data points from various schools and charters would be impossible without the cooperation of hundreds of stakeholders from across Utah. Through meticulous planning and effective communication strategies, every school community member who was actively involved in the inventory process contributed to a comprehensive assessment of the schools’ technological assets. This remarkable achievement reflects the collective dedication to fostering a technologically adept educational setting and sets a positive precedent for future endeavors to enhance Utah’s school’s technological infrastructure.

The following report highlights the many findings of the 2023 inventory and offers a look back at historical data and observed trends dating back to the first iteration of the inventory in 2015.

KEY FINDINGS

- **The device-per-student ratio has increased over time since 2015 but remained the same between the 2021 and 2023 inventories for district schools.** Utah students and administrators are benefiting from greater access to technology. State Local Education Agencies (LEAs) report that more than 878,600 computing devices are available to Utah’s 667,786 K-12 students; this equates to 1.32 devices per student, which was the same in 2021. Charter schools saw an increase. However, there is a 0.1 decrease in the number of computing devices per student in district schools.
- **Statewide, 7 out of 10 schools (70%) report that they deploy mobile learning devices such as laptops or tablet computers to students on a 1:1 basis.** This remained virtually unchanged from 2021, when 71% of schools reported offering devices in this fashion.
- **Statewide, nearly 2 out of 5 Utah schools (38%) offer mobile learning devices on a 1:1 basis and allow students to take those devices home, maintaining a similar rate from 2021 (39%).** This represents an increase from 2019, when only 6% of schools made this option available.
- **Google Chromebooks remain the most popular type of computing device for students, with schools reporting that more than 594,000 Chromebooks are made available to students statewide.** Altogether, an estimated 878,610 computing devices are available for Utah students to use, down from 2021 when more than 888,000 computers were available to students through Utah schools.
- **Only 7% of Utah schools say that the wireless hardware used in the school is newer than one year old, which is a significant decline since the 2021 inventory.** One-quarter of schools (25%) say that their wireless gear is four or more years old, an increase from 2021, while more than one-half of schools use wireless gear that is at least three years old.
- **Wired networking hardware in Utah K-12 schools tends to be even older — with nearly half of the schools (48%) reporting that their wired hardware is four years old or older.**



II. INVENTORY RESULTS

The 2023 Utah School Technology Inventory included approximately 55 questions posed to charter and district schools related to computers, internet access, home internet availability, and the current use and projected needs of digital learning tools (Appendix B).

As in previous years, the resulting dataset contains more than 80,000 new points of data on technology access and usage in 152 Utah LEAs, including school districts and charters. These LEAs represent 1,034 public schools statewide and report serving more than 667,786 students as of the beginning of the 2022–23 school year.

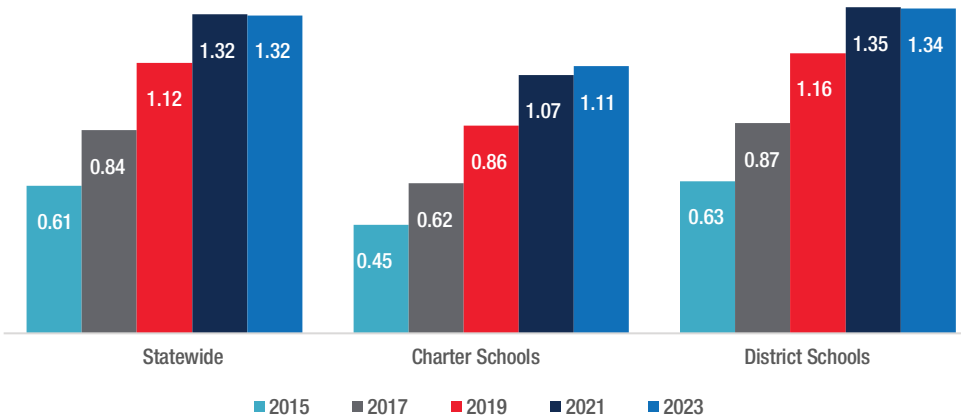
These data were collected, compiled, and validated by CN (Appendix D) on behalf of UEN. After a final review and analysis of the data submitted from 100% of the state's LEAs, CN and UEN compiled insights from this most recent iteration of the inventory. In addition, this report identifies trends from this inventory, as well as the three inventories conducted by CN and UEN in 2015, 2017, 2019, and 2021.

A. HARDWARE IN SCHOOLS

Utah students and administrators are benefiting from greater access to technology. Utah LEAs report that more than 878,600 computing devices are available to the state’s 667,786 K-12 students; this equates to 1.32 devices per student, which was the same in 2021. The number of computers per student increased in charter schools, but there is a 0.01 decrease in this statistic in district schools (Figure 1).



FIGURE 1.
Computing Devices Per Student



II. INVENTORY RESULTS

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

The number of desktop computers in use has declined over the past several years, while the number of tablet computers has increased. Additionally, since 2021, the number of laptop computers available for student use has declined in favor of tablet computers.

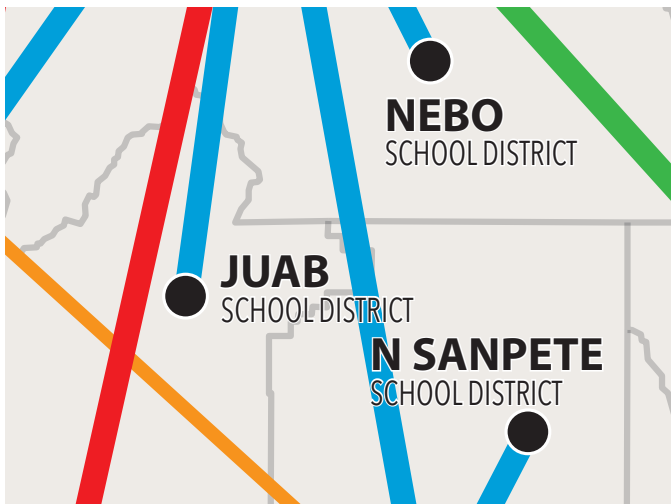


FIGURE 2. Computing Devices Available for Student Use in Utah Schools

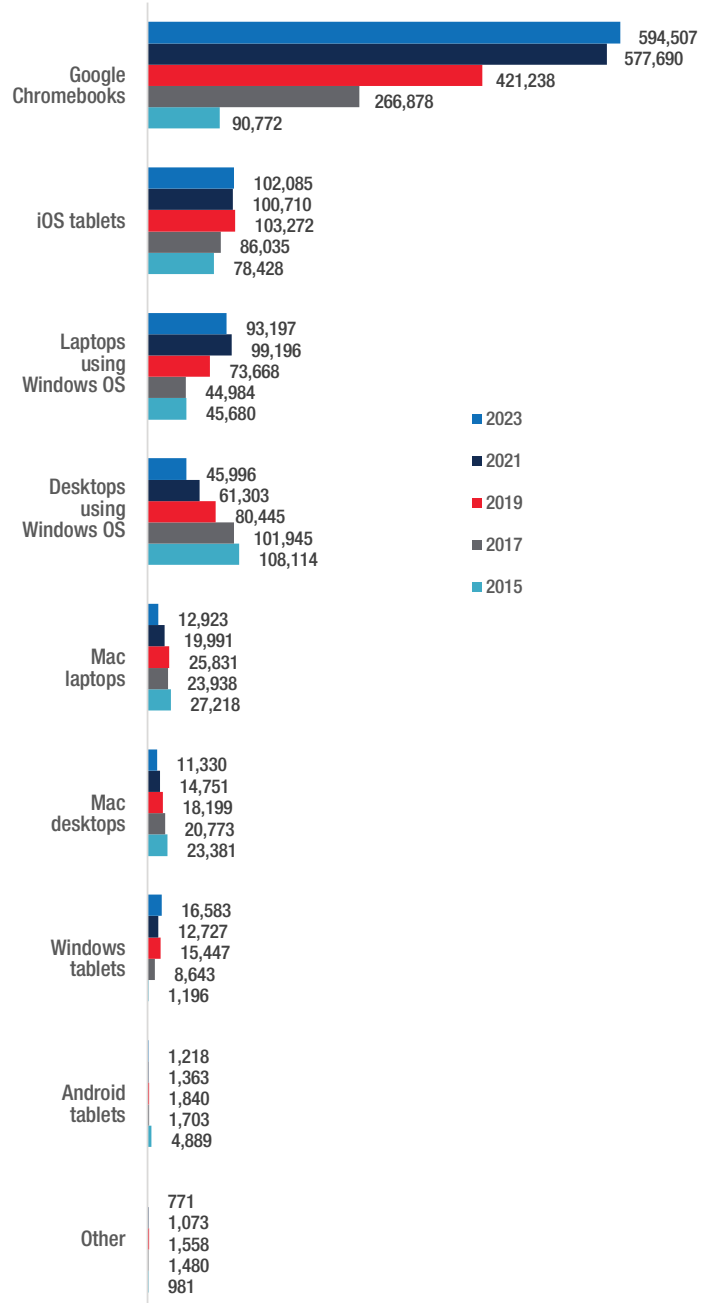
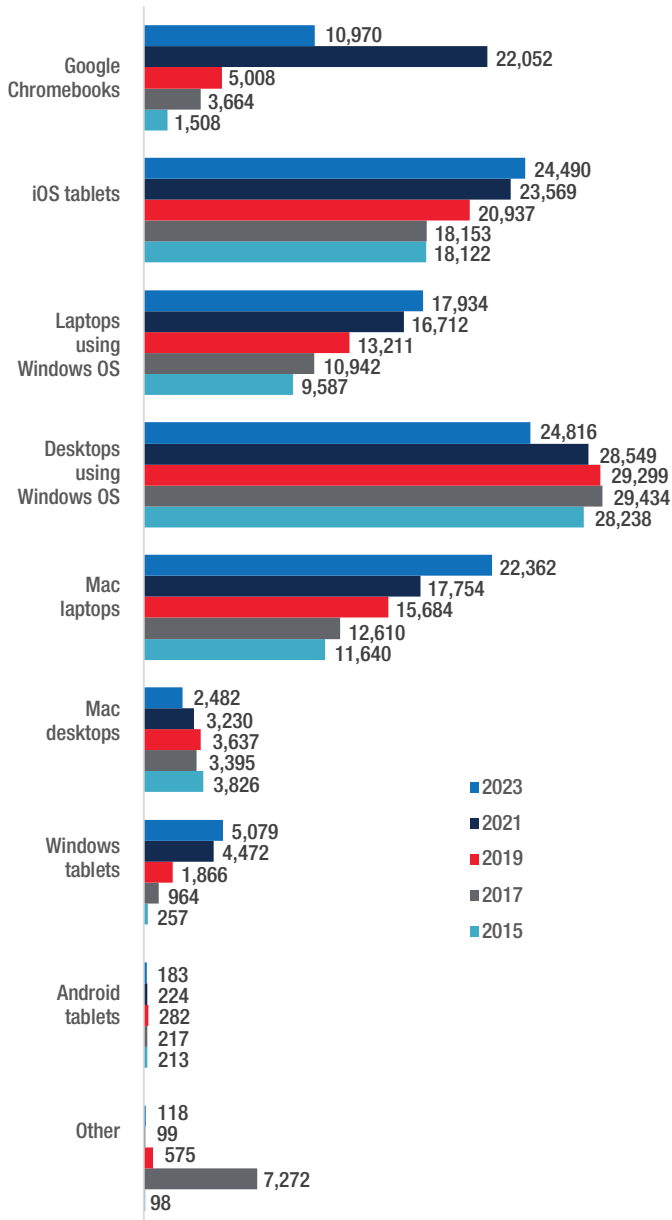


FIGURE 3.
Computing Devices Available for
Teacher/Administrator Use
in Utah Schools

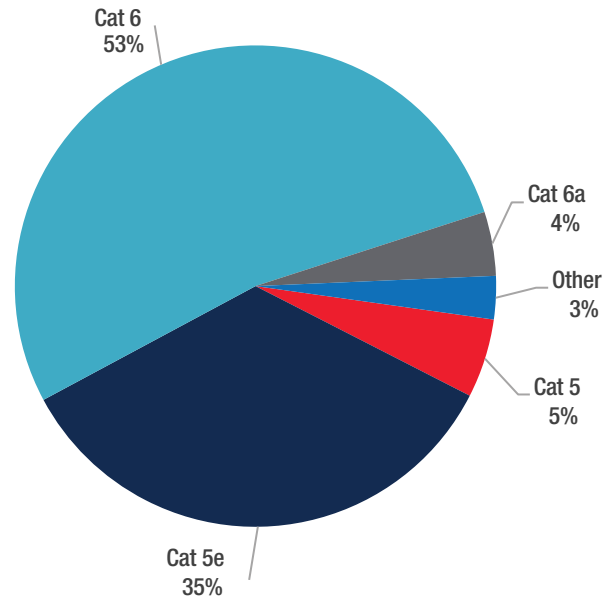


Many Utah schools continue to rely on desktop computers for their teachers and administrators, but many offer tablet computers for these tasks (Figure 3).

Between 2021 and 2023, Utah schools decreased their usage of Google Chromebooks and desktop computers for teachers and administrators.

To keep these devices connected, the largest share of Utah schools relies on Cat 6 ethernet cable technology, but only 4% of schools report using the modern Cat 6a wiring technology (Figure 4).

FIGURE 4.
Predominate Wiring Technology
in Schools



II. INVENTORY RESULTS — HARDWARE IN SCHOOLS

Only 7% of Utah schools say their wireless hardware is newer than one year old, which is a significant decline since the 2021 inventory (Figure 5).

One-quarter of schools (25%) say that their wireless gear is four or more years old, an increase from 2021. This figure still represents a significant number of schools using aging and less efficient wireless hardware.

One-quarter of schools (25%) say that their wireless gear is four or more years old, an increase from 2021. This figure still represents a significant number of schools using aging and less efficient wireless hardware.

Wired networking hardware in Utah K-12 schools tends to be even older, with nearly one-half of schools (48%) reporting that their wired hardware is four years old or older (Figure 6).

FIGURE 5.
Average Age of Wireless Hardware in Utah Schools

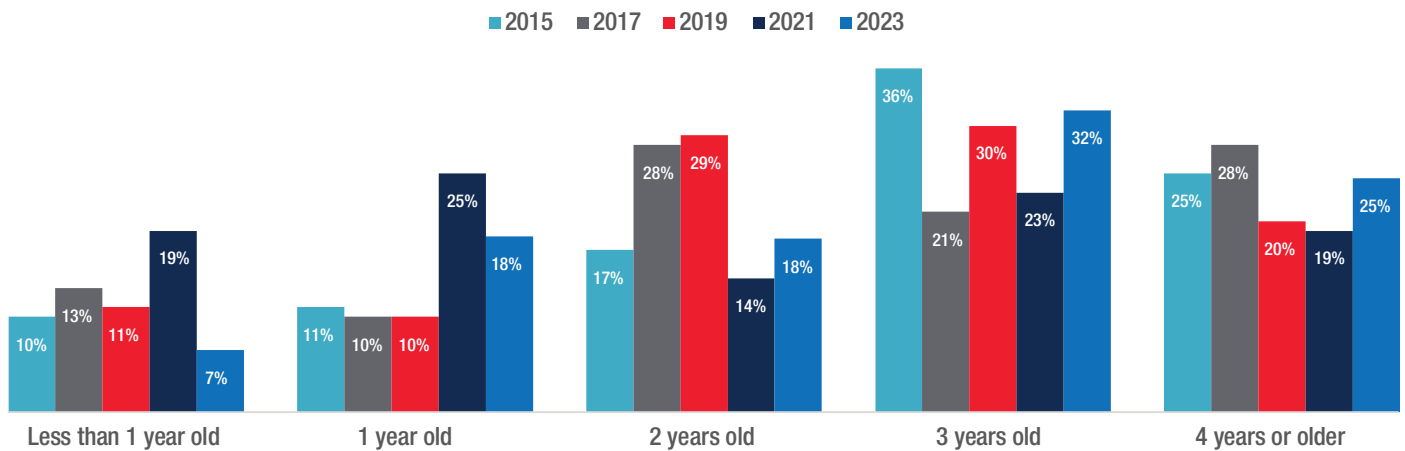
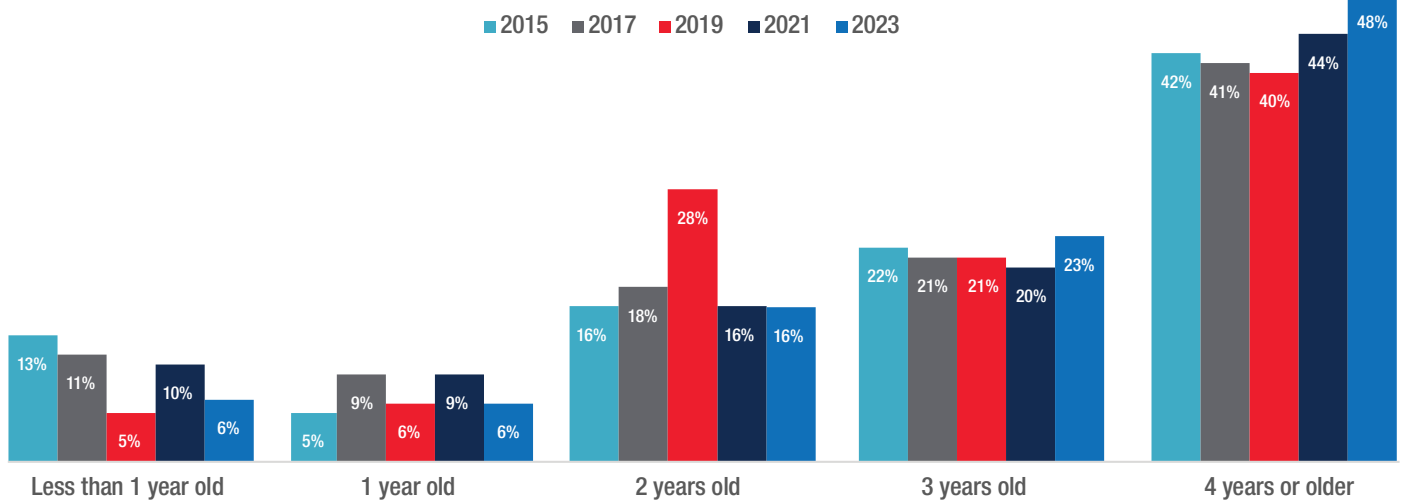


FIGURE 6.
Average Age of Wired Hardware in Utah Schools



II. INVENTORY RESULTS — HARDWARE IN SCHOOLS

This statistic has remained relatively constant. This year, fewer schools reported deploying less new wired gear than in 2021. In 2023, only 6% of schools say that their wired hardware is, on average, newer than one year old (compared with 10% in 2021). Also of note, these changes did not occur at similar rates when comparing charter and district schools between 2021 and 2023 (Figure 7).

Whereas in 2015, charter schools were more likely to have new (less than one year old) wired and wireless gear. By 2021, district schools were more likely to have newer equipment in both categories. However, in 2023, there was an increase in new hardware for charters, but a decrease for districts.

More than 9 out of 10 ethernet switch ports used by Utah schools (91.8%) provide burst speeds of 1 Gbps (Figure 8).

FIGURE 7.

AVERAGE AGE OF WIRELESS GEAR

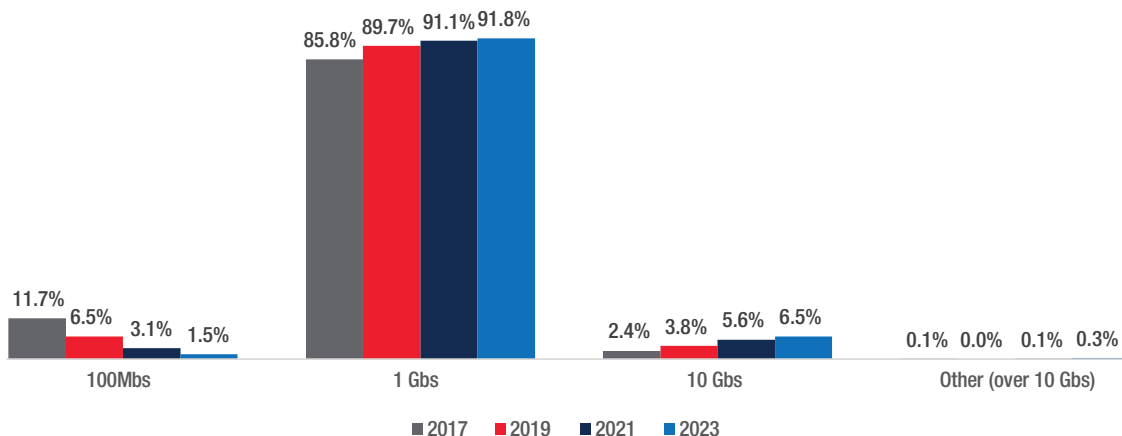
	2015		2017		2019		2021		2023	
	Charter	District	Charter	District	Charter	District	Charter	District	Charter	District
Less than 1 year old	22%	8%	25%	11%	15%	10%	18%	19%	14%	5%
1 year old	11%	11%	15%	9%	15%	9%	26%	25%	12%	20%
2 years old	28%	15%	30%	27%	33%	28%	28%	12%	22%	18%
3 years old	24%	40%	12%	23%	24%	31%	18%	23%	35%	31%
4 years or older	15%	26%	17%	30%	14%	21%	10%	20%	17%	26%

AVERAGE AGE OF WIRED GEAR

	2015		2017		2019		2021		2023	
	Charter	District	Charter	District	Charter	District	Charter	District	Charter	Districts
Less than 1 year old	20%	12%	20%	9%	3%	5%	7%	10%	10%	6%
1 year old	6%	5%	14%	7%	13%	5%	9%	9%	5%	6%
2 years old	36%	16%	24%	17%	36%	27%	26%	15%	22%	15%
3 years old	24%	22%	15%	22%	22%	21%	24%	20%	22%	24%
4 years or older	25%	45%	28%	45%	26%	42%	33%	46%	41%	49%

FIGURE 8.

Switch Ports Installed in Utah Schools



B. STUDENT TECHNOLOGY ACCESS

Many Utah schools are taking steps to ensure that students can access the internet and related tools beyond the school campus. This facilitates homework and enables remote learning, wherever the students may be. These steps range from providing email access, content filtering, and device management solutions to providing remote internet access off campus. Altogether, 29% of schools say they have explored the issue of internet access and gathered information on internet connectivity among their students (Figure 9).

Statewide, nearly 19 out of every 20 schools (95%) say they provide email accounts for their students' use (Figure 10).

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

For most students, accessing 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 number of LEAs who provide some sort of remote internet access tool to their students is about 1 in 6 LEAs (18%). Another 18% seek out and provide information to families about low-cost or free solutions offered by local internet service providers (Figure 11).

FIGURE 9. Utah Schools That Collected Data on Students' Internet Access

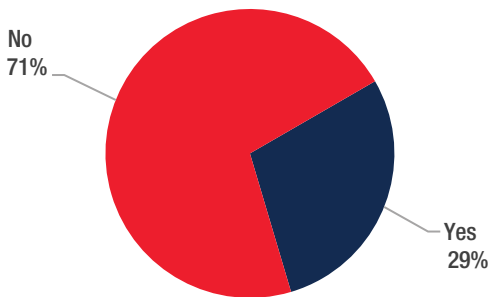


FIGURE 10. Utah Schools Providing Email Accounts to Students

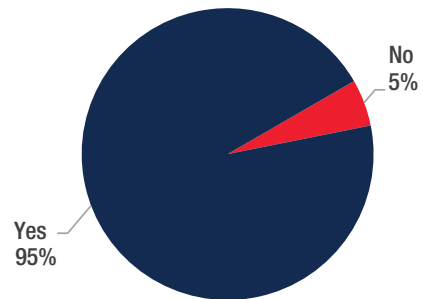
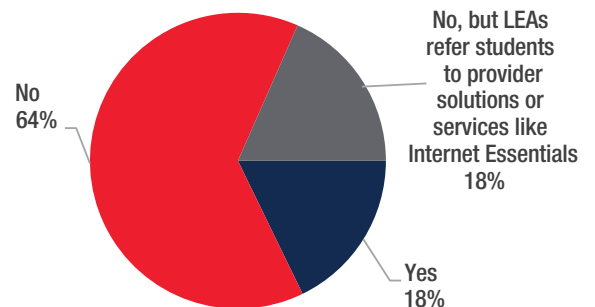


FIGURE 11. LEAs Providing Remote Internet Access to Students



II. INVENTORY RESULTS — STUDENT TECHNOLOGY ACCESS

Among those LEAs that offer assistance and support to their students, the methods vary across the state. Some LEAs provide more than one type of service to help their students access the internet remotely (Figure 12).

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 parked throughout the community, or via subscriptions from local wireline ISPs. Eighteen percent (18%) of LEAs reported that they provide assistance by other means.

Utah schools estimated that an average of 18% of their enrolled students do not have adequate home internet service (Figure 13).

FIGURE 12.
Types of Remote Internet Access Assistance Provided by LEAs

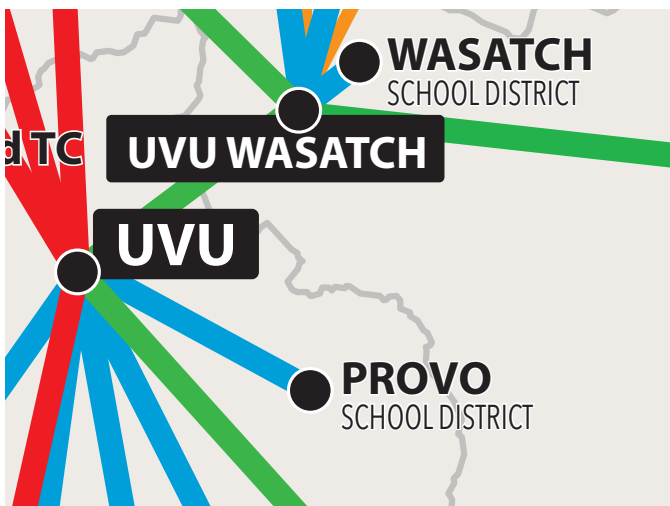
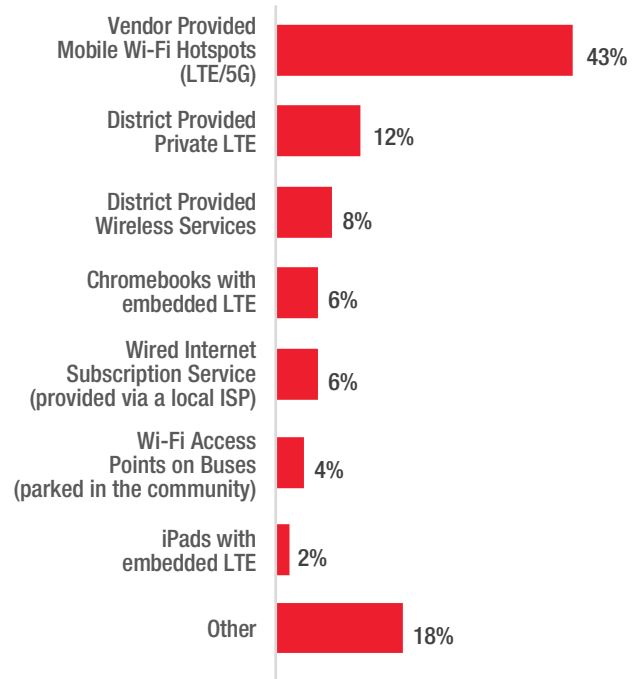
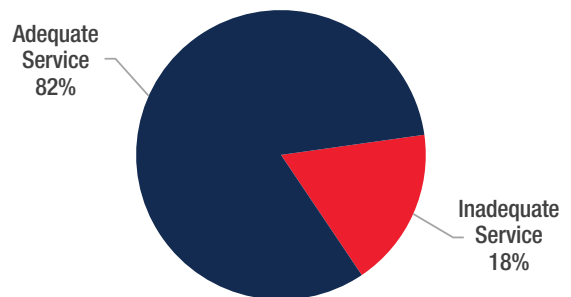


FIGURE 13.
Percentage of Utah Students Without Adequate Home Internet Service



II. INVENTORY RESULTS — STUDENT TECHNOLOGY ACCESS

When asked why they believed their students were unable to access adequate internet service, 53% of LEAs reported that affordability was the primary barrier, followed by inadequate internet infrastructure in the area (Figure 14).

To manage their students' devices, 71% of schools report using multiple mobile device management (MDM) solutions (Figure 15).

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 each LEA may use different MDMs based on their unique needs.

FIGURE 14.
Primary Barriers of Adequate Home Educational Internet Service

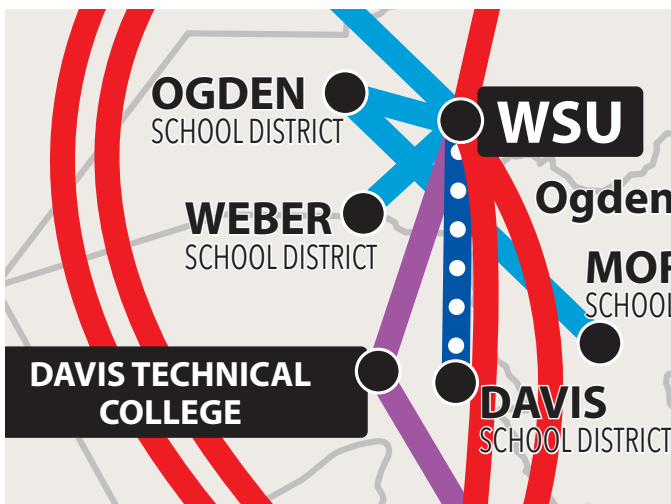
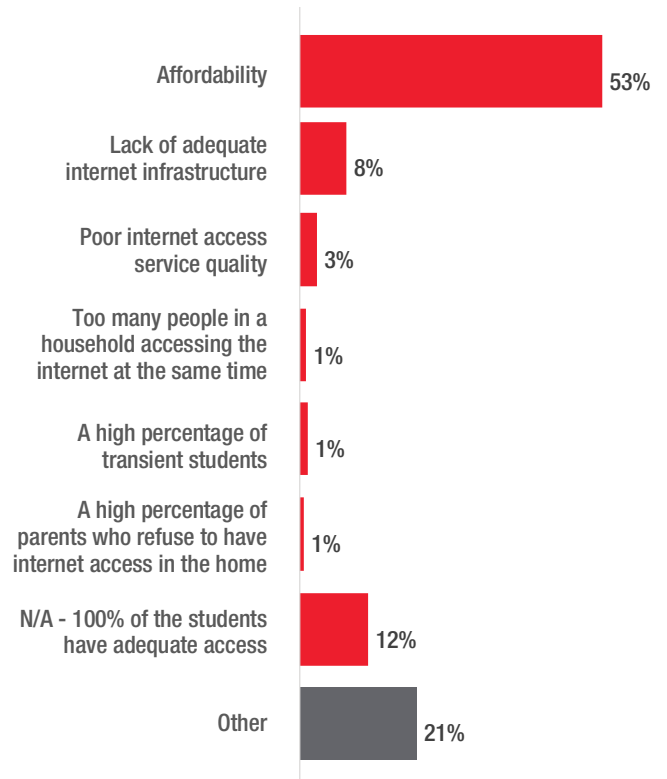
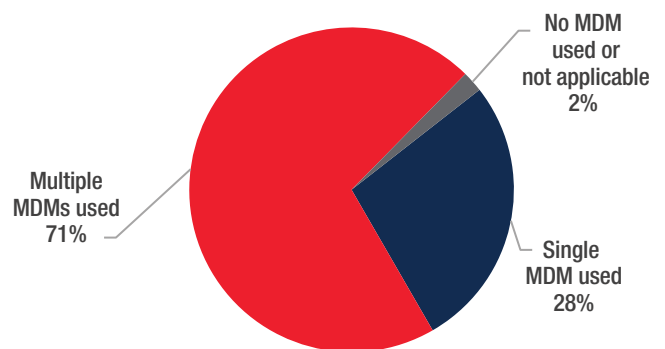


FIGURE 15.
Schools Using Mobile Device Management (MDM) Solutions

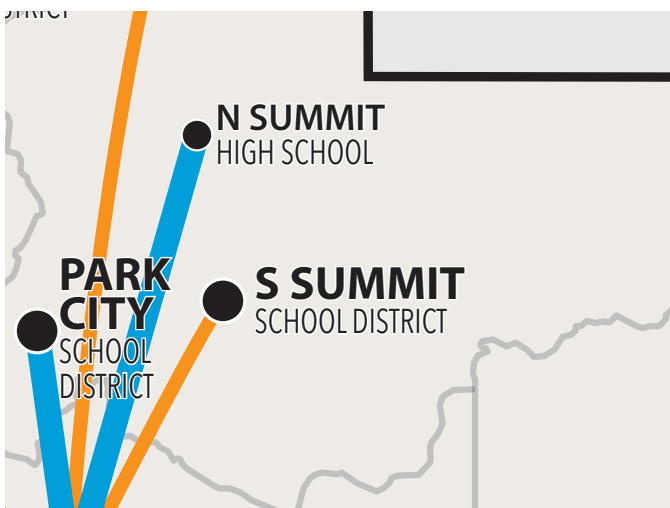
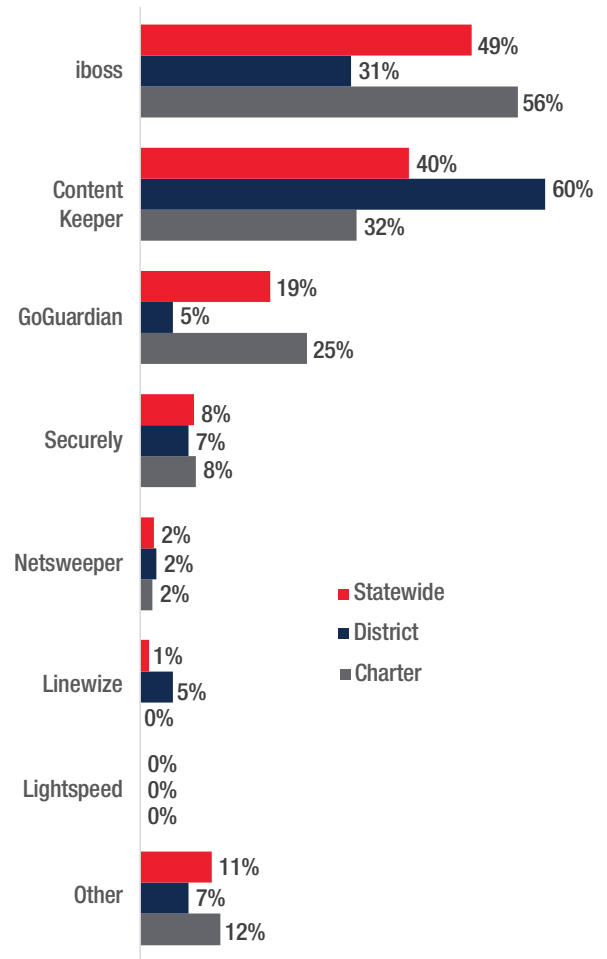


II. INVENTORY RESULTS — STUDENT TECHNOLOGY ACCESS

Additionally, to help keep students safe while online, nearly one-half of LEAs report using iboss content filtering at their schools, followed in popularity by Content Keeper tools (Figure 16). Some LEAs use multiple filtering solutions, so respondents could give more than one answer. In most cases, though, LEAs rely on a single content-filtering application.

District schools are more likely to use Content Keeper, while charter schools are more likely to opt for iboss.

FIGURE 16.
Content Filters Used By Utah Schools



C. MOBILE LEARNING DEVICE DEPLOYMENT SCENARIOS

Statewide, nearly 2 out of 5 Utah schools (38%) offer mobile learning devices on a 1:1 basis and allow students to take those devices home, maintaining a similar rate from 2021 (39%). This represents a dramatic increase from 2019, when only 6% of schools made this option available (Figure 17).

When compared to district schools, significantly fewer charter schools report having a 1:1 device deployment policy in which students are permitted to take their devices home at night; only 24% of charter schools report having such a policy, compared with 40% of district schools.

One challenge that may inhibit effective 1:1 device deployment is differences in professional development and training. More than 2 out of 5 schools (42%) say their teachers do not receive adequate training and professional development to integrate mobile learning devices into classroom pedagogy. This represents only a slight improvement from 2021, when 56% of schools reported adequate professional development and training (Figure 18).

Once again, differences arise between charter and district schools, as 68% of charter schools say they have adequate support, compared with only 57% of district schools.

FIGURE 17. Extent to Which Mobile Computing Devices Have Been Deployed in the School

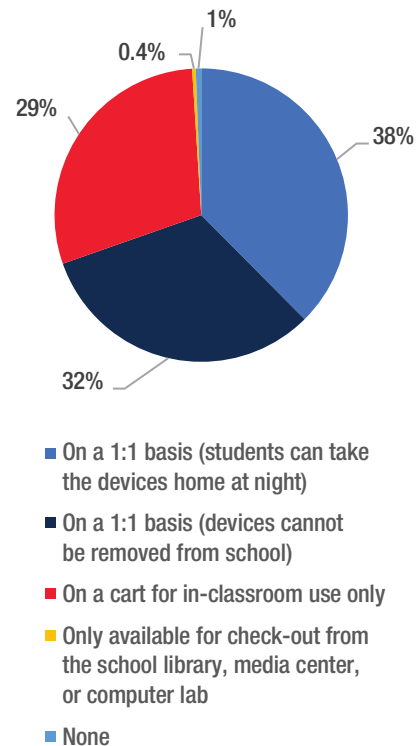
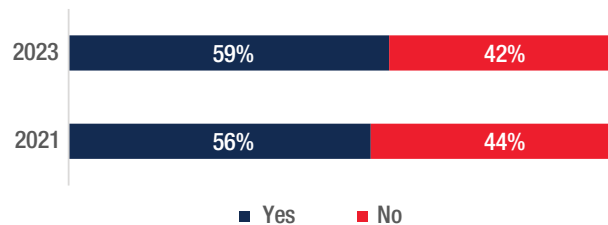


FIGURE 18. Utah Schools Reporting Adequate Professional Development Training and Training Resources to Effectively Integrate the Use of Mobile Devices



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 45% say that 80% or more of the educational spaces have adequate Wi-Fi access (Figure 19).

Schools across the state average 1.01 wireless access points per instructional space, up from 0.98 in 2021 (Figure 20).

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 each 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.

FIGURE 19.
Wi-Fi Coverage in Utah Schools

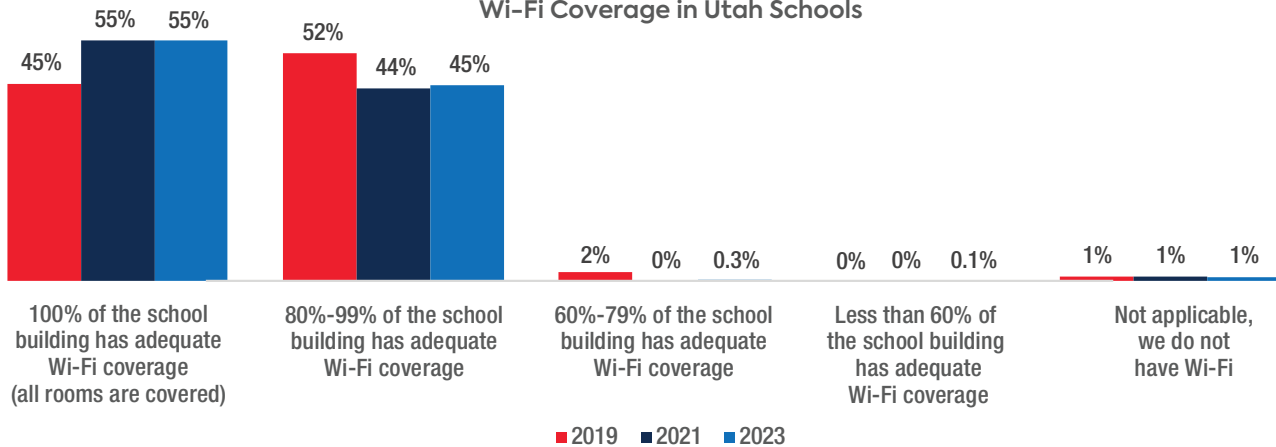
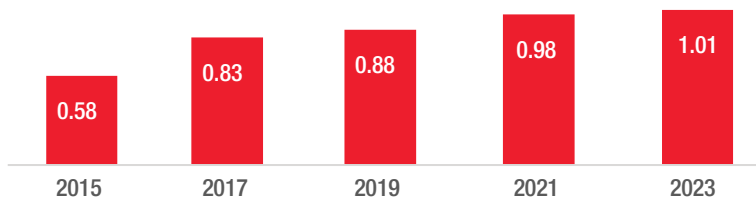


FIGURE 20.
Wireless Access Points Per Instructional Space



II. INVENTORY RESULTS — 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 21).

Statewide, 3 out of every 5 schools (60%) reported that they had zero Wi-Fi connectivity outages in the prior school year — similar to 2021 (Figure 22).

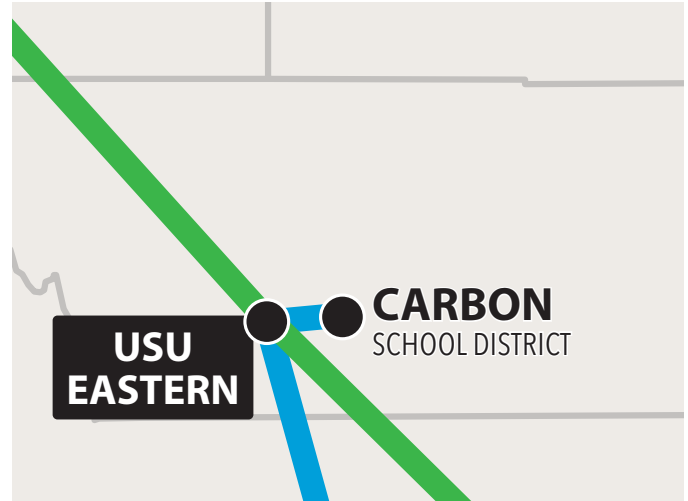


FIGURE 21. Trends in Wireless Access Points Per Instructional Space

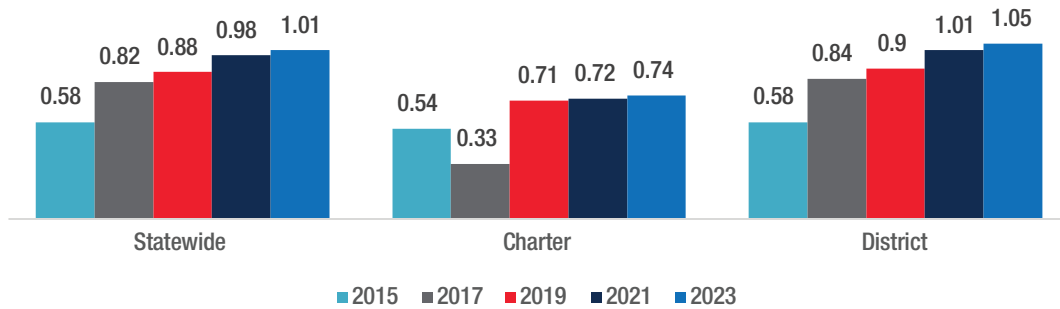
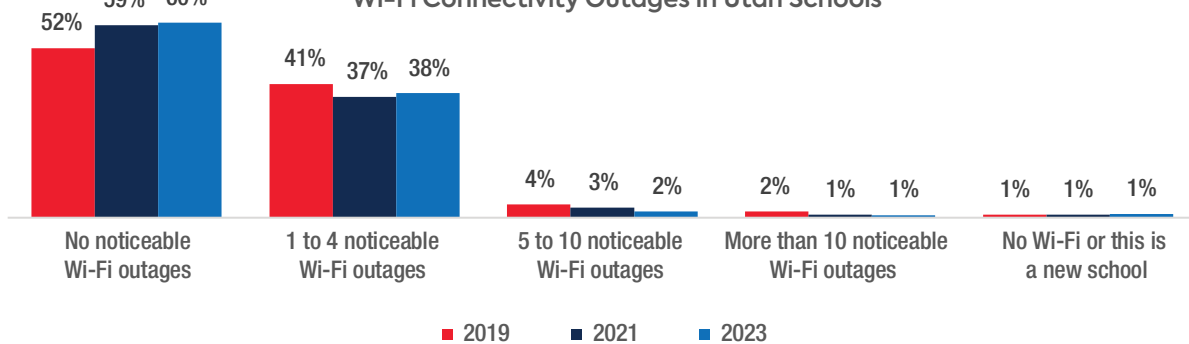


FIGURE 22. Wi-Fi Connectivity Outages in Utah Schools



II. INVENTORY RESULTS — WI-FI-NETWORKS

However, charter schools reported more connectivity outages in 2023, with more than one-half (56%) indicating that 1 to 4 Wi-Fi outages occurred during the school year (Figure 23).

Meanwhile, slightly more than 1 in 3 schools (34%) reported that they had no significant slowdowns in their Wi-Fi service during the previous school year, while the majority of schools (63%) said they experienced slowdowns less than 10% of the time during the same period (Figure 24).

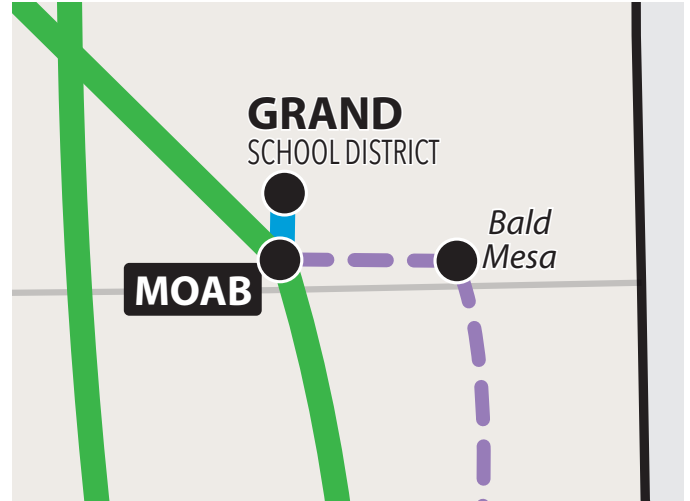


FIGURE 23. Connectivity Outages Among District and Charter Schools

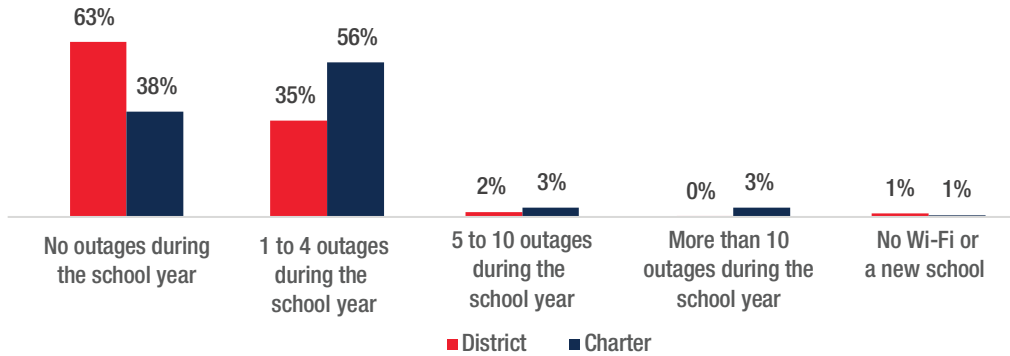
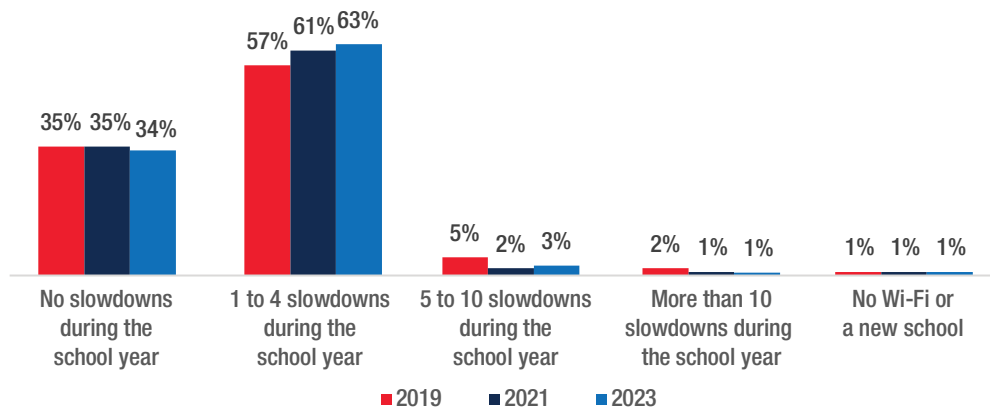


FIGURE 24. Wi-Fi Connectivity Slowdowns in Utah Schools



II. INVENTORY RESULTS — WI-FI-NETWORKS

Although district schools experienced fewer connectivity outages than charter schools, 2 in 3 district schools (66%) reported that they experienced 1 to 4 noticeable Wi-Fi slowdowns during the school year, while charter schools reported experiencing slowdowns less (Figure 25).

As connectivity in Utah schools remains steady, the Wi-Fi service standards on the access points deployed by the schools continue to improve. Although there was an increase reported in

the use of the older, slower 802.11a and 802.11b technologies, it should be noted that the inventory question in 2023 included new language, directing respondents to “select all that apply.” Despite this, only 24% of schools report relying on 802.11b, while more than one-half of schools (61%) say they are using dramatically faster 802.11ax (Wi-Fi 6) technology. (Figure 26).

FIGURE 25.
Connectivity Slowdowns Among District and Charter Schools

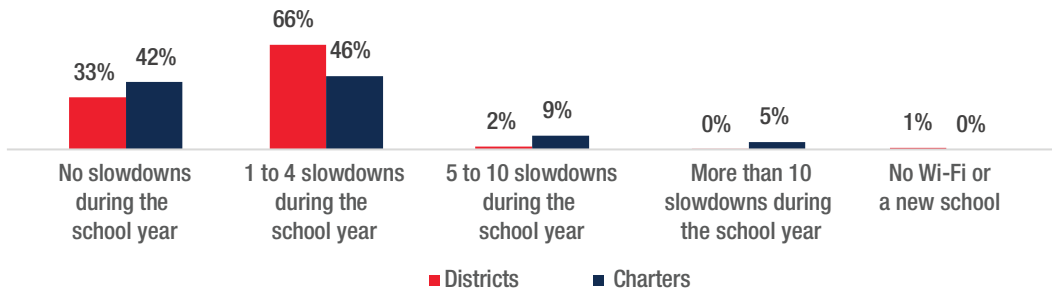
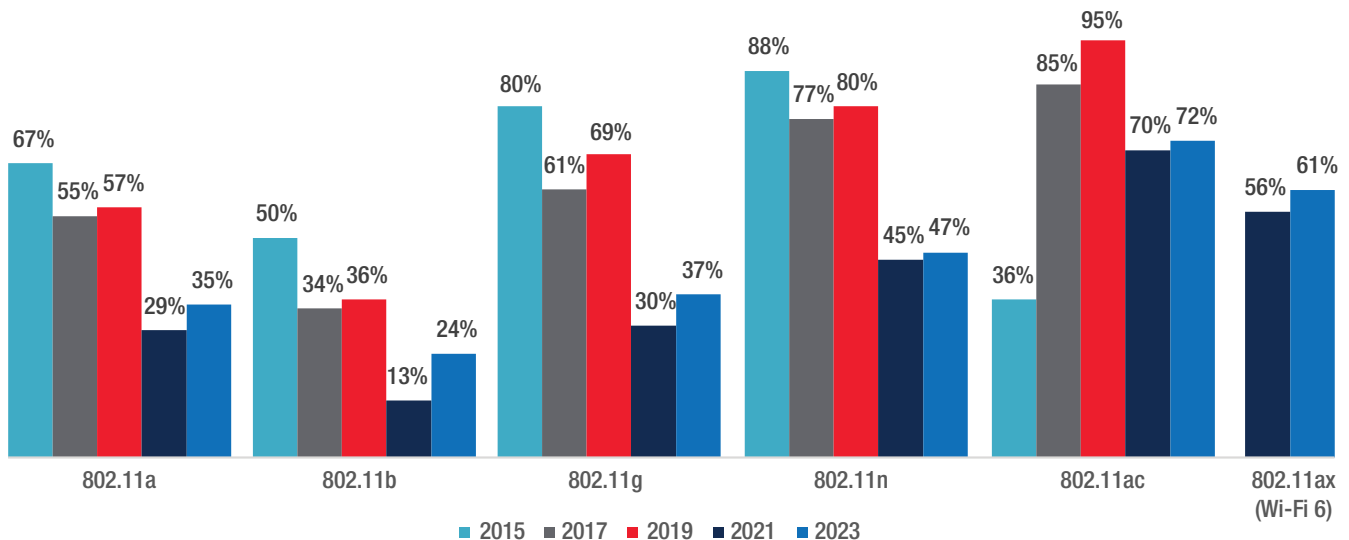


FIGURE 26.
Trends in Wi-Fi Standards Used in Utah Schools



II. INVENTORY RESULTS — WI-FI-NETWORKS

More than one-half of schools (55%) share wireless controller environments with other schools (Figure 27).

An additional 25% use cloud-based controllers, compared with 14% 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 28).

Just 6% 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.

FIGURE 27.
Wireless Controller Environments
in Utah Schools

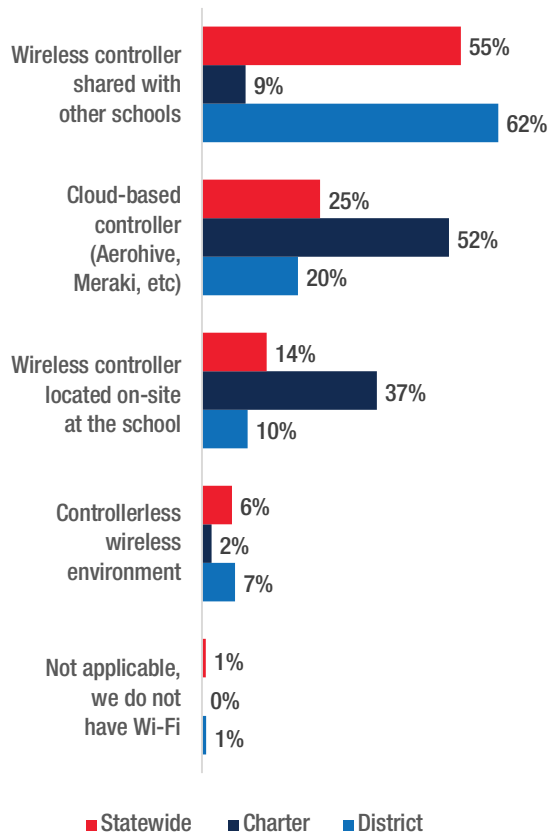
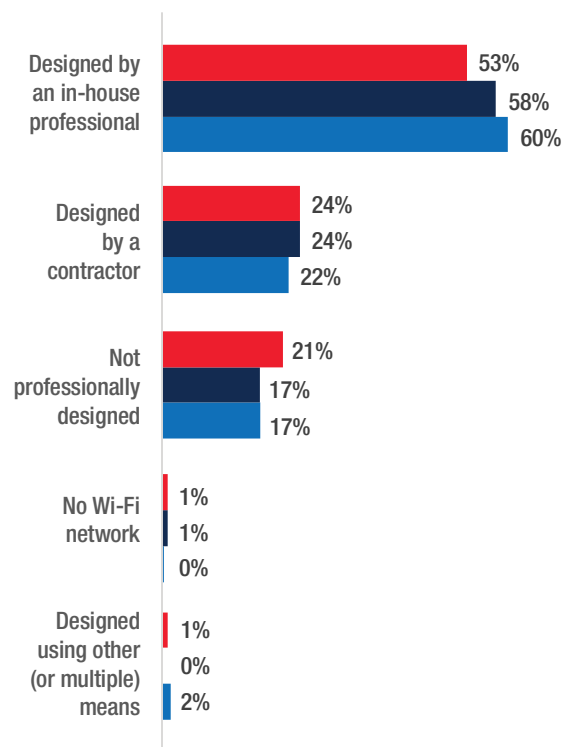


FIGURE 28.
How Wi-Fi Networks
Were Designed
in Utah Schools



While the installation of high-quality Wi-Fi networks is important, it is equally important for these networks to be tested and maintained. Nearly 1 out of 4 schools (24%) report that their Wi-Fi networks have been reviewed within the past year, down from 2021 when 29% of schools reported this (Figure 29).

By comparison, over 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, there may be new Wi-Fi network installations that have not yet warranted a post-installation review.

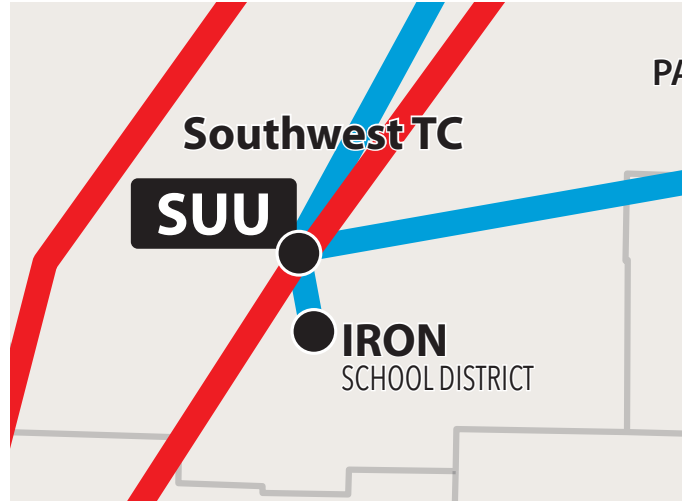
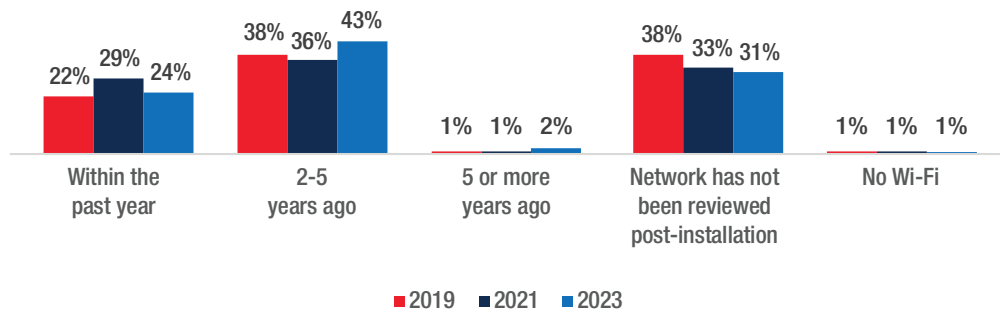


FIGURE 29. When Utah Schools Last Had Their Wi-Fi Networks Reviewed



E. TECHNOLOGY SUPPORT STAFFING

In 2023, Utah LEAs continued to increase the number of hours that staff spent per week providing technology support. In 2023, Utah LEAs reported that they dedicate 0.98 full-time equivalent (FTE) staff per 1,000 computing devices available to students (Figure 30).

These numbers represent all paid employee hours, including those who work for salary, hourly wages, stipends, interns, or other paid positions to prepare for or provide technology support for schools, districts, and charter school administrative offices. It includes those who are employed at individual schools, those who maintain district computing systems, and contractor hours dedicated to providing technical support.

As in previous years, charter schools in Utah report a higher average number of FTEs per 1,000 student devices than Utah school districts. Districts, though, saw a higher growth over time, increasing from 0.91 FTEs in 2021 to 0.96 in 2023.

LEA staff dedicated an average of 40 hours per week to technology support in 2023, up from 36.5 hours on average in 2021. However, the number of hours dedicated to technology support from contractors remained unchanged, at four hours per week on average (Figure 31).

FIGURE 30.
Technical Support FTE Per 1,000 Student Devices

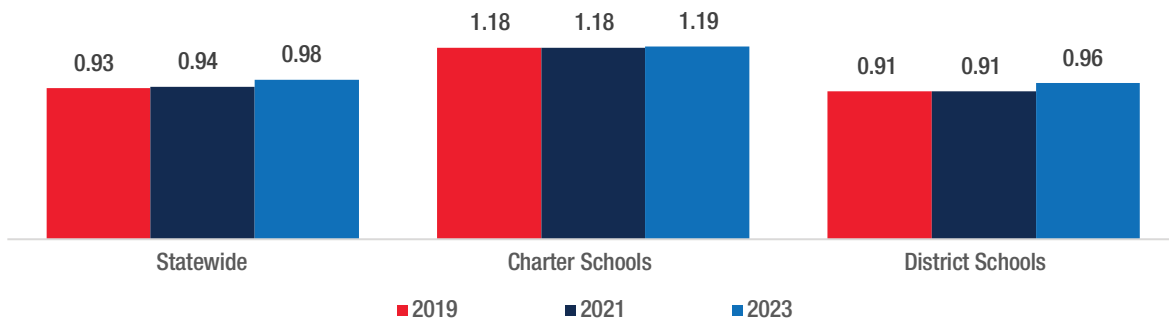
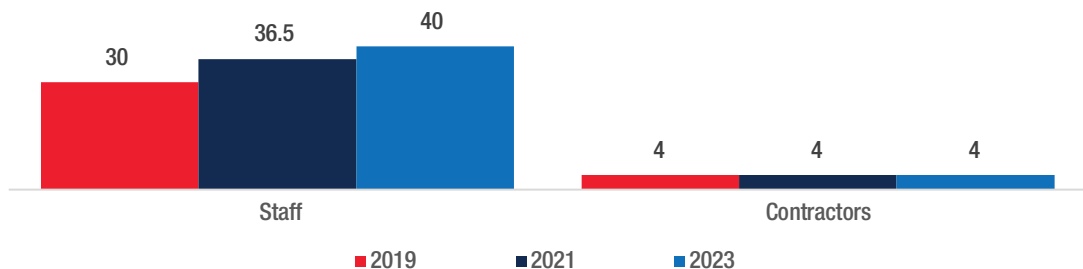


FIGURE 31.
Weekly Hours Dedicated to Technology Support



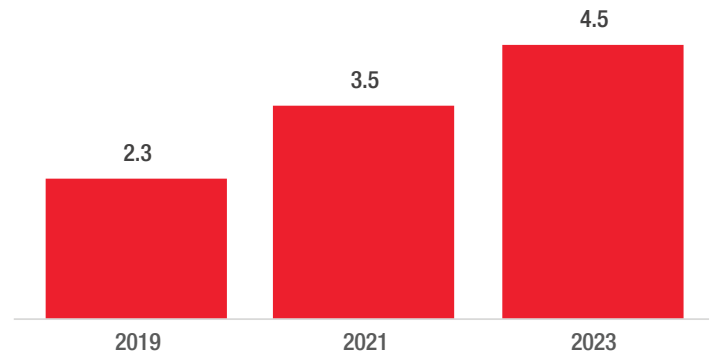
II. INVENTORY RESULTS — TECHNOLOGY SUPPORT STAFFING

With school districts typically responsible for a larger number of schools than charter schools, they also tend to dedicate more hours to this task each week. On average, school districts reported dedicating 332 hours to technology support per week, while charter schools in Utah reported that they dedicate a total of 25 hours to this task.

Meanwhile, the time spent each week dedicated to instructional technology support increased from 3.5 to 4.5 hours on average (Figure 32).

This includes 80 hours per week dedicated to instructional technology support at Utah school districts and two hours per week at charter schools. Once again, this disparity reflects the larger number of schools in most districts.

FIGURE 32.
Staff Hours Dedicated to
Instructional Technology Support Each Week



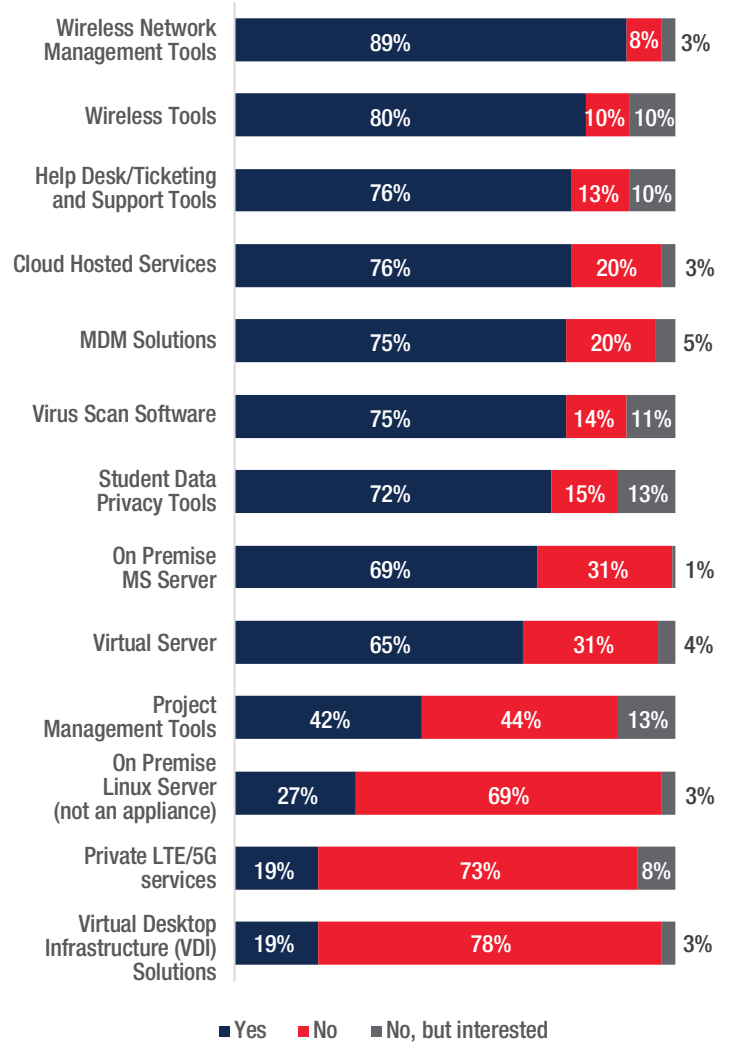
F. EDUCATIONAL SOFTWARE AND TOOLS

Managing a complex education technology ecosystem requires several software applications and tools. Technology directors must continually explore new and alternative resources that could better serve educators and students. The applications and support tools most commonly utilized by Utah LEAs are wireless network management tools, followed by wireless tools, help desk or ticketing support tools, and cloud-hosted services (Figure 33).

Private LTE or 5G services and virtual desktop infrastructure (VDI) solutions were reported as in use by the fewest LEAs. More than 1 in 8 LEAs (13%) report that they are interested in implementing student data privacy tools and project management tools, and a similar share of LEAs (11%) indicate that they are interested in acquiring virus scan software to prevent attacks on the ecosystem.

To advance student learning, LEAs identified multiple different educational apps, tools, and software as critically important. The survey results indicate that their importance differs between secondary and primary school students, but not for every educational tool.

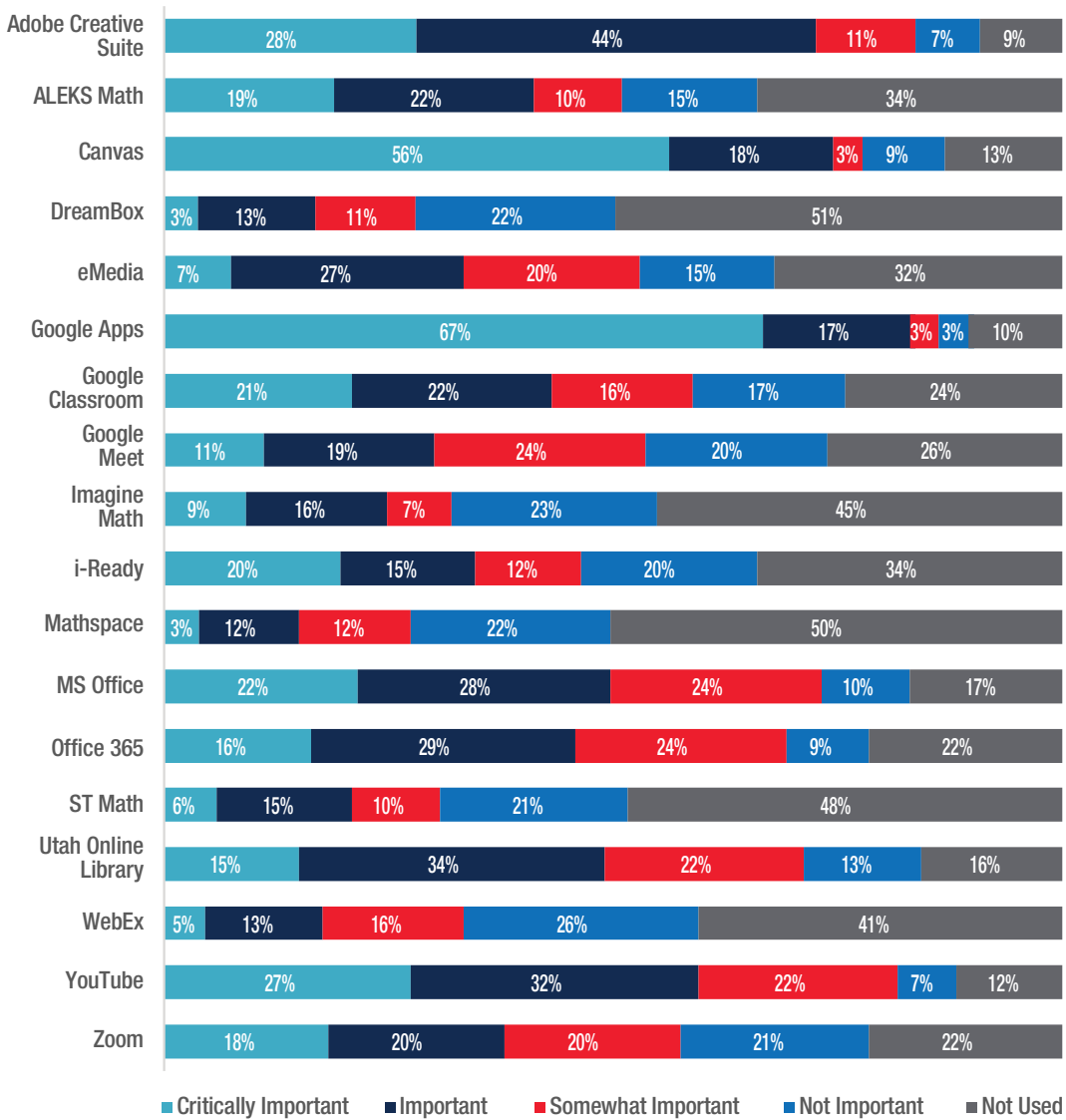
FIGURE 33.
Educational Support Tools
Used By Utah Schools



II. INVENTORY RESULTS — EDUCATIONAL SOFTWARE AND TOOLS

For secondary school students (grades 7 to 12-plus), two out of three LEAs say that Google Apps are critically important, and more than one-half (56%) say the same about Canvas (Figure 34).

FIGURE 34.
The Importance of Educational Apps, Tools, and Software for
Secondary School Students (Grades 7 to 12+)

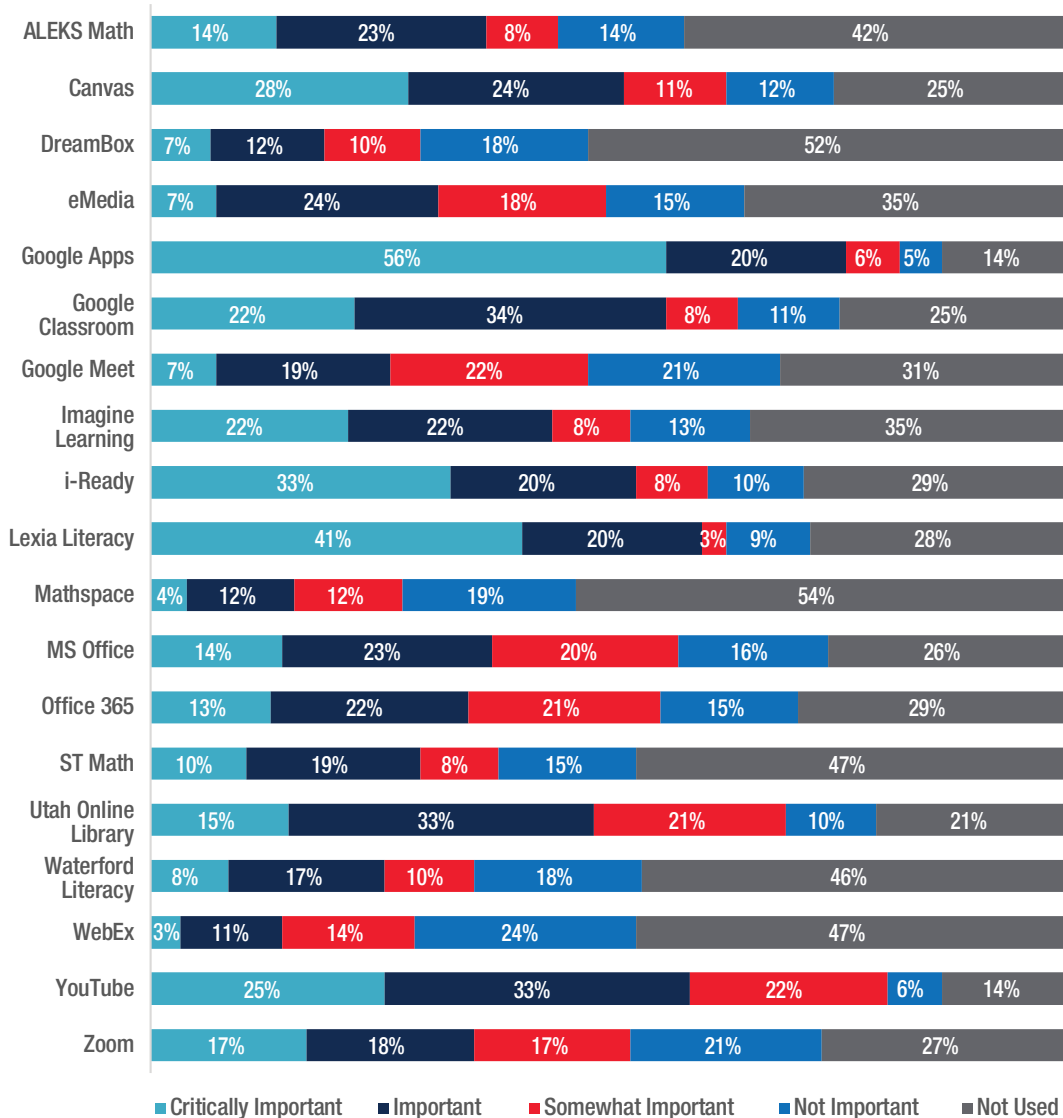


II. INVENTORY RESULTS — EDUCATIONAL SOFTWARE AND TOOLS

Similarly, for primary school students (those in Pre-K through grade 6), most LEAs (56%) indicate that Google Apps are critically important. Meanwhile, roughly 2 out of 5 (41%) said the same about Lexia Literacy (Figure 35).

Differences between the needs of primary and secondary school students are most pronounced in their use of Canvas. While over one-half of LEAs said Canvas is critically important for secondary school students, only 28% of LEAs said the same for primary school students.

FIGURE 35.
The Importance of Educational Apps, Tools, and Software
for Primary School Students (Grades Pre-K to 6)



II. INVENTORY RESULTS — EDUCATIONAL SOFTWARE AND TOOLS

LEAs across Utah also deploy a variety of solutions for their assessment needs. Apart from solutions offered by the state, the largest share of schools uses NWEA, followed by iReady and Mastery Connect (Figure 36).

Schools also depend on student information systems (SIS) to maintain their records while protecting private and sensitive information. Since 2015, Aspire has consistently been the top SIS choice for most of Utah’s LEAs (Figure 37).

FIGURE 36.
Top Assessment Solutions Used by Schools

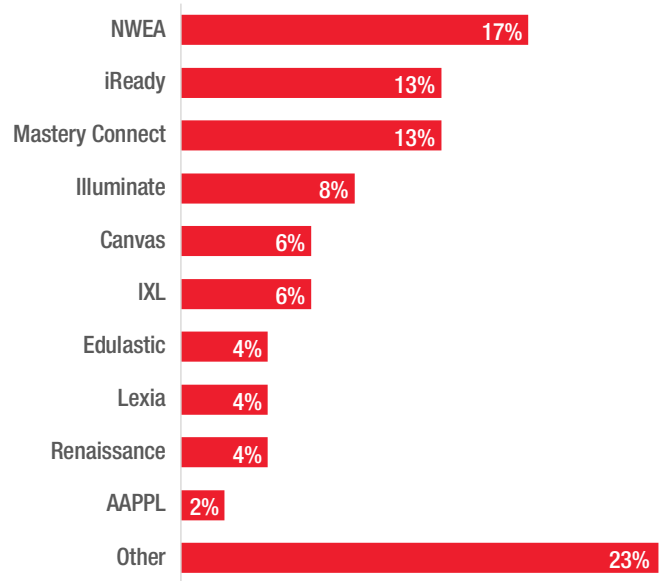
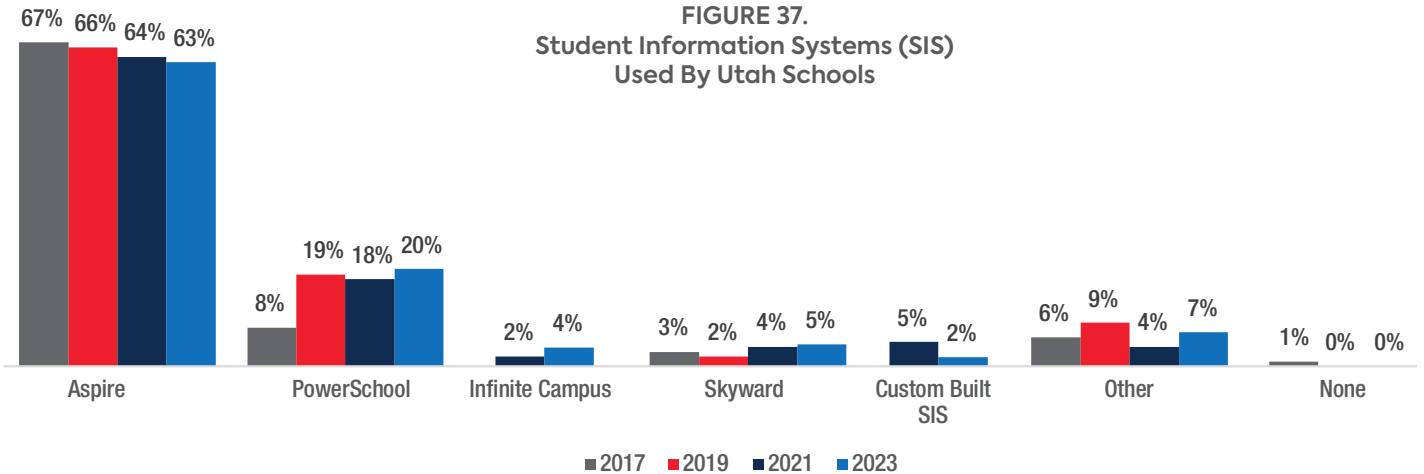


FIGURE 37.
Student Information Systems (SIS)
Used By Utah Schools



II. INVENTORY RESULTS — EDUCATIONAL SOFTWARE AND TOOLS

Almost 2 out of 3 LEAs (63%) report that they use Aspire for their SIS. PowerSchool is the second most popular choice, utilized by 20% of LEAs.

This does not necessarily mean that many Utah students attend schools that use Aspire as their SIS. While only 5% of LEAs use Skyward as their SIS platform, these LEAs are some of the largest in the state; as a result, 3 in 10 Utah students (30%) attend schools in LEAs that rely on this SIS (Figure 38).

In contrast, even though roughly two-thirds of LEAs use Aspire as their SIS, these tend to be smaller LEAs. Fewer than one-fifth of students (16%) attend schools in LEAs that use Aspire for their SIS.

To organize and monitor school technology information on their networks, nearly 9 out of 10 LEAs (88%) rely on Google products for their directory services (Figure 39).

FIGURE 38.
Percentage of Students
Attending Schools That Employ
Each Student Information System (SIS)

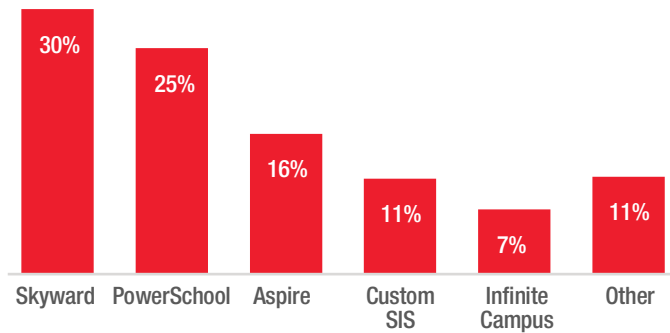
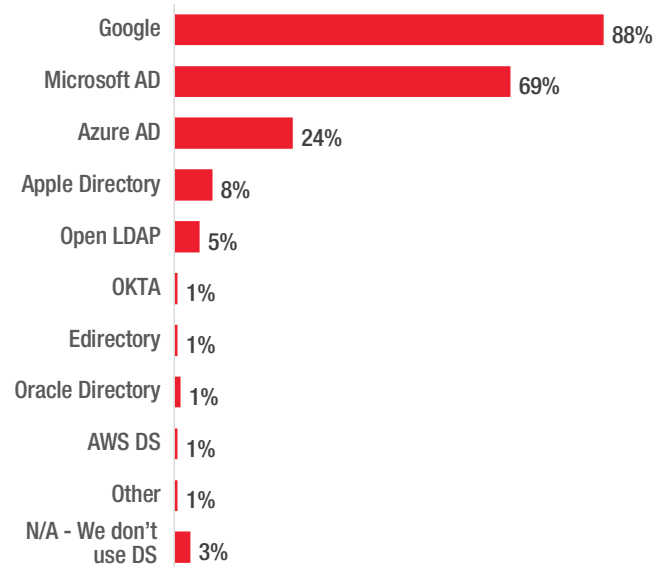


FIGURE 39.
Directory Services (DS) Used for
Teacher and Student Accounts
in Utah Schools



II. INVENTORY RESULTS — EDUCATIONAL SOFTWARE AND TOOLS

Nearly 7 out of 10 LEAs (69%) report that they utilize MAD for both student and teacher directory service needs, while nearly 1 in 4 (24%) use Azure AD. Many LEAs use multiple directory service tools, so the responses do not equal 100%.

Additionally, many schools now rely on digital textbook licenses alongside (or in place of) physical textbooks. Across the state, more than 7 out of 10 schools (71%) say they own digital licenses for at least some textbooks, and another 14% own digital licenses for all their textbooks (Figure 40).

The share of schools that own digital licenses for at least some of their textbooks has remained largely constant since 2019 (Figure 41).

Charter schools are more likely to report that they do not own any digital textbook licenses (22%) compared to district schools (5%). They are also less likely to own licenses for a portion of their textbooks. However, only slightly fewer charter schools report owning digital licenses for all their textbooks, compared to district schools (Figure 42).

FIGURE 40.
Schools Owning Digital Textbook Licenses

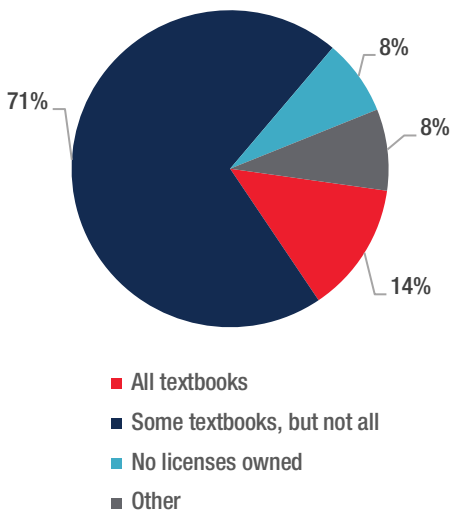


FIGURE 41.
Trends In Digital Textbook License Ownership

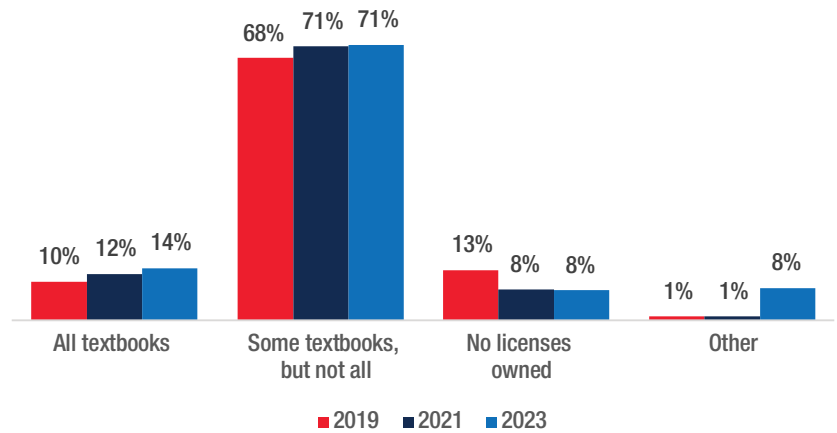
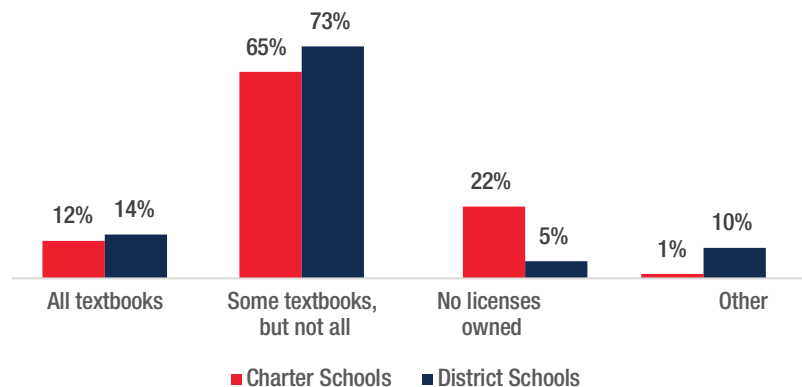


FIGURE 42.
Digital Textbook Licenses Among Charter and District Schools



II. INVENTORY RESULTS — EDUCATIONAL SOFTWARE AND TOOLS

Some schools own licenses for only some of the subjects they teach; among those schools, 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 (Figure 43).

Many Utah schools indicate a need for new instructional tools or software, with those related

to student content production (like coding or video editing) being the top identified need (45%). Software for students with special needs, teacher professional development software, and tools for studying science are also in high demand. Statewide, fewer than 1 in 4 schools (22%) report having all the instructional software or digital tools they need (Figure 44).

FIGURE 43.
Digital Textbook Licenses Among Schools
that Do Not Own Licenses for Every Subject

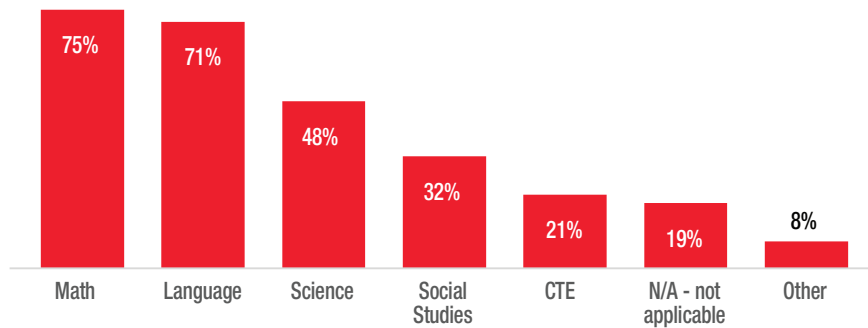


FIGURE 44.
Schools Reporting a Need for Instructional Tools or Software



II. INVENTORY RESULTS — EDUCATIONAL SOFTWARE AND TOOLS

Since 2021, the need for most types of additional digital instructional tools or software has either decreased or remained steady (Figure 45).

Some types of software tools are in slightly greater demand, including research database tools, learning management systems, test preparation software, counseling and comprehensive guidance tools, and teacher professional development software.

In 2023, charter and district schools reported significant needs for new instructional tools or software. Charter schools are more likely to report that they already have what they need (33%) than district schools (21%).

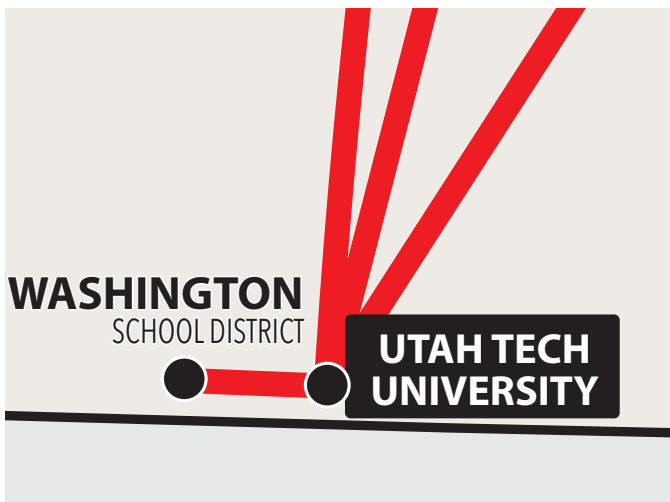
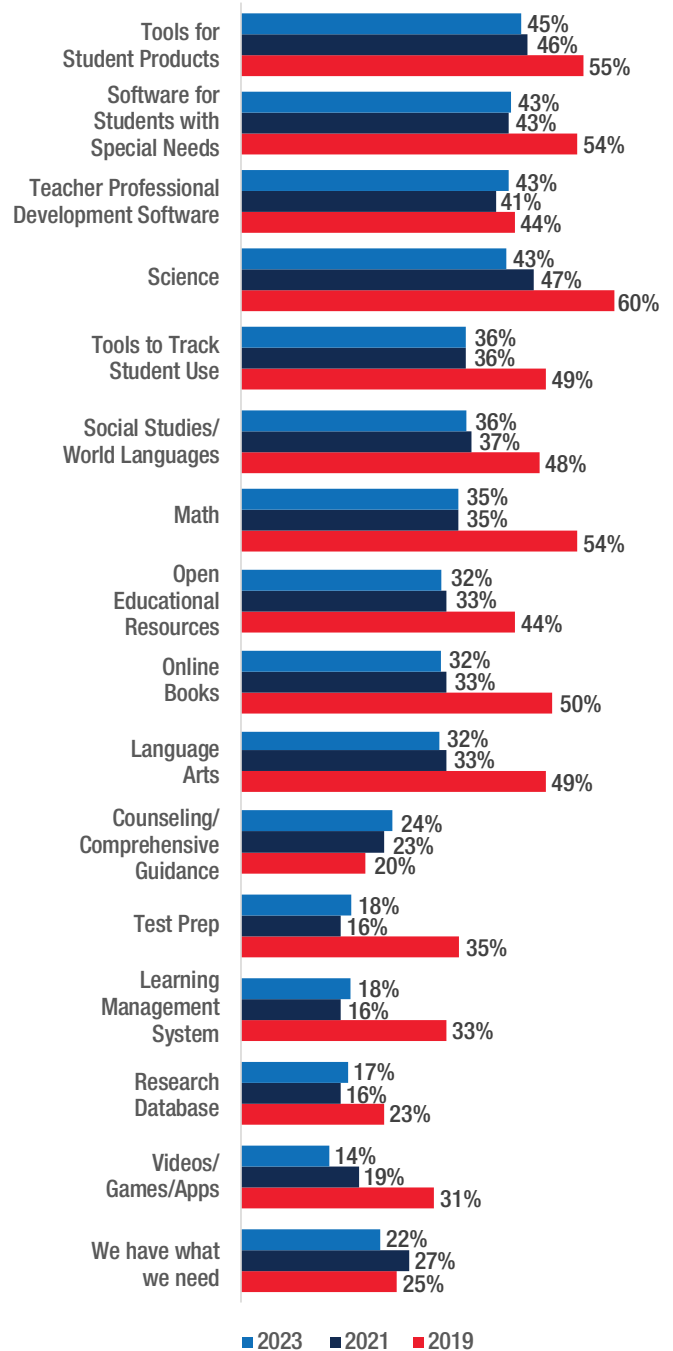
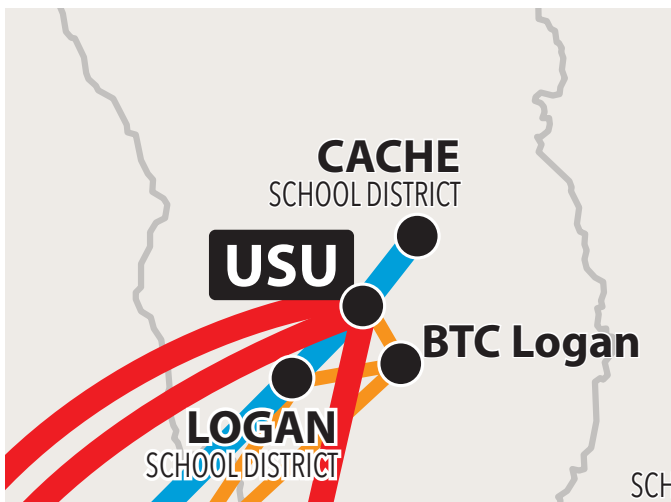
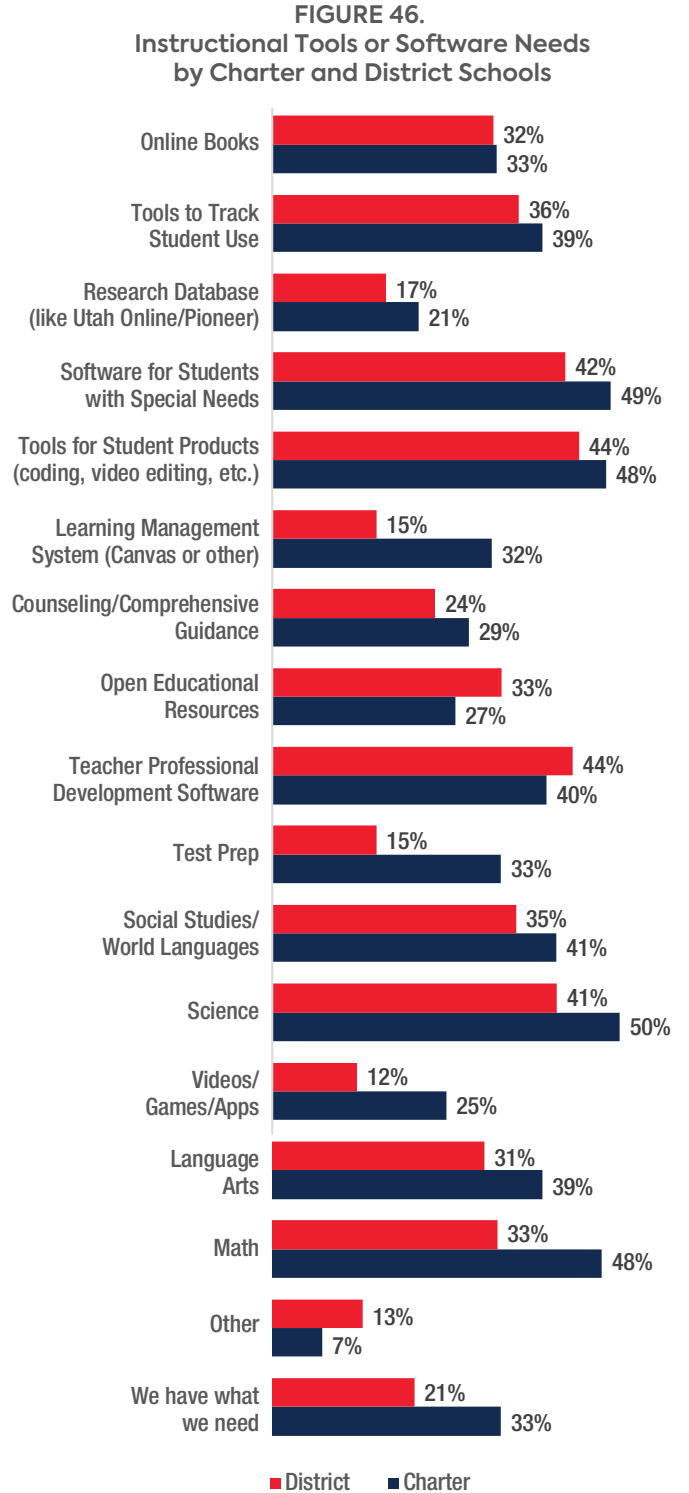


FIGURE 45.
Trends in Instructional Tool or Software Needs



II. INVENTORY RESULTS — EDUCATIONAL SOFTWARE AND TOOLS

That said, more charter schools report software needs in the areas of math, language arts, science, social studies or world languages, videos/games, learning management, test prep, research databases, tools to track student device use, counseling tools, tools for student products, online books, and software for students with special needs. By comparison, district schools are more likely to report needs in the areas of professional development and open educational resources (Figure 46).



III. INVENTORY OVERVIEW AND METHODOLOGY

A. INVENTORY ORIGINS

This 2023 report marks the fifth time CN and UEN have partnered to complete the Utah School Technology Inventory. Since 2015, this comprehensive collection of data every two years has been used by policymakers to guide various decisions at the state, district, and local levels. With 100% participation by Utah public charter and district schools for every report in 2015, 2017, 2019, 2021, and 2023, this inventory thoroughly examines school technology in various areas. This year’s inventory includes 1,034 schools serving more than 667,786 students.

Since the project’s inception in 2015, CN has focused efforts on six pillars essential to project success, from project management techniques to relationship management, and more. As with previous years, CN delivered, along with this final report, a comprehensive dataset representing over 80,000 unique points of interest per inventory, support of an updated and streamlined data collection portal housed within UEN, updated survey design and questionnaire, an impactful communications and outreach strategy, and a preliminary report of findings. Details on these activities are described at right.

CONNECTED NATION’S SIX PILLARS ESSENTIAL TO PROJECT SUCCESS

RELATIONSHIP MANAGEMENT

Identifying key points of contact and building relationships that resulted in effective and timely participation

PROJECT MANAGEMENT

Managing processes, reports, and deliverables throughout the duration of the project, especially given the short timeline

PORTAL REFINEMENTMENT

Enhancing and refining the online portal for streamlined data gathering, focusing on optimizing user experience and improved functionality.

DATA COLLECTION DESIGN

Leveraging Connected Nation’s previous school technology survey and data collection experience to update a data collection process that was efficient and effective

COMMUNICATIONS

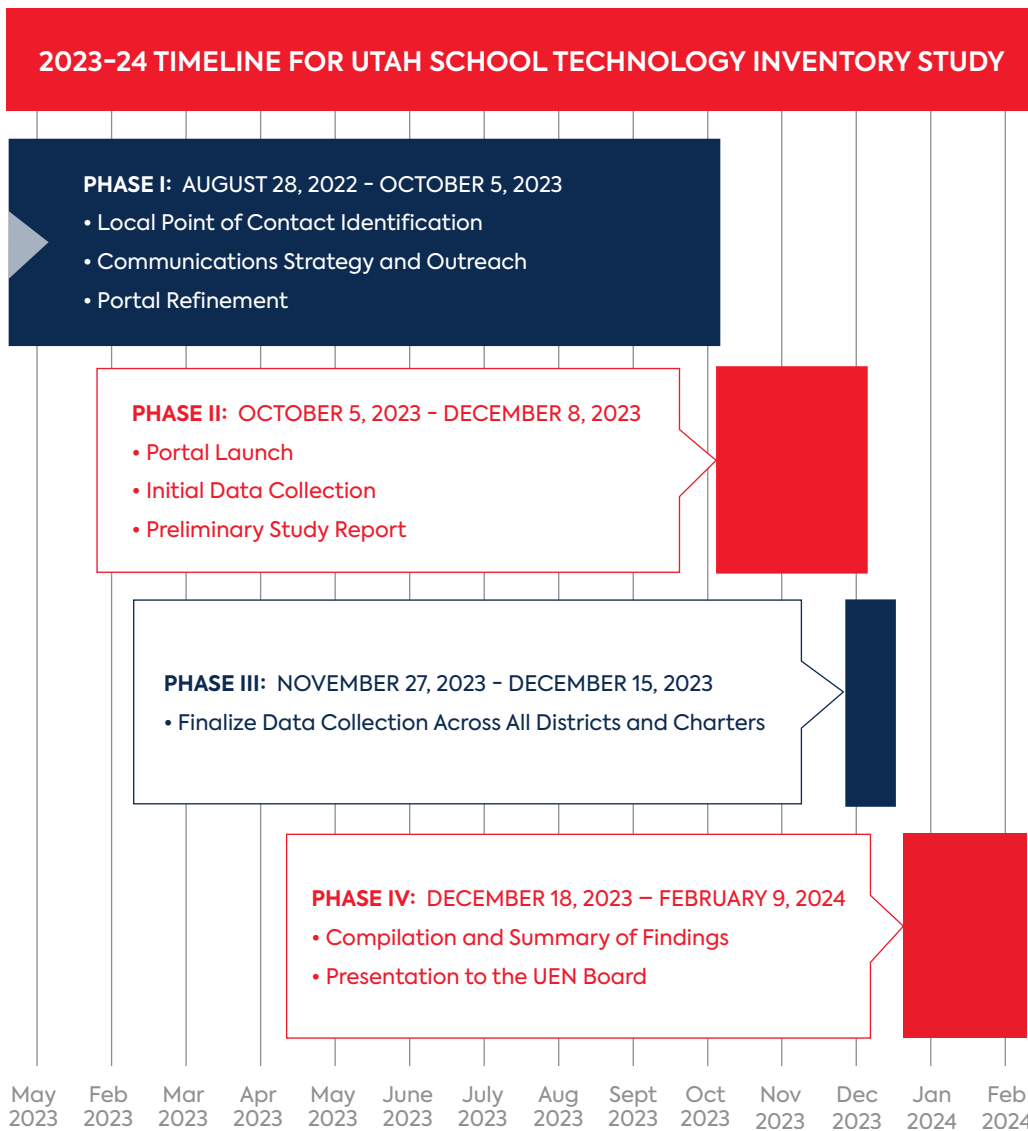
Developing an effective internal and external communications plan to efficiently garner school participation

SUSTAINABILITY PLANNING

Ensuring that sustainable tools and processes were developed that will support future data collection cycles by UEN

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.



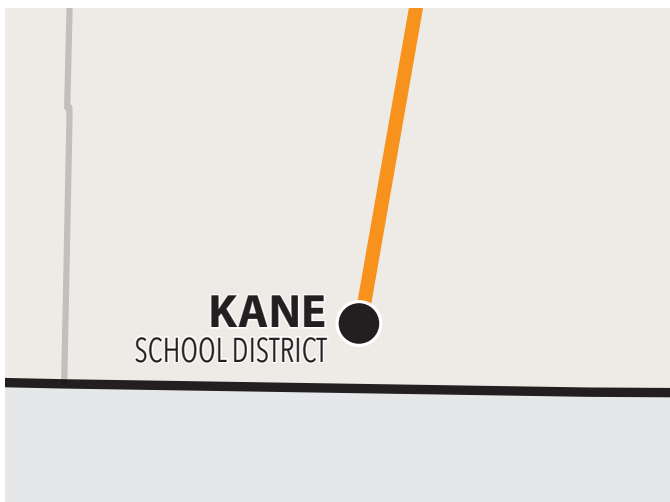
B. SURVEY DESIGN AND PORTAL DEVELOPMENT

The UEN School Technology Inventory portal was redesigned for the 2019 inventory, following several months of research, development, focus groups, and surveys. Since then, UEN has worked to continuously improve the portal's performance and streamline processes for LEAs in submitting their data. CN and UEN again made updates to this year's portal and sought input and feedback from users. Below are some key updates:

- **Addition of autosave functionality while adding data to the portal.**
- **A new announcement feature allows UEN to share systemwide announcements in a banner viewable on the school district or charter dashboard.**
- **Updates the frequently asked questions.**
- **Fixed various issues detailed during discussions with stakeholders.**

In preparation for the portal launch and subsequent inventory, UEN collaborated with CN and stakeholders from school districts and charters to review the survey questions included in the 2020 School Technology Inventory. The aim was to make updates that account for the evolving technology needs and issues in schools. Once the changes were discussed and reviewed, they were added to the portal. The team was then tasked with testing the portal to ensure that there were no design issues or misunderstandings related to the newly added questions.

Refinements to the portal were successful and resulted in CN and UEN receiving very minimal technology support requests from school districts and charters during the most recent inventory.

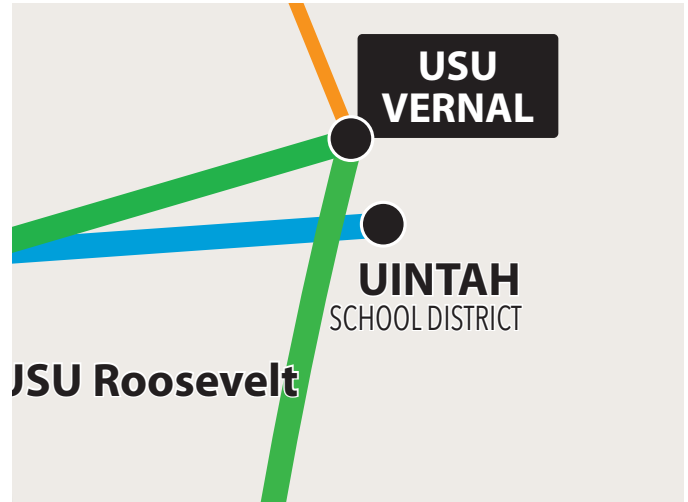


C. OUTREACH PROCESS

I. DATA COLLECTION MANAGERS

While the data is collected through the inventory portal, the process of collecting it results from the work of many people, including CN’s two Data Collection Managers who serve as the points of contact for the LEAs who complete the inventory for the schools. The Data Collection Managers have served in the same capacity for all five iterations of the project, and this consistency has built many trusted relationships over the years that serve this project well.

The Data Collection Managers personally contact every school LEA, often multiple times, to ensure inventory completion, providing assistance and support during the process. They troubleshoot any problems that arise, answer questions, particularly for new LEAs, and provide reminders during busy fall school sessions. Their ability to serve as the point of contacts and reach out personally in a variety of ways has been a key to the successful participation of all schools.



II. COMMUNICATIONS STRATEGY

External Communications

To increase project visibility and promote participation in the inventory, CN and UEN promoted the Utah School Technology Inventory across multiple media communications platforms, including UEN’s “News and Notables” page through www.uen.org and social media channels.

Additionally, the communications team at CN worked with UEN to collect impact stories about Utah school districts that benefited from using the UEN technology inventory. CN interviewed school leaders, including those with Iron and Canyons School Districts and Vista School, and wrote technology-impact articles. The stories were distributed on UEN social media channels and released on the website at <https://www.uen.org/schooltech>.

These communications strategies enhanced the data collection efforts, helped to tell the stories of schools and districts and their experiences with digital teaching and learning, and aided in 100% participation from all Utah LEAs.

Conference Calls and Webinars

Through frequent internal touch points between CN and UEN, from the project’s earliest stages until its conclusion, clear and consistent internal communication remained a priority and necessity. CN and UEN also hosted two demonstration webinars regarding the data collection portal, which allowed school and district points of contact the opportunity to learn how to use the application and ask questions regarding the information being collected. The webinar was recorded and made available online on the uen.org website.



Students from Iron County School District



Student from Canyons School District

PUBLICATIONS SUPPORTING THE 2023 SCHOOL TECHNOLOGY INVENTORY

Date of Publication	School District	Title	Publication or Organization	Link to Story
10/5/23	N/A	Gathering Inventory: Utah Education Network asks school districts to track technology in classrooms	Utah Education Network	uen.org/news/article.php?id=1392
10/5/23	N/A	Utah Education Network asks school districts to track technology in classrooms	Connected Nation	connectednation.org/press-releases/gathering-inventory-utah-education-network-asks-school-districts-to-track-technology-in-classrooms
11/14/23	Canyons	Fostering education: How technology drives collaboration in the Canyons School District	Utah Education Network	uen.org/schooltech/matters/2023/canyons.shtml
11/14/23	Canyons	Fostering education: How technology drives collaboration in the Canyons School District	Connected Nation	connectednation.org/blog/fostering-education-how-technology-drives-collaboration-in-the-canyons-school-district
12/5/23	Iron County	Technology inventory drives improvement in the Iron County School District	Utah Education Network	uen.org/schooltech/matters/2023/iron.shtml
12/12/23	Vista School	Exploring new technologies: How Vista School is using integrated tech in and out of the classroom	Utah Education Network	uen.org/schooltech/matters/2023/vista.shtml
12/12/23	Vista School	Exploring new technologies: How Vista School is using integrated tech in and out of the classroom	Connected Nation	connectednation.org/blog/exploring-new-technologies-how-vista-school-is-using-integrated-tech-in-and-out-of-the-classroom
12/21/23	N/A	Technology report shows increasing connectivity in Utah schools	Utah Education Network	uen.org/schooltech/matters/2023/results.shtml
12/21/23	N/A	Technology report shows increasing connectivity in Utah school	Connected Nation	connectednation.org/blog/exploring-new-technologies-how-vista-school-is-using-integrated-tech-in-and-out-of-the-classroom

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

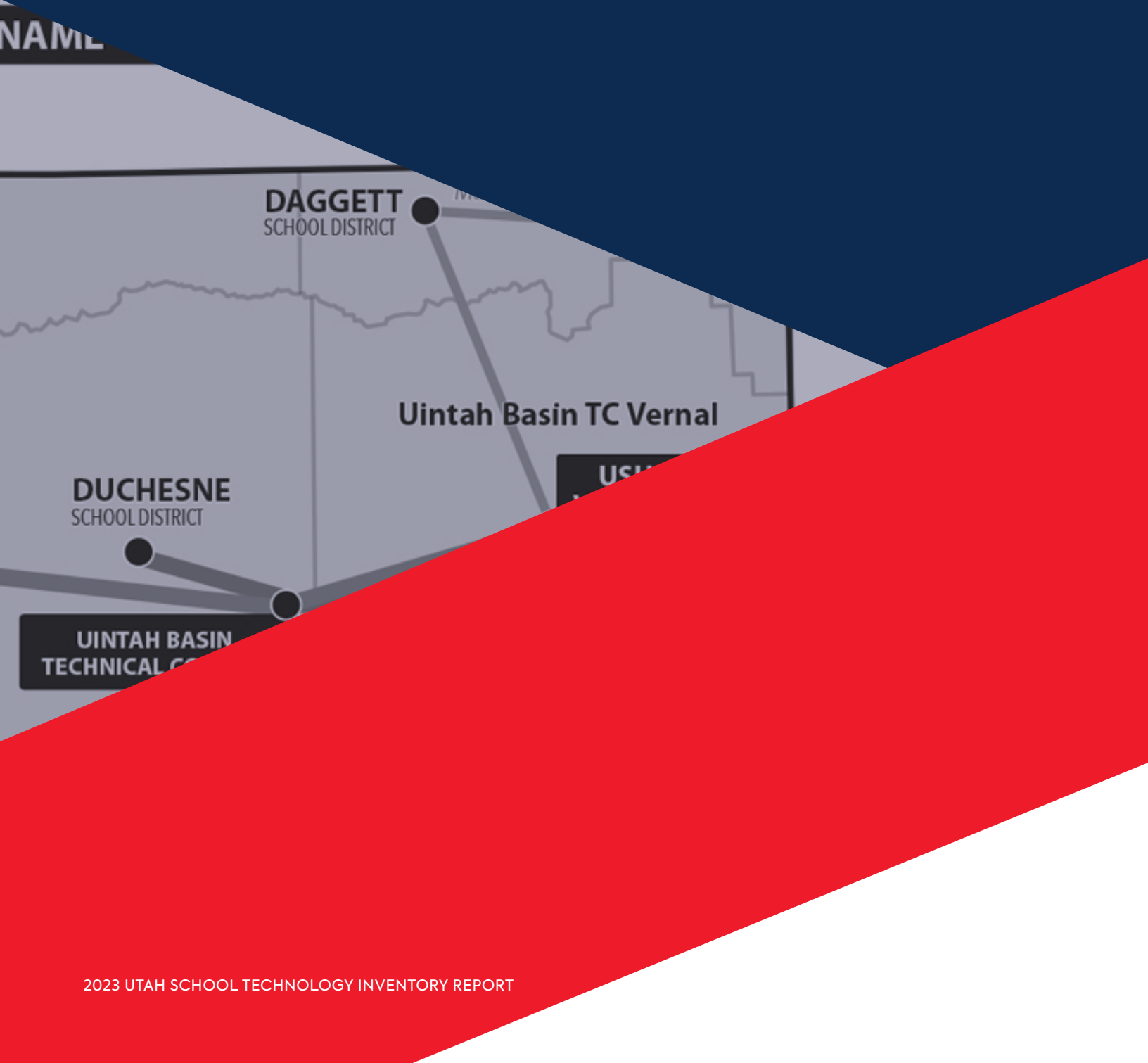
V. CONCLUSION

Utah students need a variety of digital tools and technology to support their learning needs. School leaders and lawmakers must know what those needs are, as well as what resources are currently available and being utilized, in order to make informed decisions. This report provides the critical information needed to inform this decision-making.

For the fifth consecutive time, the Utah Education and Telehealth Network (UEN), in collaboration with Connected Nation (CN), completed the state's School Technology Inventory to collect this valuable data. Some information will not be surprising to many, such as the increase in tablet devices and decrease in desktop computers for students. Other findings may be more surprising, such as the age of wired and wireless devices in schools. Lawmakers and school leaders can use the comprehensive information in this report to assess important decisions affecting the learning environments for thousands of Utah students.

As we all learned during the height of the COVID-19 pandemic when schools were closed, the availability of technology, digital resources, reliable Wi-Fi connections, and information was vital to continued learning. Fortunately, Utah school leaders were already equipped with many of these resources thanks to the data collected in previous school technology inventories. Every two years, UEN conducts this important work, providing crucial information so that Utah students can continue to learn with the best tools possible, and school leaders can continue to adapt to their changing needs.

APPENDIX A: HOUSE 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.

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;

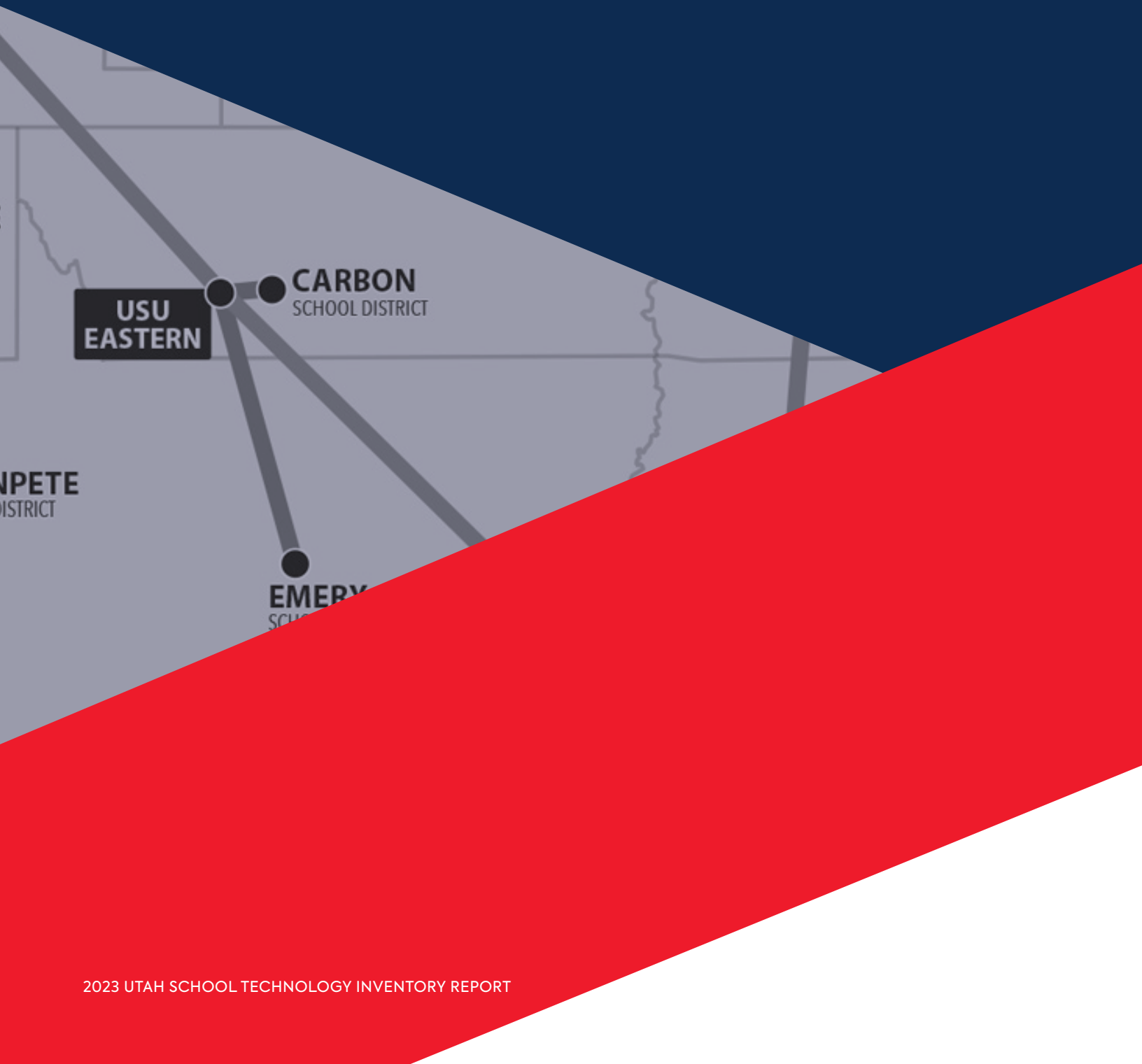
374 (5) the Utah Education and Telehealth Network use the \$1,000,000 one-time
375 appropriation to the Utah Education and Telehealth Network for infrastructure and other
376 technology for LEAs; and

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 2023 - 1-10-2023 - Final

The *italics indicated in blue text* denote new questions and/or response options, while **bold text highlighted in red** means changes to a word or question for 2023

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:

Updated questions (next three) (add nearpod and Derivita)

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 secondary (7-12+) grades schools/students?

	1-not important	2-somewhat important	3-important	4-critically Important	NA-is not used
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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Adobe Creative Suite	<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"/>
ALEKS Math	<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"/>
i-Ready	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Imagine Math (Think Through Math)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mathspace	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
DreamBox	<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"/>
You Tube	<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"/>

4. 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 elementary (preK-6) grades schools/students

	1-not important	2-somewhat important	3-important	4-critically Important	N/A-is not used
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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ALEKS Math	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Imagine Math (Think Through Math)	<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"/>
Mathspace	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
DreamBox	<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"/>
You Tube	<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 in a statewide purchasing contract that my district can purchase from (E.g. filtering)
Virtual Server	<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"/>
Virus Scan Software	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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"/>
Student Data Privacy Tools	<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. Are there any assessment solutions that you are using beyond those provided by the state (please list the solution(s) or NA for none). (open ended)

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

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

9. Does your district utilize any of the following Directory Services (DS) for teacher and student accounts? (check all that apply)

- Microsoft AD
- Apple's Directory
- Google
- Edirectory
- OKTA
- Azure AD
- Oracle Directory
- Open LDAP
- AWS DS
- NA - We don't use DS
- Other

10. Does your district or charter school have individual email 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 email accounts?

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

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

- Cisco
- Palo Alto

- *Meraki*
- *Sophos*
- *PFSense*
- *Fortinet*
- *Ubiquity*
- *Other* _____

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

- *Content Keeper*
- *Iboss*
- *Netsweeper*
- *Securely*
- *Lightspeed*
- *GoGuardian*
- *Linewize*
- *Other* _____

14. 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)

14a. If yes, which of the following service solutions do you provide:

1. Wired Internet Subscription Service (provided via a local ISP)
2. Mobile Vendor Provided wireless (LTE/5G)
3. Wi-Fi Access Points on Buses (parked in the community)
4. LEA provided wireless services
5. Other - please explain [open text field]
6. N/A, we don't provide remote access for students -

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

[Response is 0 to 100 percent]

16. Is the list of schools (and associated contact information, etc.) reflected in this portal accurate and up-to-date for your LEA?

17. If not, why? (if yes, mark NA)

School Level Questions

18. School Name

19. NCES School ID Number

20. School Physical Address

21. What type of school is this?

- District School
- Charter School

22. School Category

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

23. 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)

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

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

26. 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)

27. Has your school collected data on the percentage of students that do NOT have adequate internet access for real-time remote/off-campus learning? (Adequate access is defined as access that provides sufficient bandwidth and network reliability to support remote or off-campus learning).

Yes, what percentage of students do NOT have adequate access (0-100%)?

No, this school has not collected data

28. 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 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 households) access in the home
- Too many people in a household accessing the internet at the same time
- **N/A 100% of the students have adequate access**
- **Other [open response field]**

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

30. 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

31. 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

32. 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

33. 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%

34. 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

35. What wireless standard(s) is/are deployed by the wireless APs currently serving the school?

(select all that apply)

- 802.11a
- 802.11b
- 802.11g
- 802.11n
- 802.11ac
- 802.11ax (Wi-Fi 6)

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

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

37. 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

38. 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

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

- Yes
- No

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

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

41. Are you currently changing or considering changing to a new standard network switch vendor? If yes, please list the vendor (use NA if no)

If yes add the options from above -

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

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

- Less than 1 Gbs
- 1 Gbs

- 2 Gbs up to 10Gbs
- 10 Gbs:
- over 10Gbs

43. 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

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

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

45. 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

46. 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

47. 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		

48. The school's typically device/computer refresh cycle for students is

- 1-2 years
- 3-4 years
- 5-6 years
- Over 6 years

49. The school's typically device/computer refresh cycle for teacher and staff is

- 1-2 years
- 3-4 years
- 5-6 years
- Over 6 years

50. 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

51. 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

52. 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?

53. 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

54. In your judgment, 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)

APPENDIX C: ABOUT CONNECTED NATION



About CN

About Connected Nation

CN is a 501(c)(3) nonprofit corporation with a core mission to improve lives through the expansion of technology. Improving internet connectivity (broadband or otherwise) is, and has been, our sole focus. CN brings mission minded experts from various disciplines together to examine the issues and opportunities for advancing broadband access, adoption, and use. CN appreciates the complexities of the broadband ecosystem and have built an experienced team of telecommunications engineers, researchers, data analysts, geospatial professionals, digital inclusion specialists, policy analysts, community relations leaders, digital literacy experts, and professional planners to look at this ecosystem holistically through various lenses. For more than 22 years, CN has been honing, refining, and adapting our approach to improve the broadband landscape at the federal, state, and local levels.

Leader in the NTIA State Broadband Initiative

In 2009, CN became the single most prolific broadband data collection and planning entity in the country under the State Broadband Initiative (SBI) grant program administered by the National Telecommunications and Information Administration (NTIA). Over the course of the five-year SBI grant program, the CN team processed, prepared, and delivered over 54.5 million broadband records in 110 fully compliant and on-time data submissions to the NTIA, for 12 states and the Commonwealth of Puerto Rico through state-based broadband public-private partnerships.

Unbroken Record of Broadband Mapping

After the SBI program ended, CN kept working with several states, providing an unbroken record of broadband mapping and technical support for broadband availability mapping and broadband atlases and applications that extends to the present day. CN has conducted extensive broadband mapping in other states such as Michigan, Iowa, Illinois, Massachusetts, and Tennessee.

Ensuring the Accuracy of Broadband Coverage and Infrastructure Data CN verification services ensure the accuracy of the mapped data. CN expertise includes desktop research on ISPs, gathering and evaluating crowd-sourced data, assessing the functionality, accuracy of usability of third-party data, and conducting independent field-level quality of service testing with an emphasis on key performance indicators (KPIs). For example the analysis of Ookla speed test data may uncover previously unknown service providers, “name changes” of service providers, or issues where Ookla data indicates the presence of a service provider outside of its exchange boundaries (as would be the case with an incumbent local exchange carrier), outside of a franchised territory (as may be the case with an HFC provider), or in an area where no presence was reported during the data submission cycle(s).

Broadband Program Planning

CN's staff members include strategists, field staff, engineers, and system experts who were once broadband providers themselves. Examples of CN's state-level engagements for broadband planning include:

- [State of Alaska Governor's Task Force on Broadband, 2021](#)
- [Michigan Broadband Roadmap Update, 2021](#)
- [Puerto Rico's Gigabit Island Plan, 2015](#)

Deep Understanding of Broadband Policy and Grant Programs

CN's policy staff understands the telecommunications industry, drawing on years of experience working with states on broadband issues as well as in our nation's capital with the FCC, NTIA and policymakers. This experience informs the development of policy and programs that are designed to be a catalyst to expand and enhance broadband services and the resources they enable.

CN has supported the development and/or implementation of broadband grant programs in several states to include the creation of scoring rubrics, analyzing inbound data to determine scalability and financial feasibility of projects within those states.

Broadband Access, Literacy and Workforce Development

CN's vision and programs help promote the benefits of increased broadband access. Recent examples of CN's work in the areas of telehealth, online learning, and remote employment (working from home or remote office) include:

- [Healthcare From Anywhere: Telehealth Use & Perceptions in Rural Michigan, February 2020](#)
- [Digital Works: Connecting People with Remote Jobs](#)
- [Connect-K-12: Providing information to schools to help them negotiate better deals for services and bandwidth](#)
- [AT&T K-12 Homework Gap Program: Providing 35,000 hotspots to at-risk students across the country](#)

CN's strategic consulting and advisory services provide a multidisciplinary view of the broadband landscape by providing broadband and telecommunications research, policy insights, mapping, engineering, and federal, state, and local strategic planning services.

APPENDIX D: STATEWIDE SUMMARY PAGE



UTAH DISTRICT AND CHARTER SCHOOLS

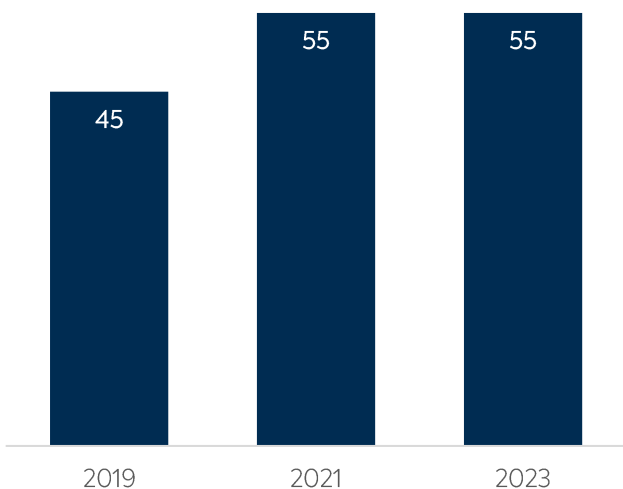
STATEWIDE FACTS

ENROLLMENT.....	667,786
NUMBER OF SCHOOLS.....	1,034
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	18%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE*	1.8%

*Among schools that provide these services to their students

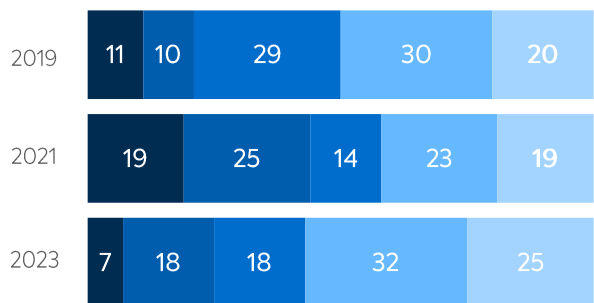
WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)

All Schools Statewide

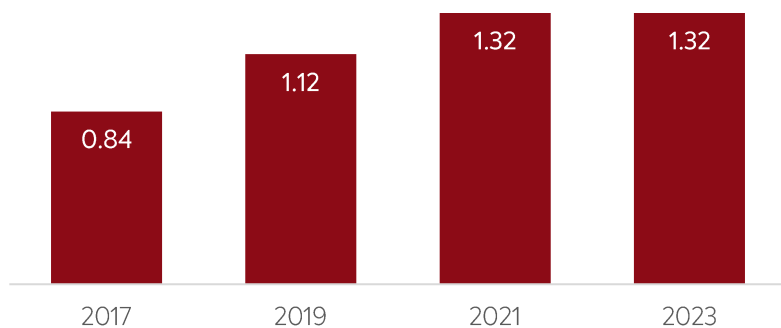


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

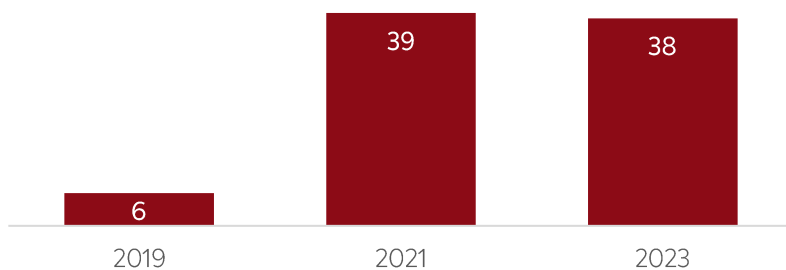
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017
DESKTOPS WINDOWS OS	45,996	24,816	-60,567	-46%
LAPTOPS WINDOWS OS	93,197	17,934	55,205	99%
DESKTOPS MAC	11,330	2,482	-10,356	-43%
LAPTOPS MAC	12,923	22,362	-1,263	-3%
CHROMEBOOKS GOOGLE	594,507	10,970	334,935	124%
TABLETS WINDOWS	16,583	5,079	12,055	125%
TABLETS ANDROID	1,218	183	-519	-27%
TABLETS IOS	102,085	24,490	22,387	21%
OTHER DEVICES	771	118	-7,863	-90%
ALL COMPUTING DEVICES	878,610	108,434	344,014	53%

COMPUTING DEVICES PER STUDENT



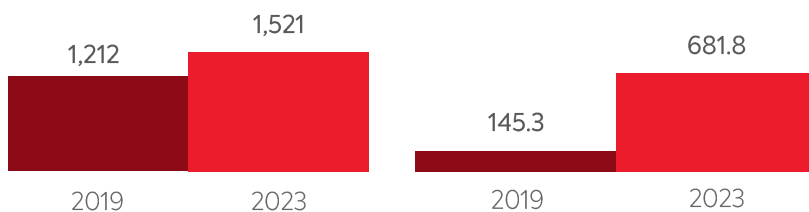
MOBILE DEPLOYMENT

Schools With 1:1 Programs Where Students Can Take Devices Home (%)

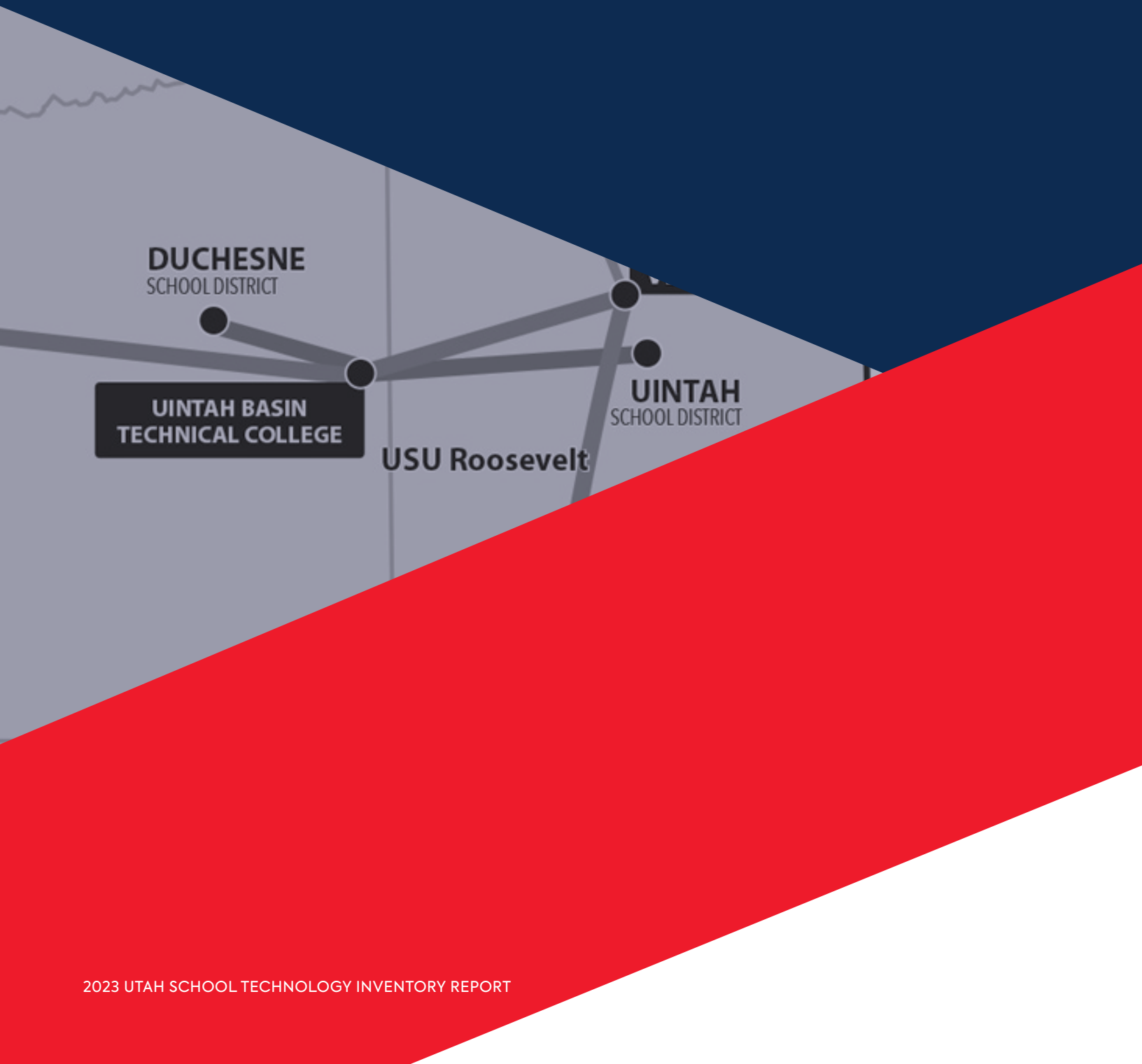


FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS

Computing Devices Per FTE Technical Support Staff Teachers Per FTE Instructional Tech Support Staff



APPENDIX E: SCHOOL DISTRICT SUMMARY PAGES



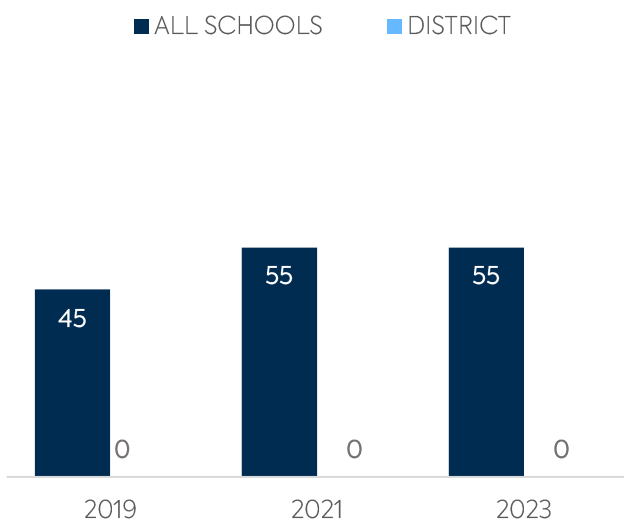
ALPINE SCHOOL DISTRICT

DISTRICT FACTS

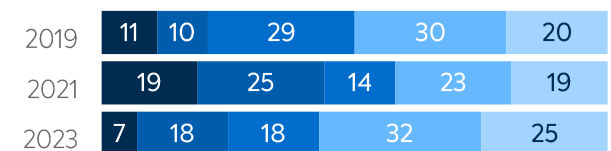
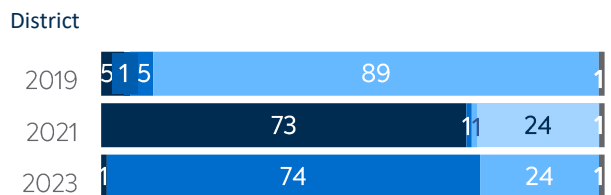
ENROLLMENT.....	85,342
NUMBER OF SCHOOLS.....	89
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)

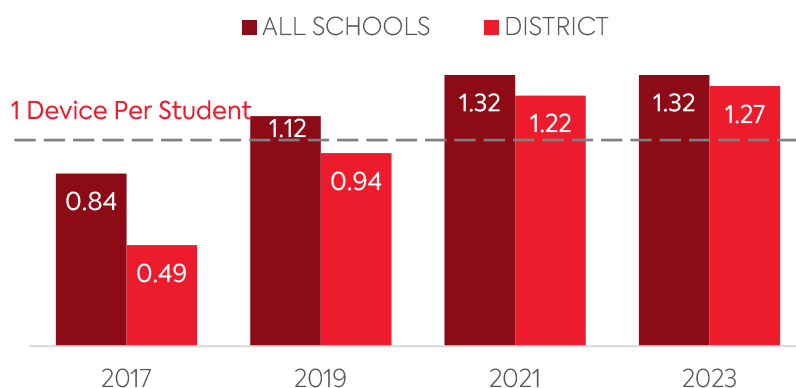


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

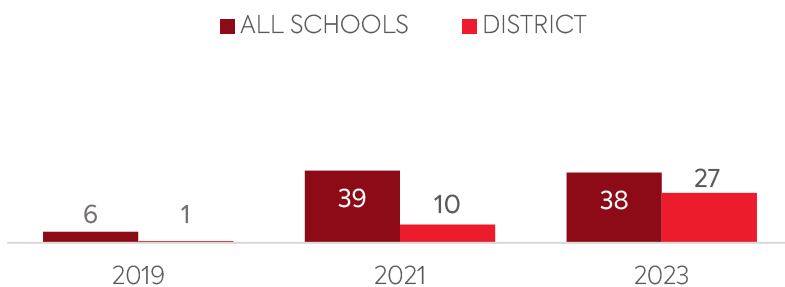
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	3,444	980	-1,567	-26%	-46%
LAPTOPS WINDOWS OS	1,475	1,423	-13	-0%	99%
DESKTOPS MAC	3,988	579	-622	-12%	-43%
LAPTOPS MAC	221	4,871	400	9%	-3%
CHROMEBOOKS GOOGLE	91,215	269	73,318	404%	124%
TABLETS WINDOWS	43	26	-5	-7%	125%
TABLETS ANDROID	24	7	-156	-83%	-27%
TABLETS IOS	7,610	3,858	1,250	12%	21%
OTHER DEVICES	2	58	-5	-8%	-90%
ALL COMPUTING DEVICES	108,022	12,071	72,600	153%	53%

COMPUTING DEVICES PER STUDENT

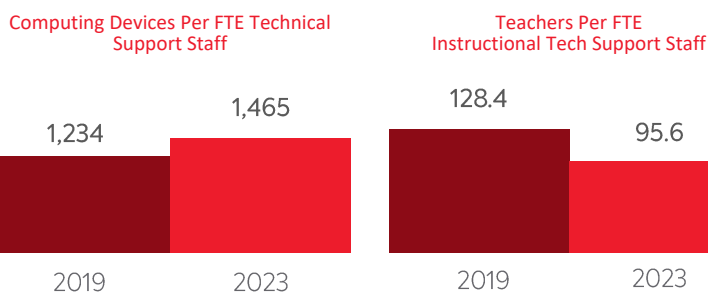


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



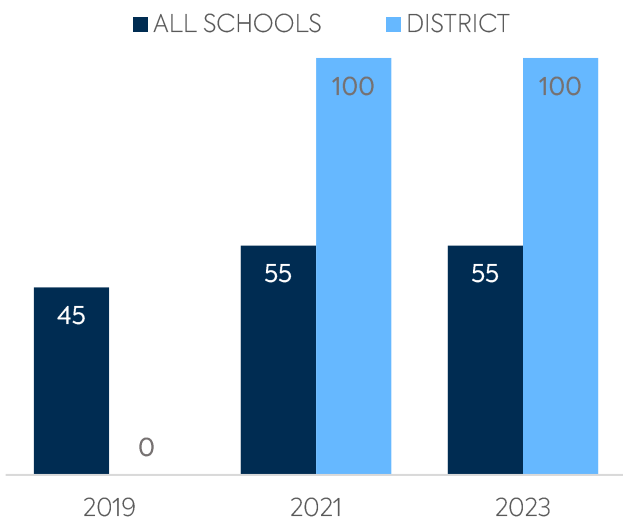
BEAVER COUNTY SCHOOL DISTRICT

DISTRICT FACTS

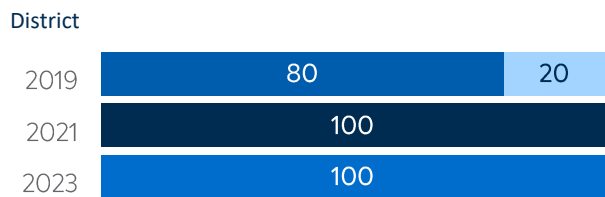
ENROLLMENT.....	1,523
NUMBER OF SCHOOLS.....	5
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	9%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	2%

WI-FI NETWORK COVERAGE

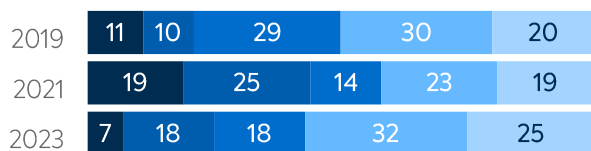
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

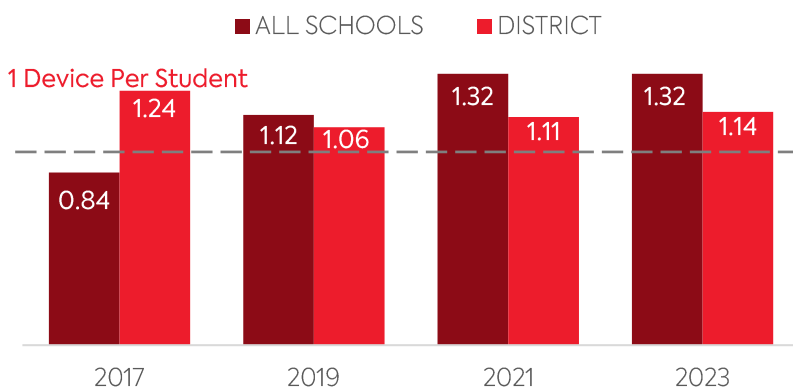


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

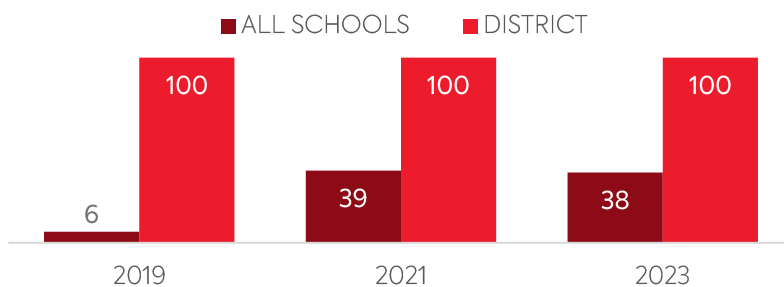
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	130	119	31	14%	-46%
LAPTOPS WINDOWS OS	0	14	2	17%	99%
DESKTOPS MAC	1	2	-35	-92%	-43%
LAPTOPS MAC	0	6	3	100%	-3%
CHROMEBOOKS GOOGLE	1,563	177	173	11%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	-266	-100%	-27%
TABLETS IOS	35	70	4	4%	21%
OTHER DEVICES	0	0	-135	-100%	-90%
ALL COMPUTING DEVICES	1,729	388	-223	-10%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

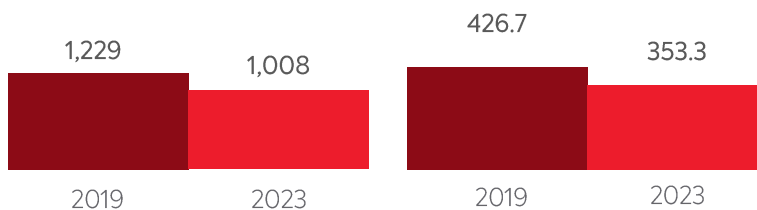
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



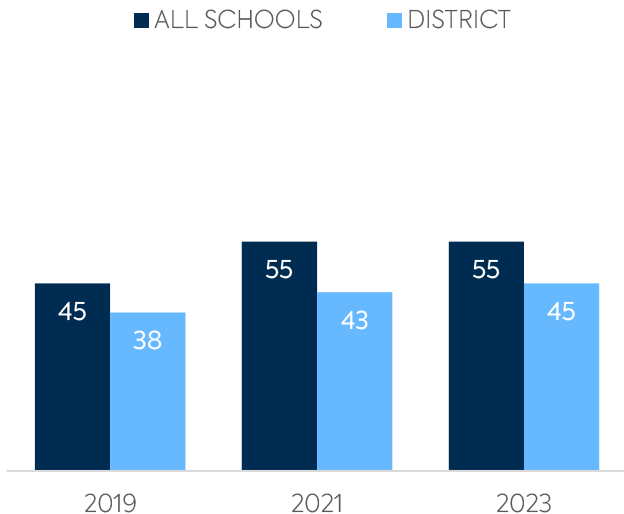
BOX ELDER SCHOOL DISTRICT

DISTRICT FACTS

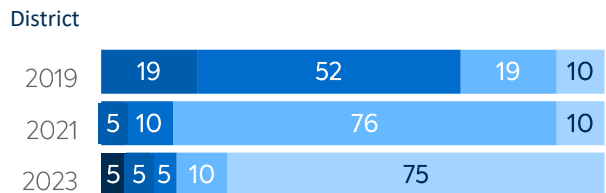
ENROLLMENT.....	12,619
NUMBER OF SCHOOLS.....	20
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	10%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

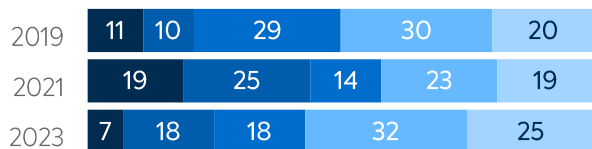
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

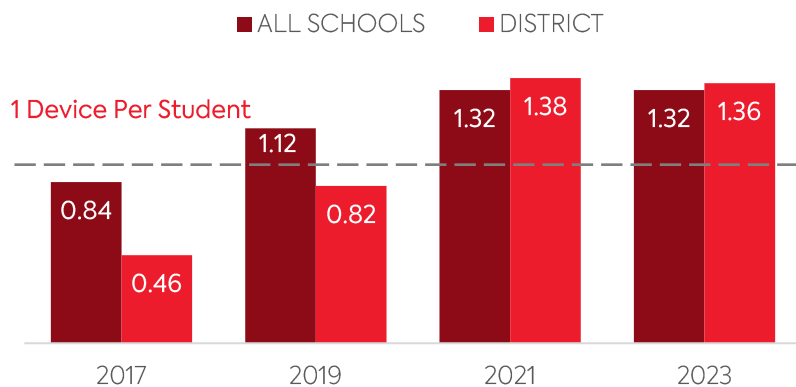


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

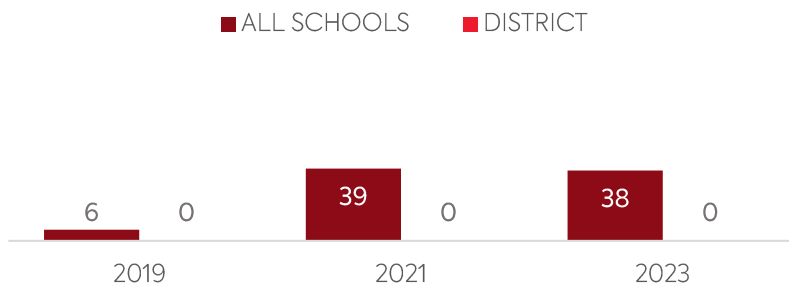
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	1,371	1,040	-396	-14%	-46%
LAPTOPS WINDOWS OS	40	195	21	10%	99%
DESKTOPS MAC	2	2	1	33%	-43%
LAPTOPS MAC	0	68	65	2,167%	-3%
CHROMEBOOKS GOOGLE	15,269	891	12,949	403%	124%
TABLETS WINDOWS	0	0	-20	-100%	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	428	988	1,272	883%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	17,110	3,184	13,892	217%	53%

COMPUTING DEVICES PER STUDENT

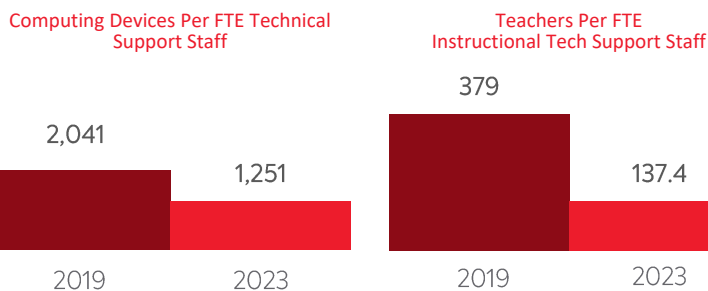


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



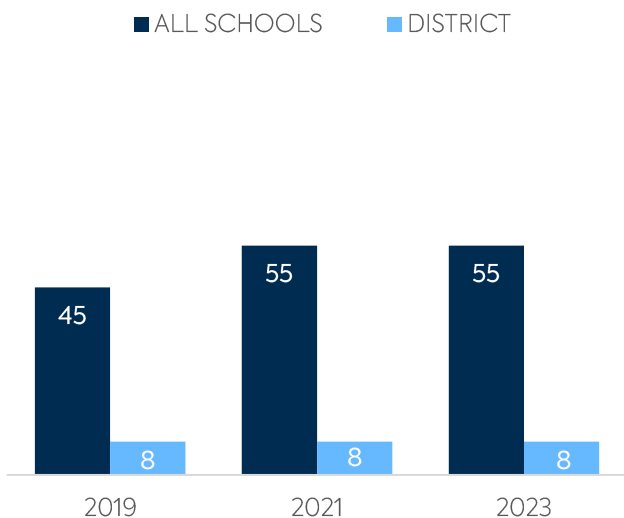
CACHE COUNTY SCHOOL DISTRICT

DISTRICT FACTS

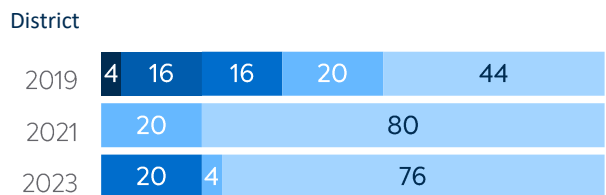
ENROLLMENT.....	19,794
NUMBER OF SCHOOLS.....	25
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	5%

WI-FI NETWORK COVERAGE

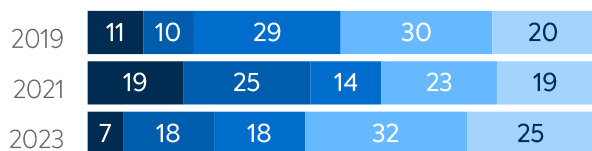
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

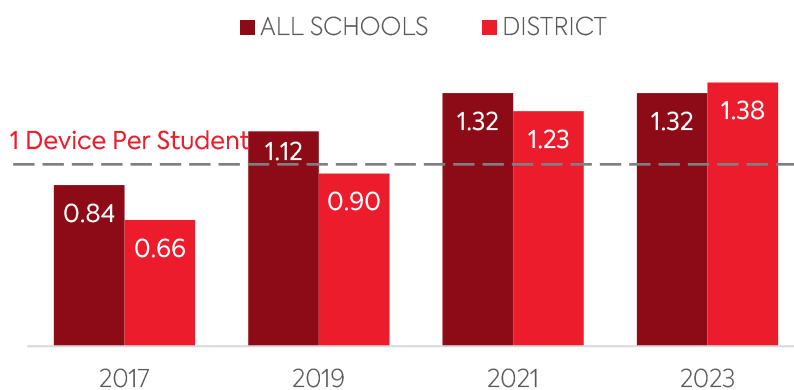


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	1,123	1,264	-1,298	-35%	-46%
LAPTOPS WINDOWS OS	189	381	491	622%	99%
DESKTOPS MAC	124	77	-92	-31%	-43%
LAPTOPS MAC	7	79	86	N/A	-3%
CHROMEBOOKS GOOGLE	24,360	1,124	17,373	214%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	1,414	522	-517	-21%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	27,217	3,447	16,043	110%	53%

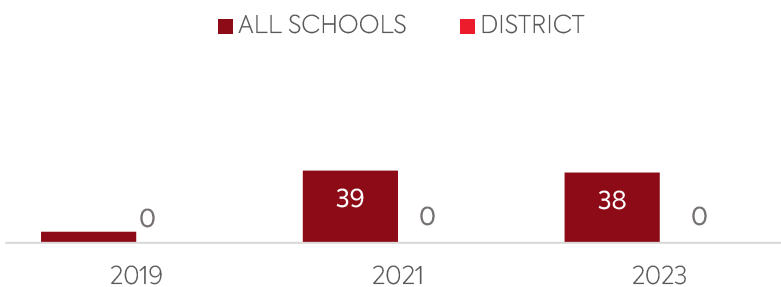
COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

Schools With 1:1 Programs

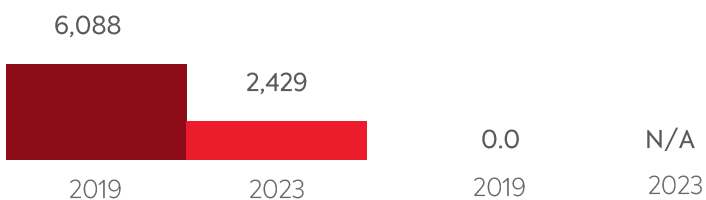
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



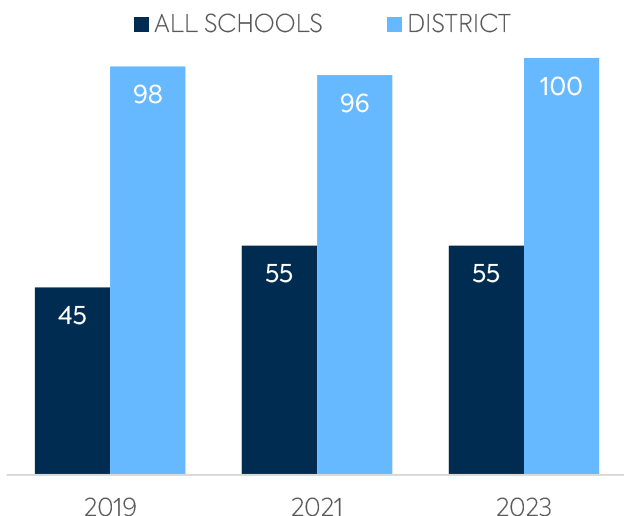
CANYONS SCHOOL DISTRICT

DISTRICT FACTS

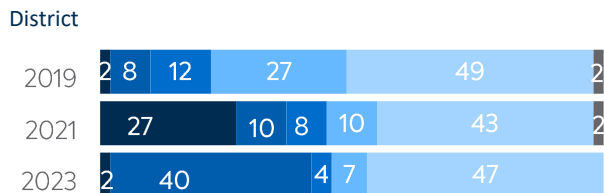
ENROLLMENT.....	33,356
NUMBER OF SCHOOLS.....	45
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	24.9%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	3%

WI-FI NETWORK COVERAGE

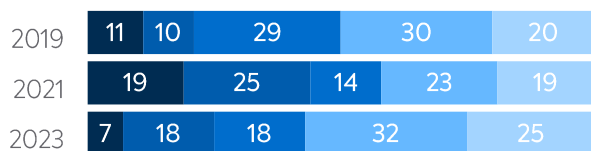
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

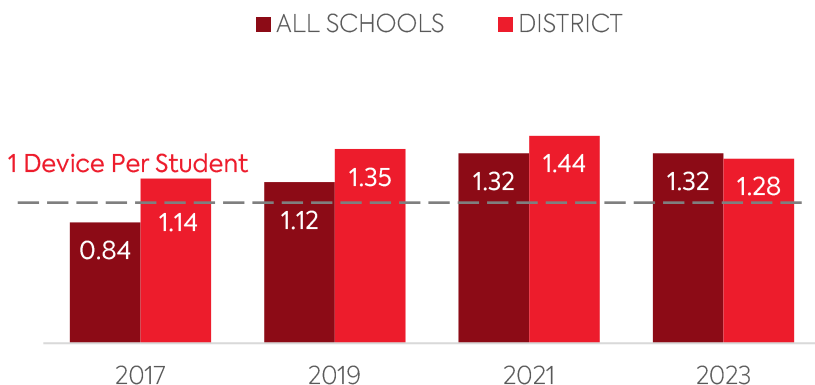


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

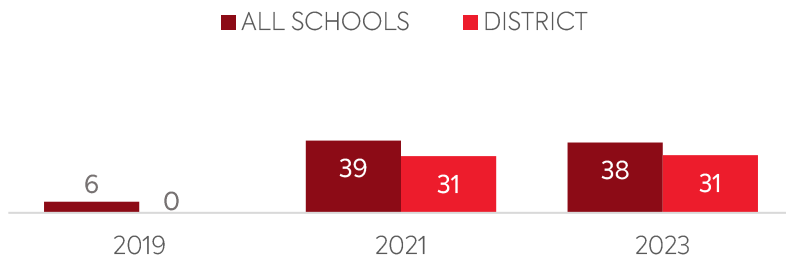
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	1,682	368	-1,893	-48%	-46%
LAPTOPS WINDOWS OS	73	272	-563	-62%	99%
DESKTOPS MAC	652	325	-1,748	-64%	-43%
LAPTOPS MAC	225	2,496	-2,533	-48%	-3%
CHROMEBOOKS GOOGLE	33,056	50	11,381	52%	124%
TABLETS WINDOWS	0	7	-1	-13%	125%
TABLETS ANDROID	0	0	-162	-100%	-27%
TABLETS IOS	7,065	1,966	-23	-0%	21%
OTHER DEVICES	10	0	7	233%	-90%
ALL COMPUTING DEVICES	42,763	5,484	4,465	10%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

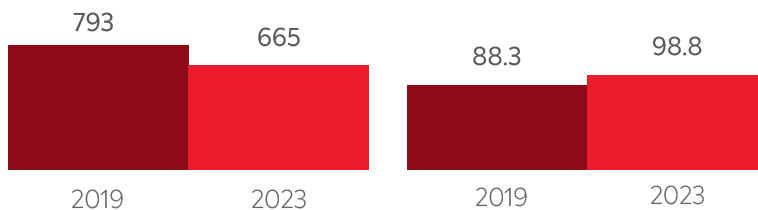
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



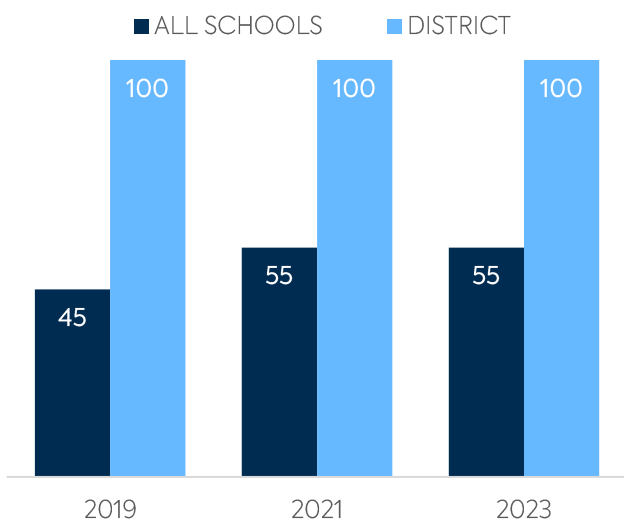
CARBON COUNTY SCHOOL DISTRICT

DISTRICT FACTS

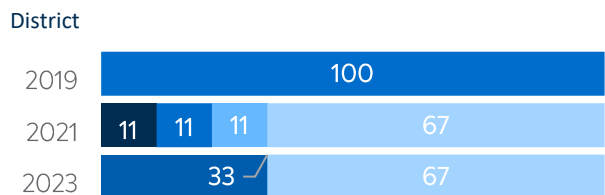
ENROLLMENT.....	3,353
NUMBER OF SCHOOLS.....	9
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

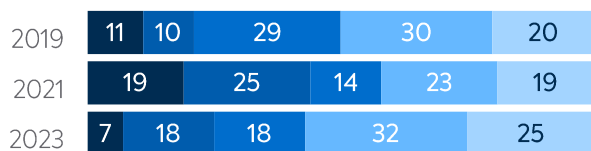
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

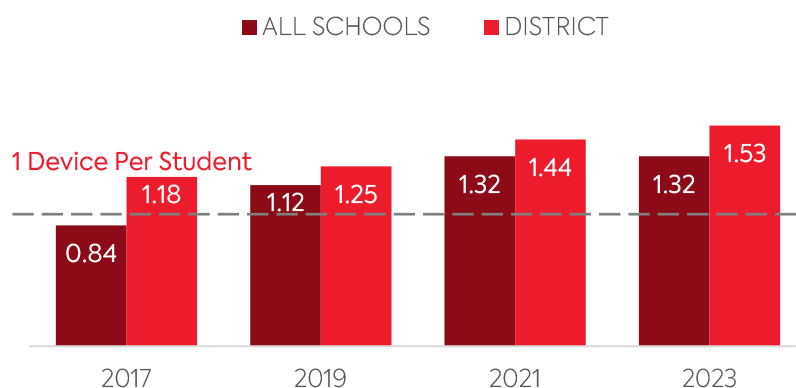


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

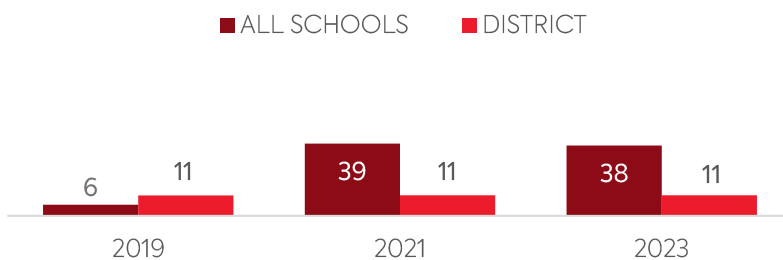
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	305	347	-177	-21%	-46%
LAPTOPS WINDOWS OS	45	47	-171	-65%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	4,615	357	1,744	54%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	178	35	-157	-42%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	5,143	786	1,239	26%	53%

COMPUTING DEVICES PER STUDENT

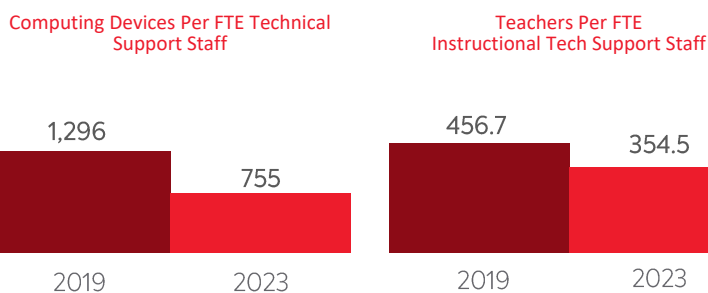


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



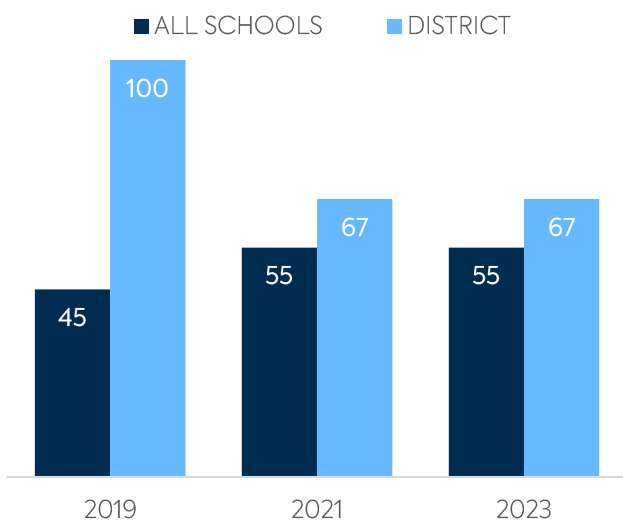
DAGGETT SCHOOL DISTRICT

DISTRICT FACTS

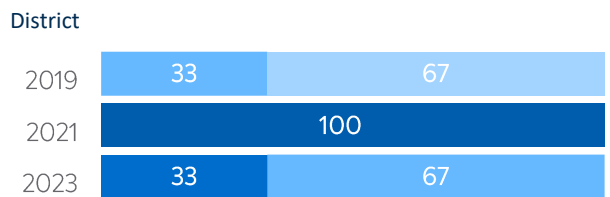
ENROLLMENT.....	195
NUMBER OF SCHOOLS.....	3
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

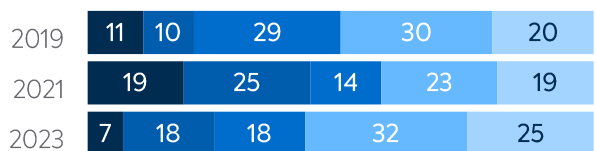
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

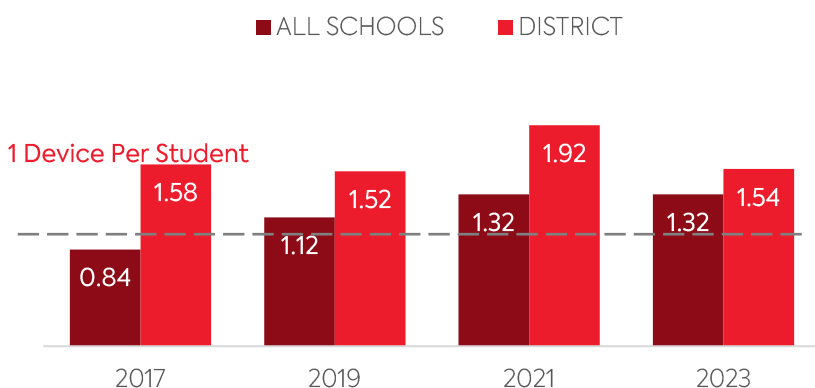


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

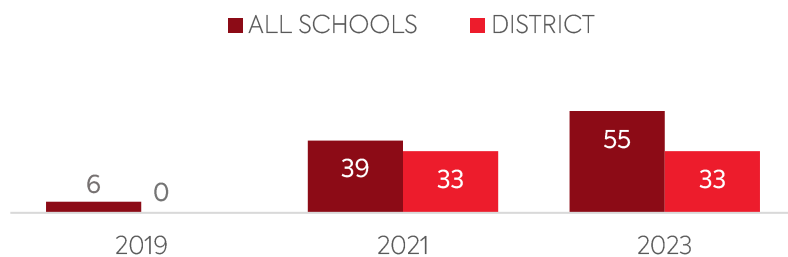
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	3	0	0%	-46%
LAPTOPS WINDOWS OS	0	1	1	N/A	99%
DESKTOPS MAC	24	9	-62	-65%	-43%
LAPTOPS MAC	136	38	-3	-2%	-3%
CHROMEBOOKS GOOGLE	81	0	81	N/A	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	59	13	-16	-18%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	300	64	1	0%	53%

COMPUTING DEVICES PER STUDENT

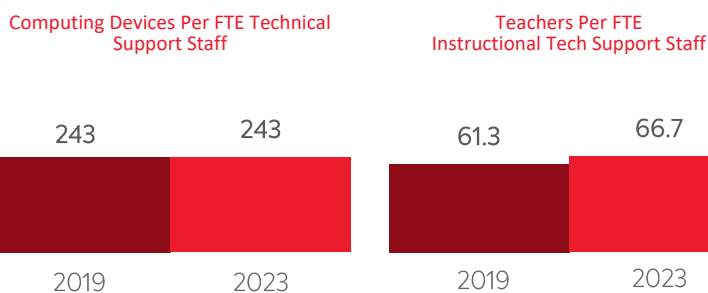


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



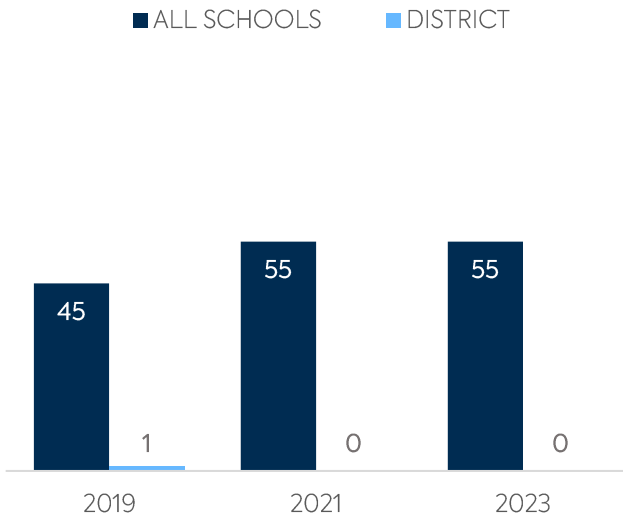
DAVIS SCHOOL DISTRICT

DISTRICT FACTS

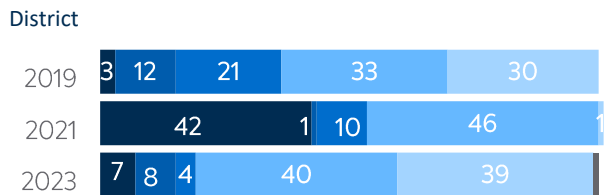
ENROLLMENT.....	70,779
NUMBER OF SCHOOLS.....	92
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	1%

WI-FI NETWORK COVERAGE

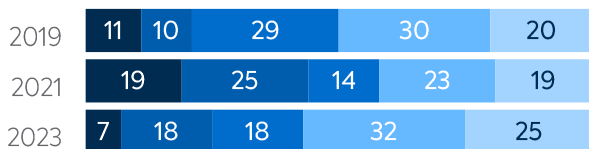
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

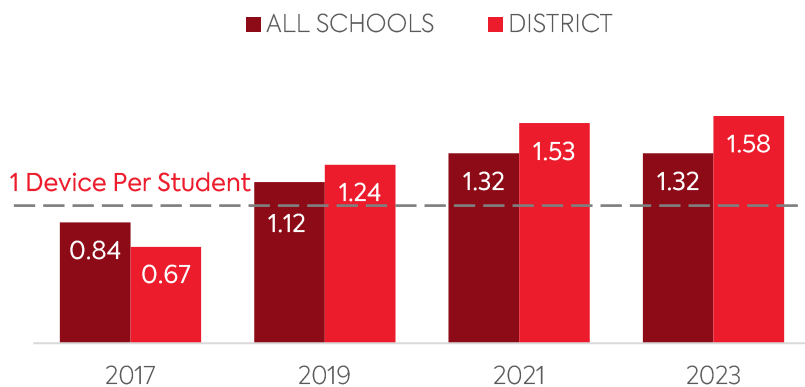


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

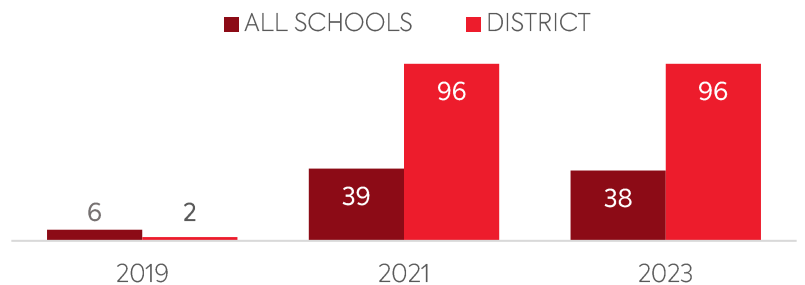
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	4,800	4,649	-12,051	-56%	-46%
LAPTOPS WINDOWS OS	58,242	1,050	48,883	470%	99%
DESKTOPS MAC	119	9	68	113%	-43%
LAPTOPS MAC	88	233	195	155%	-3%
CHROMEBOOKS GOOGLE	3	3	-289	-98%	124%
TABLETS WINDOWS	16,324	4,834	12,858	155%	125%
TABLETS ANDROID	88	1	-37	-29%	-27%
TABLETS IOS	32,495	4,526	17,669	91%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	112,159	15,305	67,296	112%	53%

COMPUTING DEVICES PER STUDENT

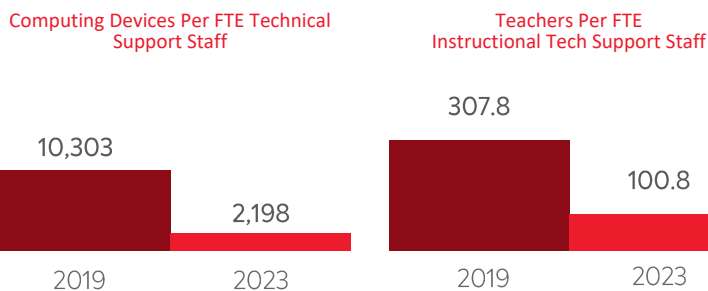


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



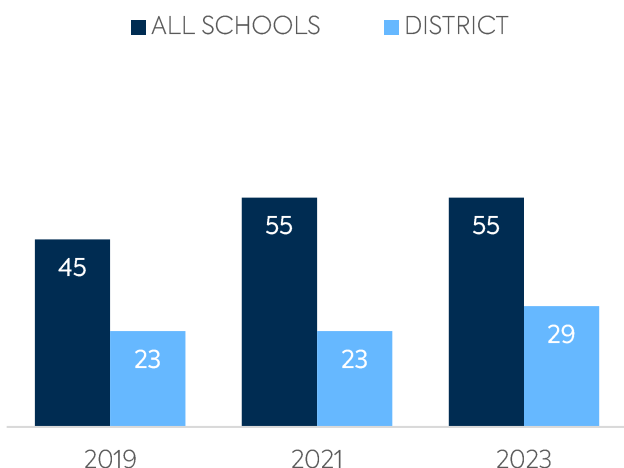
DUCHESNE COUNTY SCHOOL DISTRICT

DISTRICT FACTS

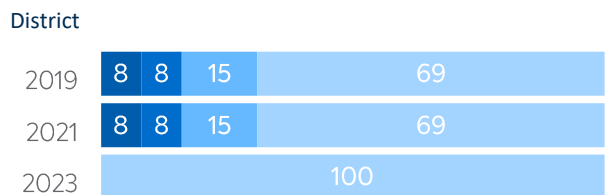
ENROLLMENT.....	5,332
NUMBER OF SCHOOLS.....	14
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

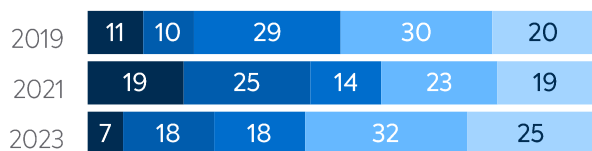
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

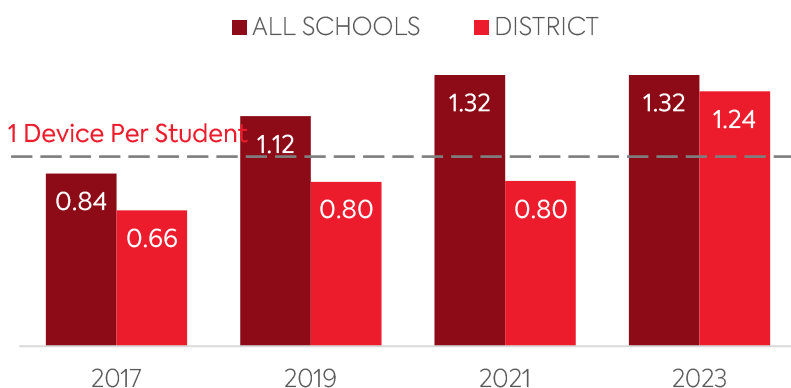


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

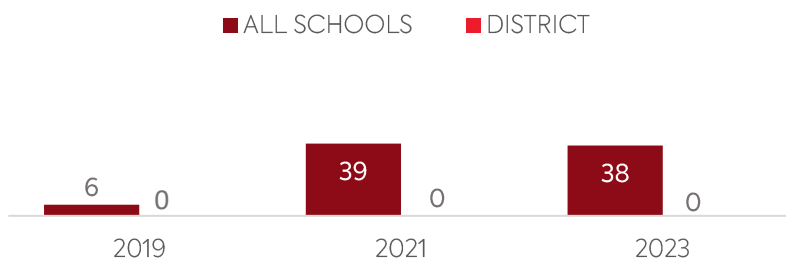
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	226	21	-194	-44%	-46%
LAPTOPS WINDOWS OS	110	144	-88	-26%	99%
DESKTOPS MAC	130	56	-712	-79%	-43%
LAPTOPS MAC	245	442	-77	-10%	-3%
CHROMEBOOKS GOOGLE	5,073	35	3,832	300%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	830	300	410	57%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	6,614	998	3,171	71%	53%

COMPUTING DEVICES PER STUDENT

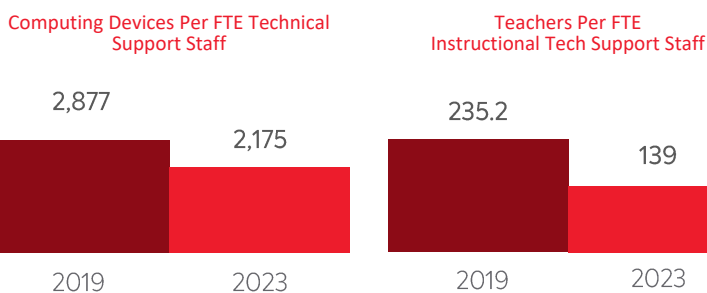


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



EMERY COUNTY SCHOOL DISTRICT

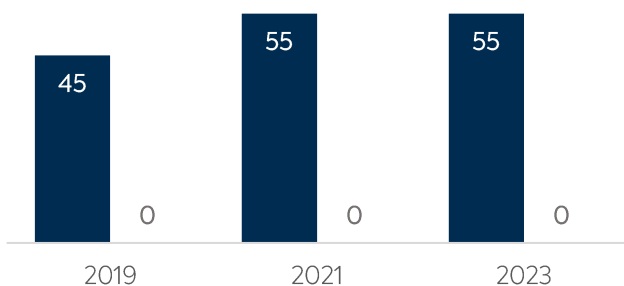
DISTRICT FACTS

ENROLLMENT.....	2,085
NUMBER OF SCHOOLS.....	10
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	10%

WI-FI NETWORK COVERAGE

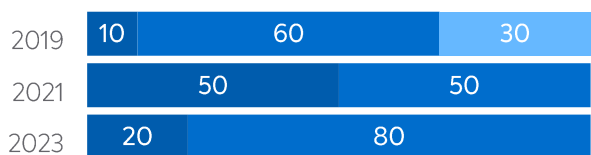
Schools Where All Educational Spaces Have Wi-Fi Access (%)

■ ALL SCHOOLS ■ DISTRICT

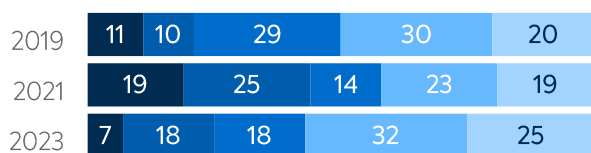


AGE OF WI-FI ACCESS POINTS (%)

District



All Schools



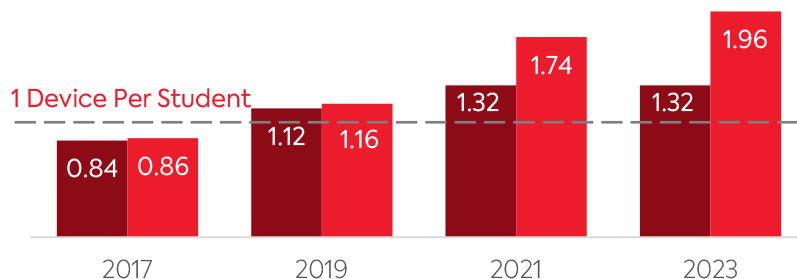
■ Less Than 1 Yr. Old ■ 1 Year Old
■ 2 Years Old ■ 3 Years Old
■ 4+ Years Old ■ Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	833	257	101	10%	-46%
LAPTOPS WINDOWS OS	13	23	-3	-8%	99%
DESKTOPS MAC	1	4	-42	-89%	-43%
LAPTOPS MAC	0	3	-8	-73%	-3%
CHROMEBOOKS GOOGLE	3,081	21	2,379	329%	124%
TABLETS WINDOWS	4	5	9	N/A	125%
TABLETS ANDROID	5	0	0	0%	-27%
TABLETS IOS	153	0	-290	-66%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	4,090	313	2,146	95%	53%

COMPUTING DEVICES PER STUDENT

■ ALL SCHOOLS ■ DISTRICT

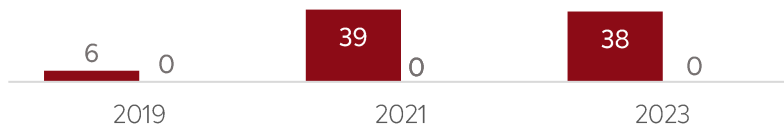


MOBILE DEPLOYMENT

Schools With 1:1 Programs

Where Students Can Take Devices Home (%)

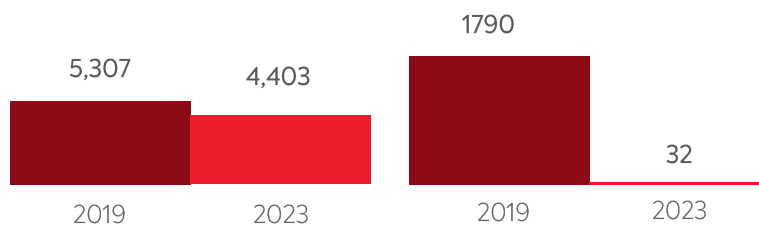
■ ALL SCHOOLS ■ DISTRICT



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



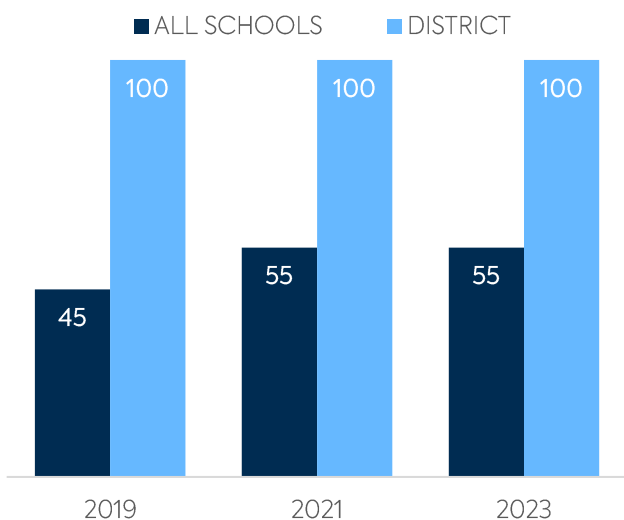
GARFIELD COUNTY SCHOOL DISTRICT

DISTRICT FACTS

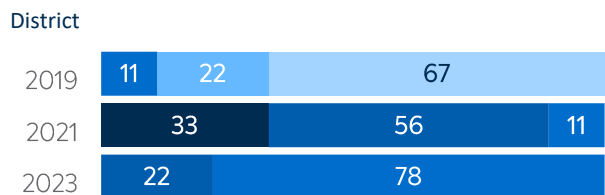
ENROLLMENT.....	1,007
NUMBER OF SCHOOLS.....	9
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

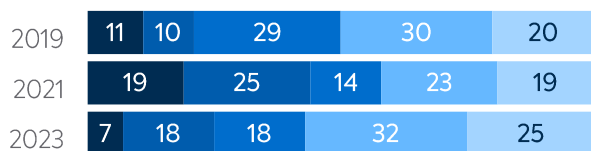
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

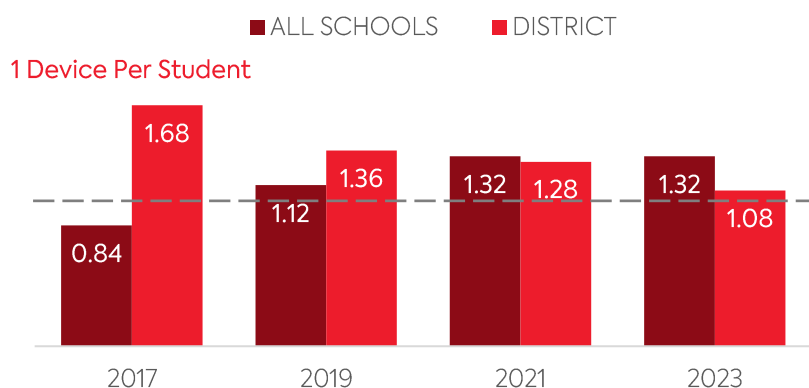


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

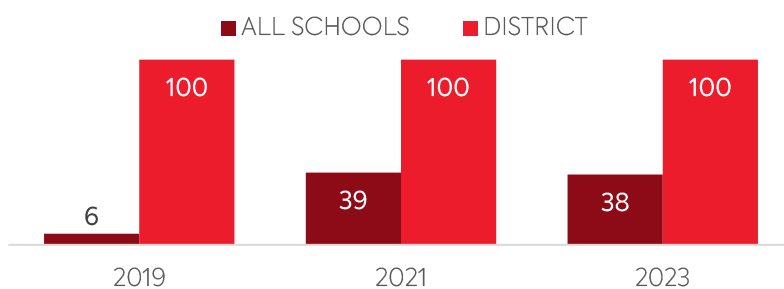
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	93	106	-160	-45%	-46%
LAPTOPS WINDOWS OS	0	57	-6	-10%	99%
DESKTOPS MAC	3	2	4	400%	-43%
LAPTOPS MAC	0	9	7	350%	-3%
CHROMEBOOKS GOOGLE	953	87	45	5%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	15	0	12	400%	-27%
TABLETS IOS	26	5	-7	-18%	21%
OTHER DEVICES	0	0	-244	-100%	-90%
ALL COMPUTING DEVICES	1,090	266	-349	-21%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

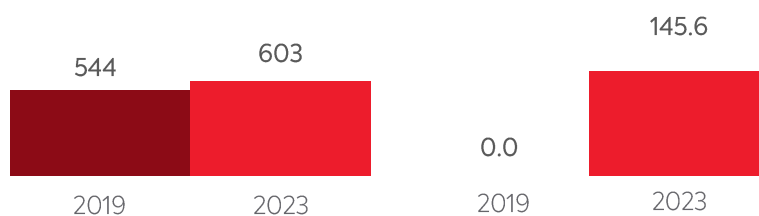
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



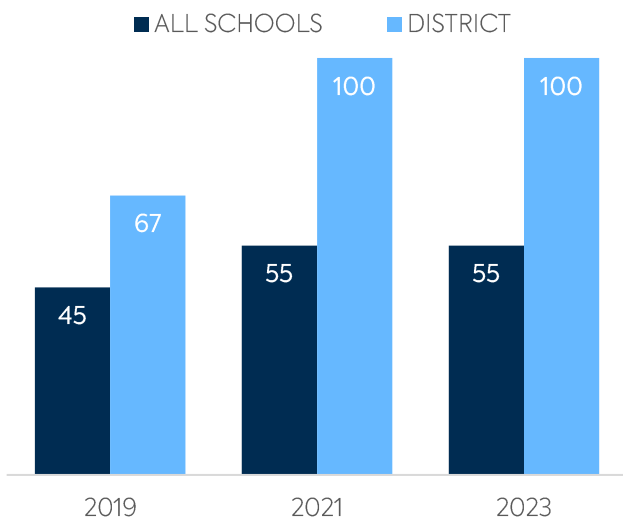
GRAND COUNTY SCHOOL DISTRICT

DISTRICT FACTS

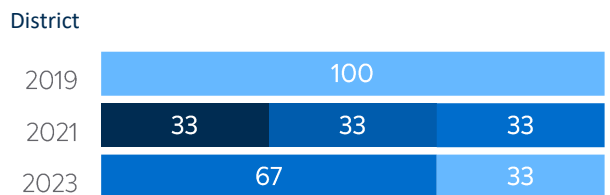
ENROLLMENT.....	1,396
NUMBER OF SCHOOLS.....	3
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

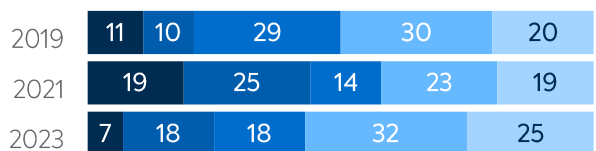
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

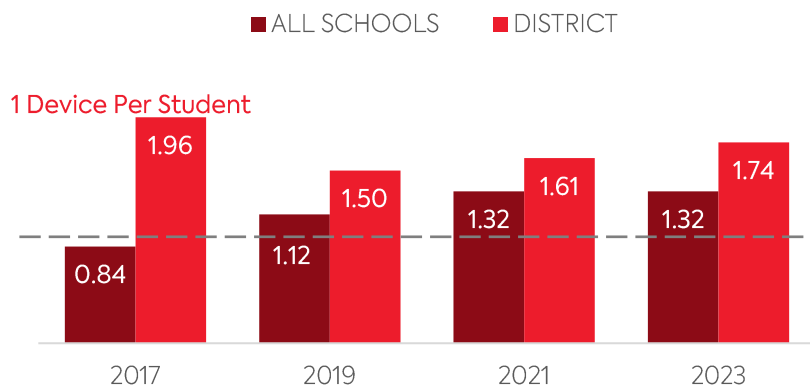


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

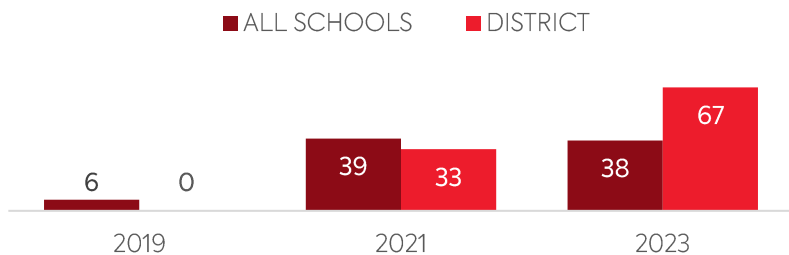
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	302	192	9	2%	-46%
LAPTOPS WINDOWS OS	30	32	-58	-48%	99%
DESKTOPS MAC	25	1	2	8%	-43%
LAPTOPS MAC	3	36	37	1,850%	-3%
CHROMEBOOKS GOOGLE	1,994	40	1,084	114%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	-40	-100%	-27%
TABLETS IOS	81	64	106	272%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	2,435	365	1,140	69%	53%

COMPUTING DEVICES PER STUDENT

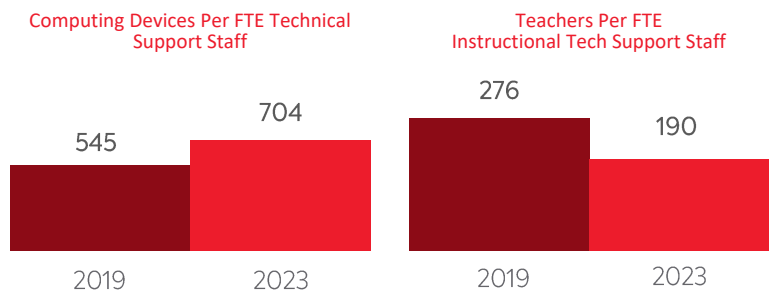


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



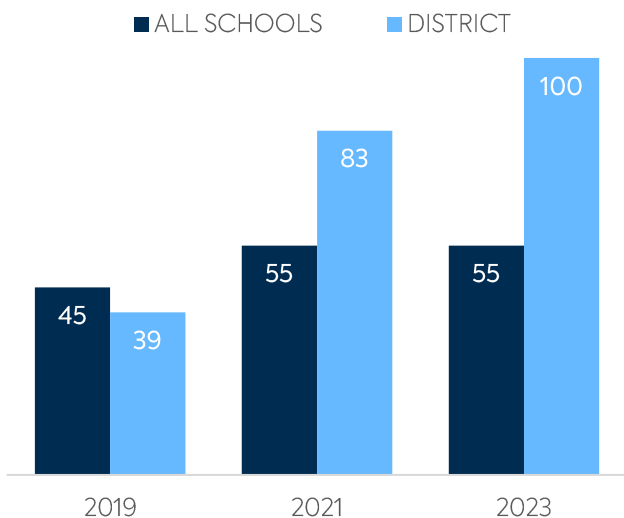
GRANITE SCHOOL DISTRICT

DISTRICT FACTS

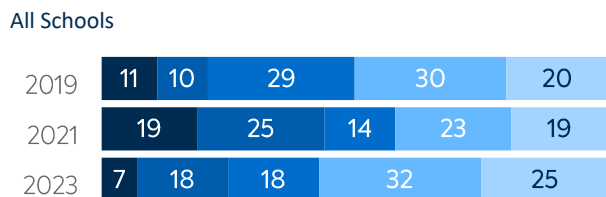
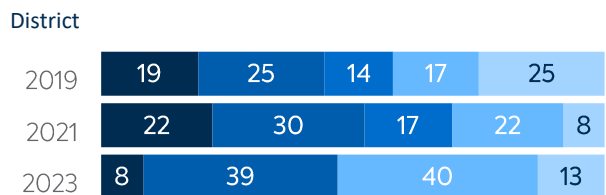
ENROLLMENT.....	61,090
NUMBER OF SCHOOLS.....	83
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	5%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	5%

WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)

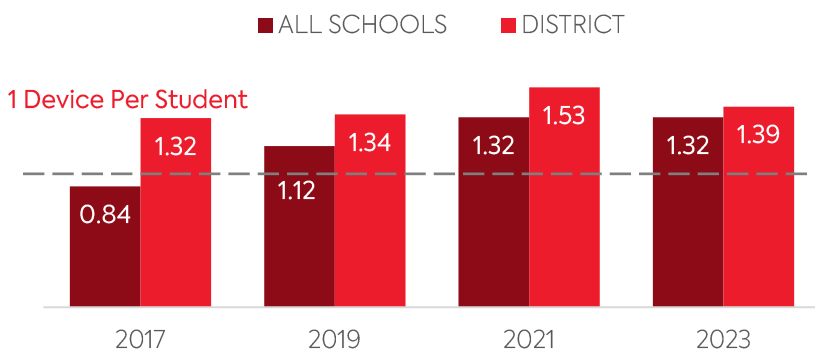


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

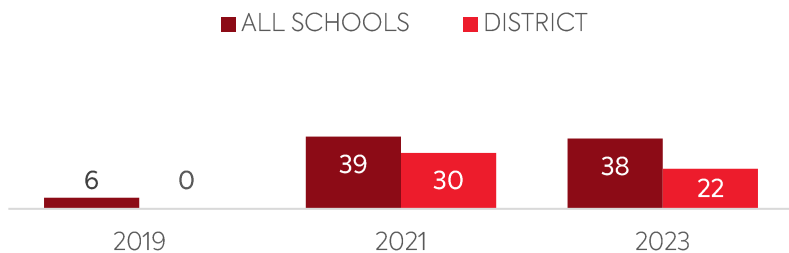
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	3,928	1,768	-19,335	-77%	-46%
LAPTOPS WINDOWS OS	30	3,882	1,745	81%	99%
DESKTOPS MAC	940	4	135	17%	-43%
LAPTOPS MAC	0	112	-134	-55%	-3%
CHROMEBOOKS GOOGLE	78,381	0	18,482	31%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	1,840	4	-4,679	-72%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	85,119	5,770	-3,786	-4%	53%

COMPUTING DEVICES PER STUDENT



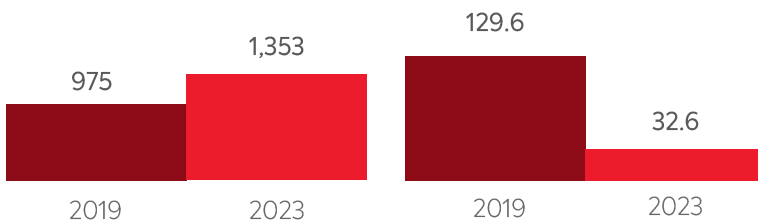
MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff Teachers Per FTE Instructional Tech Support Staff



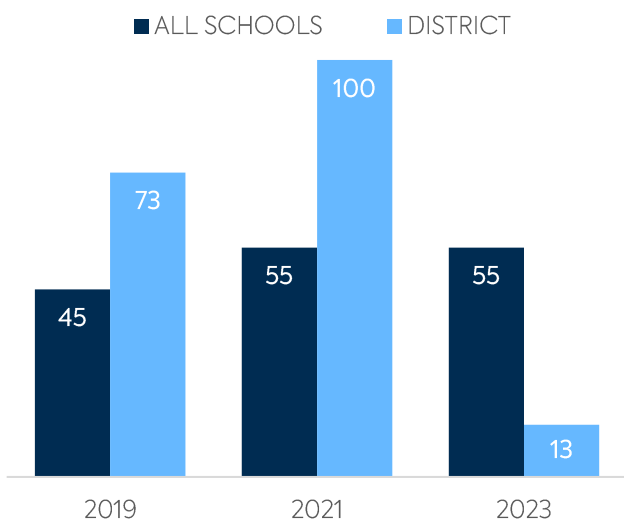
IRON COUNTY SCHOOL DISTRICT

DISTRICT FACTS

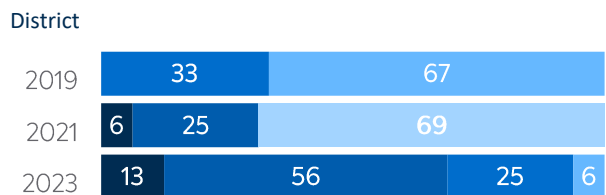
ENROLLMENT.....	9,790
NUMBER OF SCHOOLS.....	16
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	1%

WI-FI NETWORK COVERAGE

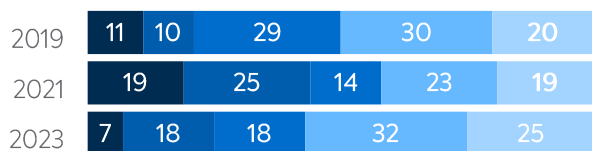
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

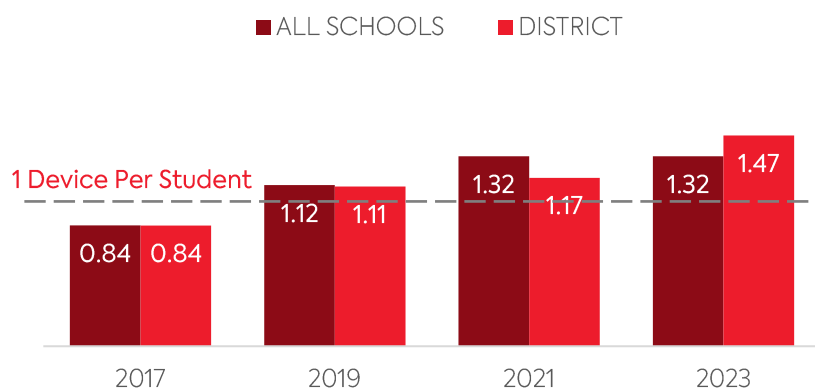


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

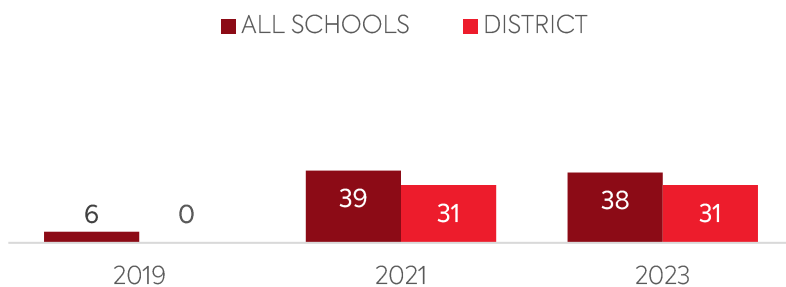
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	607	40	60	10%	-46%
LAPTOPS WINDOWS OS	41	14	36	190%	99%
DESKTOPS MAC	63	85	-881	-86%	-43%
LAPTOPS MAC	0	665	439	194%	-3%
CHROMEBOOKS GOOGLE	12,461	60	6,531	109%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	1,171	224	884	173%	21%
OTHER DEVICES	0	0	-30	-100%	-90%
ALL COMPUTING DEVICES	14,343	1,088	7,039	84%	53%

COMPUTING DEVICES PER STUDENT



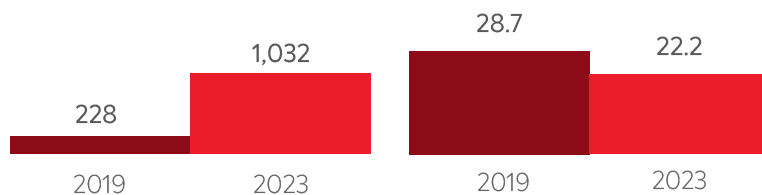
MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff Teachers Per FTE Instructional Tech Support Staff



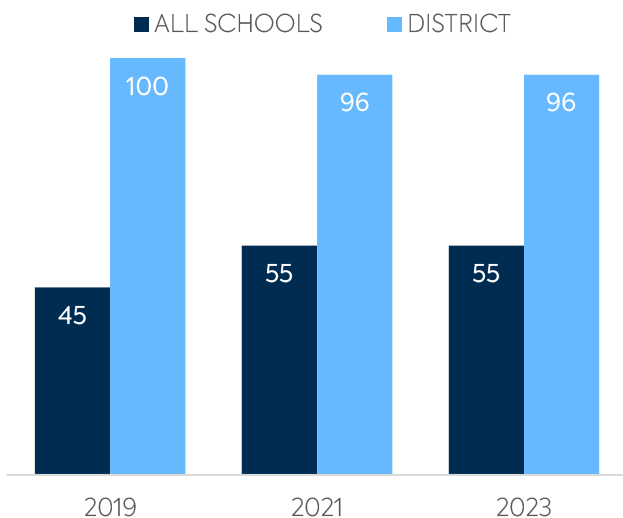
JORDAN SCHOOL DISTRICT

DISTRICT FACTS

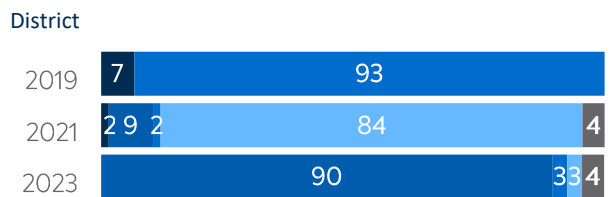
ENROLLMENT.....	57,488
NUMBER OF SCHOOLS.....	68
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

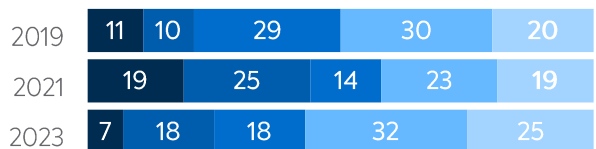
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

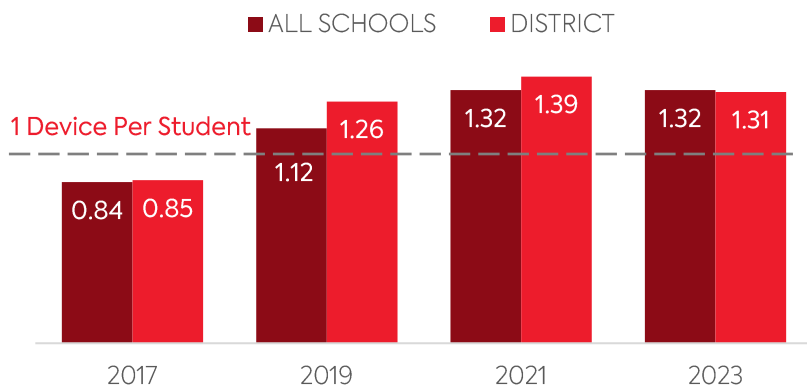


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

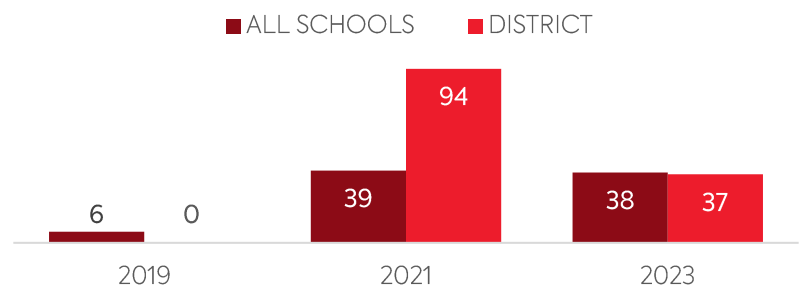
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	2,947	594	-2,847	-45%	-46%
LAPTOPS WINDOWS OS	394	1,153	-2,257	-59%	99%
DESKTOPS MAC	619	356	-2,190	-69%	-43%
LAPTOPS MAC	557	6,057	-428	-6%	-3%
CHROMEBOOKS GOOGLE	65,832	99	42,748	184%	124%
TABLETS WINDOWS	0	0	-16	-100%	125%
TABLETS ANDROID	8	0	-9	-53%	-27%
TABLETS IOS	5,197	2,157	-2,480	-25%	21%
OTHER DEVICES	0	0	-61	-100%	-90%
ALL COMPUTING DEVICES	75,554	10,416	32,460	61%	53%

COMPUTING DEVICES PER STUDENT

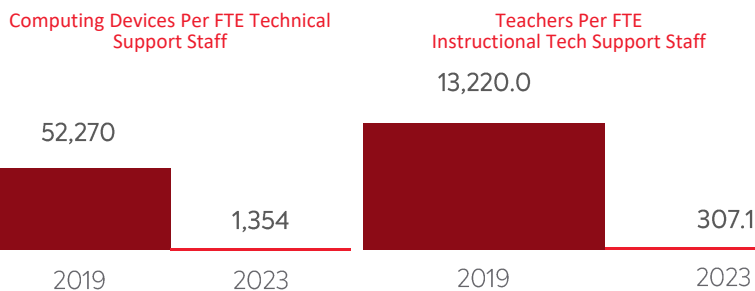


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



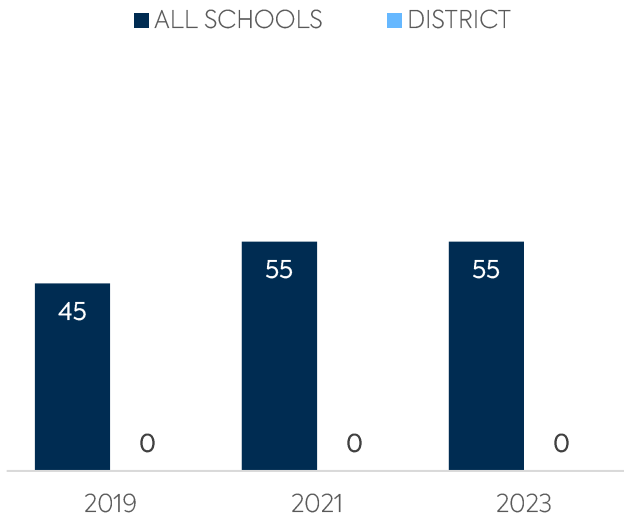
JUAB SCHOOL DISTRICT

DISTRICT FACTS

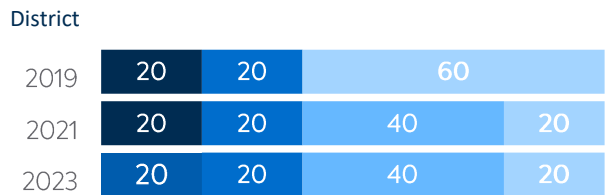
ENROLLMENT.....	2,747
NUMBER OF SCHOOLS.....	5
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	1%

WI-FI NETWORK COVERAGE

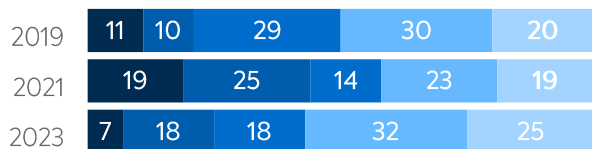
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

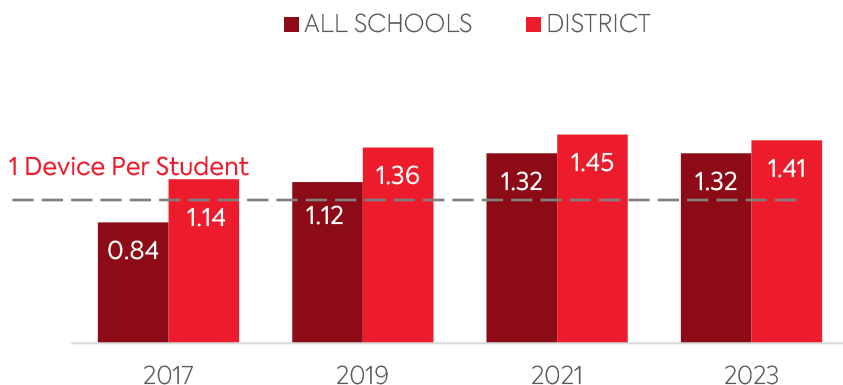


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

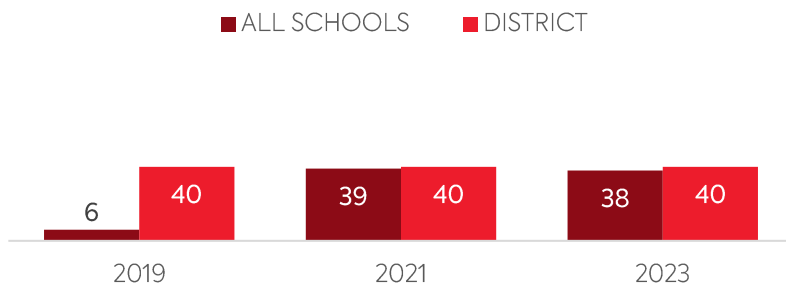
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	61	3	-5	-7%	-46%
LAPTOPS WINDOWS OS	38	9	30	177%	99%
DESKTOPS MAC	347	21	-64	-15%	-43%
LAPTOPS MAC	24	286	31	11%	-3%
CHROMEBOOKS GOOGLE	480	0	241	101%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	2,918	201	778	33%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	3,868	520	1,011	30%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

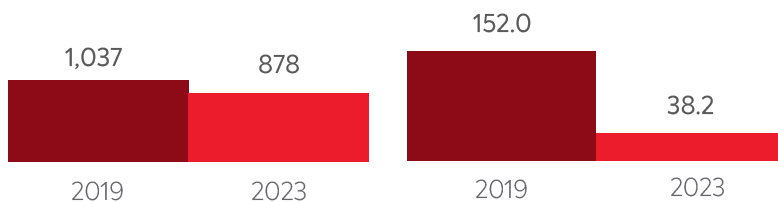
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



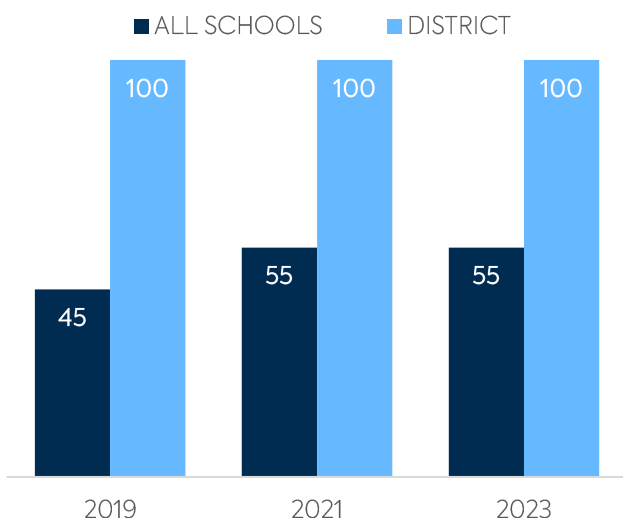
KANE COUNTY SCHOOL DISTRICT

DISTRICT FACTS

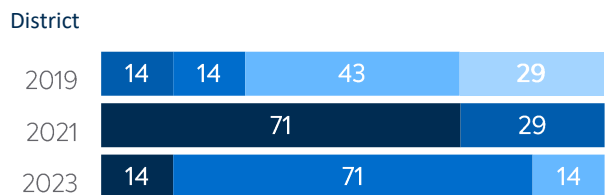
ENROLLMENT.....	1,399
NUMBER OF SCHOOLS.....	7
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	3%

WI-FI NETWORK COVERAGE

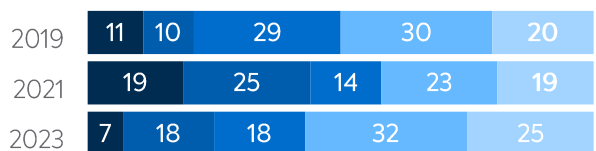
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

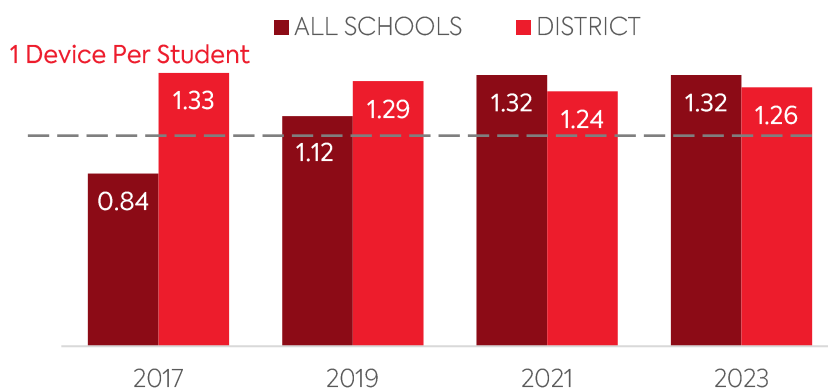


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

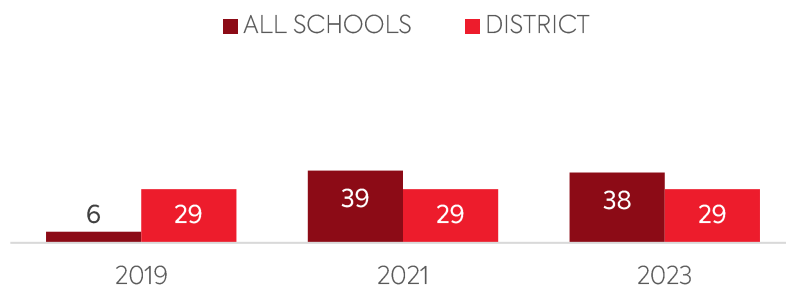
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	155	138	-80	-21%	-46%
LAPTOPS WINDOWS OS	2	12	2	17%	99%
DESKTOPS MAC	4	1	-25	-83%	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	1,581	98	278	20%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	18	31	-10	-17%	21%
OTHER DEVICES	0	0	-30	-100%	-90%
ALL COMPUTING DEVICES	1,760	280	135	7%	53%

COMPUTING DEVICES PER STUDENT

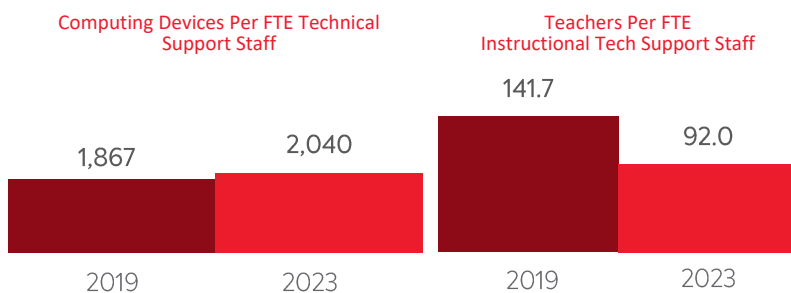


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



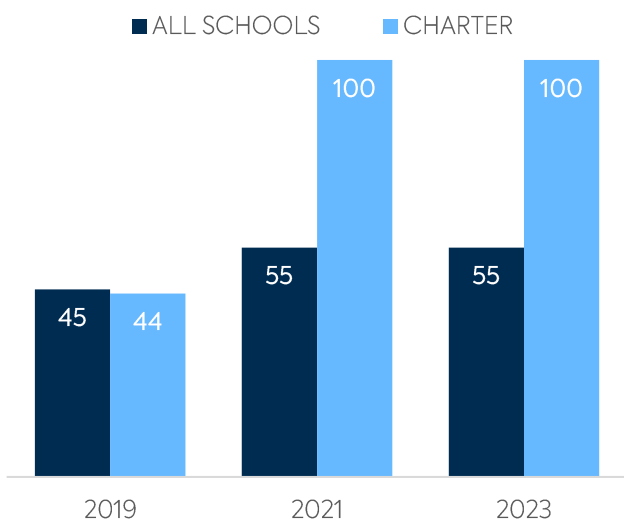
LOGAN CITY SCHOOL DISTRICT

DISTRICT FACTS

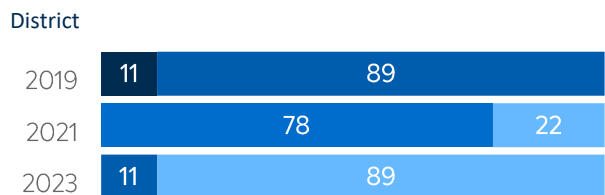
ENROLLMENT.....	5,221
NUMBER OF SCHOOLS.....	9
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	5%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	1%

WI-FI NETWORK COVERAGE

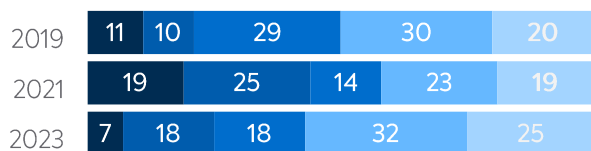
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

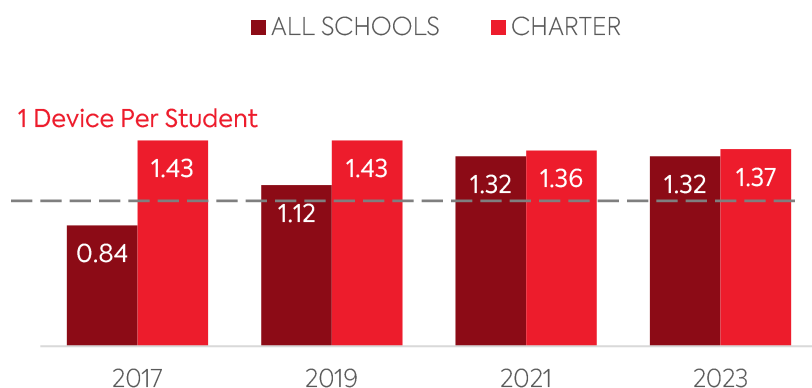


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

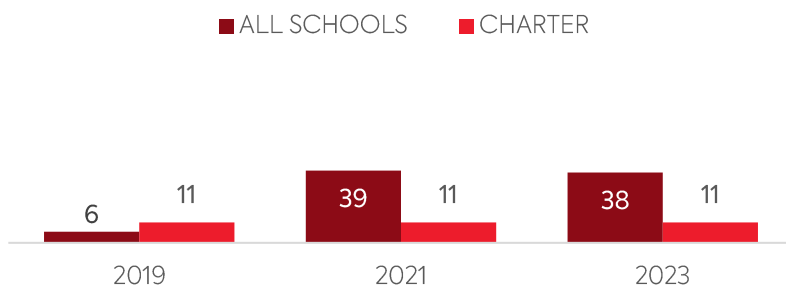
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	655	130	-316	-29%	-46%
LAPTOPS WINDOWS OS	63	152	-472	-69%	99%
DESKTOPS MAC	12	11	-356	-94%	-43%
LAPTOPS MAC	26	356	-1,880	-83%	-3%
CHROMEBOOKS GOOGLE	5,654	0	1,503	36%	124%
TABLETS WINDOWS	0	6	6	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	750	150	183	26%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	7,160	805	-1,332	-14%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

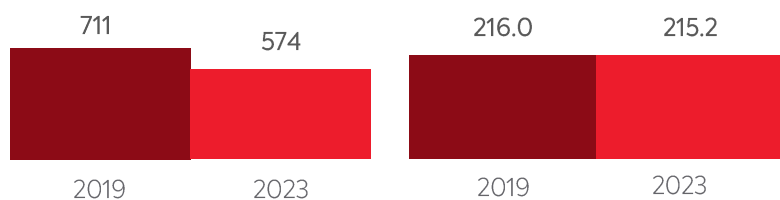
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



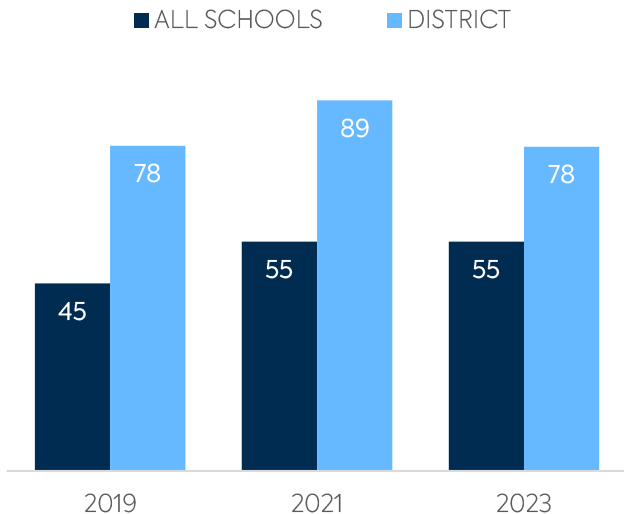
MILLARD COUNTY SCHOOL DISTRICT

DISTRICT FACTS

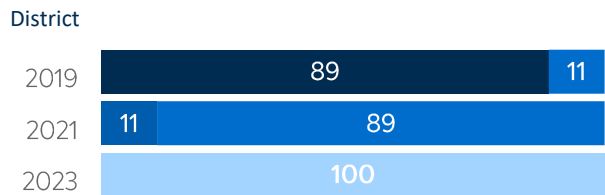
ENROLLMENT.....	3,257
NUMBER OF SCHOOLS.....	9
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	7%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	1%

WI-FI NETWORK COVERAGE

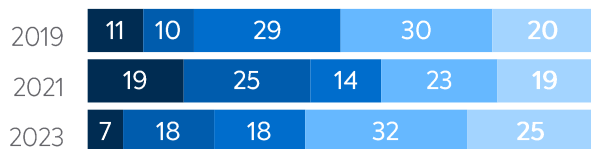
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

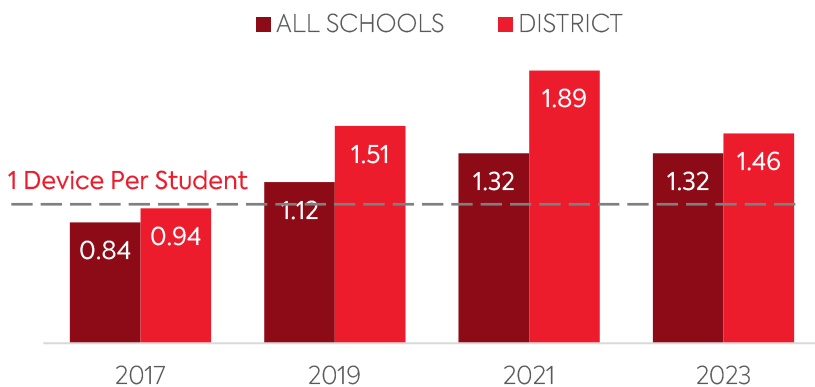


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

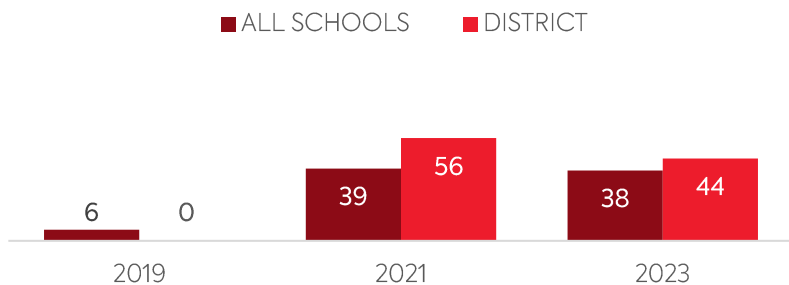
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	173	203	-597	-61%	-46%
LAPTOPS WINDOWS OS	0	176	-290	-62%	99%
DESKTOPS MAC	0	0	-7	-100%	-43%
LAPTOPS MAC	0	0	-12	-100%	-3%
CHROMEBOOKS GOOGLE	4,523	226	2,788	142%	124%
TABLETS WINDOWS	0	0	-17	-100%	125%
TABLETS ANDROID	0	0	-1	-100%	-27%
TABLETS IOS	54	8	-238	-79%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	4,750	613	1,626	44%	53%

COMPUTING DEVICES PER STUDENT

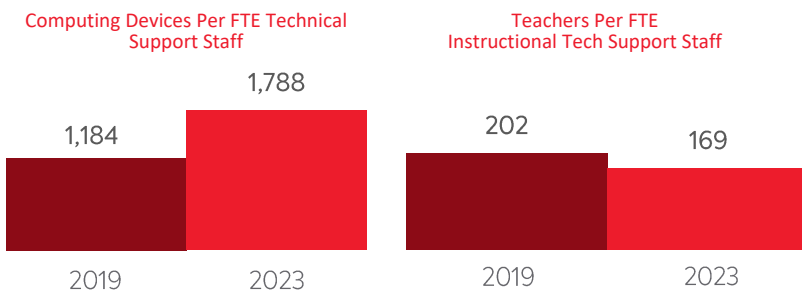


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



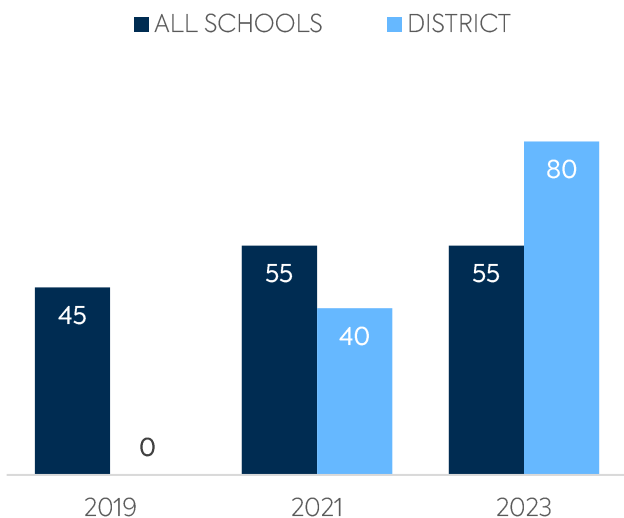
MORGAN SCHOOL DISTRICT

DISTRICT FACTS

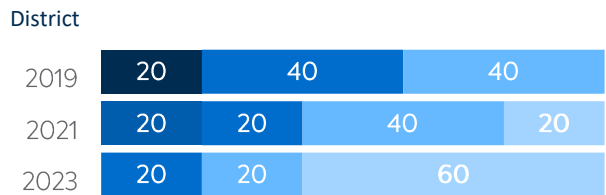
ENROLLMENT.....	3,179
NUMBER OF SCHOOLS.....	5
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	3.5%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

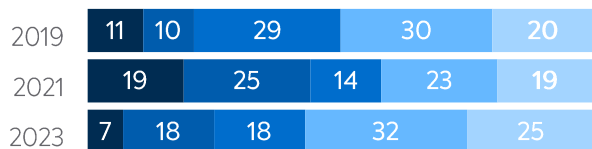
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

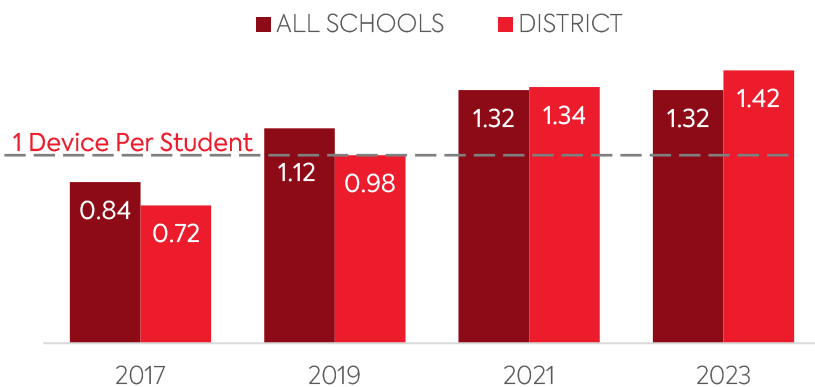


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

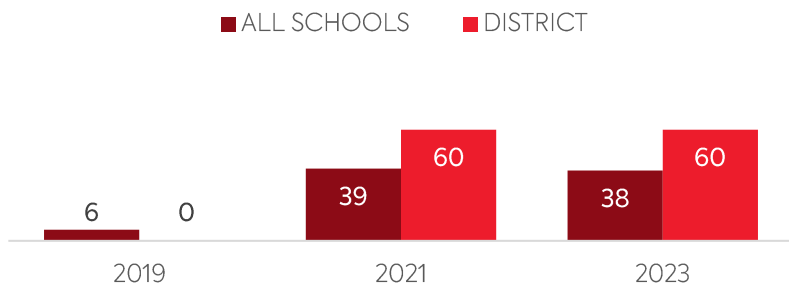
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	173	114	-6	-2%	-46%
LAPTOPS WINDOWS OS	70	107	72	69%	99%
DESKTOPS MAC	66	5	33	87%	-43%
LAPTOPS MAC	32	51	80	2,667%	-3%
CHROMEBOOKS GOOGLE	3,620	32	1,967	117%	124%
TABLETS WINDOWS	15	2	0	0%	125%
TABLETS ANDROID	180	2	0	0%	-27%
TABLETS IOS	335	30	235	181%	21%
OTHER DEVICES	31	0	31	N/A	-90%
ALL COMPUTING DEVICES	4,522	343	2,412	98%	53%

COMPUTING DEVICES PER STUDENT

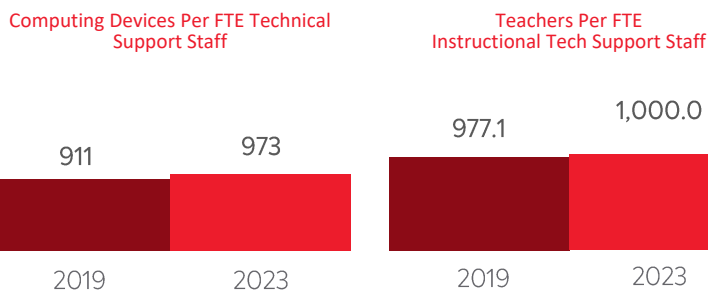


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



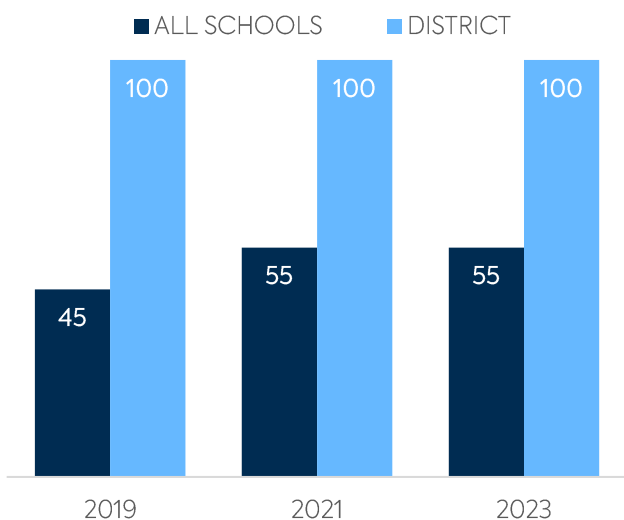
MURRAY CITY SCHOOL DISTRICT

DISTRICT FACTS

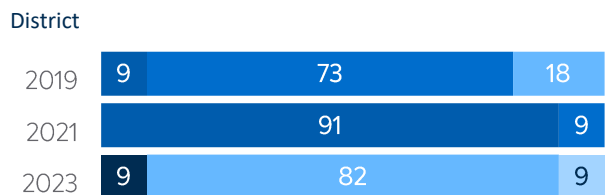
ENROLLMENT.....	5,704
NUMBER OF SCHOOLS.....	11
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	7%

WI-FI NETWORK COVERAGE

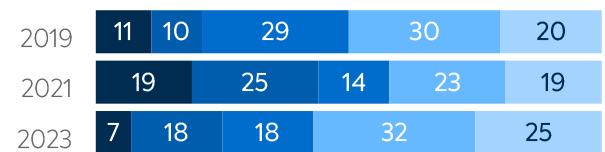
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

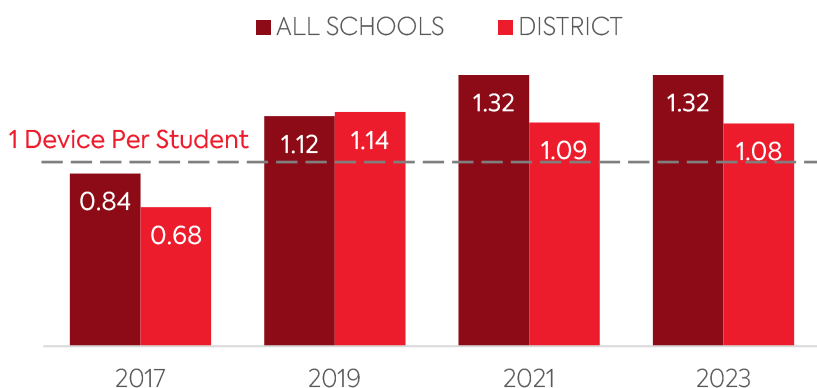


■ Less Than 1 Yr. Old ■ 1 Year Old
■ 2 Years Old ■ 3 Years Old
■ 4+ Years Old ■ Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

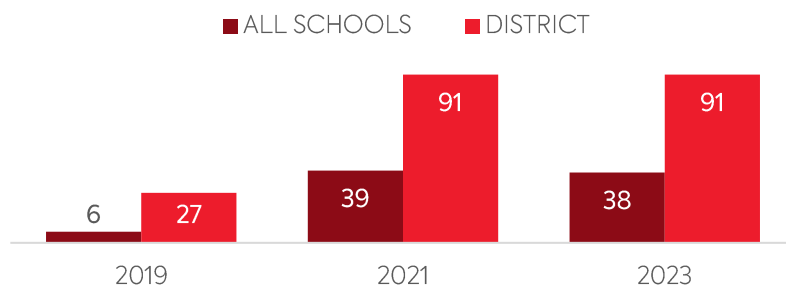
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	525	65	-549	-48%	-46%
LAPTOPS WINDOWS OS	0	389	-620	-61%	99%
DESKTOPS MAC	38	0	-39	-51%	-43%
LAPTOPS MAC	0	189	122	182%	-3%
CHROMEBOOKS GOOGLE	5,557	344	3,110	111%	124%
TABLETS WINDOWS	36	0	36	N/A	125%
TABLETS ANDROID	6	0	-18	-75%	-27%
TABLETS IOS	20	85	48	84%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	6,182	1,072	2,090	41%	53%

COMPUTING DEVICES PER STUDENT

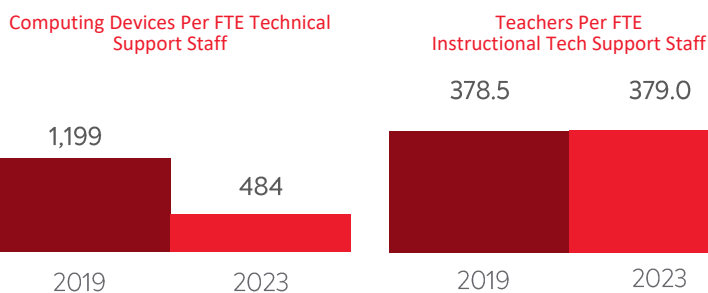


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



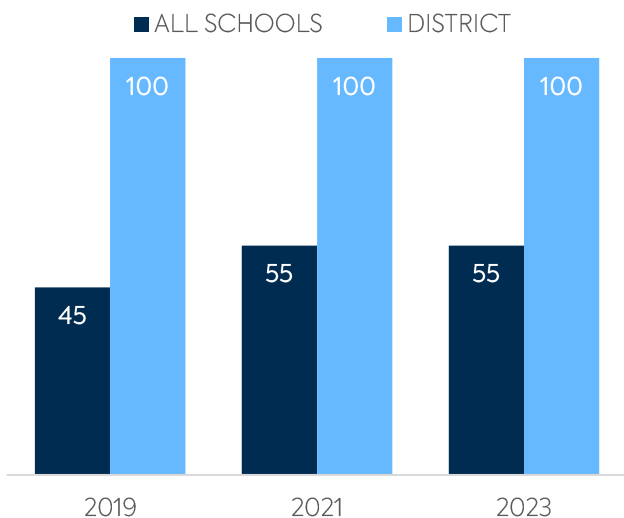
NEBO SCHOOL DISTRICT

DISTRICT FACTS

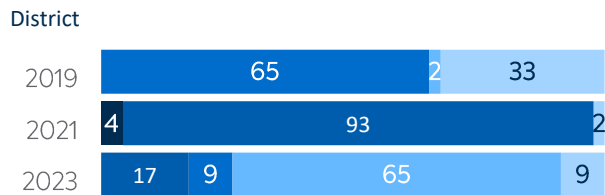
ENROLLMENT.....	35,445
NUMBER OF SCHOOLS.....	46
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

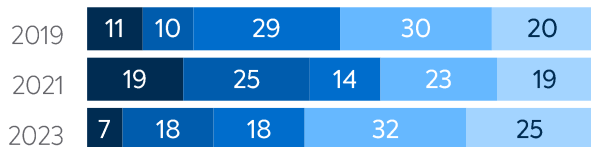
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

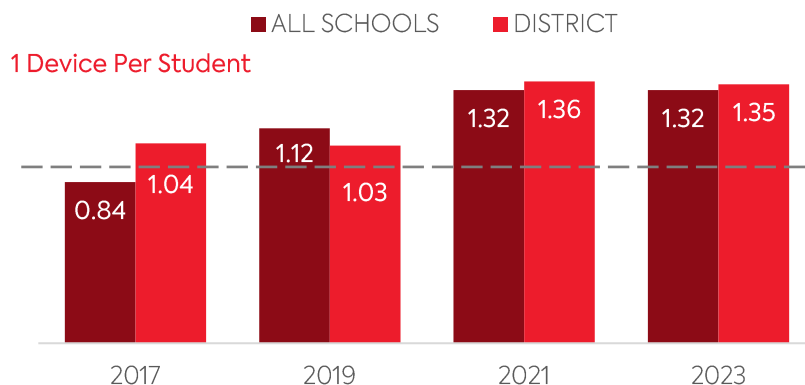


■ Less Than 1 Yr. Old ■ 1 Year Old
■ 2 Years Old ■ 3 Years Old
■ 4+ Years Old ■ Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

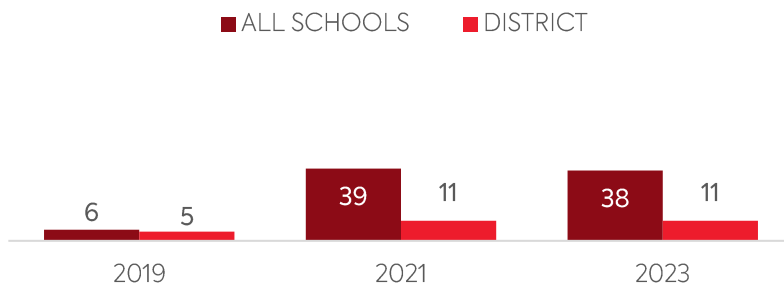
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	5,104	2,245	-2,432	-25%	-46%
LAPTOPS WINDOWS OS	30	323	143	68%	99%
DESKTOPS MAC	200	2	2	1%	-43%
LAPTOPS MAC	5	122	127	N/A	-3%
CHROMEBOOKS GOOGLE	38,637	0	15,439	67%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	3,868	2,203	761	14%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	47,844	4,895	14,040	36%	53%

COMPUTING DEVICES PER STUDENT

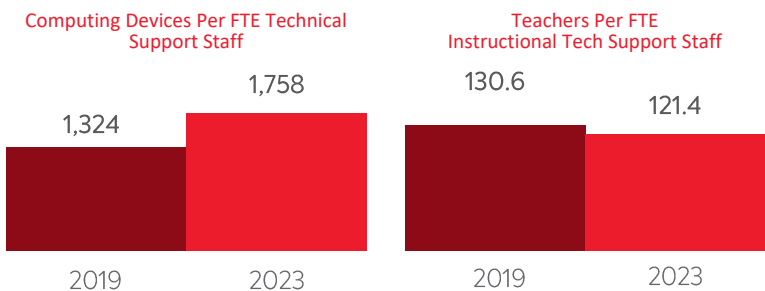


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



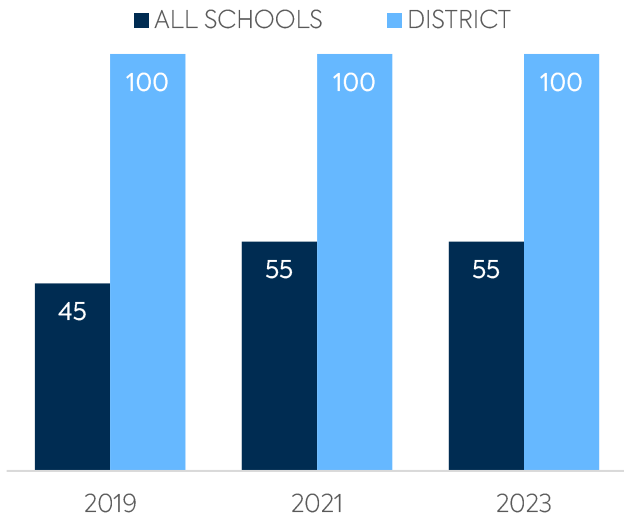
NORTH SANPETE SCHOOL DISTRICT

DISTRICT FACTS

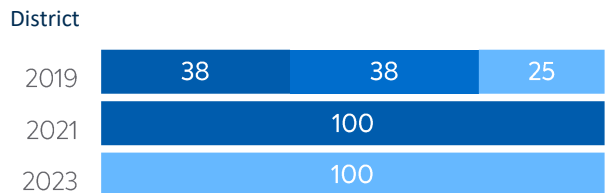
ENROLLMENT.....	2,683
NUMBER OF SCHOOLS.....	8
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

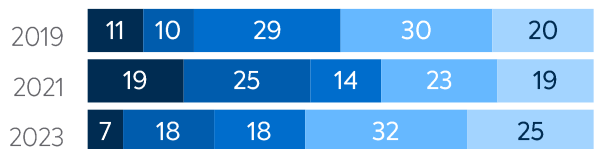
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

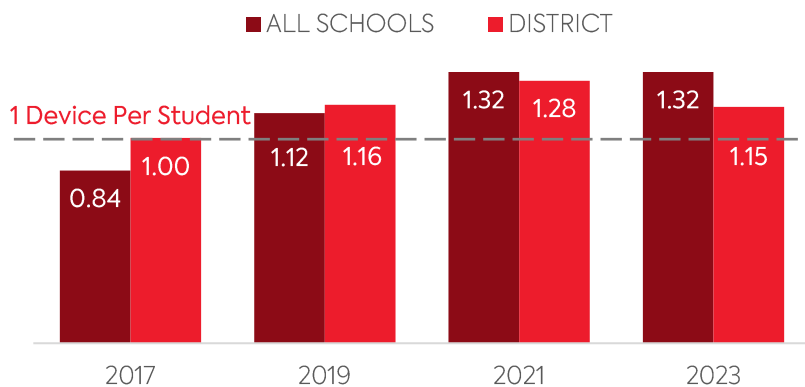


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

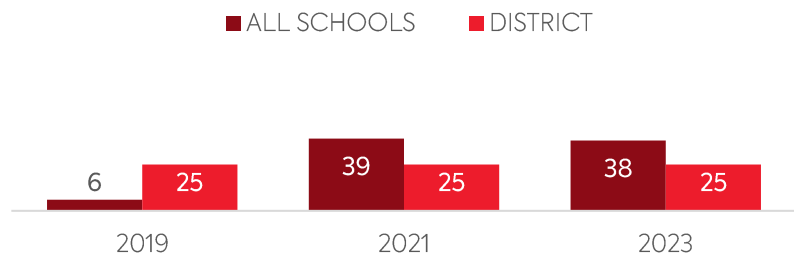
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	0	-146	-100%	-46%
LAPTOPS WINDOWS OS	0	1	-2	-67%	99%
DESKTOPS MAC	375	2	-94	-20%	-43%
LAPTOPS MAC	155	182	-187	-36%	-3%
CHROMEBOOKS GOOGLE	0	0	-155	-100%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	2,555	177	1,213	80%	21%
OTHER DEVICES	0	0	-58	-100%	-90%
ALL COMPUTING DEVICES	3,085	362	571	20%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

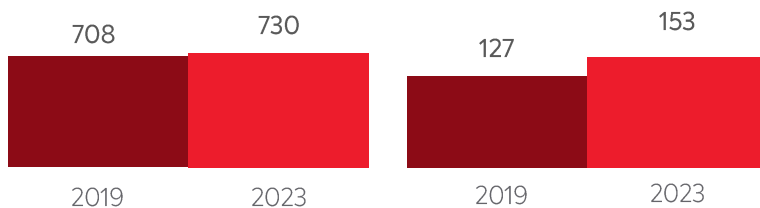
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



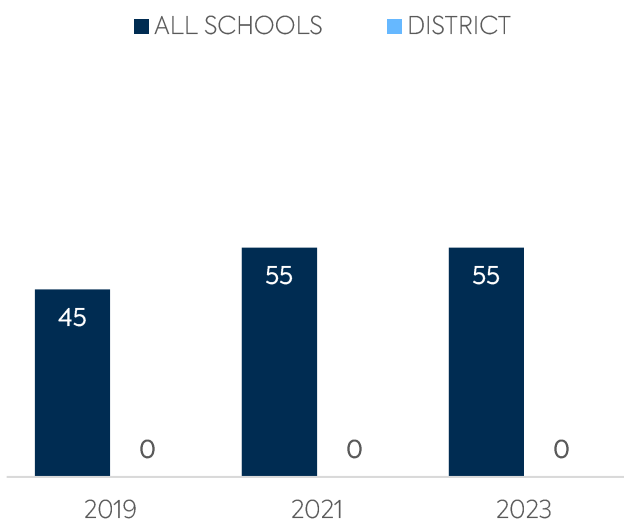
NORTH SUMMIT SCHOOL DISTRICT

DISTRICT FACTS

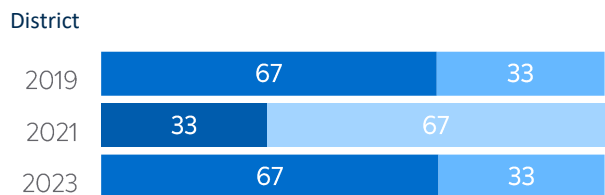
ENROLLMENT.....	1,075
NUMBER OF SCHOOLS.....	3
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	5%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

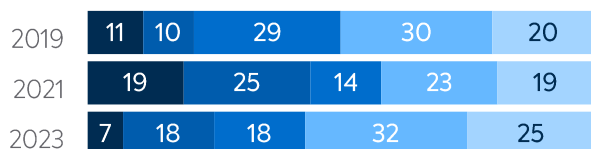
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

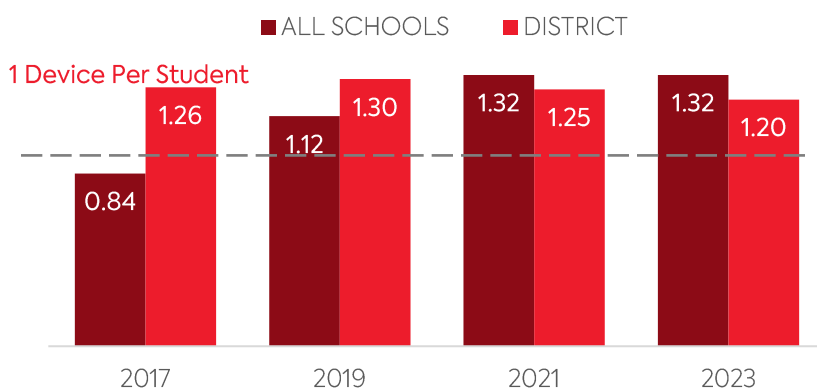


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

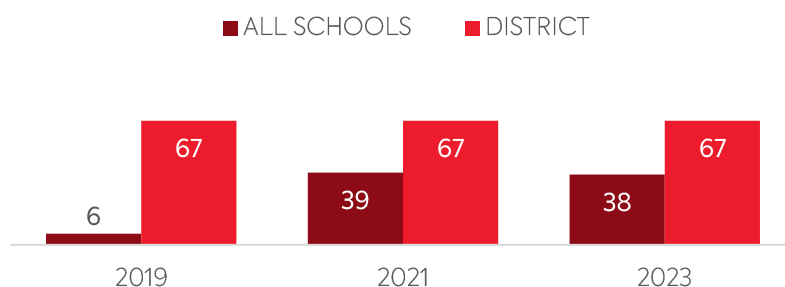
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	2	4	-27	-82%	-46%
LAPTOPS WINDOWS OS	2	0	2	N/A	99%
DESKTOPS MAC	102	63	-105	-39%	-43%
LAPTOPS MAC	755	166	96	12%	-3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	426	86	28	6%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	1,287	319	-6	-0%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

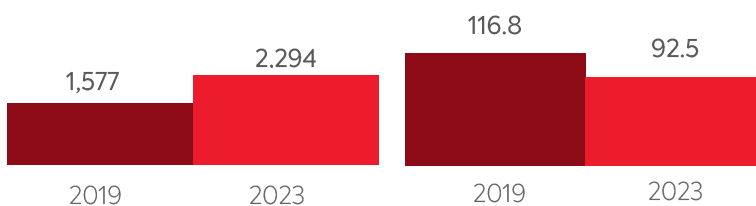
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



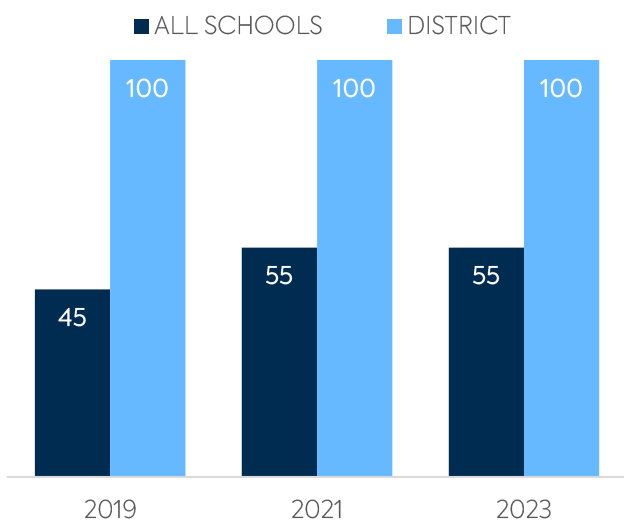
OGDEN CITY SCHOOL DISTRICT

DISTRICT FACTS

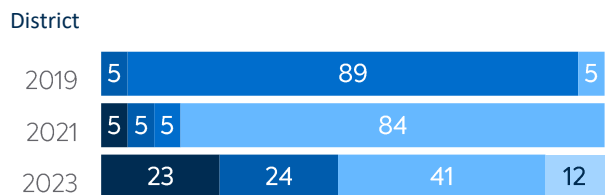
ENROLLMENT.....	10,368
NUMBER OF SCHOOLS.....	17
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	1%

WI-FI NETWORK COVERAGE

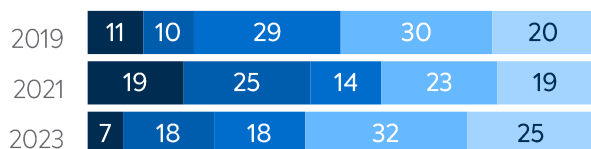
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

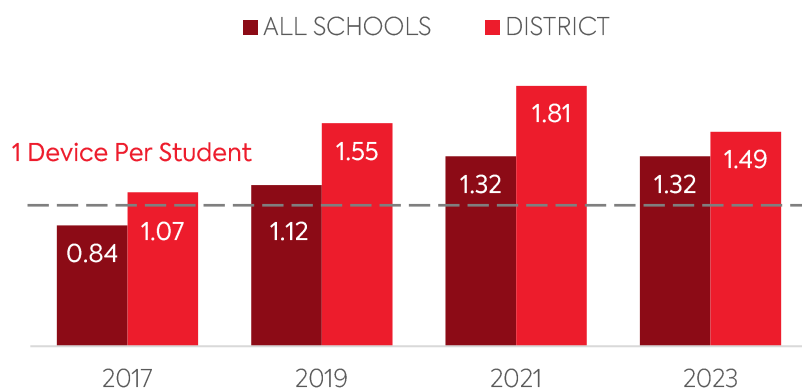


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

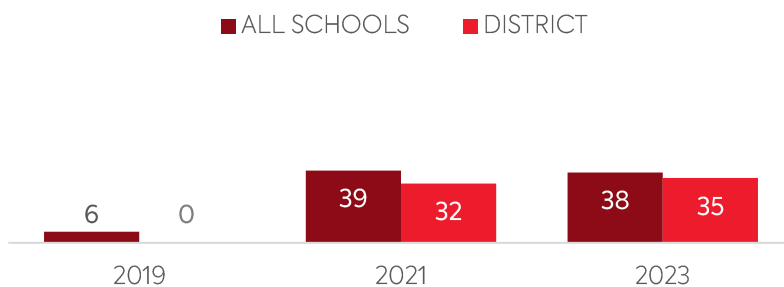
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	714	362	-3,424	-76%	-46%
LAPTOPS WINDOWS OS	41	919	-182	-16%	99%
DESKTOPS MAC	4	0	-58	-94%	-43%
LAPTOPS MAC	2	4	-2	-25%	-3%
CHROMEBOOKS GOOGLE	14,036	136	8,482	149%	124%
TABLETS WINDOWS	0	0	-6	-100%	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	628	342	-726	-43%	21%
OTHER DEVICES	0	0	-55	-100%	-90%
ALL COMPUTING DEVICES	15,425	1,763	4,029	31%	53%

COMPUTING DEVICES PER STUDENT

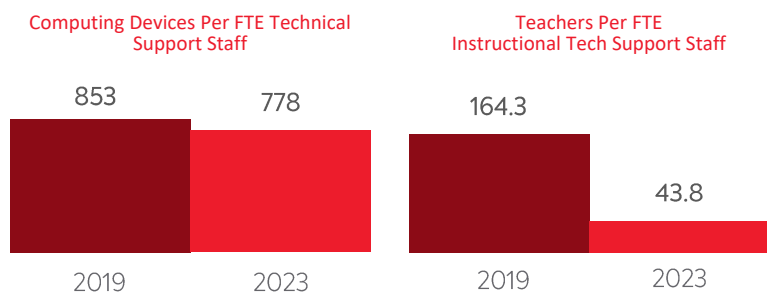


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



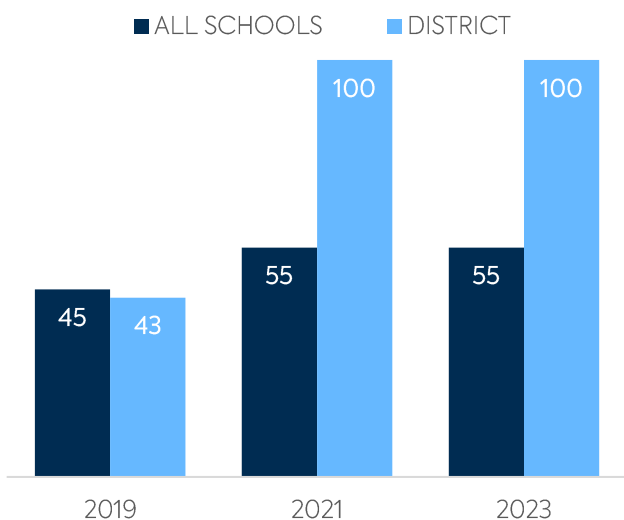
PARK CITY SCHOOL DISTRICT

DISTRICT FACTS

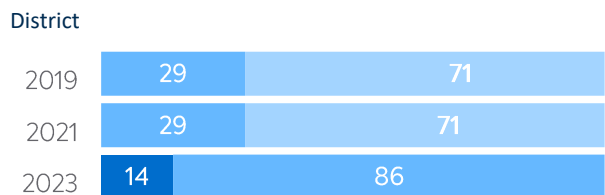
ENROLLMENT.....	4,271
NUMBER OF SCHOOLS.....	7
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	1%

WI-FI NETWORK COVERAGE

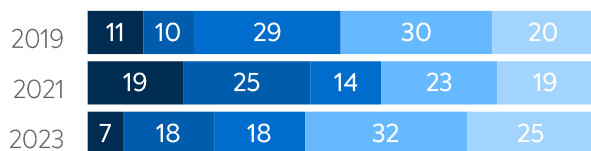
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

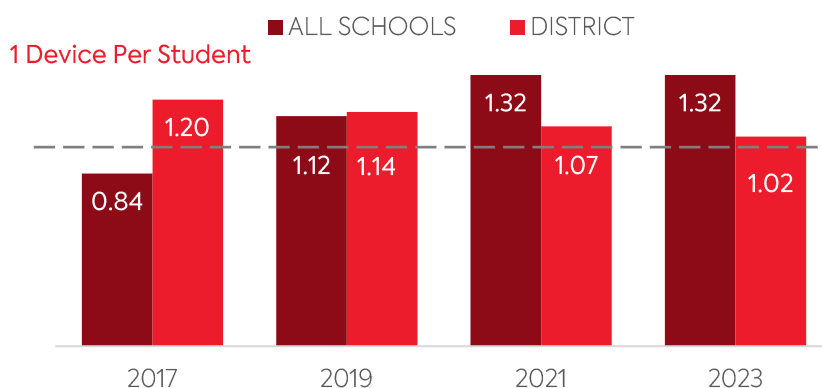


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

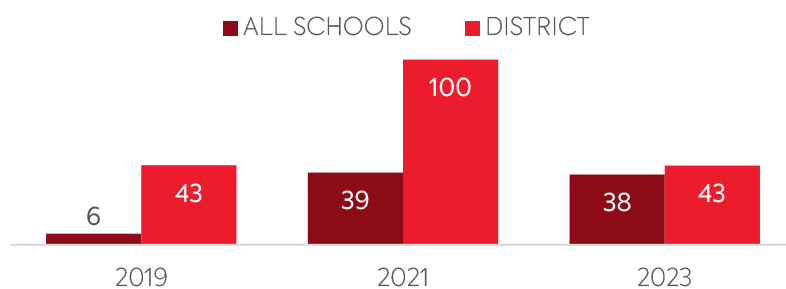
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	1	10	-38	-78%	-46%
LAPTOPS WINDOWS OS	48	7	42	323%	99%
DESKTOPS MAC	0	6	-266	-98%	-43%
LAPTOPS MAC	3,474	838	-1,020	-19%	-3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	10	0	-1	-9%	-27%
TABLETS IOS	827	218	77	8%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	4,360	1,079	-1,206	-18%	53%

COMPUTING DEVICES PER STUDENT

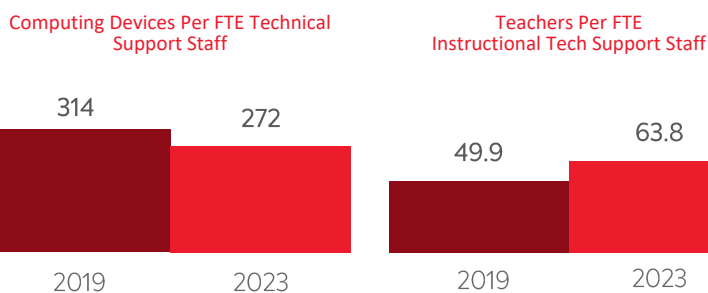


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



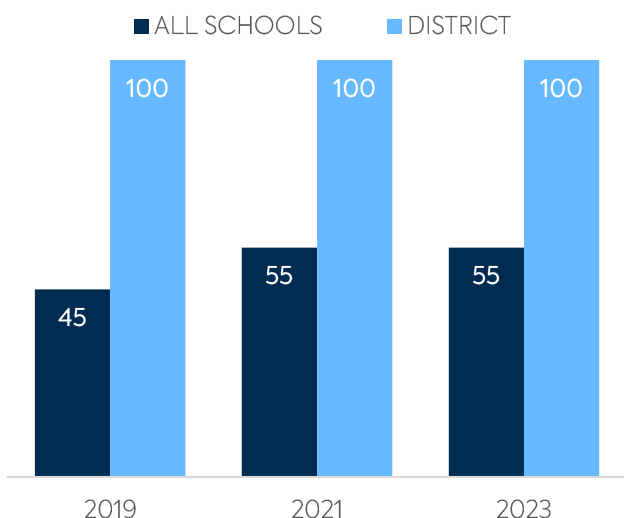
PIUTE COUNTY SCHOOL DISTRICT

DISTRICT FACTS

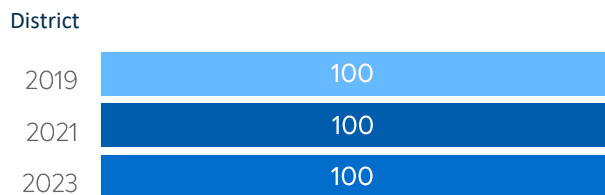
ENROLLMENT.....	262
NUMBER OF SCHOOLS.....	3
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

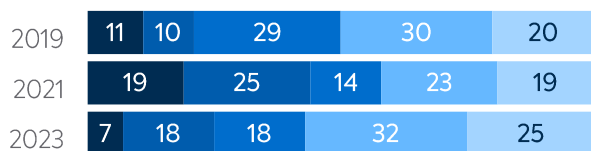
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

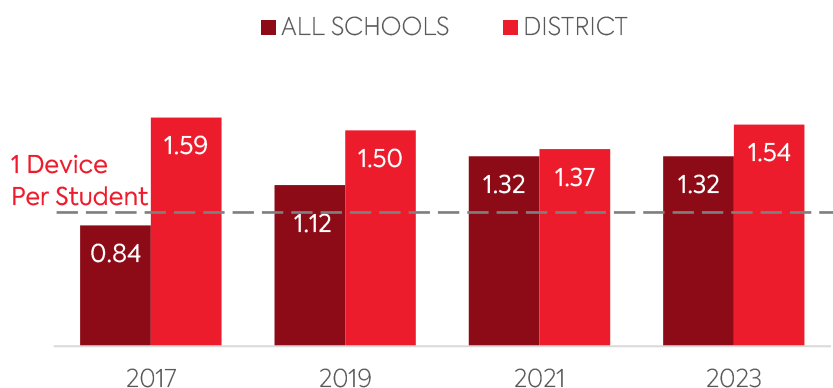


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

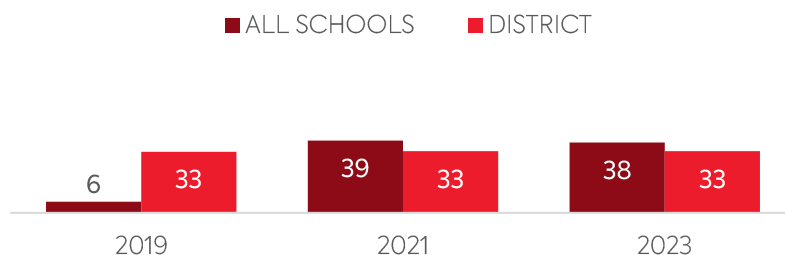
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	0	0	N/A	-46%
LAPTOPS WINDOWS OS	0	0	-1	-100%	99%
DESKTOPS MAC	49	32	-12	-13%	-43%
LAPTOPS MAC	156	11	95	132%	-3%
CHROMEBOOKS GOOGLE	157	0	13	9%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	42	34	-173	-70%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	404	77	-78	-14%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

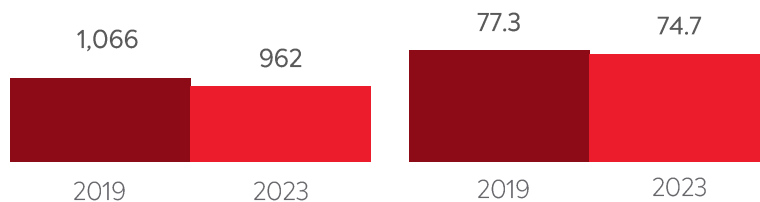
Schools With 1:1 Programs Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



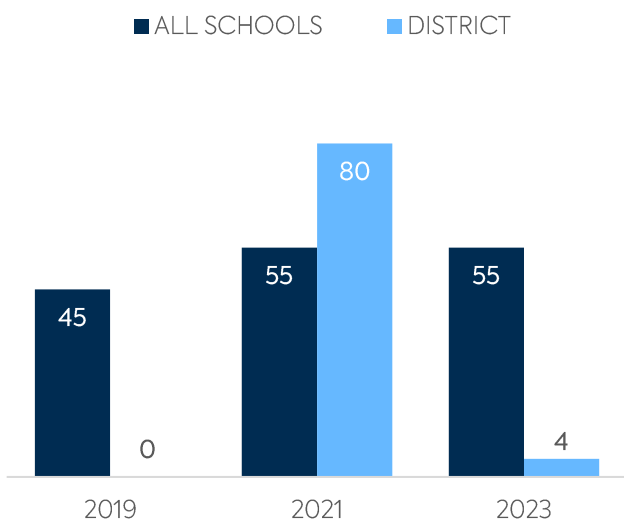
PROVO CITY SCHOOL DISTRICT

DISTRICT FACTS

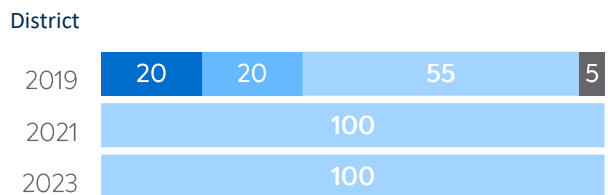
ENROLLMENT.....	13,753
NUMBER OF SCHOOLS.....	23
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	1.8%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	1%

WI-FI NETWORK COVERAGE

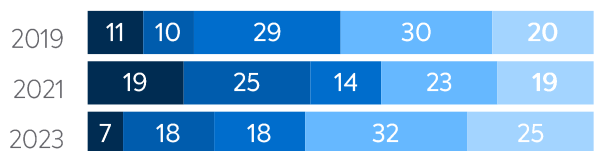
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

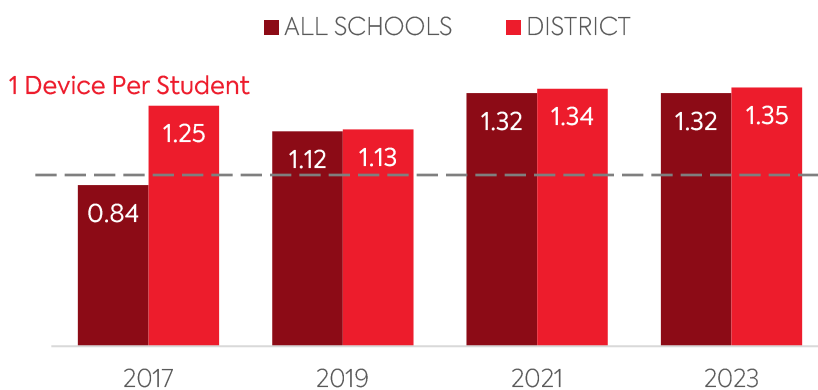


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	781	8	-470	-37%	-46%
LAPTOPS WINDOWS OS	107	62	-20	-11%	99%
DESKTOPS MAC	494	25	-2,094	-80%	-43%
LAPTOPS MAC	309	1,014	-756	-36%	-3%
CHROMEBOOKS GOOGLE	14,434	95	4,285	42%	124%
TABLETS WINDOWS	2	2	4	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	2,407	432	-260	-8%	21%
OTHER DEVICES	15	0	15	N/A	-90%
ALL COMPUTING DEVICES	18,549	1,638	704	4%	53%

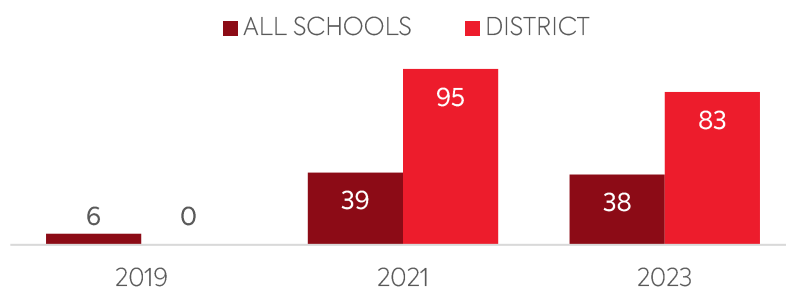
COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

Schools With 1:1 Programs

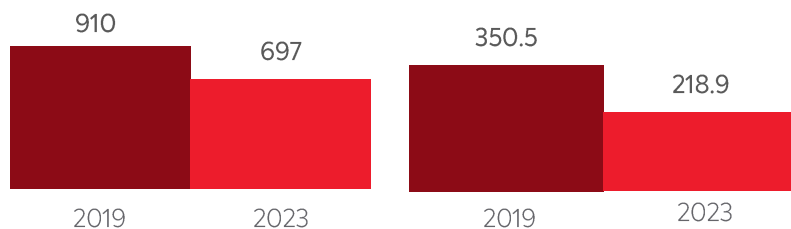
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



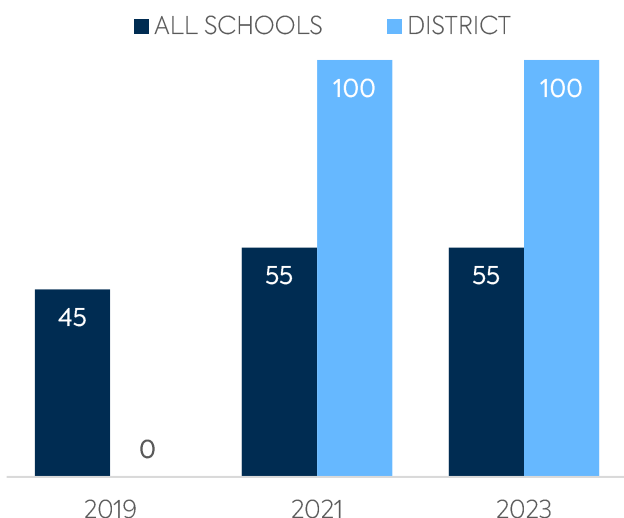
RICH COUNTY SCHOOL DISTRICT

DISTRICT FACTS

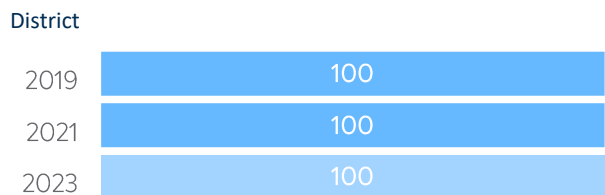
ENROLLMENT.....	534
NUMBER OF SCHOOLS.....	4
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

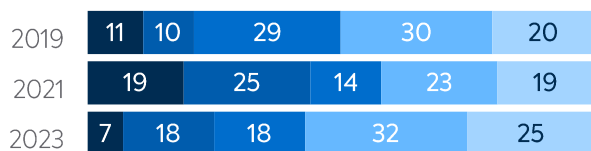
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

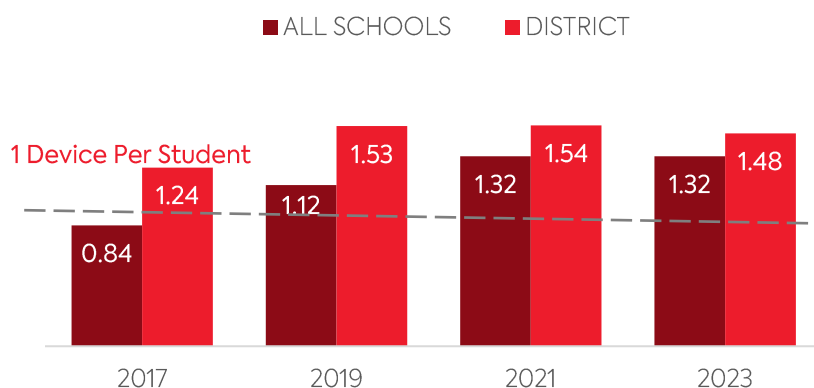


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

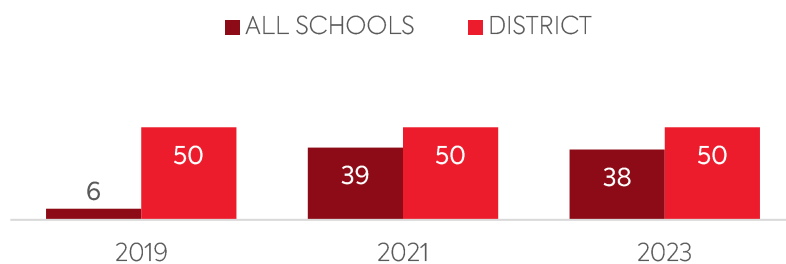
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	54	39	-43	-32%	-46%
LAPTOPS WINDOWS OS	446	40	442	1,005%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	124%
TABLETS WINDOWS	0	0	-331	-100%	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	290	21	73	31%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	790	100	141	19%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

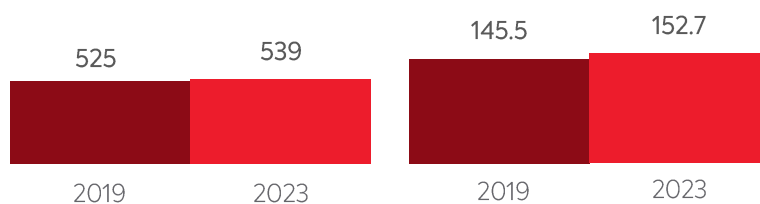
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



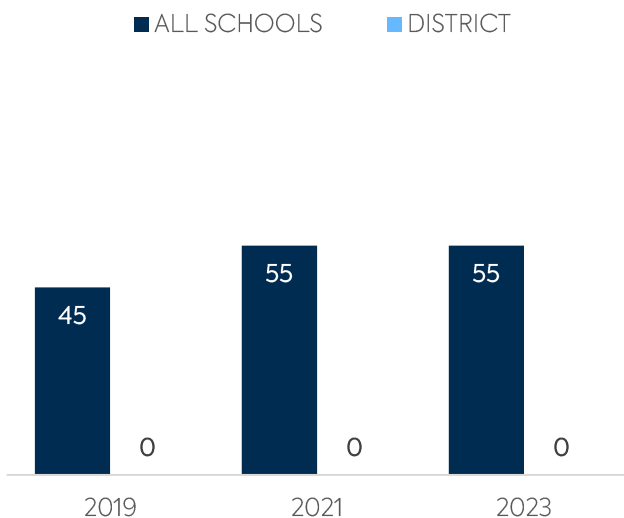
SALT LAKE CITY SCHOOL DISTRICT

DISTRICT FACTS

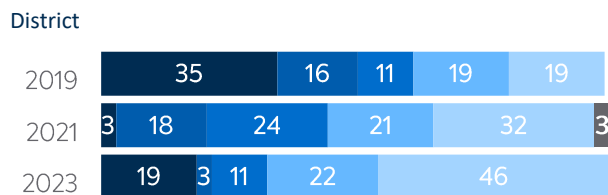
ENROLLMENT.....	18,966
NUMBER OF SCHOOLS.....	37
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	83.9%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	5%

WI-FI NETWORK COVERAGE

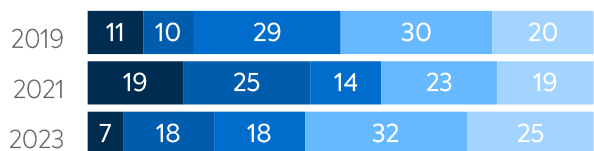
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

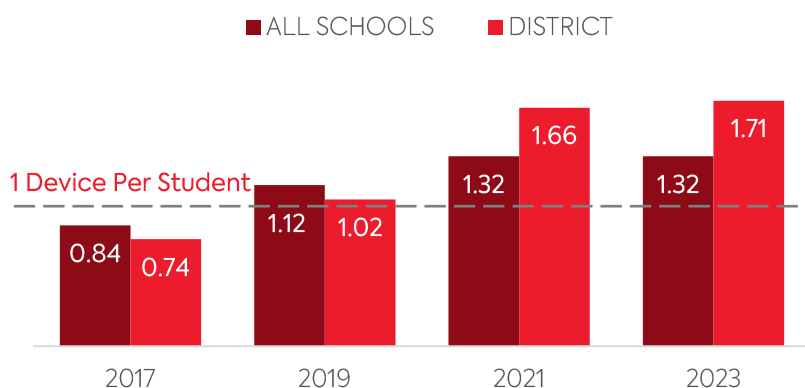


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

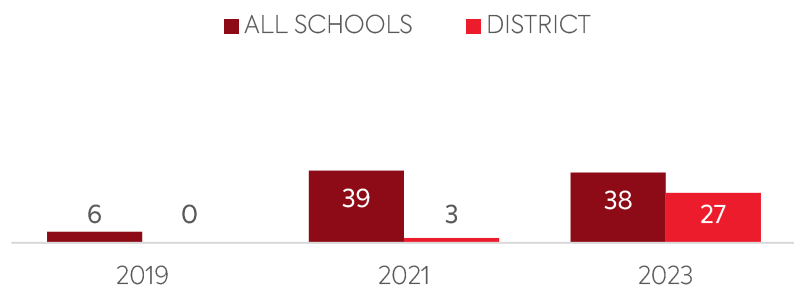
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	4,037	1,428	-3,085	-36%	-46%
LAPTOPS WINDOWS OS	24,547	1,844	18,782	247%	99%
DESKTOPS MAC	220	26	95	63%	-43%
LAPTOPS MAC	0	58	-78	-57%	-3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	124%
TABLETS WINDOWS	0	4	-90	-96%	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	3,550	746	31	1%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	32,354	4,106	15,655	75%	53%

COMPUTING DEVICES PER STUDENT

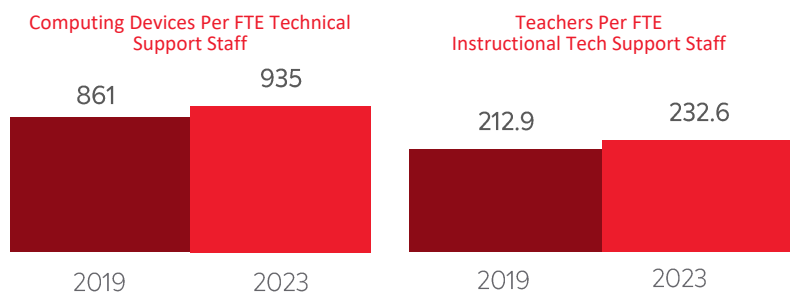


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



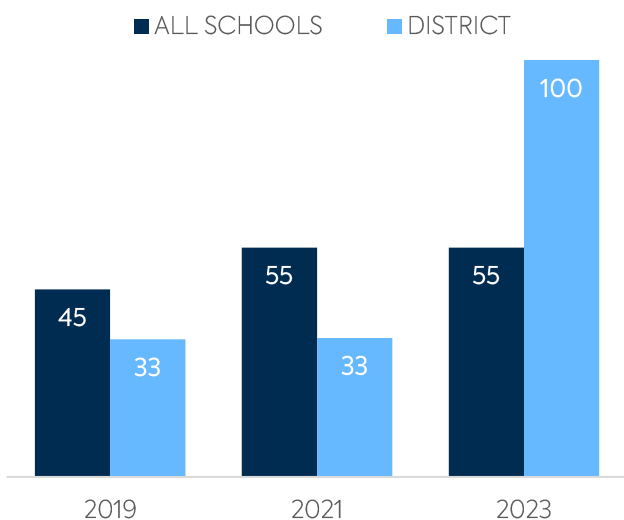
SAN JUAN COUNTY SCHOOL DISTRICT

DISTRICT FACTS

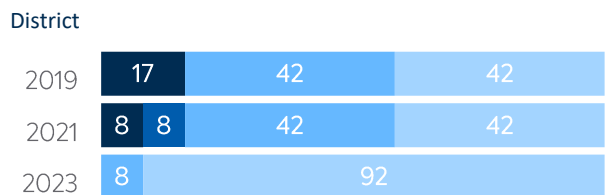
ENROLLMENT.....	3,006
NUMBER OF SCHOOLS.....	12
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	45%

WI-FI NETWORK COVERAGE

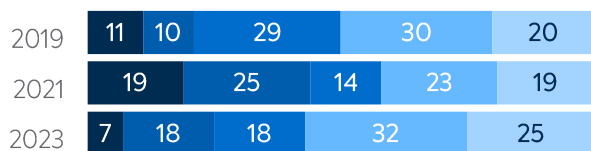
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

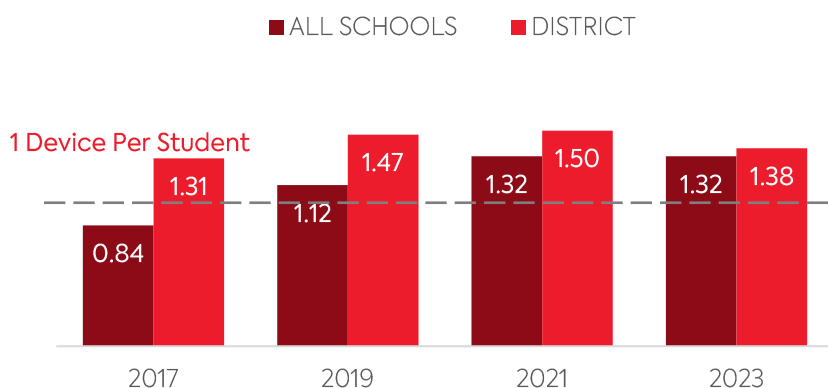


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

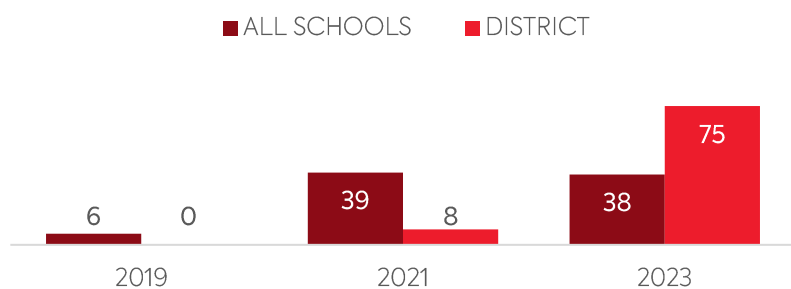
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	377	385	-867	-53%	-46%
LAPTOPS WINDOWS OS	1	83	-71	-46%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	-1	-100%	-3%
CHROMEBOOKS GOOGLE	3,647	196	1,284	50%	124%
TABLETS WINDOWS	0	0	-1	-100%	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	87	37	-47	-28%	21%
OTHER DEVICES	24	0	24	N/A	-90%
ALL COMPUTING DEVICES	4,136	701	321	7%	53%

COMPUTING DEVICES PER STUDENT

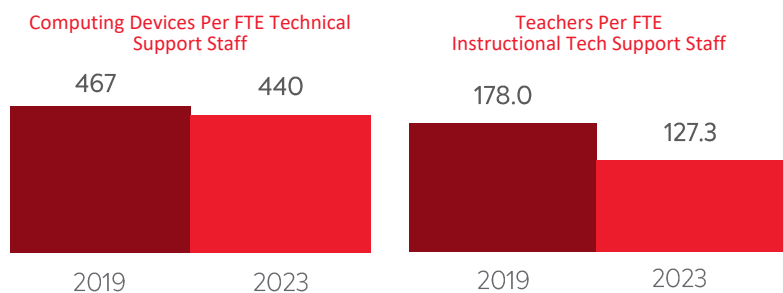


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



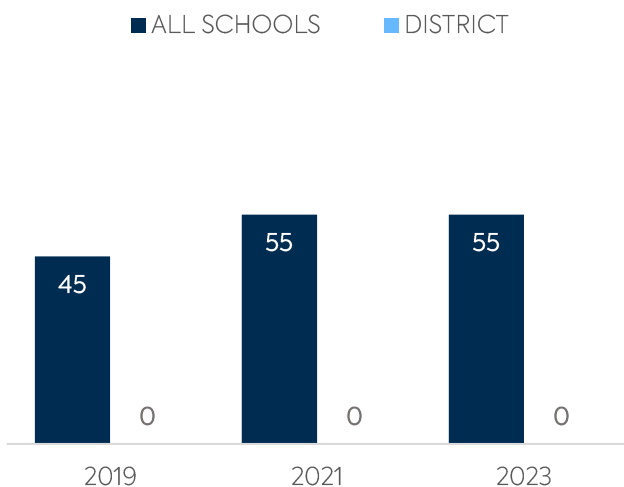
SEVIER SCHOOL DISTRICT

DISTRICT FACTS

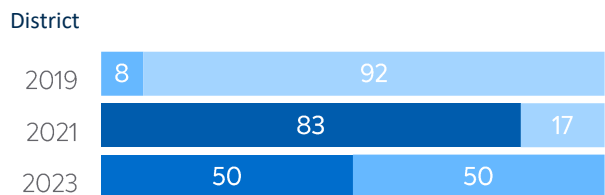
ENROLLMENT.....	4,581
NUMBER OF SCHOOLS.....	12
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

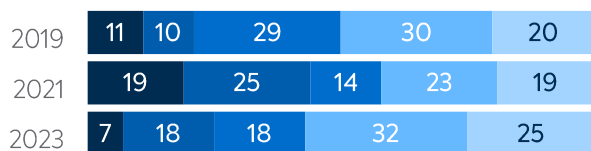
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

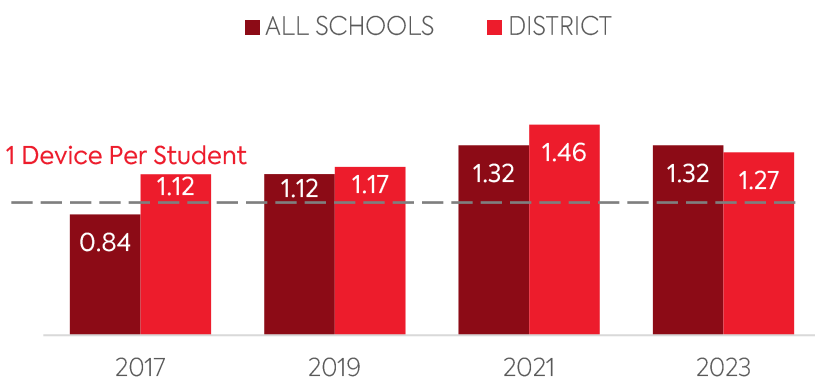


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

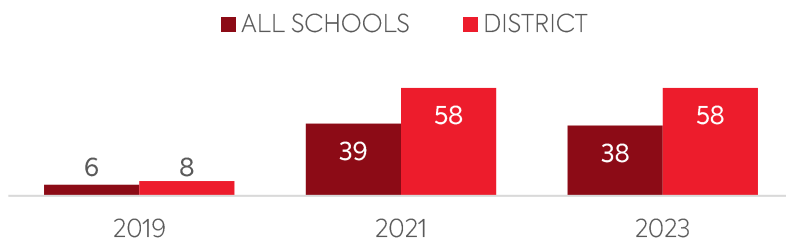
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	150	23	-29	-14%	-46%
LAPTOPS WINDOWS OS	0	5	0	0%	99%
DESKTOPS MAC	618	55	-644	-49%	-43%
LAPTOPS MAC	50	247	170	134%	-3%
CHROMEBOOKS GOOGLE	4,776	13	1,817	61%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	231	363	-626	-51%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	5,825	706	688	12%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

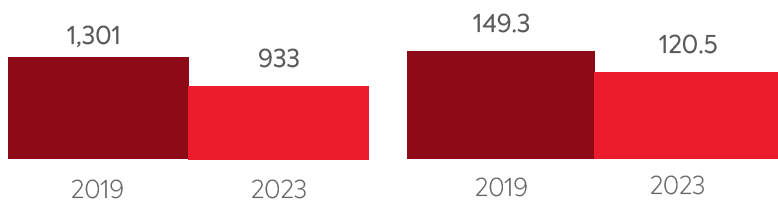
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



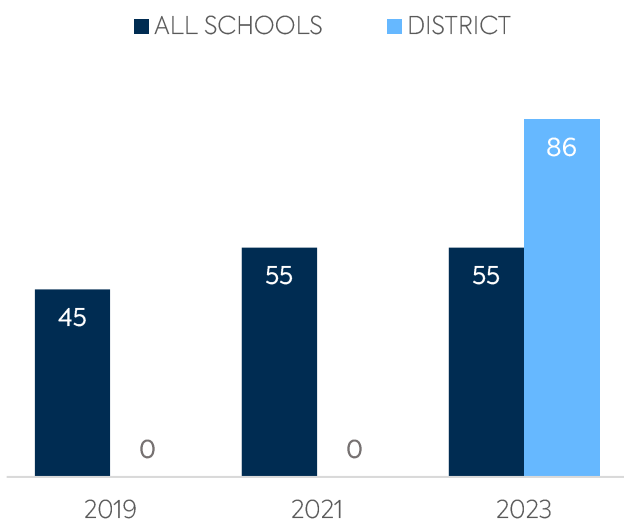
SOUTH SANPETE SCHOOL DISTRICT

DISTRICT FACTS

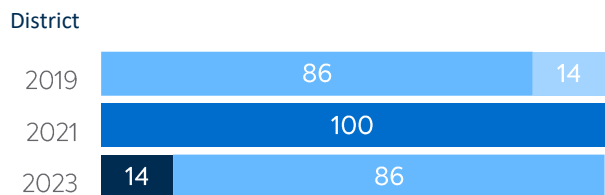
ENROLLMENT.....	3,169
NUMBER OF SCHOOLS.....	7
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	4%

WI-FI NETWORK COVERAGE

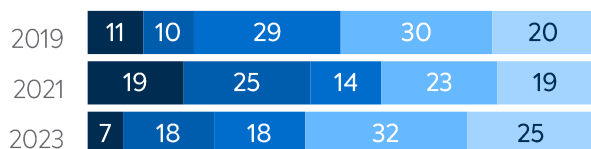
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

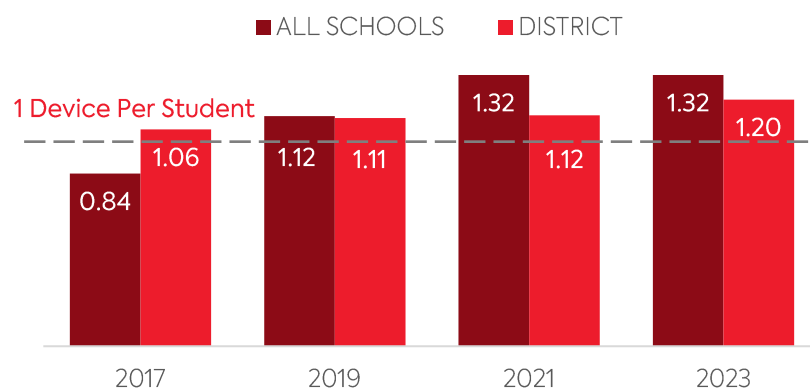


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

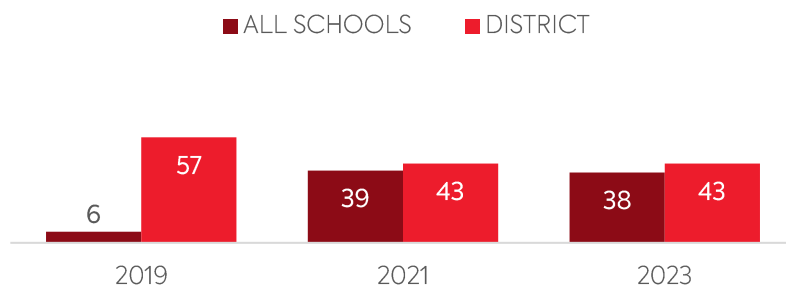
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	80	2	49	149%	-46%
LAPTOPS WINDOWS OS	0	0	0	N/A	99%
DESKTOPS MAC	282	254	-265	-33%	-43%
LAPTOPS MAC	81	66	-3	-2%	-3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	3,358	318	541	17%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	3,801	640	322	8%	53%

COMPUTING DEVICES PER STUDENT

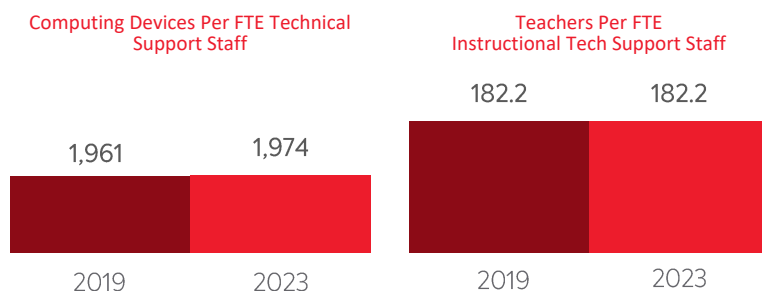


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



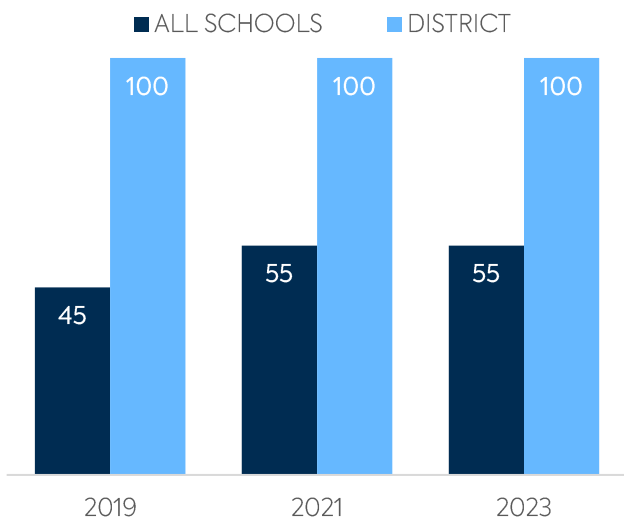
SOUTH SUMMIT SCHOOL DISTRICT

DISTRICT FACTS

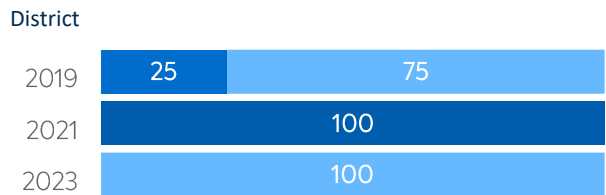
ENROLLMENT.....	1,688
NUMBER OF SCHOOLS.....	4
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	33.3%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

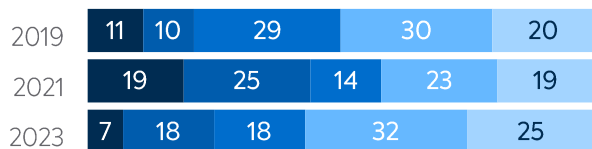
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

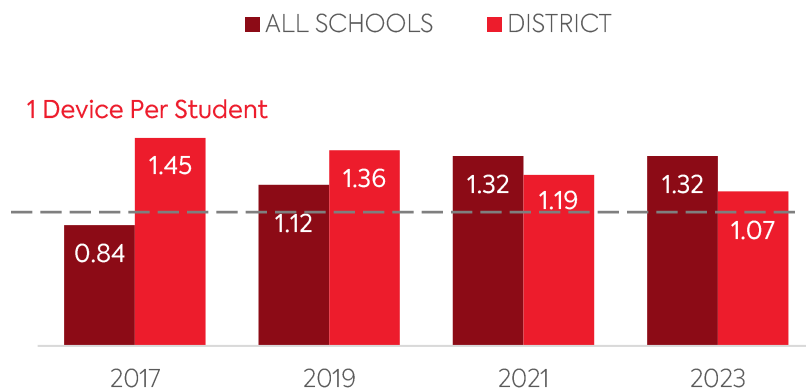


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

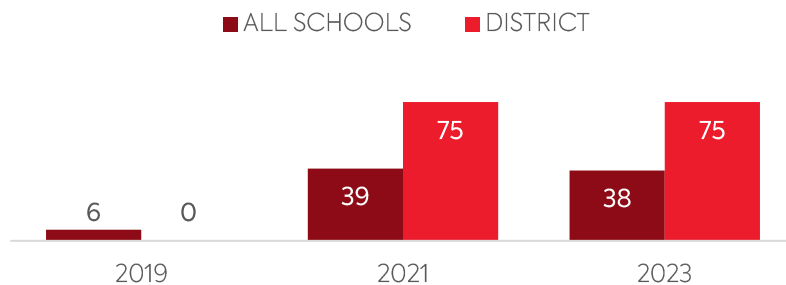
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	35	1	-2	-5%	-46%
LAPTOPS WINDOWS OS	40	4	11	33%	99%
DESKTOPS MAC	30	35	-283	-81%	-43%
LAPTOPS MAC	548	164	-1,173	-62%	-3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	1,160	114	690	118%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	1,813	318	-757	-26%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

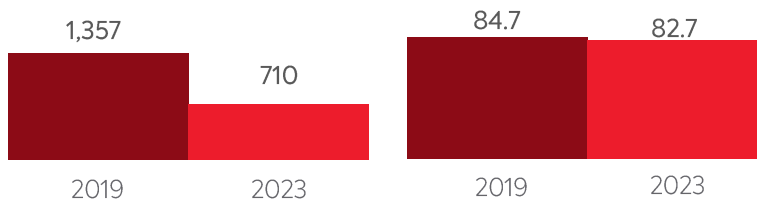
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



TINTIC SCHOOL DISTRICT

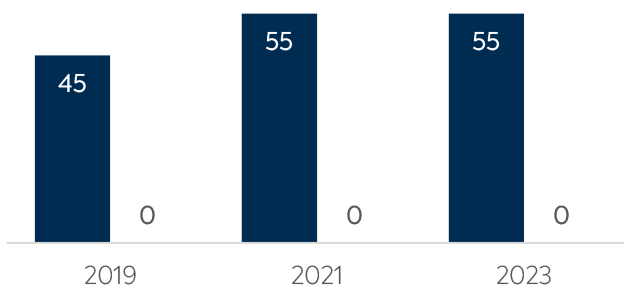
DISTRICT FACTS

ENROLLMENT.....	233
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 NETWORK COVERAGE

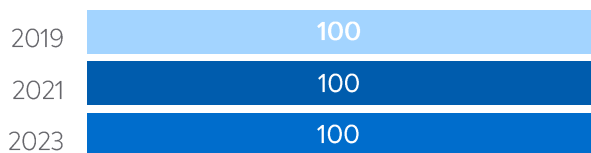
Schools Where All Educational Spaces Have Wi-Fi Access (%)

■ ALL SCHOOLS ■ DISTRICT

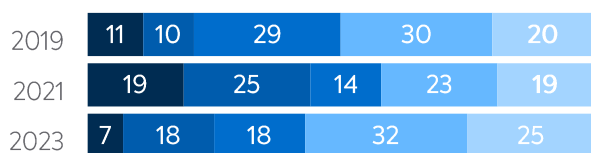


AGE OF WI-FI ACCESS POINTS (%)

District



All Schools



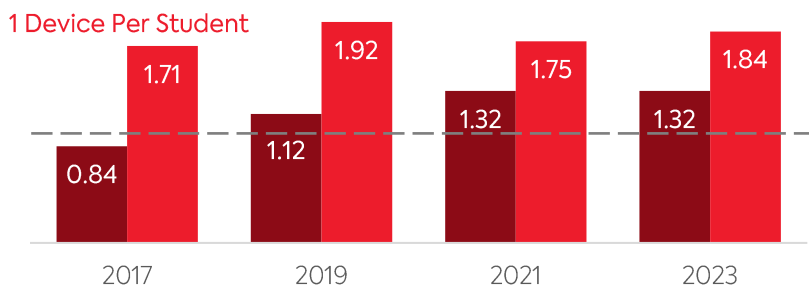
■ Less Than 1 Yr. Old ■ 1 Year Old
■ 2 Years Old ■ 3 Years Old
■ 4+ Years Old ■ Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	44	28	-4	-5%	-46%
LAPTOPS WINDOWS OS	20	18	-1	-3%	99%
DESKTOPS MAC	6	5	0	0%	-43%
LAPTOPS MAC	0	4	-1	-20%	-3%
CHROMEBOOKS GOOGLE	338	5	29	9%	124%
TABLETS WINDOWS	0	4	0	0%	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	20	8	0	0%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	428	72	23	5%	53%

COMPUTING DEVICES PER STUDENT

■ ALL SCHOOLS ■ DISTRICT

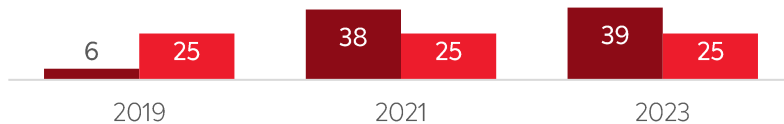


MOBILE DEPLOYMENT

Schools With 1:1 Programs

Where Students Can Take Devices Home (%)

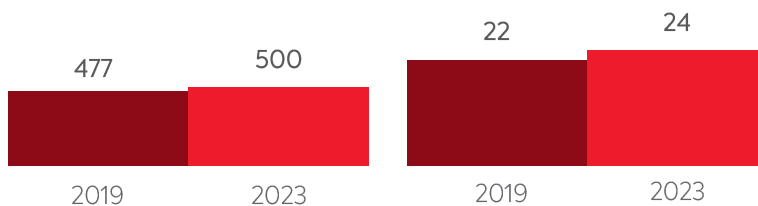
■ ALL SCHOOLS ■ DISTRICT



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



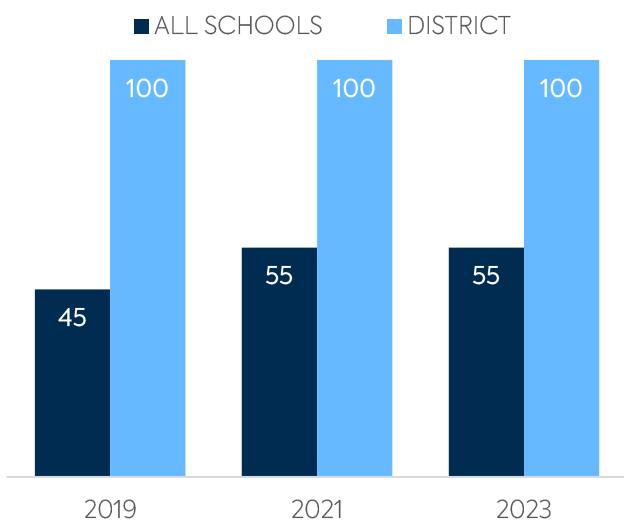
TOOELE COUNTY SCHOOL DISTRICT

DISTRICT FACTS

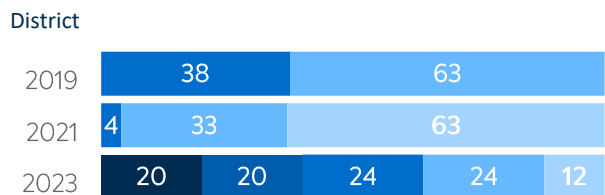
ENROLLMENT.....	15,431
NUMBER OF SCHOOLS.....	25
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	30%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	5%

WI-FI NETWORK COVERAGE

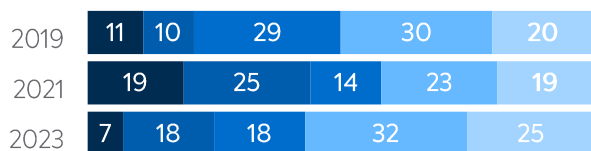
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

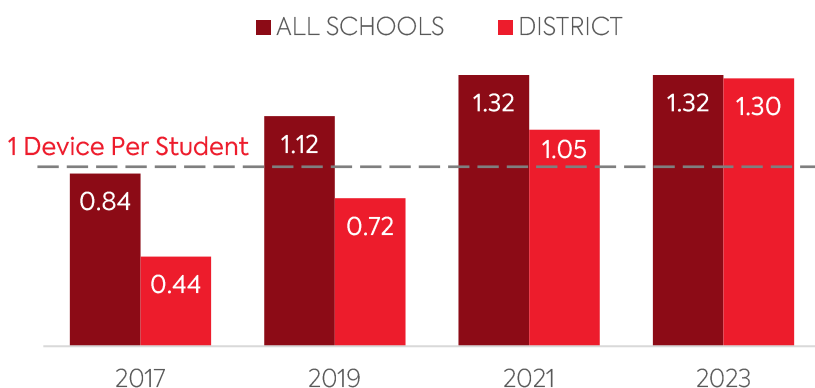


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

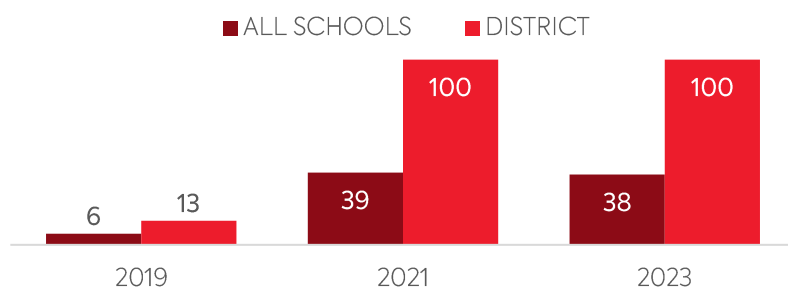
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	1,280	947	-1,832	-45%	-46%
LAPTOPS WINDOWS OS	1,389	212	-1,522	-49%	99%
DESKTOPS MAC	86	19	-64	-38%	-43%
LAPTOPS MAC	85	42	17	16%	-3%
CHROMEBOOKS GOOGLE	15,606	1,469	16,958	14,494%	124%
TABLETS WINDOWS	0	0	-3	-100%	125%
TABLETS ANDROID	240	0	240	N/A	-27%
TABLETS IOS	1,429	181	488	44%	21%
OTHER DEVICES	0	38	28	280%	-90%
ALL COMPUTING DEVICES	20,115	2,908	14,310	164%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

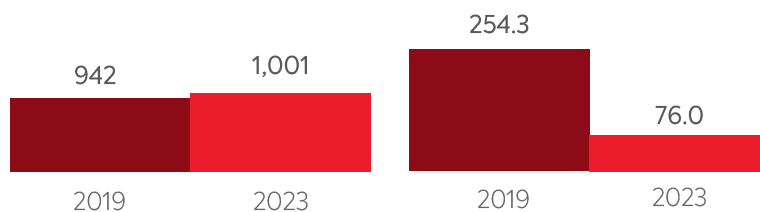
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



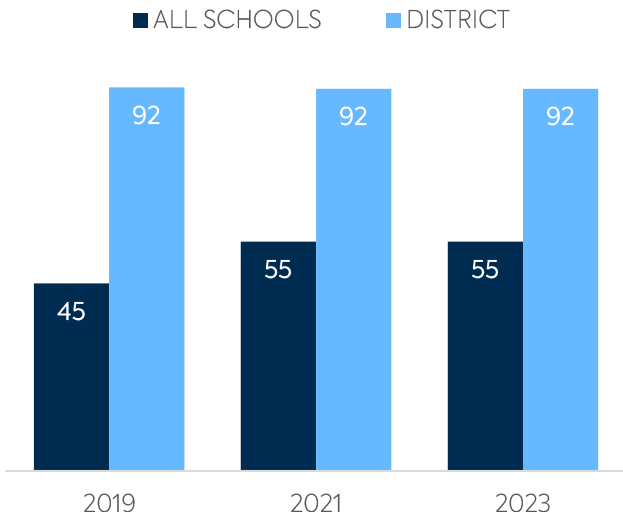
UINTAH COUNTY SCHOOL DISTRICT

DISTRICT FACTS

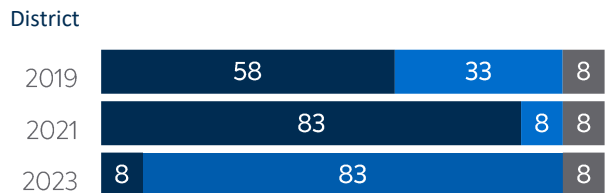
ENROLLMENT.....	6,696
NUMBER OF SCHOOLS.....	12
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

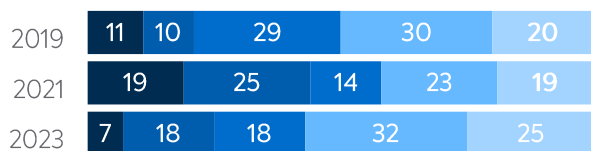
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

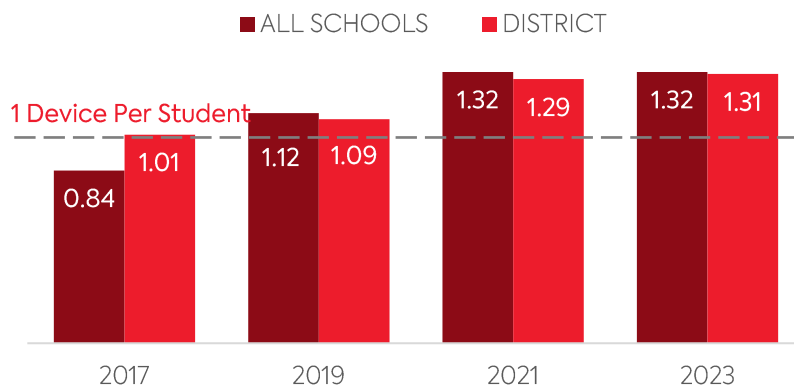


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

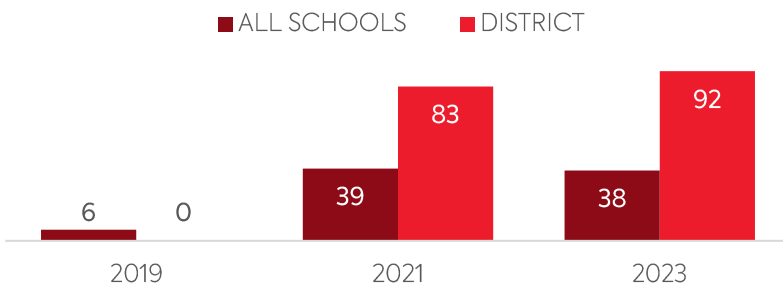
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	997	98	-1,408	-56%	-46%
LAPTOPS WINDOWS OS	218	504	473	190%	99%
DESKTOPS MAC	90	37	0	0%	-43%
LAPTOPS MAC	0	10	2	25%	-3%
CHROMEBOOKS GOOGLE	7,195	337	2,440	48%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	272	25	-57	-16%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	8,772	1,011	1,450	17%	53%

COMPUTING DEVICES PER STUDENT



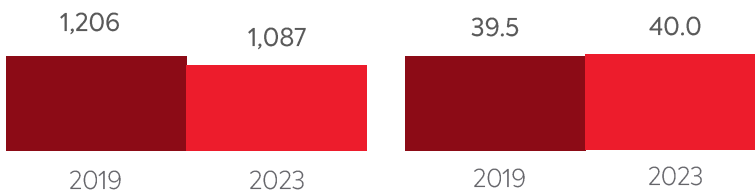
MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff Teachers Per FTE Instructional Tech Support Staff



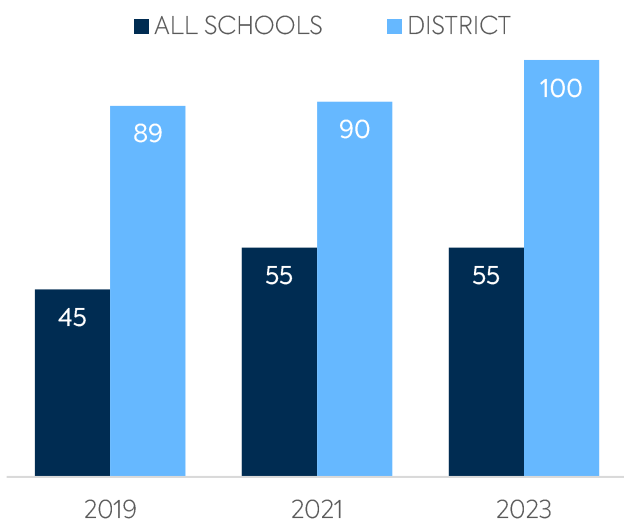
WASATCH COUNTY SCHOOL DISTRICT

DISTRICT FACTS

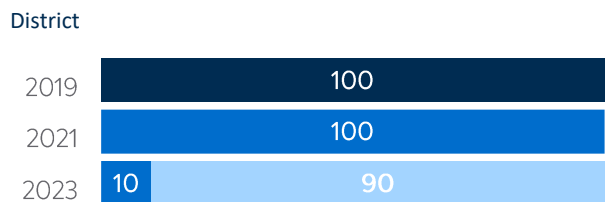
ENROLLMENT.....	9,175
NUMBER OF SCHOOLS.....	10
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	1%

WI-FI NETWORK COVERAGE

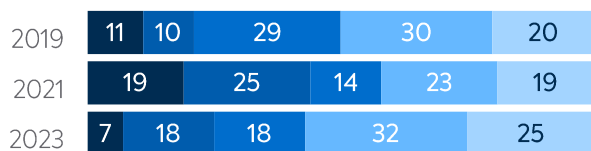
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

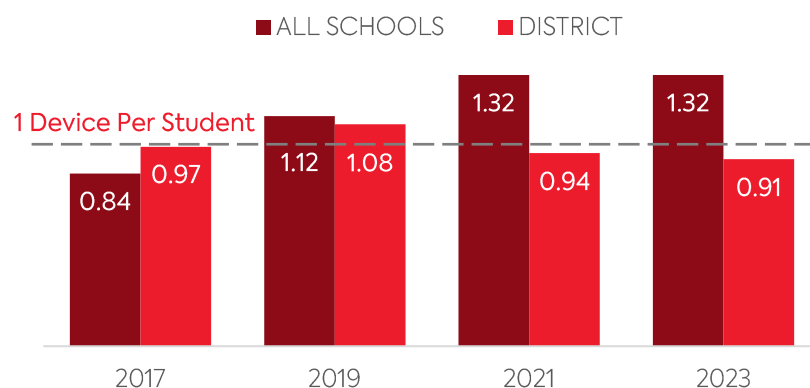


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

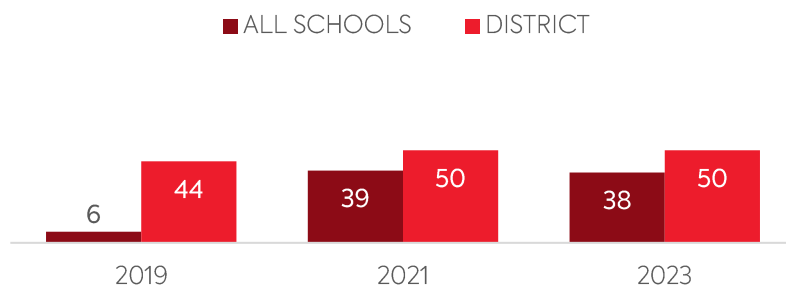
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	40	62	-180	-64%	-46%
LAPTOPS WINDOWS OS	280	124	-6,490	-94%	99%
DESKTOPS MAC	96	22	2	2%	-43%
LAPTOPS MAC	2,570	648	3,188	10,627%	-3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	5,327	560	5,498	1,413%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	8,313	1,416	2,018	26%	53%

COMPUTING DEVICES PER STUDENT

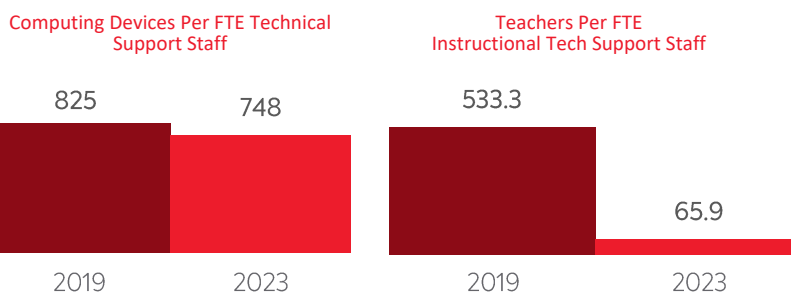


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



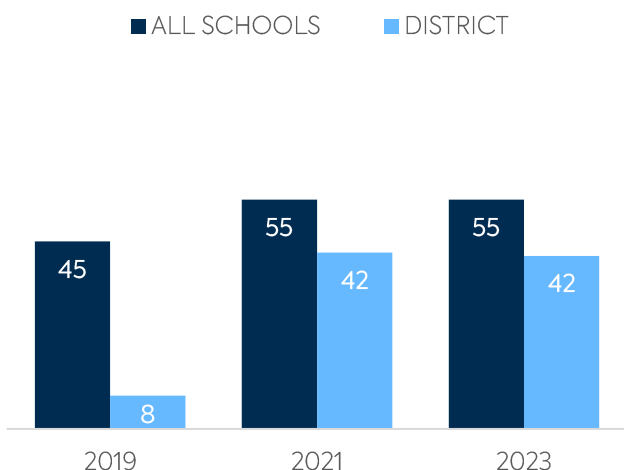
WASHINGTON COUNTY SCHOOL DISTRICT

DISTRICT FACTS

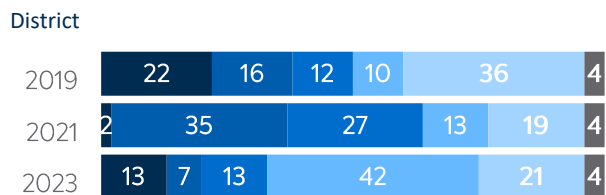
ENROLLMENT.....	39,815
NUMBER OF SCHOOLS.....	53
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	6.9%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	1%

WI-FI NETWORK COVERAGE

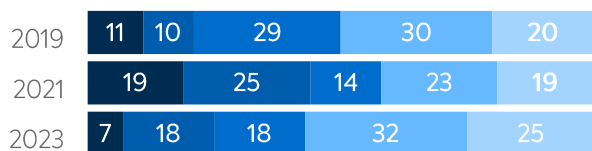
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

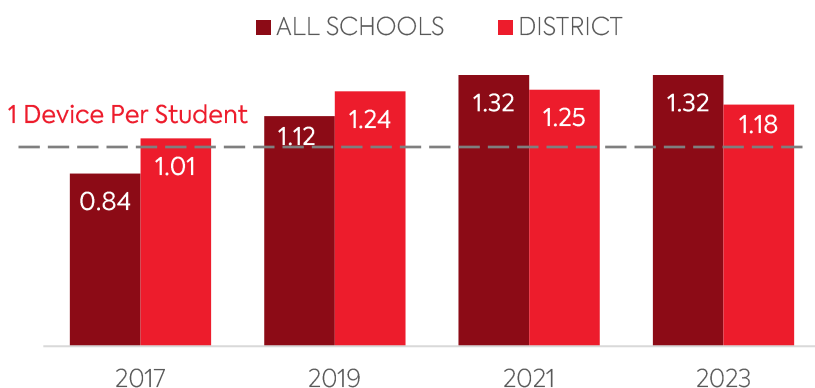


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

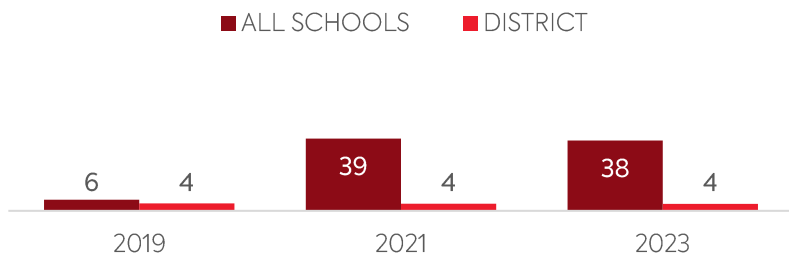
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	3,550	2,292	-718	-11%	-46%
LAPTOPS WINDOWS OS	56	416	-1,343	-74%	99%
DESKTOPS MAC	410	80	138	39%	-43%
LAPTOPS MAC	16	250	134	102%	-3%
CHROMEBOOKS GOOGLE	40,401	797	21,583	110%	124%
TABLETS WINDOWS	60	16	27	55%	125%
TABLETS ANDROID	12	16	-442	-94%	-27%
TABLETS IOS	2,215	487	-1,147	-30%	21%
OTHER DEVICES	78	2	-948	-92%	-90%
ALL COMPUTING DEVICES	46,798	4,356	17,284	51%	53%

COMPUTING DEVICES PER STUDENT

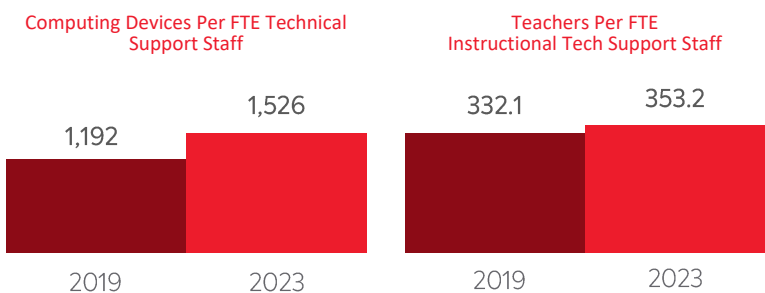


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



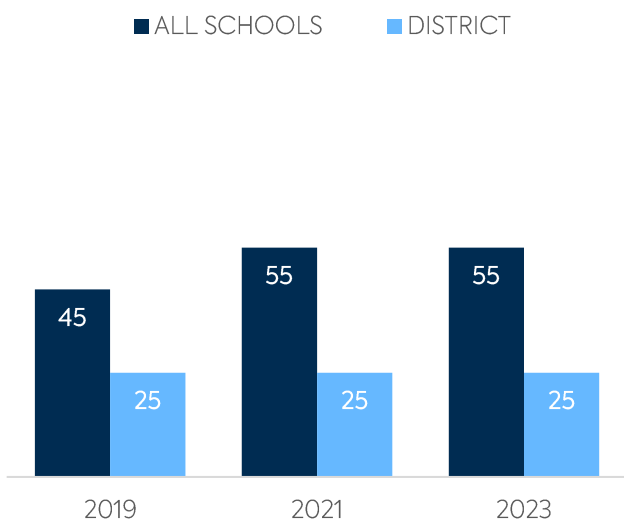
WAYNE COUNTY SCHOOL DISTRICT

DISTRICT FACTS

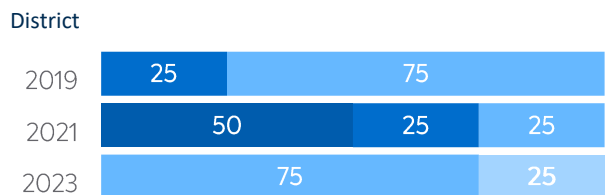
ENROLLMENT.....	433
NUMBER OF SCHOOLS.....	4
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

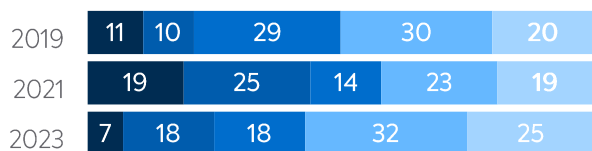
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

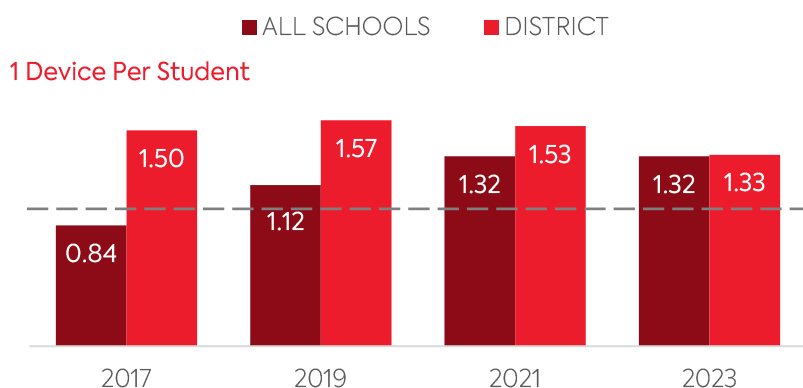


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

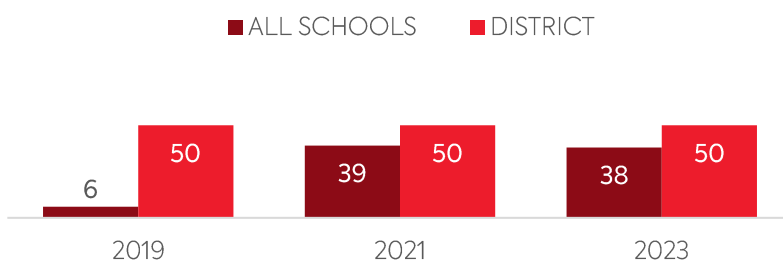
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	0	-17	-100%	-46%
LAPTOPS WINDOWS OS	0	0	-4	-100%	99%
DESKTOPS MAC	55	30	-62	-42%	-43%
LAPTOPS MAC	51	38	31	53%	-3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	472	66	-75	-12%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	578	134	-127	-15%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

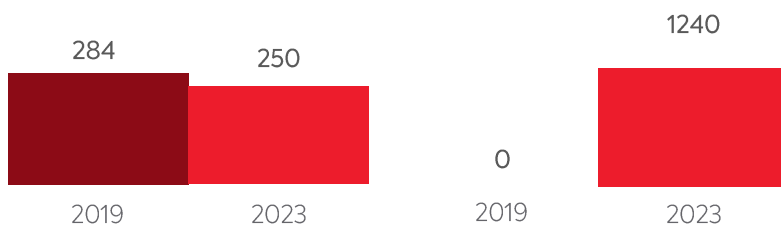
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



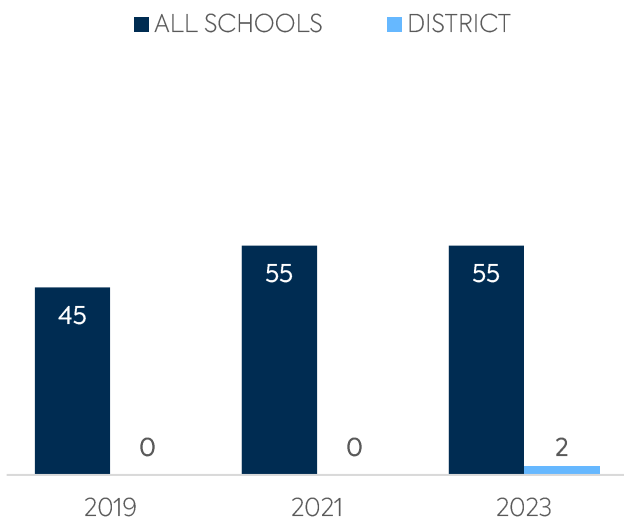
WEBER SCHOOL DISTRICT

DISTRICT FACTS

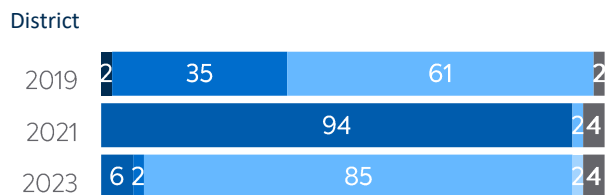
ENROLLMENT.....	31,970
NUMBER OF SCHOOLS.....	47
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

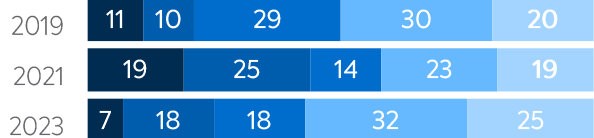
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

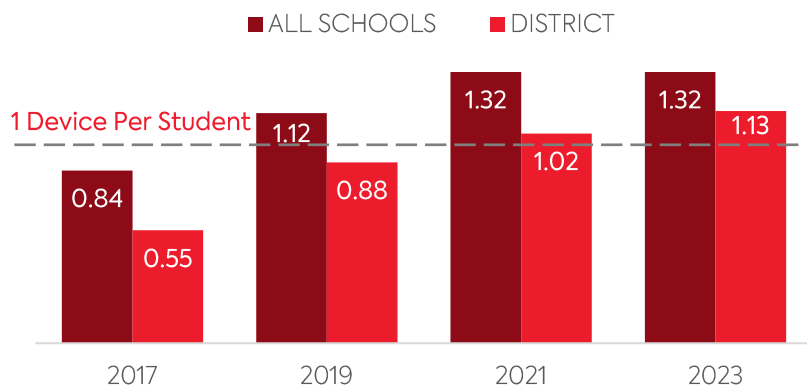


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

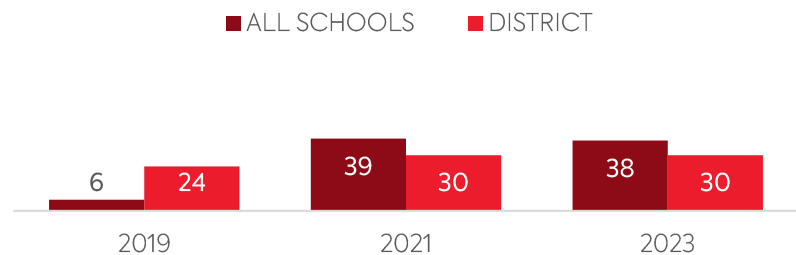
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	1,918	2,592	-2,317	-34%	-46%
LAPTOPS WINDOWS OS	0	149	-228	-61%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	32,086	1,670	22,222	193%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	1,962	303	-148	-6%	21%
OTHER DEVICES	35	0	-6,999	-100%	-90%
ALL COMPUTING DEVICES	36,001	4,714	12,530	45%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

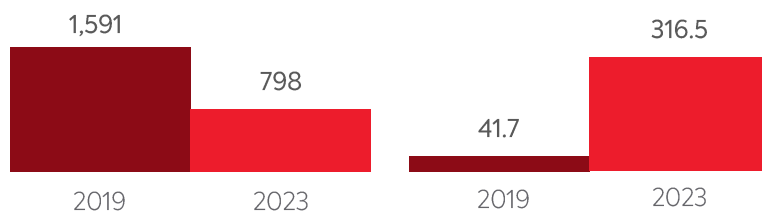
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



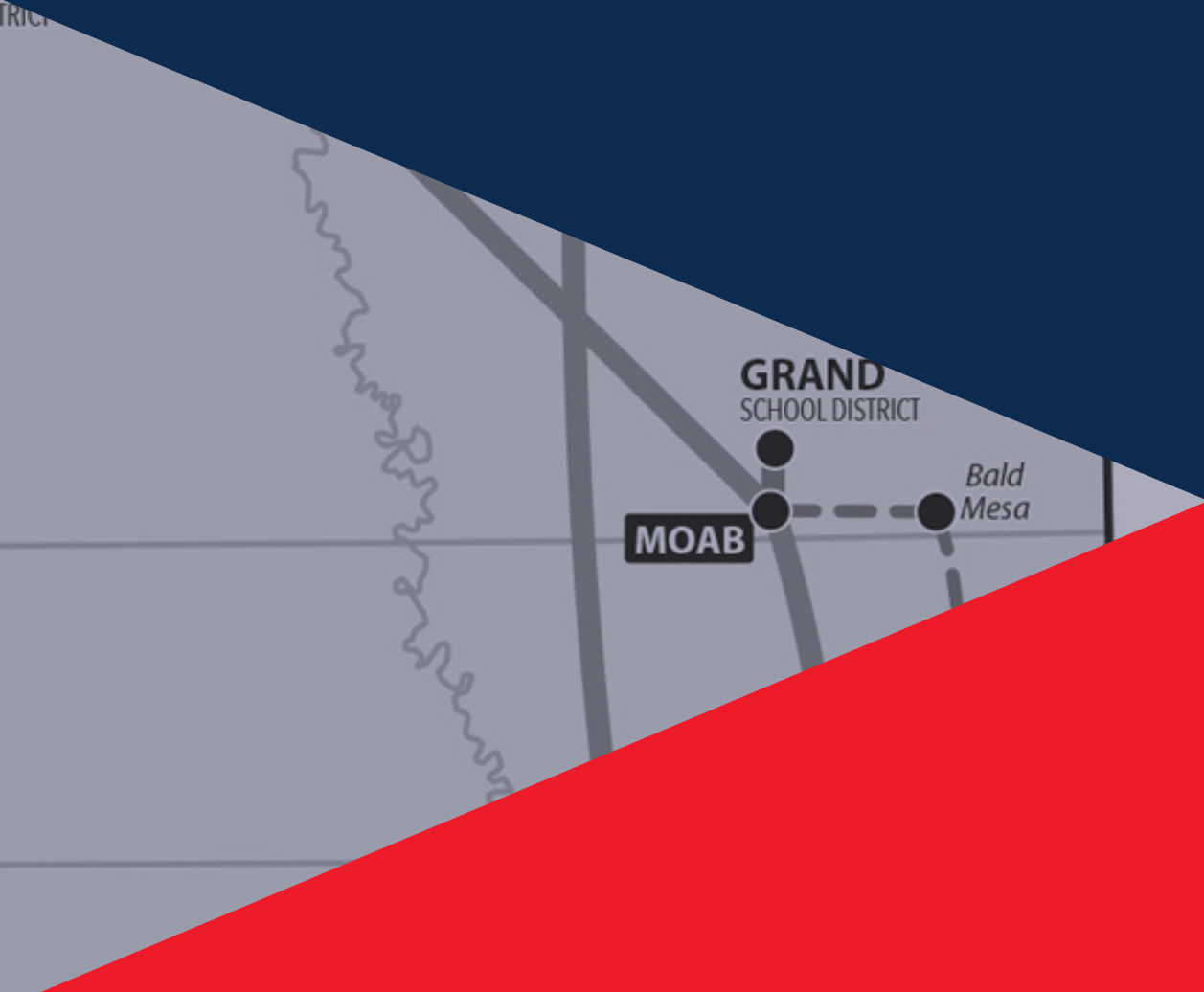
FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



APPENDIX F: CHARTER SCHOOLS SUMMARY PAGES



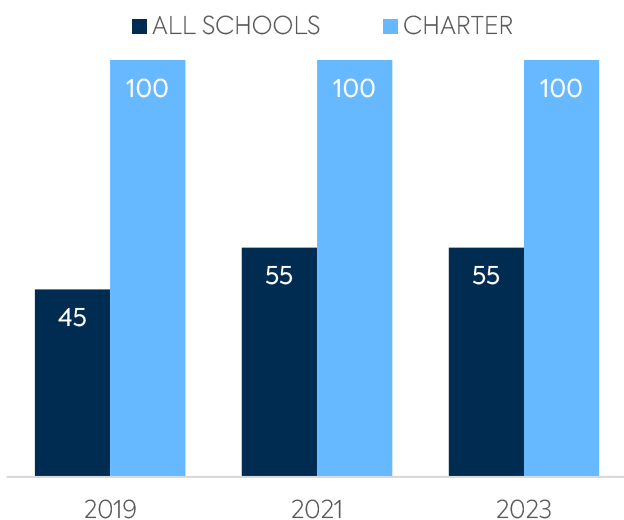
ACADEMY FOR MATH ENGINEERING & SCIENCE (AMES)

CHARTER FACTS

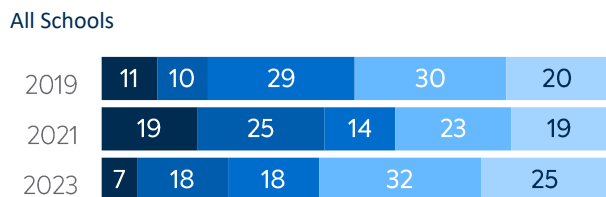
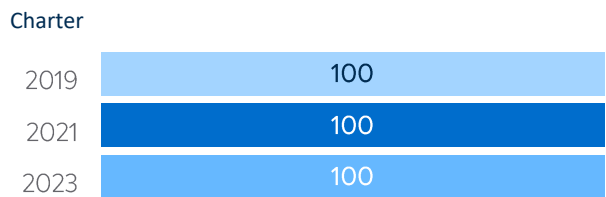
ENROLLMENT.....	467
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	10%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	10%

WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)

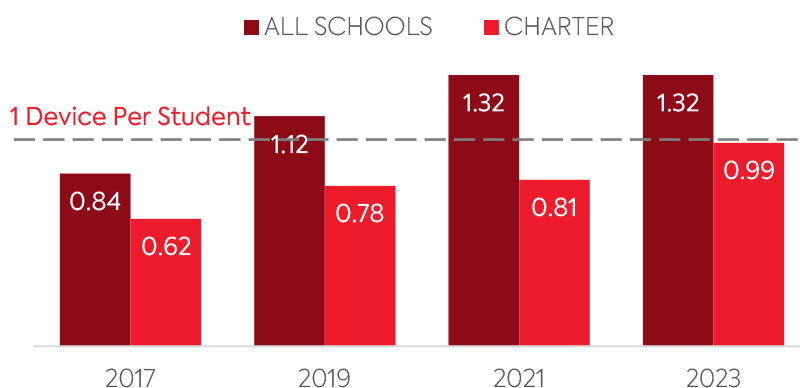


■ Less Than 1 Yr. Old ■ 1 Year Old
■ 2 Years Old ■ 3 Years Old
■ 4+ Years Old ■ Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

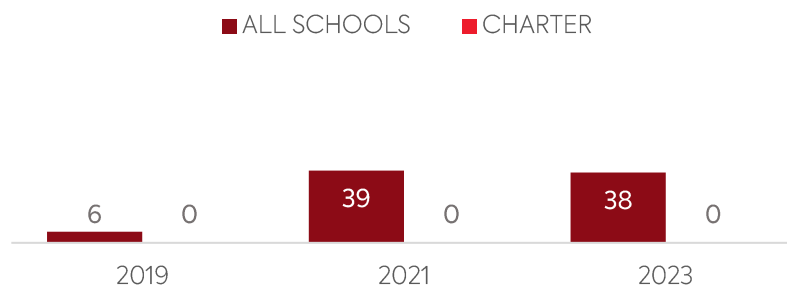
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	75	8	-23	-22%	-46%
LAPTOPS WINDOWS OS	250	31	100	55%	99%
DESKTOPS MAC	12	3	6	67%	-43%
LAPTOPS MAC	0	1	0	0%	-3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	125	10	71	111%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	462	53	154	43%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

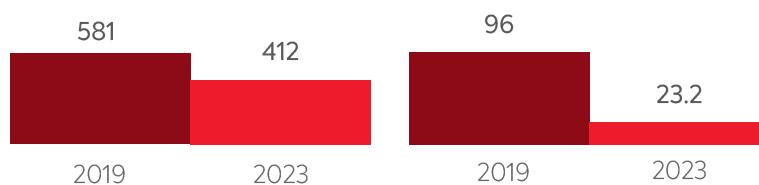
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



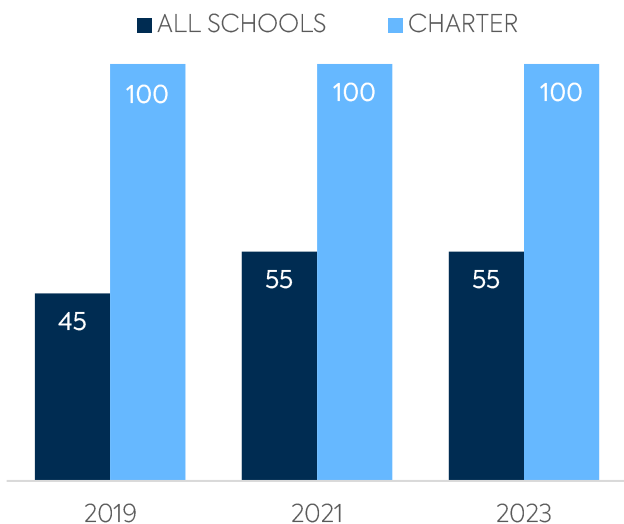
ADVANTAGE ARTS ACADEMY

CHARTER FACTS

ENROLLMENT.....	323
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

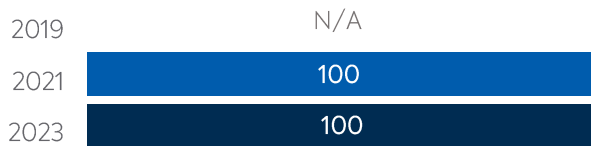
WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)

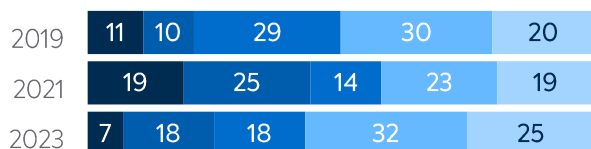


AGE OF WI-FI ACCESS POINTS (%)

Charter



All Schools

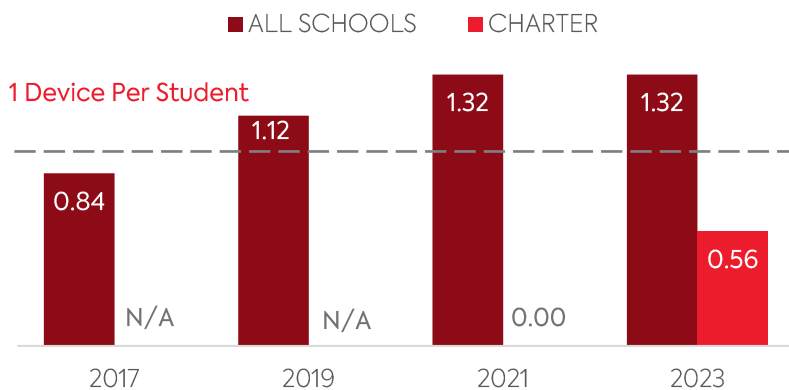


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	1	1	N/A	-46%
LAPTOPS WINDOWS OS	0	0	0	N/A	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	25	25	N/A	-3%
CHROMEBOOKS GOOGLE	150	5	155	N/A	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	30	20	50	N/A	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	180	51	231	N/A	53%

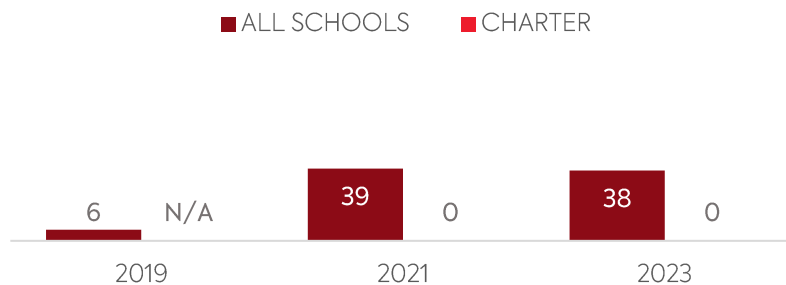
COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

Schools With 1:1 Programs

Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



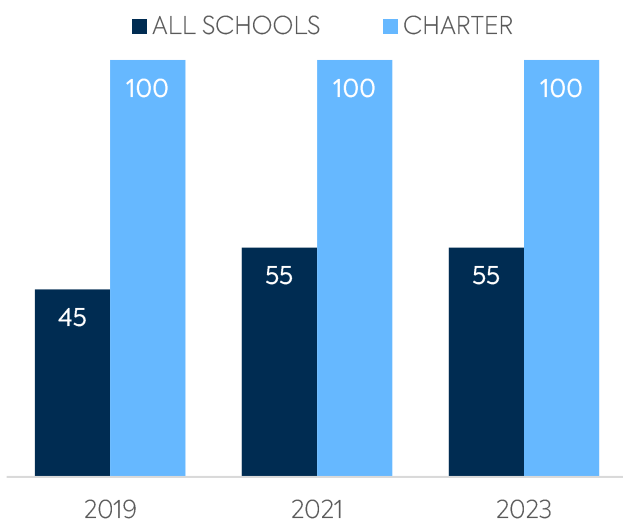
AMERICAN ACADEMY OF INNOVATION (6-12)

CHARTER FACTS

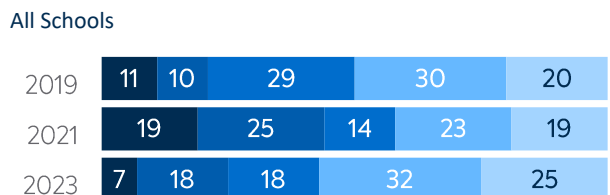
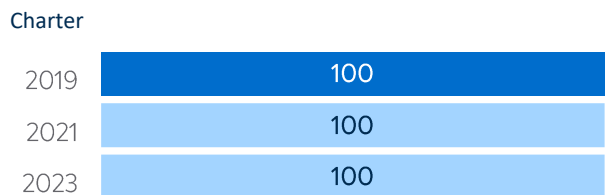
ENROLLMENT.....	366
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)

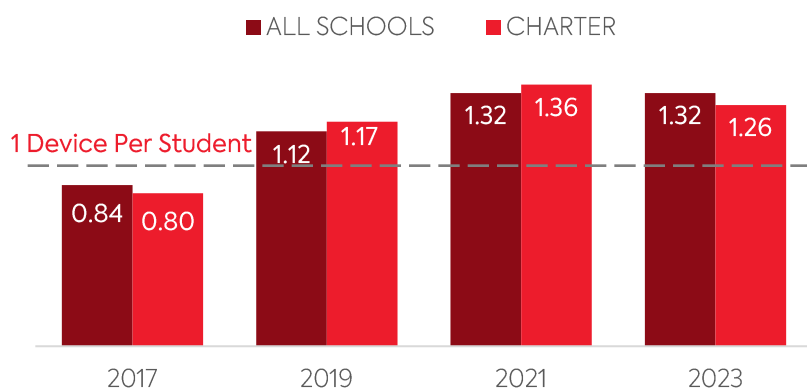


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

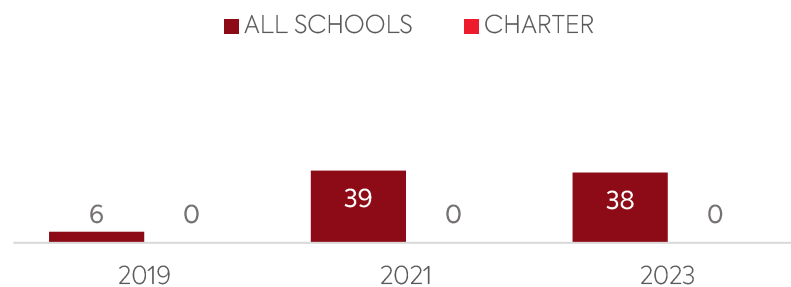
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	30	5	25	250%	-46%
LAPTOPS WINDOWS OS	2	5	-28	-80%	99%
DESKTOPS MAC	28	0	-7	-20%	-43%
LAPTOPS MAC	100	24	-16	-11%	-3%
CHROMEBOOKS GOOGLE	220	0	40	22%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	80	0	-100	-56%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	460	34	-86	-15%	53%

COMPUTING DEVICES PER STUDENT

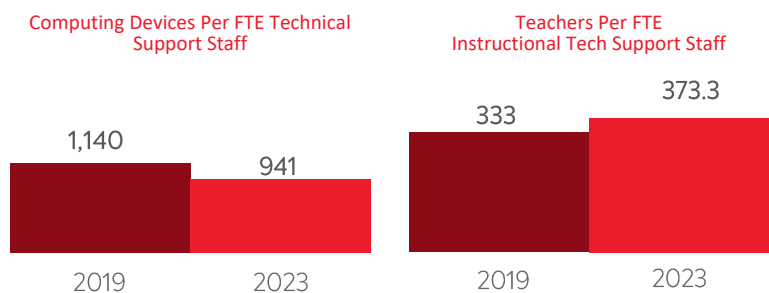


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



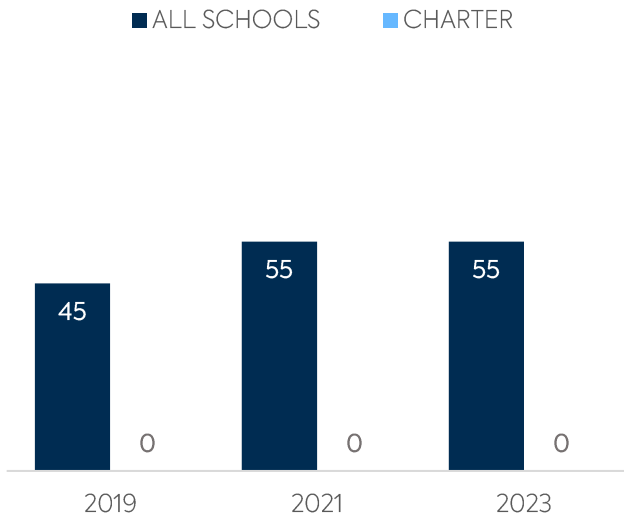
AMERICAN LEADERSHIP ACADEMY

CHARTER FACTS

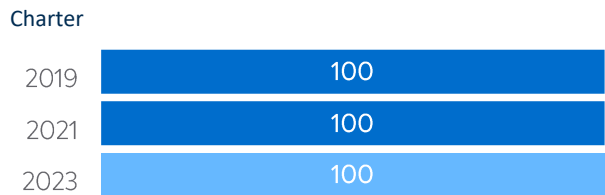
ENROLLMENT.....	1,610
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

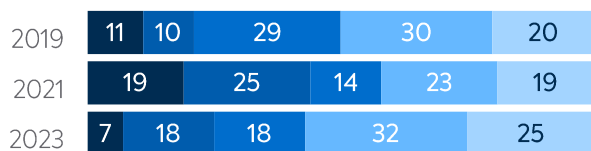
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

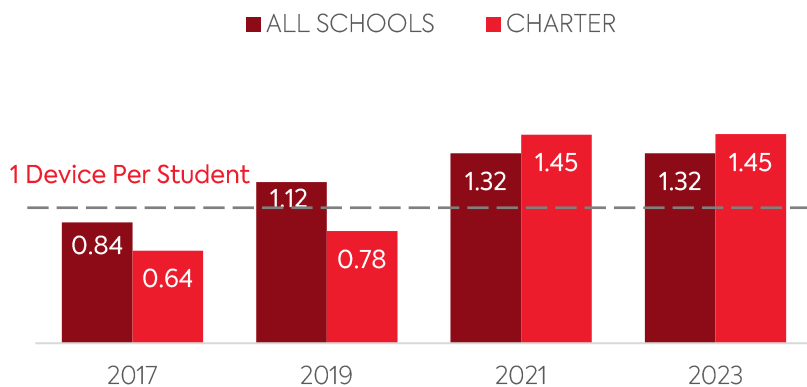


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

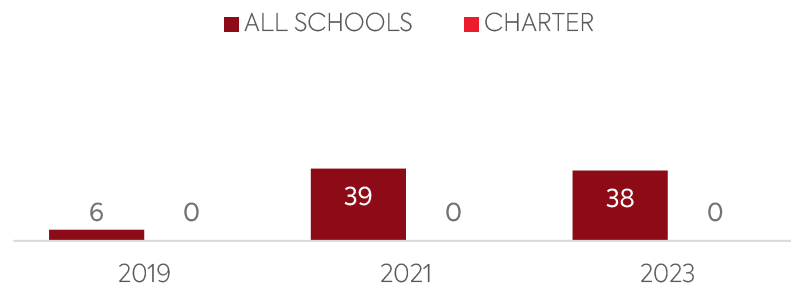
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	100	10	-19	-15%	-46%
LAPTOPS WINDOWS OS	350	110	-5	-1%	99%
DESKTOPS MAC	45	6	-6	-11%	-43%
LAPTOPS MAC	6	10	6	60%	-3%
CHROMEBOOKS GOOGLE	1,750	4	1,330	314%	124%
TABLETS WINDOWS	0	0	-30	-100%	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	80	14	-122	-56%	21%
OTHER DEVICES	10	0	-20	-67%	-90%
ALL COMPUTING DEVICES	2,341	154	1,134	83%	53%

COMPUTING DEVICES PER STUDENT

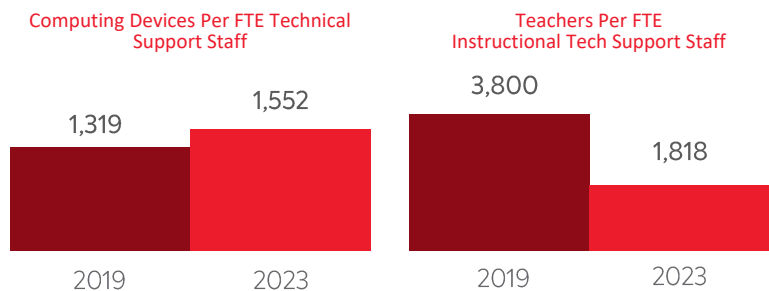


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



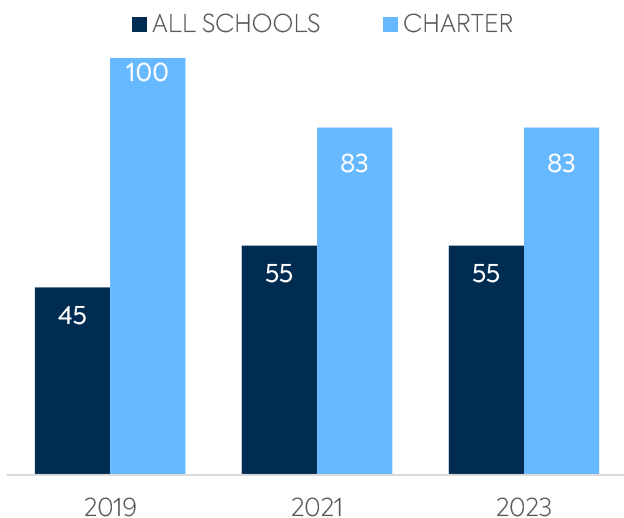
AMERICAN PREPARATORY ACADEMY

CHARTER FACTS

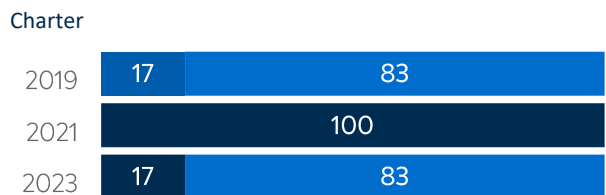
ENROLLMENT.....	5,259
NUMBER OF SCHOOLS.....	6
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

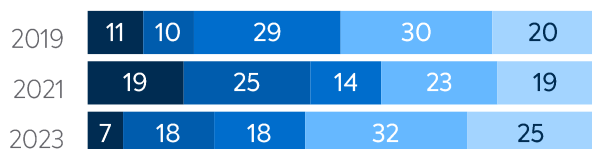
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

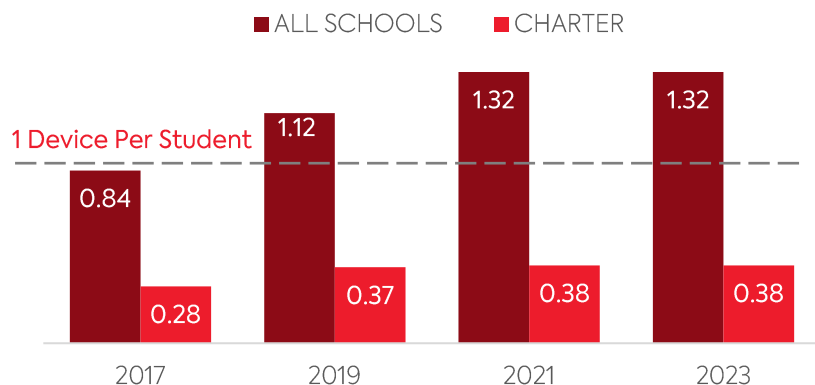


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

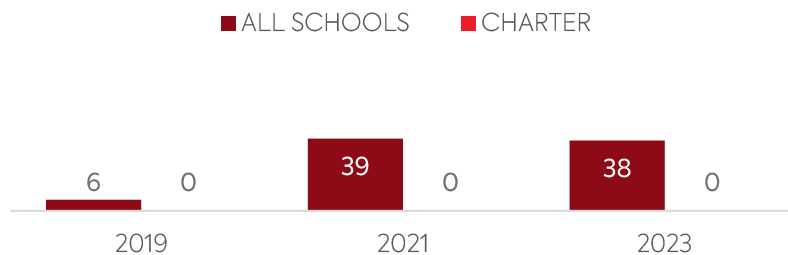
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	31	0	1	3%	-46%
LAPTOPS WINDOWS OS	0	1	0	0%	99%
DESKTOPS MAC	0	17	3	21%	-43%
LAPTOPS MAC	1,858	417	760	50%	-3%
CHROMEBOOKS GOOGLE	2	0	-114	-98%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	1	0	1	N/A	-27%
TABLETS IOS	99	123	152	217%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	1,991	558	803	46%	53%

COMPUTING DEVICES PER STUDENT



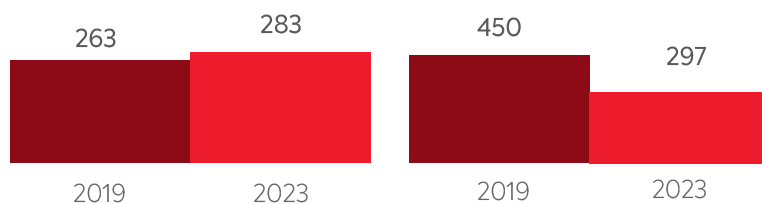
MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff Teachers Per FTE Instructional Tech Support Staff



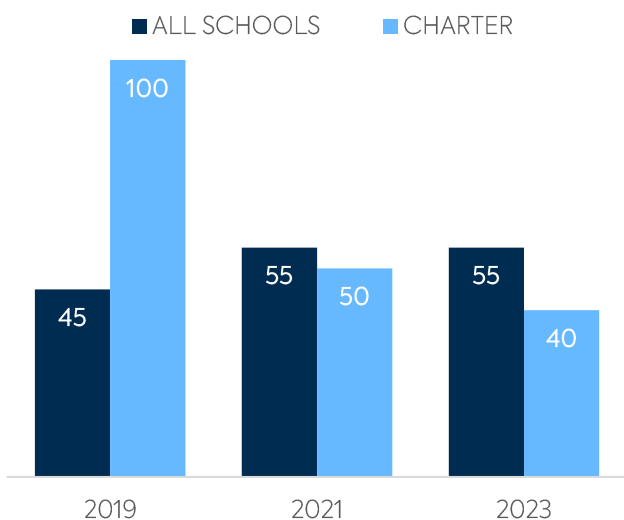
ASCENT ACADEMIES OF UTAH

CHARTER FACTS

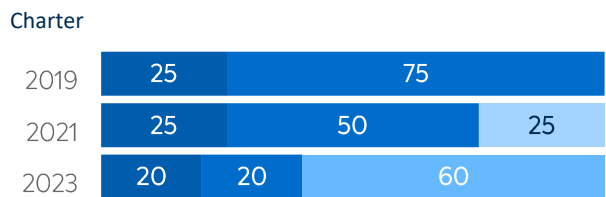
ENROLLMENT.....	2,860
NUMBER OF SCHOOLS.....	5
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

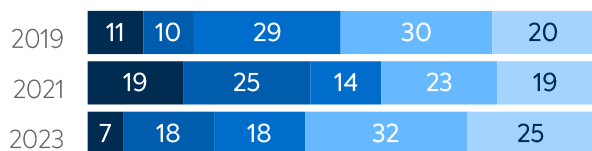
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

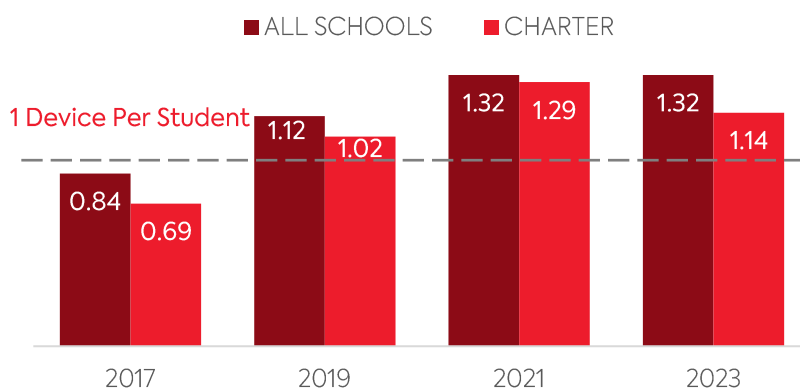


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

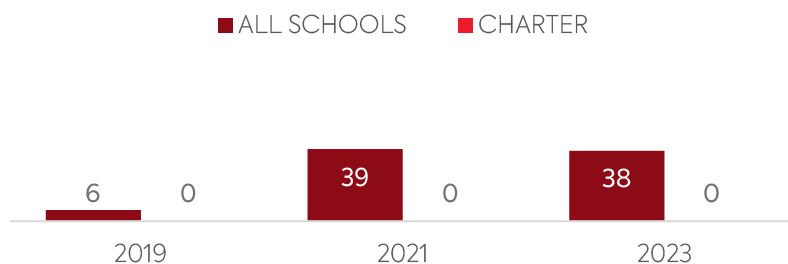
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	8	0	8	N/A	-46%
LAPTOPS WINDOWS OS	1	3	-141	-97%	99%
DESKTOPS MAC	19	0	19	N/A	-43%
LAPTOPS MAC	90	187	32	13%	-3%
CHROMEBOOKS GOOGLE	2,610	10	1,825	230%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	521	160	151	29%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	3,249	360	1,894	110%	53%

COMPUTING DEVICES PER STUDENT

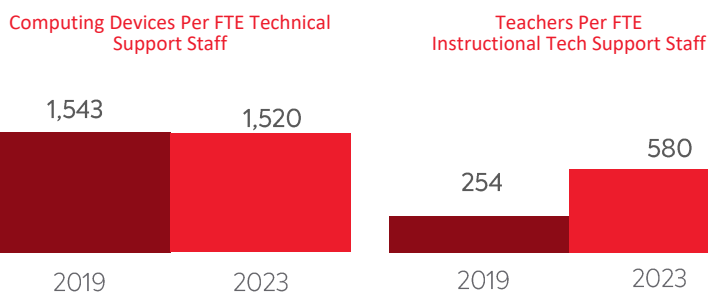


MOBILE DEPLOYMENT

Schools With 1:1 Programs Where Students Can Take Devices Home (%)



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



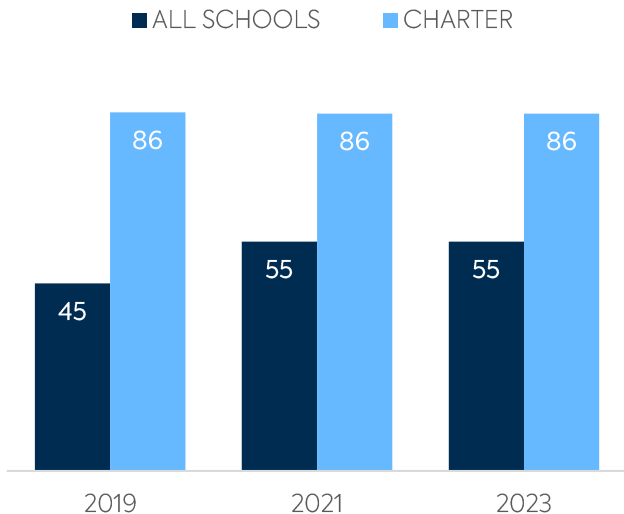
ATHENIAN EACADEMY

CHARTER FACTS

ENROLLMENT.....	673
NUMBER OF SCHOOLS.....	7
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	5%

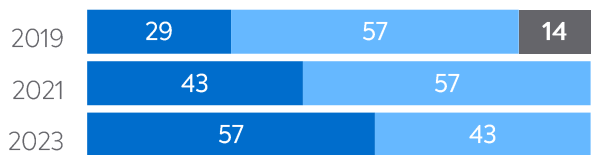
WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)

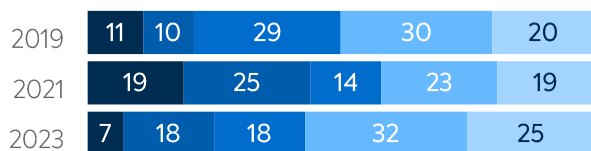


AGE OF WI-FI ACCESS POINTS (%)

Charter



All Schools

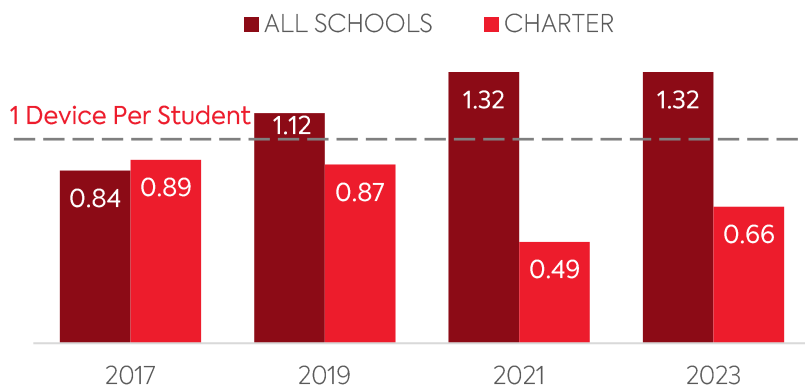


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

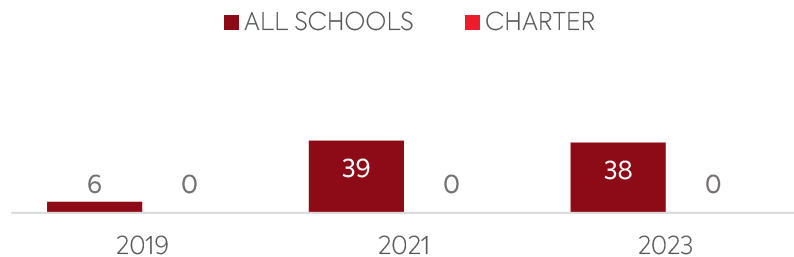
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	18	10	125%	-46%
LAPTOPS WINDOWS OS	15	81	65	210%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	432	0	100	30%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	447	99	175	47%	53%

COMPUTING DEVICES PER STUDENT

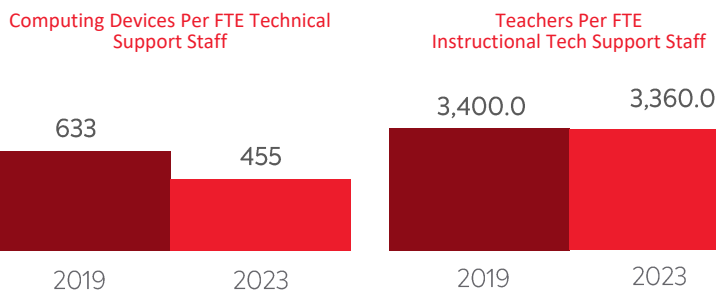


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



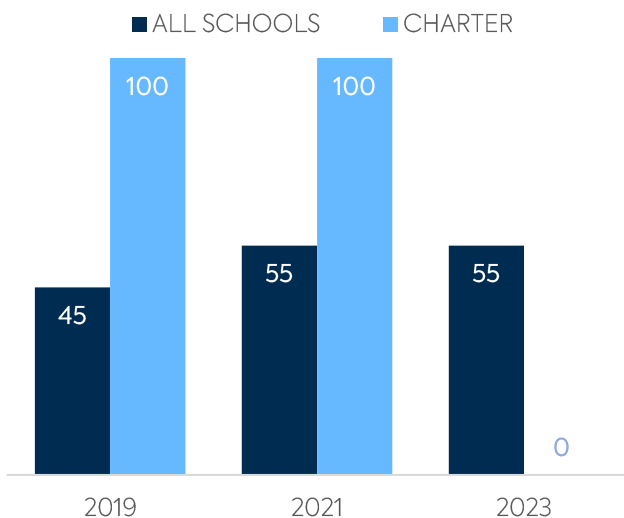
ATHLOS ACADEMY OF UTAH

CHARTER FACTS

ENROLLMENT.....	510
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

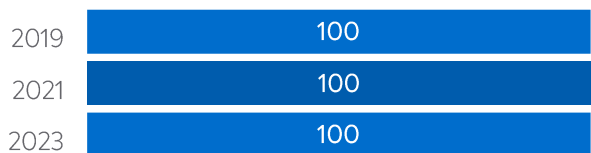
WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)

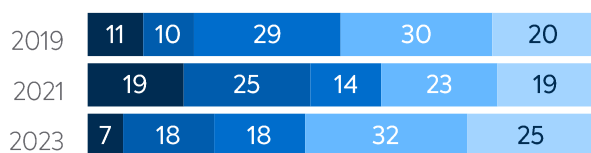


AGE OF WI-FI ACCESS POINTS (%)

Charter



All Schools

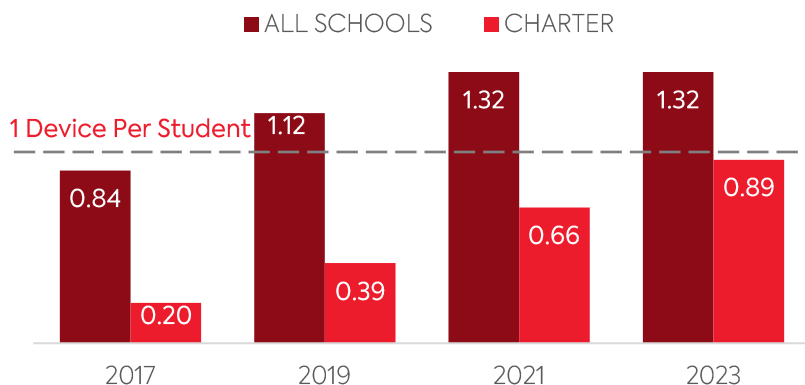


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

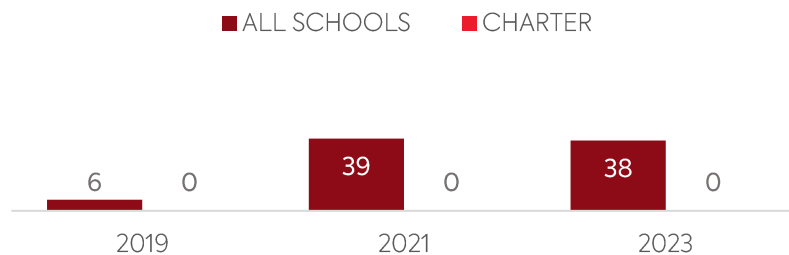
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	60	2	0	0%	-46%
LAPTOPS WINDOWS OS	15	60	-25	-25%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	300	0	290	2,900%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	-15	-100%	-27%
TABLETS IOS	80	7	41	89%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	455	69	291	125%	53%

COMPUTING DEVICES PER STUDENT

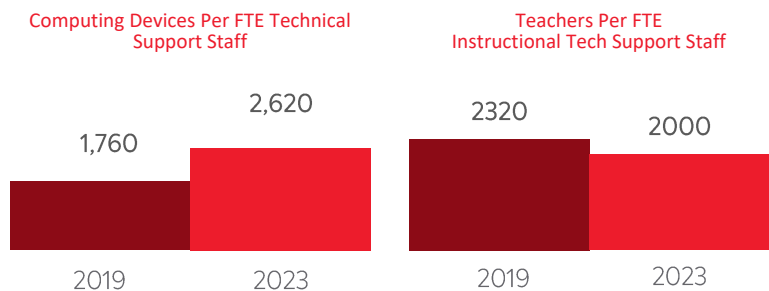


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



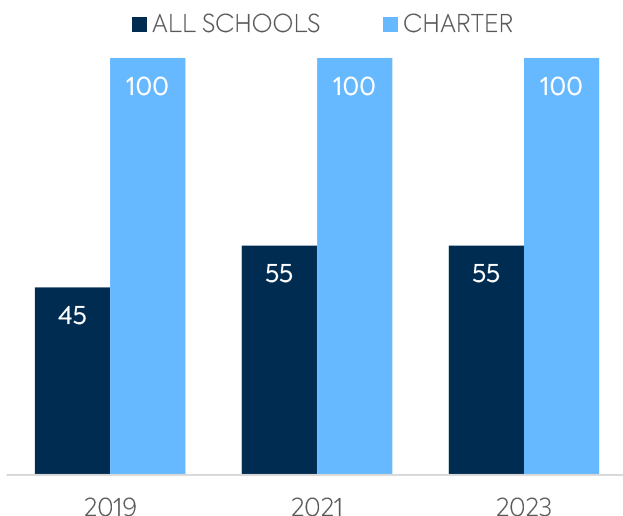
BEAR RIVER CHARTER SCHOOL

CHARTER FACTS

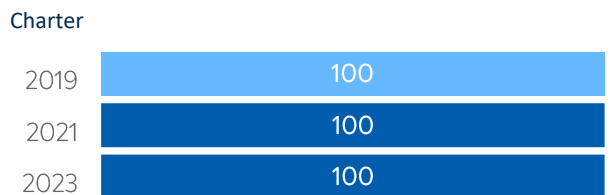
ENROLLMENT.....	177
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

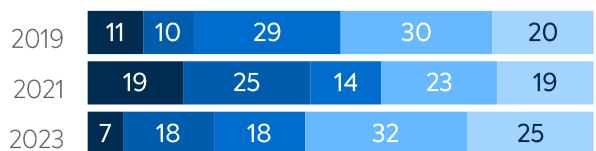
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

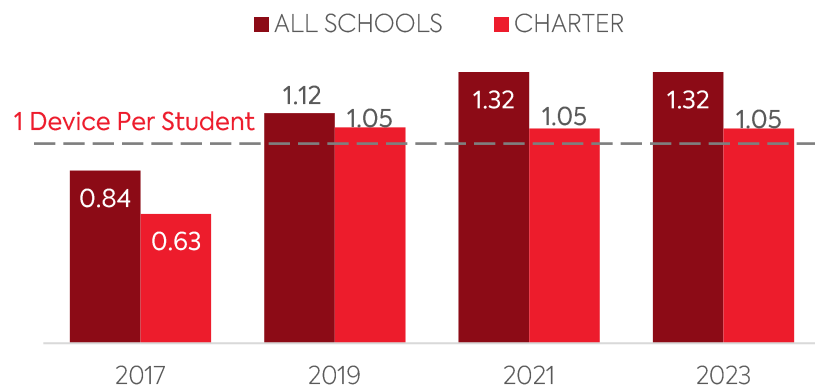


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

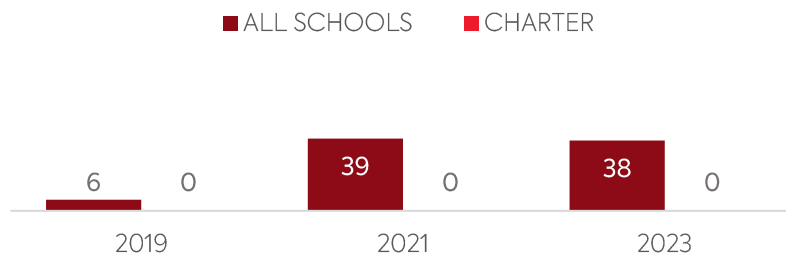
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	10	4	-12	-46%	-46%
LAPTOPS WINDOWS OS	0	9	-30	-77%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	150	0	120	400%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	5	0	0	0%	-27%
TABLETS IOS	20	0	0	0%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	185	13	78	65%	53%

COMPUTING DEVICES PER STUDENT

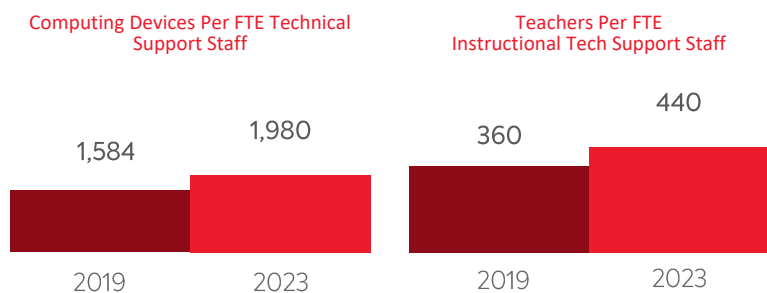


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



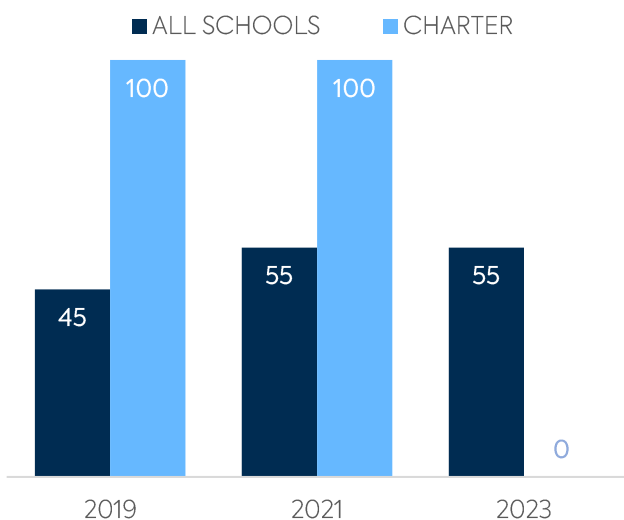
BEEHIVE SCIENCE & TECHNOLOGY ACADEMY (BSTA)

CHARTER FACTS

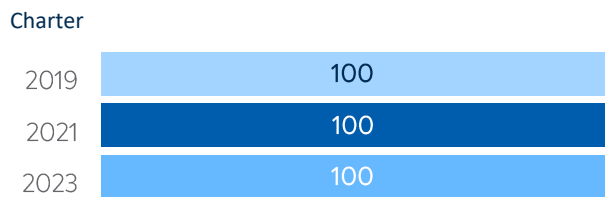
ENROLLMENT.....	700
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	1%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	1%

WI-FI NETWORK COVERAGE

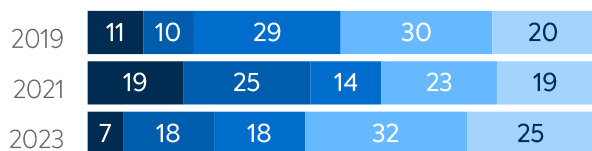
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

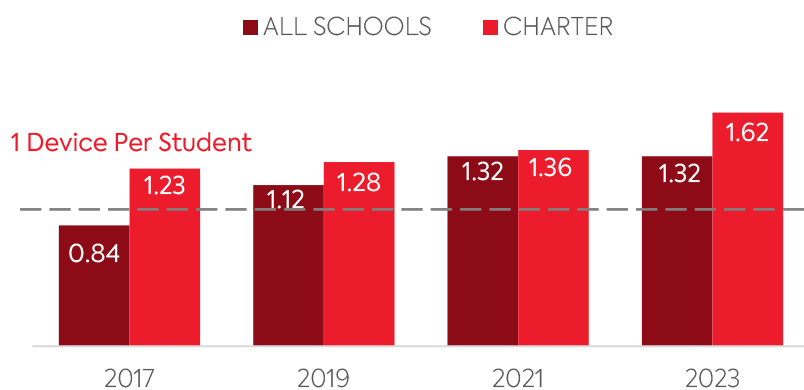


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

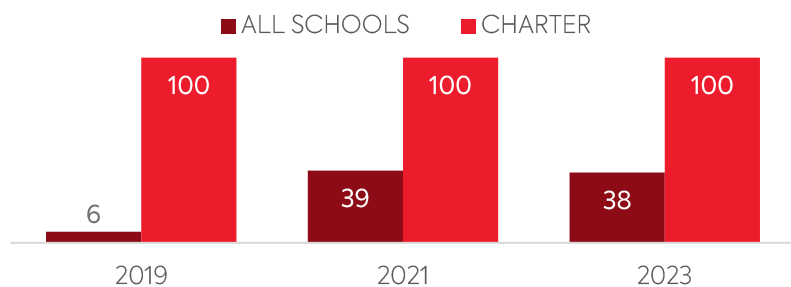
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	25	3	-19	-40%	-46%
LAPTOPS WINDOWS OS	0	3	3	N/A	99%
DESKTOPS MAC	100	20	93	344%	-43%
LAPTOPS MAC	10	96	82	342%	-3%
CHROMEBOOKS GOOGLE	2	0	2	N/A	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	1,000	93	758	226%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	1,137	215	919	212%	53%

COMPUTING DEVICES PER STUDENT

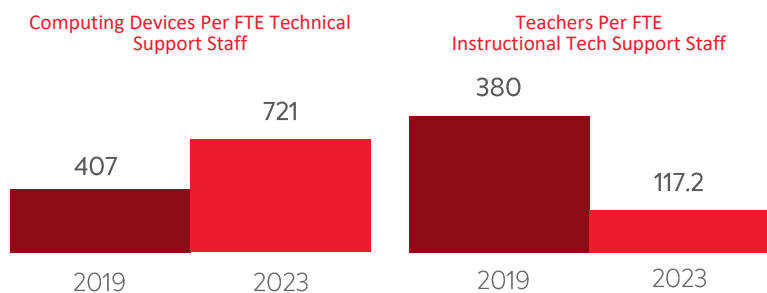


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



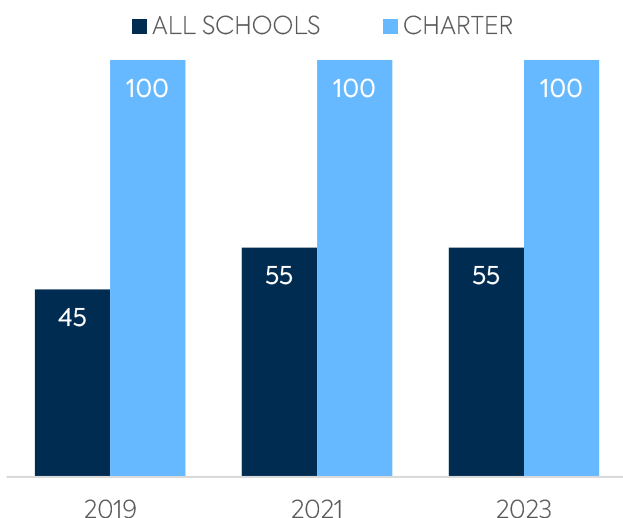
BONNEVILLE ACADEMY

CHARTER FACTS

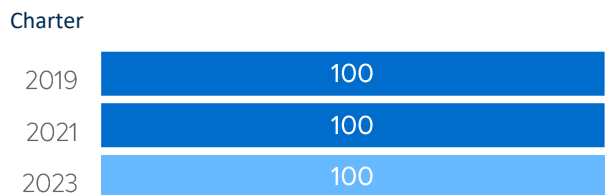
ENROLLMENT.....	359
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

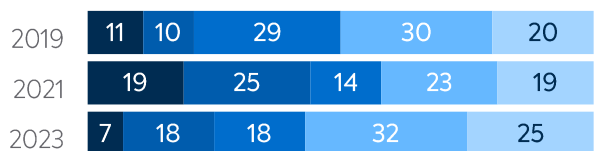
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

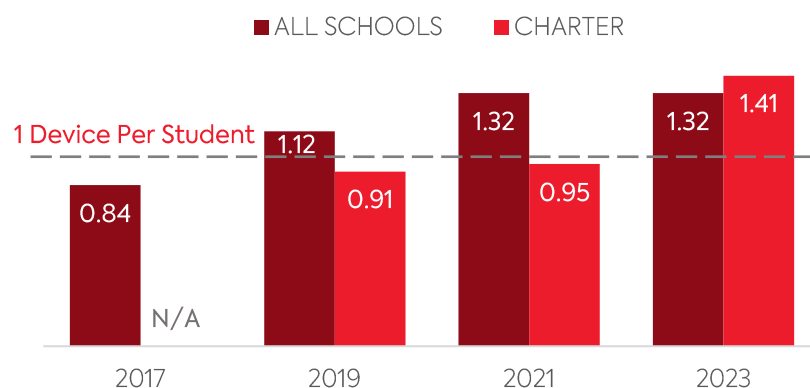


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

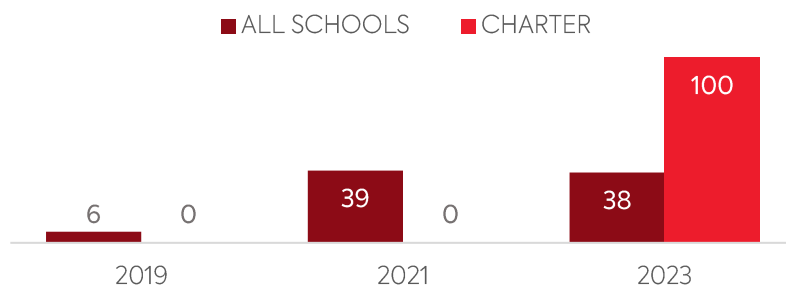
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	58	5	63	N/A	-46%
LAPTOPS WINDOWS OS	27	33	60	N/A	99%
DESKTOPS MAC	0	1	1	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	356	356	712	N/A	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	5	0	5	N/A	-27%
TABLETS IOS	60	25	85	N/A	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	506	420	926	N/A	53%

COMPUTING DEVICES PER STUDENT



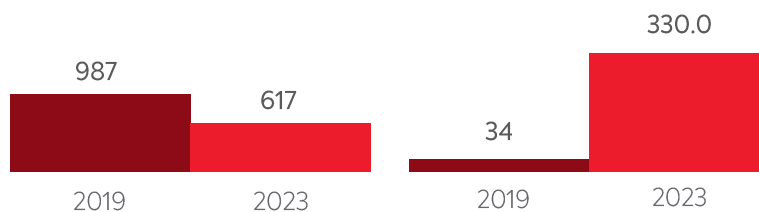
MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff Teachers Per FTE Instructional Tech Support Staff



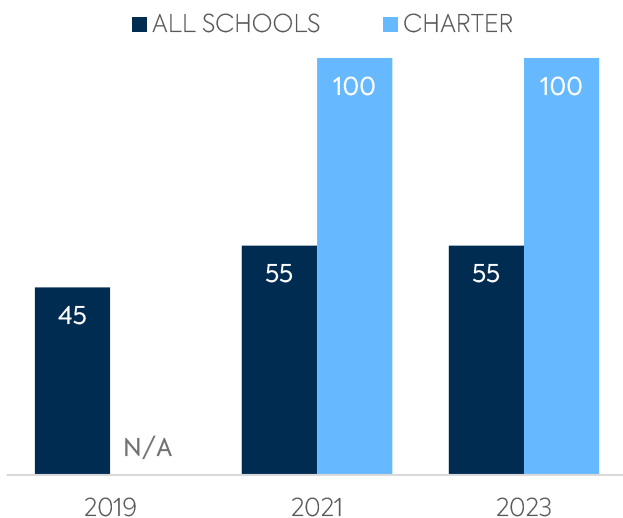
BRIDGE ELEMENTARY SCHOOL

CHARTER FACTS

ENROLLMENT.....	548
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

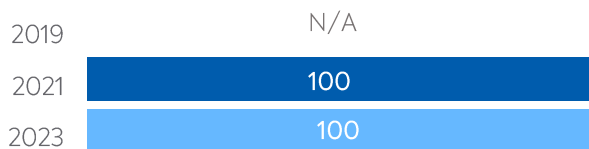
WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)

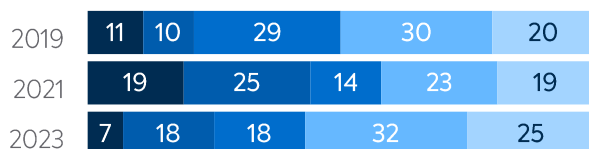


AGE OF WI-FI ACCESS POINTS (%)

Charter



All Schools

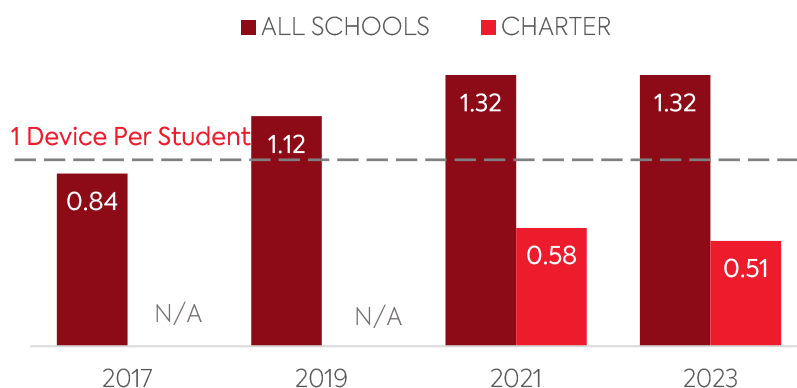


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

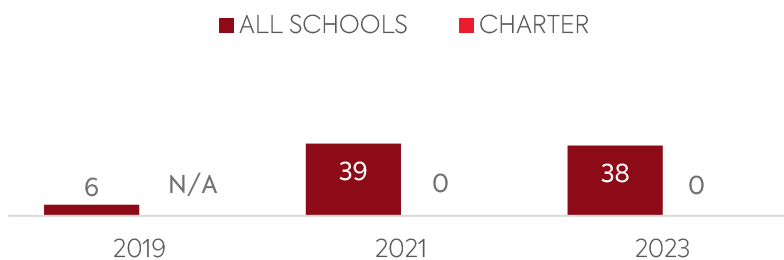
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	0	0	N/A	-46%
LAPTOPS WINDOWS OS	0	41	41	N/A	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	4	4	N/A	-3%
CHROMEBOOKS GOOGLE	262	0	262	N/A	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	19	15	34	N/A	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	281	60	341	N/A	53%

COMPUTING DEVICES PER STUDENT

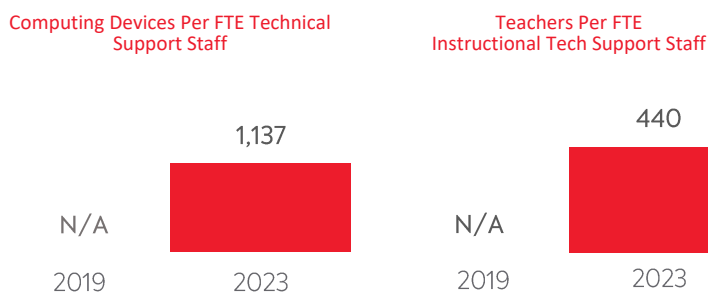


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



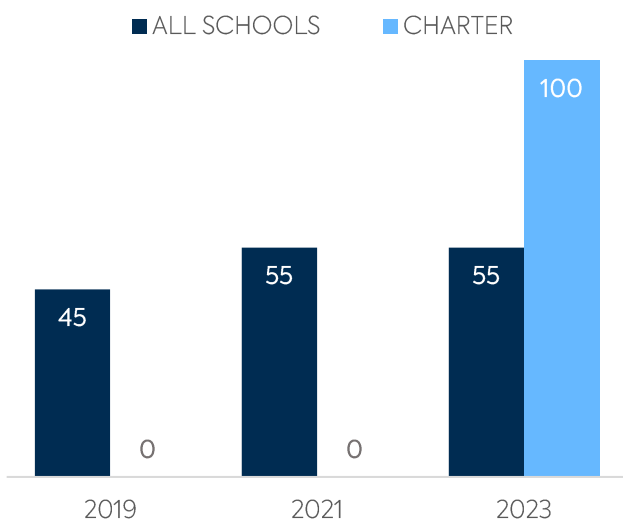
C. S. LEWIS ACADEMY

CHARTER FACTS

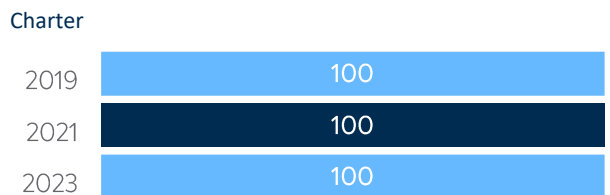
ENROLLMENT.....	250
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

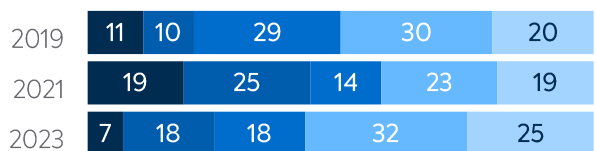
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

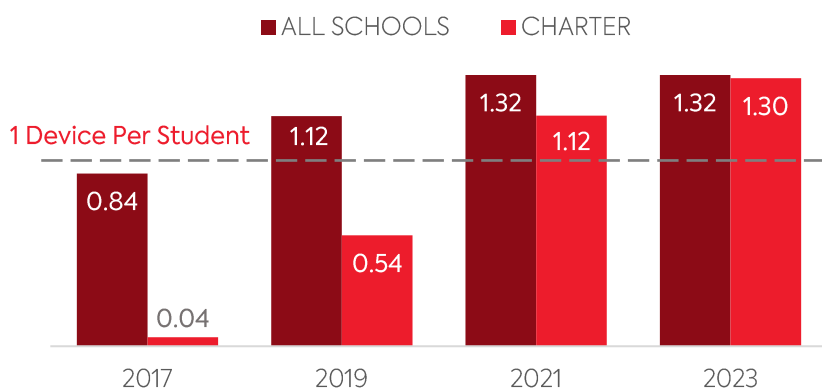


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

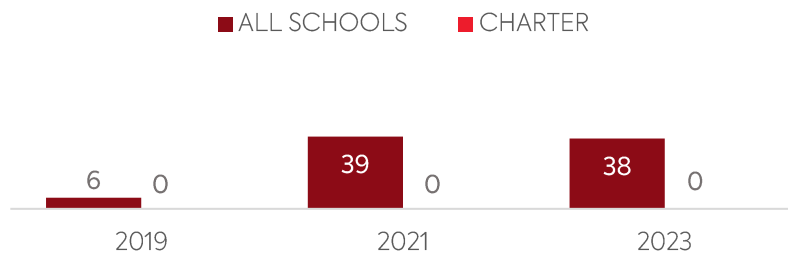
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	15	-11	-42%	-46%
LAPTOPS WINDOWS OS	0	30	16	114%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	306	0	292	2,086%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	20	2	22	N/A	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	326	47	319	591%	53%

COMPUTING DEVICES PER STUDENT



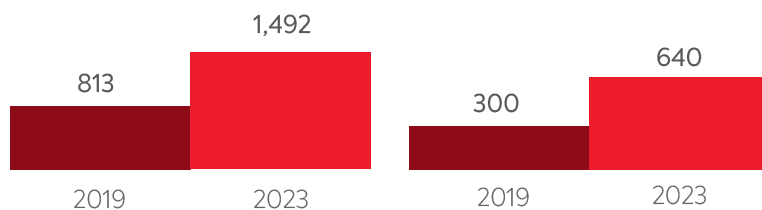
MOBILE DEPLOYMENT

Schools With 1:1 Programs Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff Teachers Per FTE Instructional Tech Support Staff



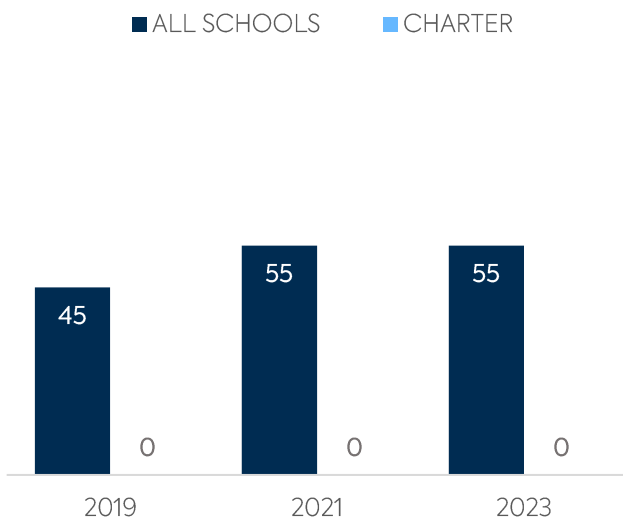
CANYON GROVE ACADEMY

CHARTER FACTS

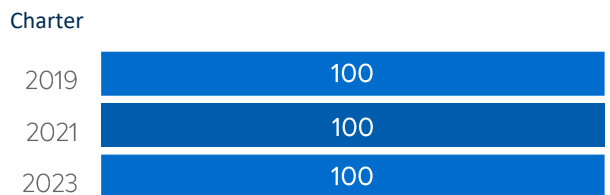
ENROLLMENT.....	640
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

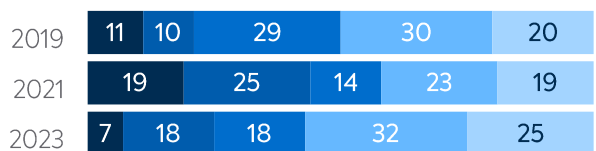
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

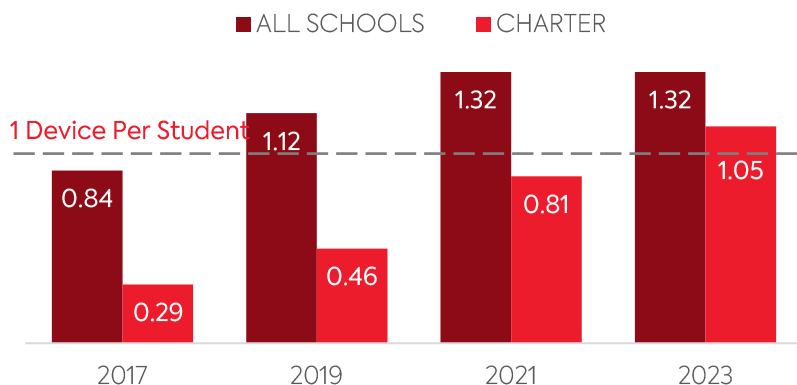


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

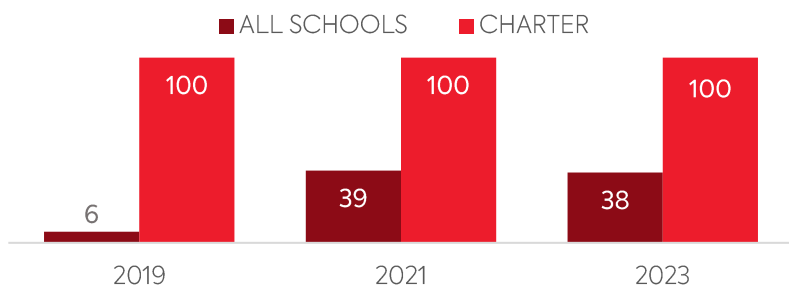
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	30	39	34	97%	-46%
LAPTOPS WINDOWS OS	0	36	-98	-73%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	640	50	687	22,900%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	-84	-100%	-27%
TABLETS IOS	5	1	4	200%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	675	126	543	211%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

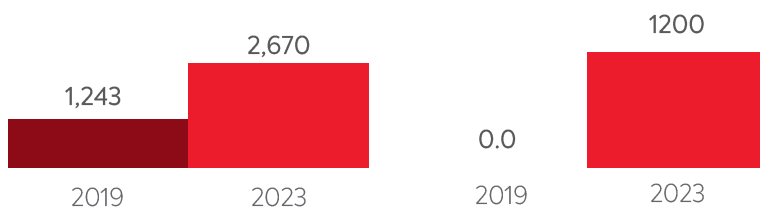
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



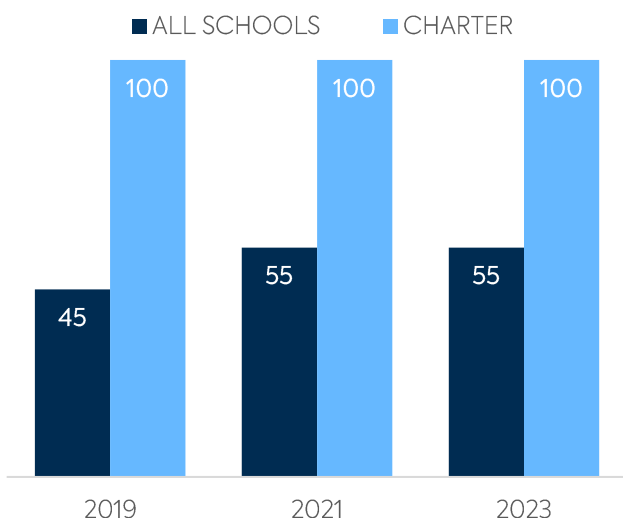
CANYON RIM ACADEMY

CHARTER FACTS

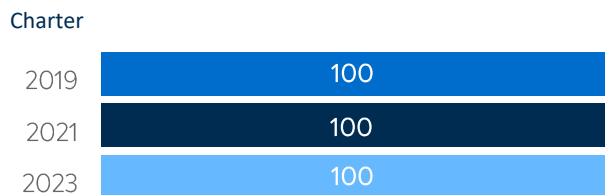
ENROLLMENT.....	203
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

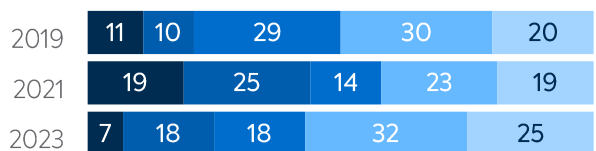
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

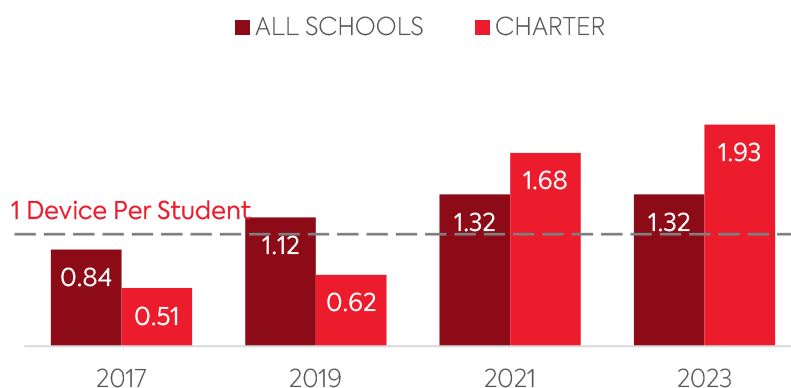


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

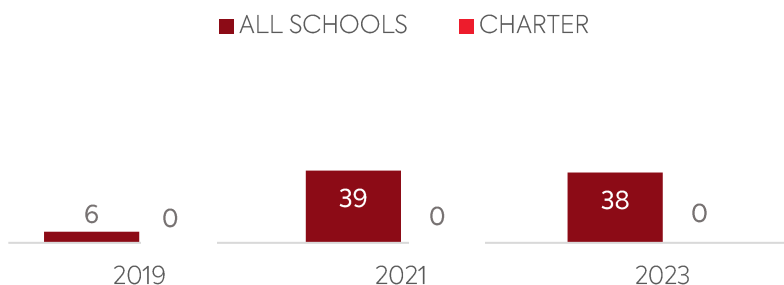
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	36	20	19	51%	-46%
LAPTOPS WINDOWS OS	20	70	-60	-40%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	2	0	0%	-3%
CHROMEBOOKS GOOGLE	300	0	197	191%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	15	0	10	200%	-27%
TABLETS IOS	20	0	0	0%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	391	92	166	52%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

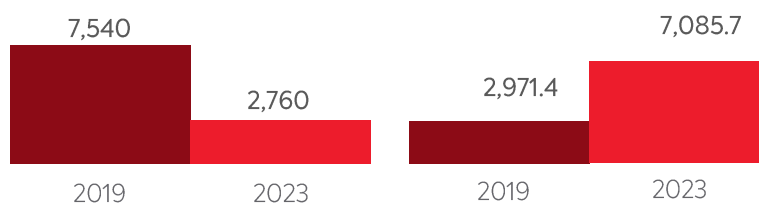
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



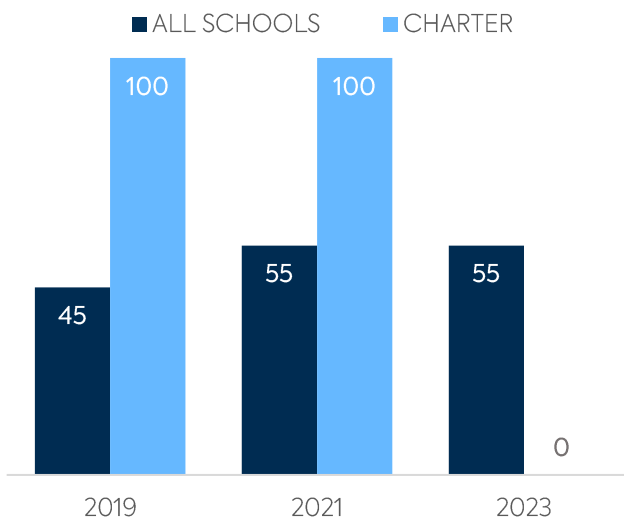
CENTER FOR CREATIVITY INNOVATION AND DISCOVERY

CHARTER FACTS

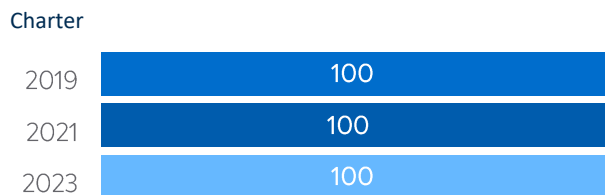
ENROLLMENT.....	365
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

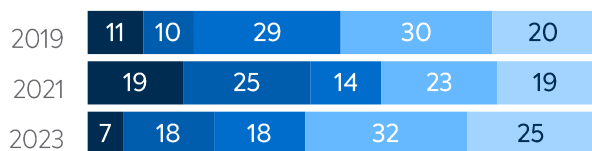
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

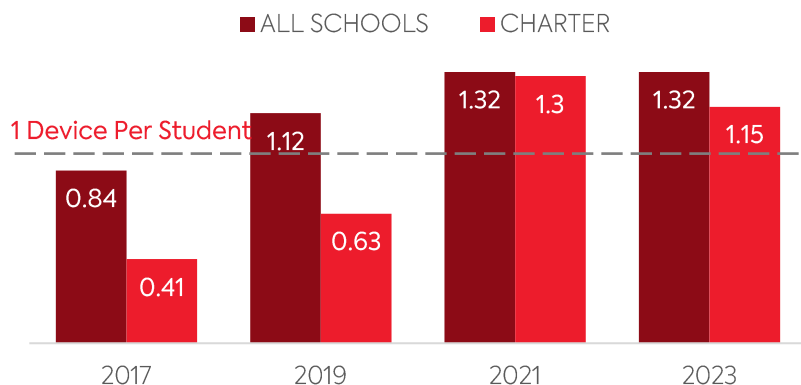


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

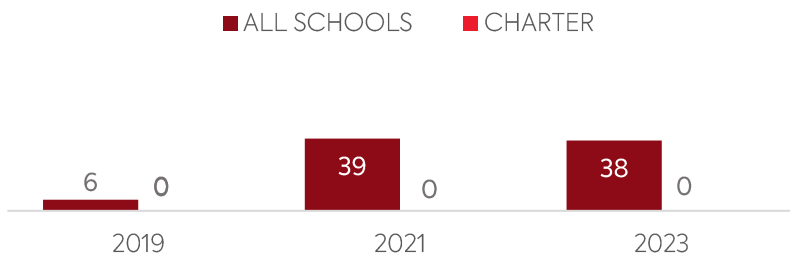
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	3	2	200%	-46%
LAPTOPS WINDOWS OS	0	4	3	300%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	41	27	193%	-3%
CHROMEBOOKS GOOGLE	400	2	309	332%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	20	10	-35	-54%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	420	60	306	176%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

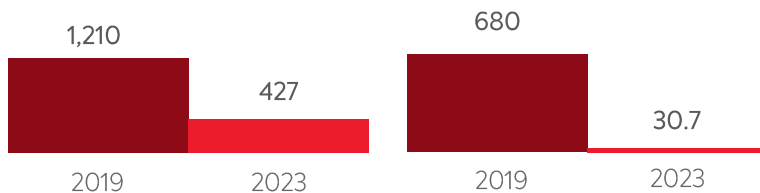
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



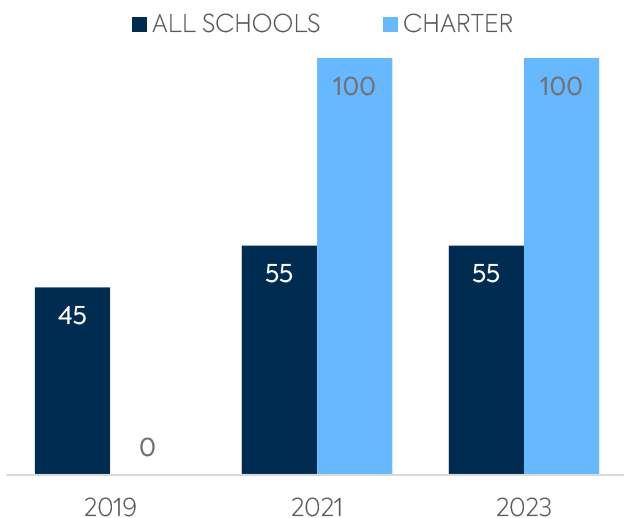
CHANNING HALL

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%

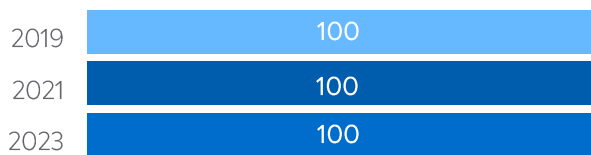
WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)

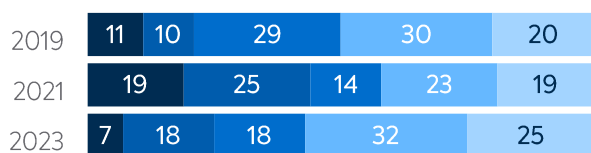


AGE OF WI-FI ACCESS POINTS (%)

Charter



All Schools

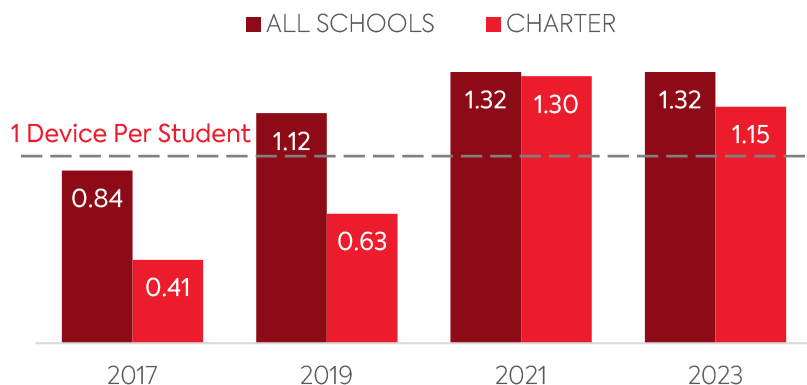


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

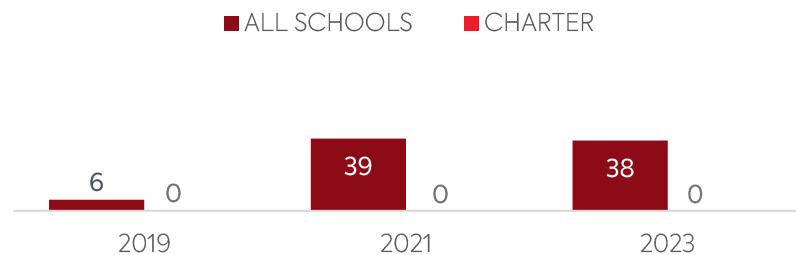
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	14	24	-5	-12%	-46%
LAPTOPS WINDOWS OS	0	100	7	8%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	800	3	527	191%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	15	6	-6	-22%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	829	133	523	119%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

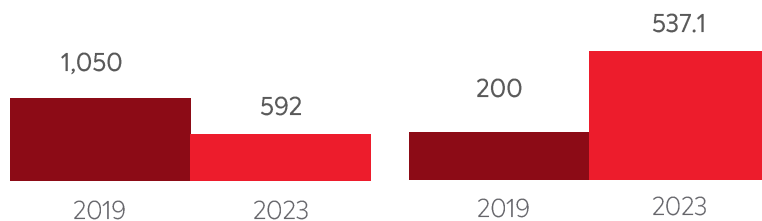
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



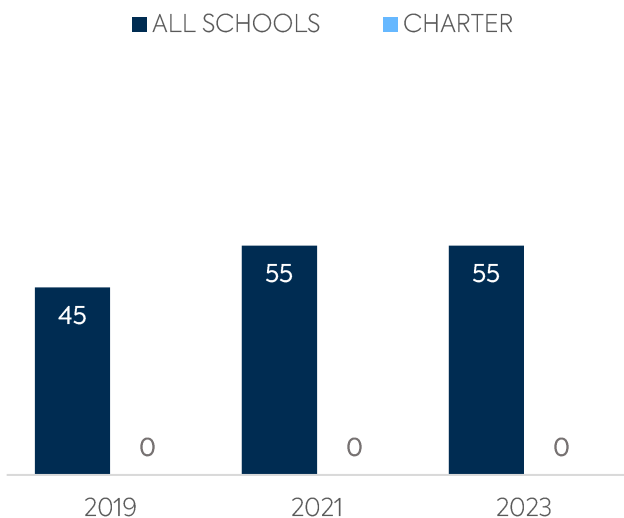
CITY ACADEMY

CHARTER FACTS

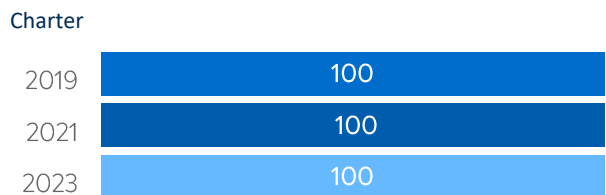
ENROLLMENT.....	93
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

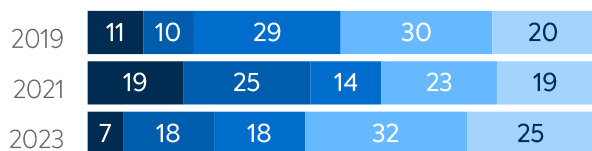
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

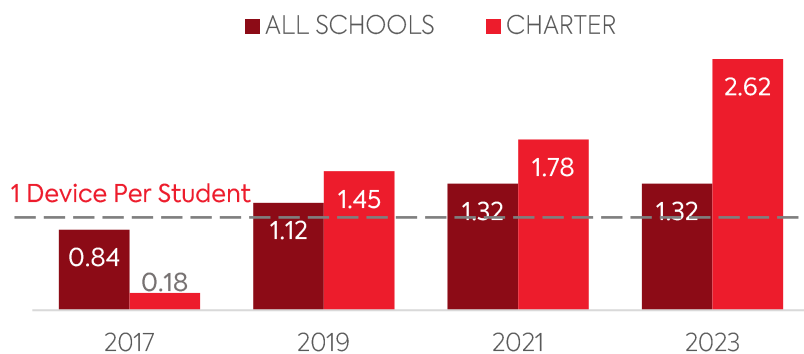


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

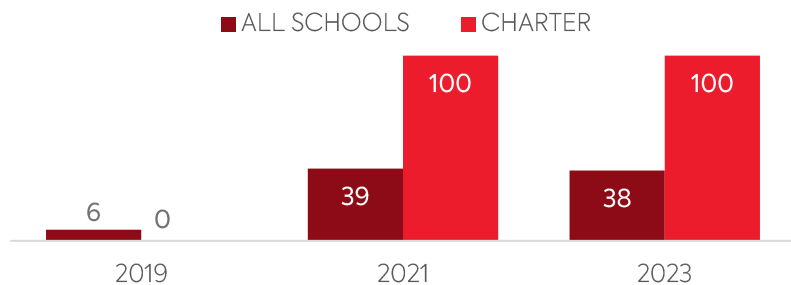
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	20	20	20	100%	-46%
LAPTOPS WINDOWS OS	4	9	13	N/A	99%
DESKTOPS MAC	0	0	-4	-100%	-43%
LAPTOPS MAC	0	0	-6	-100%	-3%
CHROMEBOOKS GOOGLE	220	18	238	N/A	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	244	47	261	870%	53%

COMPUTING DEVICES PER STUDENT

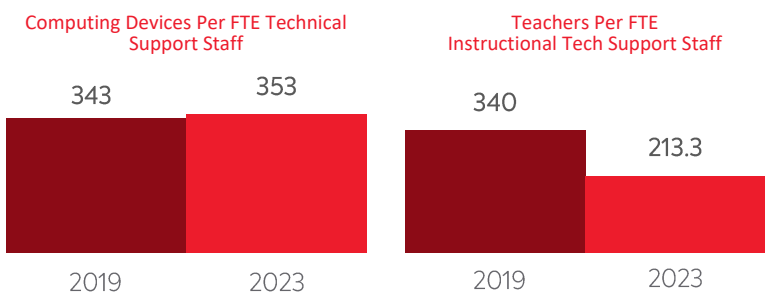


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



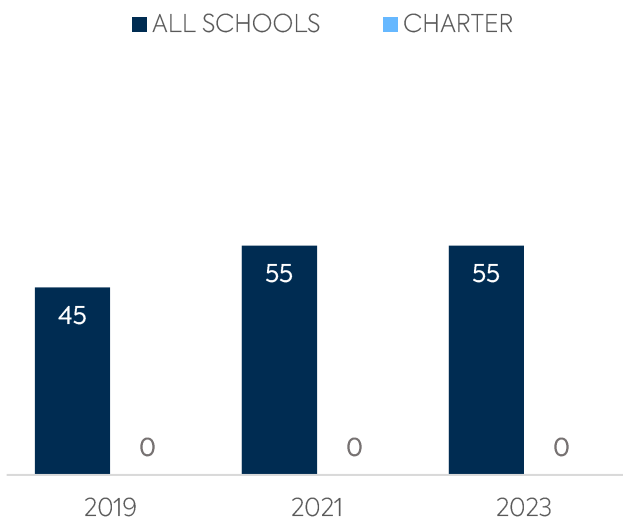
DAVINCI ACADEMY OF SCIENCE & THE ARTS

CHARTER FACTS

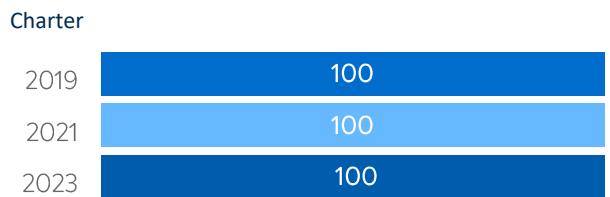
ENROLLMENT.....	1,268
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	2%

WI-FI NETWORK COVERAGE

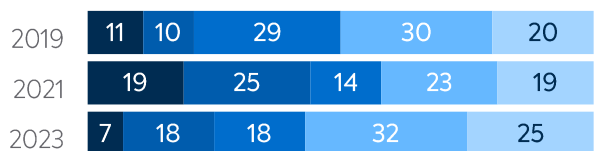
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

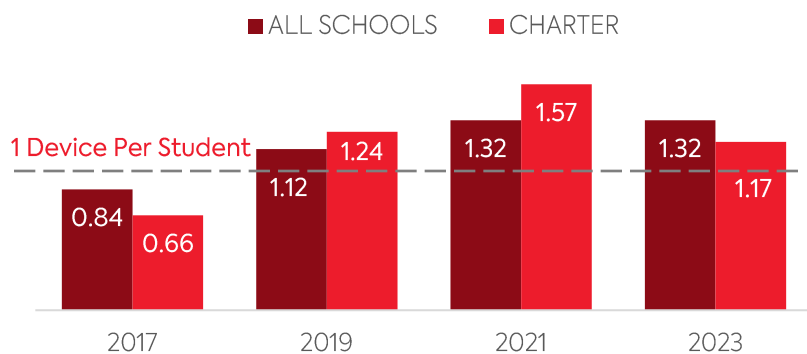


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

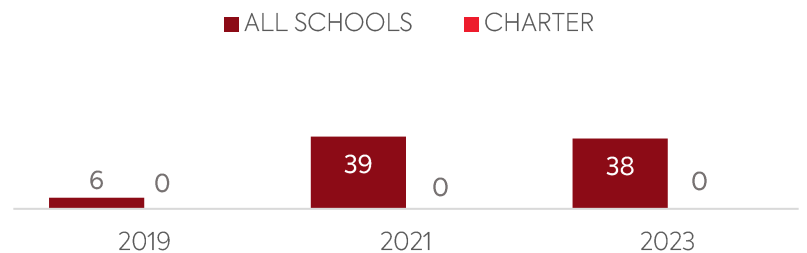
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	71	109	-35	-16%	-46%
LAPTOPS WINDOWS OS	30	117	-413	-74%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	1,300	3	1,123	624%	124%
TABLETS WINDOWS	0	0	-3	-100%	125%
TABLETS ANDROID	80	0	20	33%	-27%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	1,481	229	692	68%	53%

COMPUTING DEVICES PER STUDENT

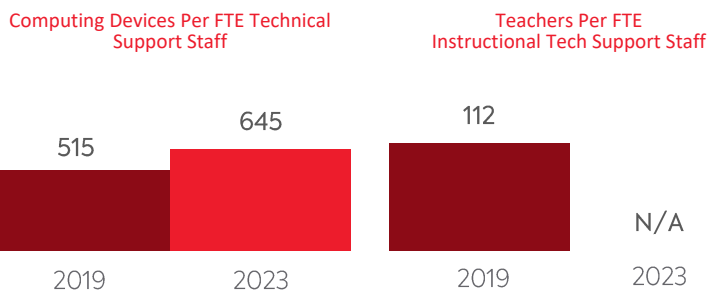


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



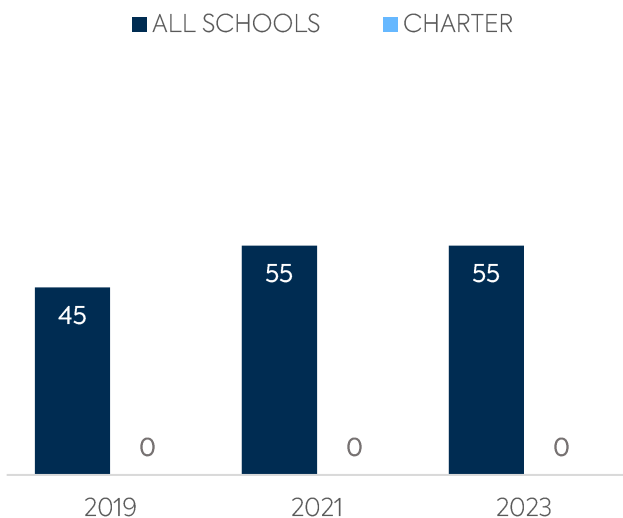
DUAL IMMERSION ACADEMY

CHARTER FACTS

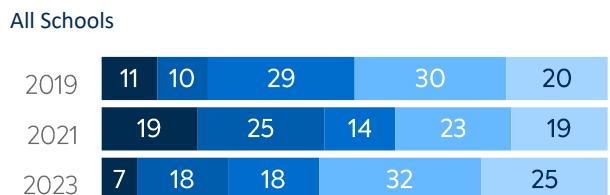
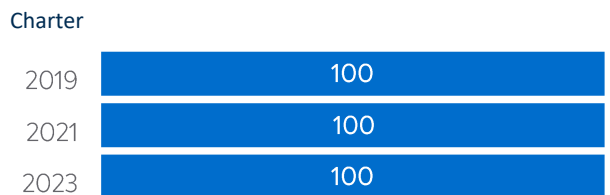
ENROLLMENT.....	420
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)

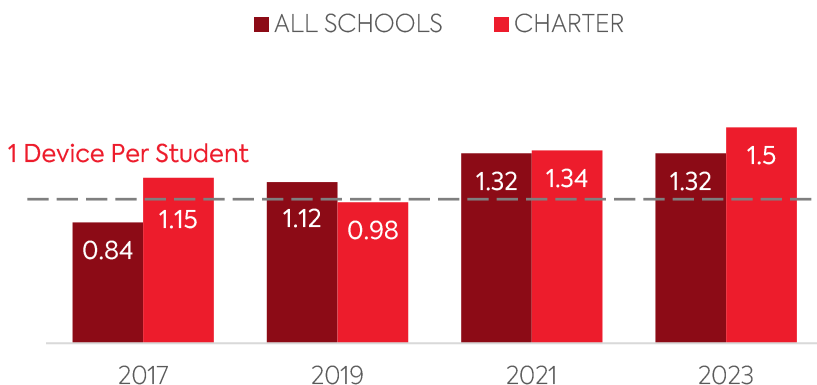


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

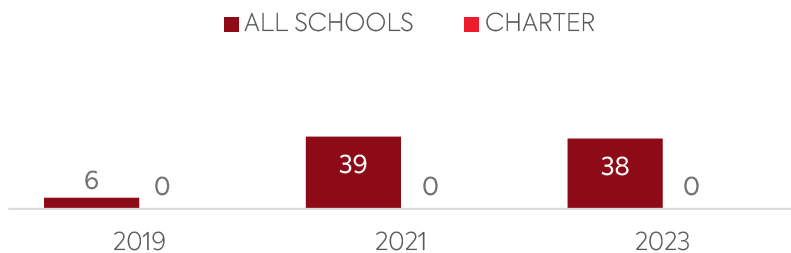
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	30	70	-60	-38%	-46%
LAPTOPS WINDOWS OS	0	50	25	100%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	600	30	225	56%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	0	15	0	0%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	630	165	190	31%	53%

COMPUTING DEVICES PER STUDENT



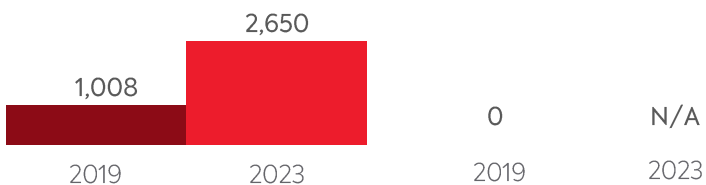
MOBILE DEPLOYMENT

Schools With 1:1 Programs Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff Teachers Per FTE Instructional Tech Support Staff



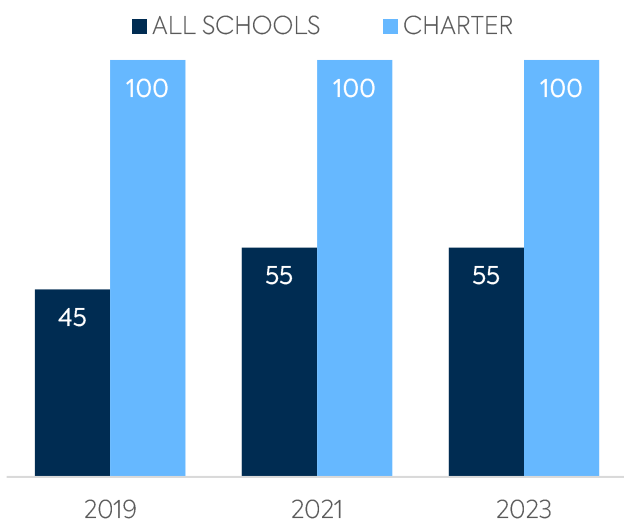
THE EARLY LIGHT ACADEMY AT DAYBREAK

CHARTER FACTS

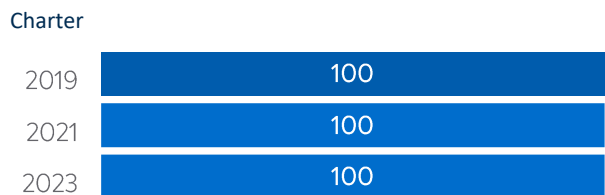
ENROLLMENT.....	945
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

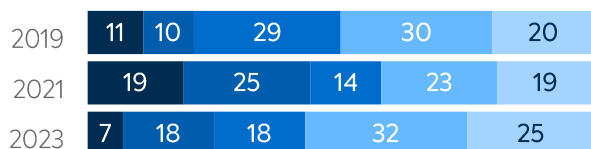
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

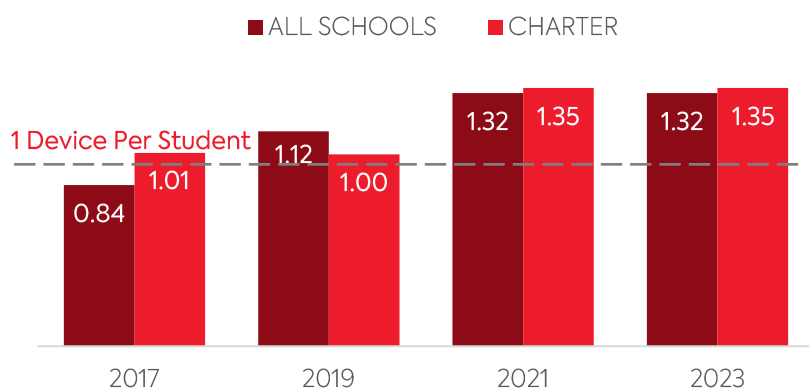


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

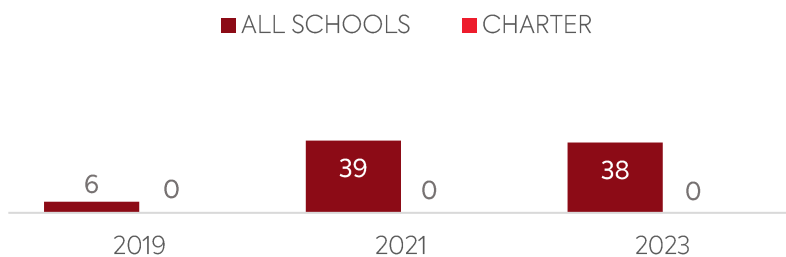
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	20	6	5	24%	-46%
LAPTOPS WINDOWS OS	63	3	34	106%	99%
DESKTOPS MAC	1	4	-1	-17%	-43%
LAPTOPS MAC	15	80	-5	-5%	-3%
CHROMEBOOKS GOOGLE	857	20	242	38%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	316	56	22	6%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	1,272	169	297	26%	53%

COMPUTING DEVICES PER STUDENT

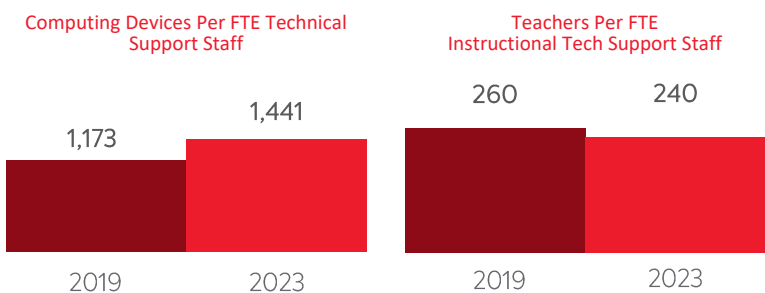


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



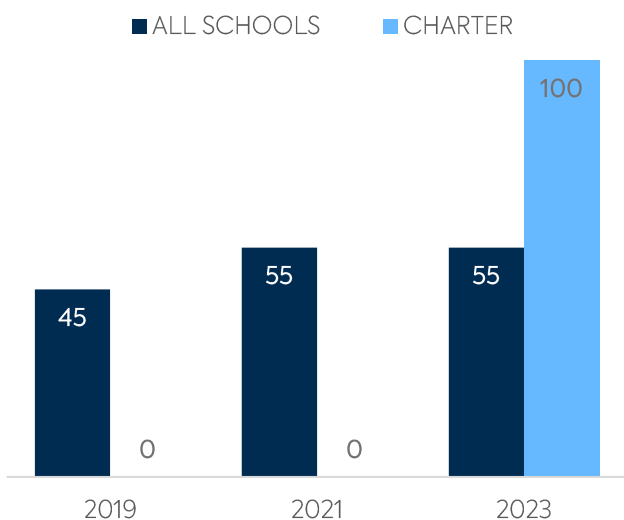
EAST HOLLYWOOD HIGH SCHOOL

CHARTER FACTS

ENROLLMENT.....	456
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

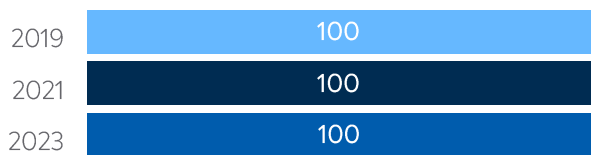
WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)

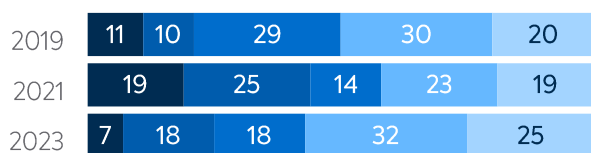


AGE OF WI-FI ACCESS POINTS (%)

Charter



All Schools

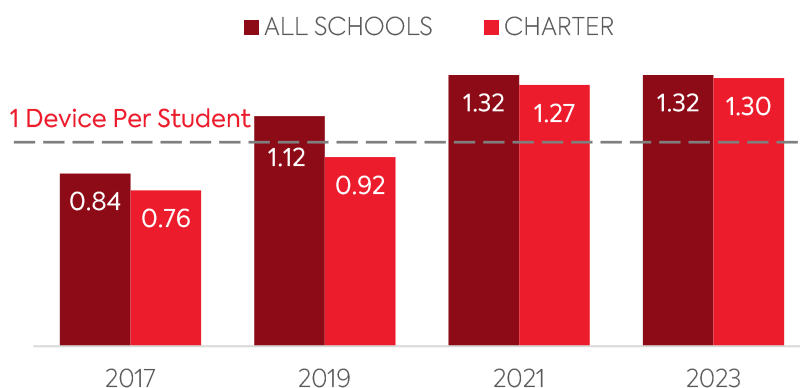


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

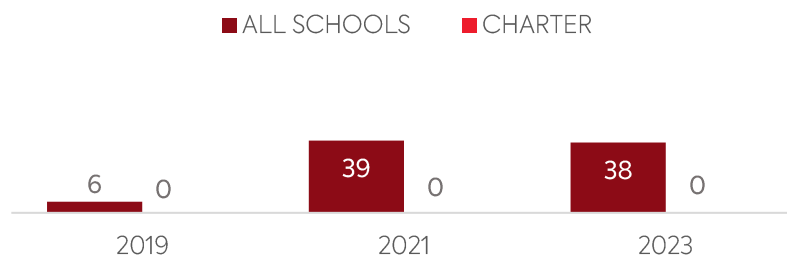
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	50	32	-48	-37%	-46%
LAPTOPS WINDOWS OS	15	3	-42	-70%	99%
DESKTOPS MAC	30	3	0	0%	-43%
LAPTOPS MAC	0	0	-5	-100%	-3%
CHROMEBOOKS GOOGLE	500	0	420	525%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	595	38	325	106%	53%

COMPUTING DEVICES PER STUDENT

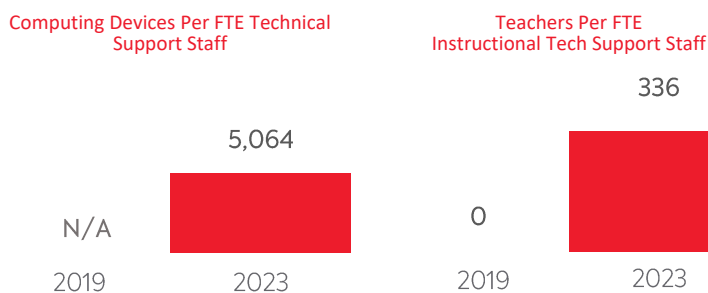


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



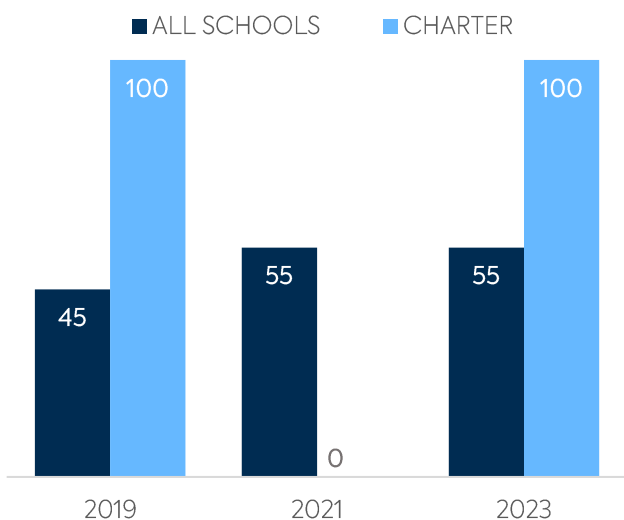
EDITH BOWEN LABORATORY SCHOOL

CHARTER FACTS

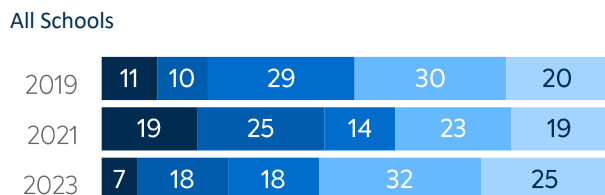
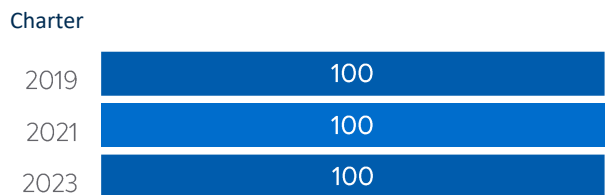
ENROLLMENT.....	378
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)

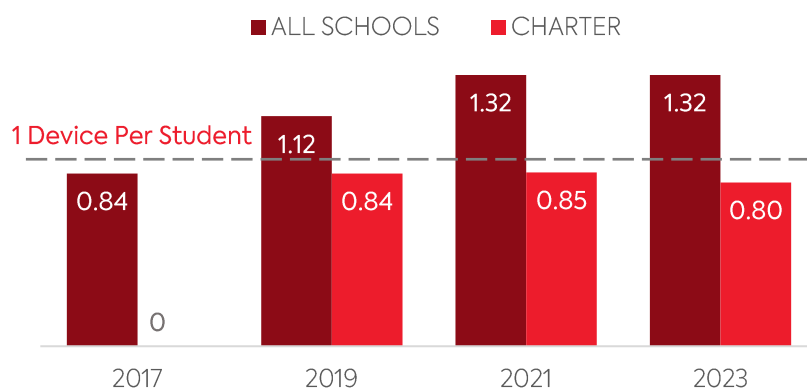


■ Less Than 1 Yr. Old ■ 1 Year Old
■ 2 Years Old ■ 3 Years Old
■ 4+ Years Old ■ Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

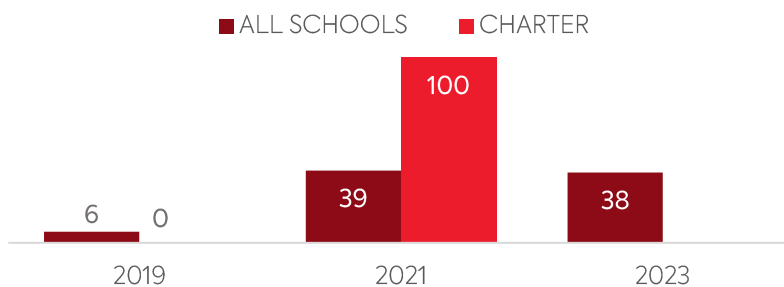
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	7	1	17%	-46%
LAPTOPS WINDOWS OS	0	3	-1	-25%	99%
DESKTOPS MAC	8	0	-4	-33%	-43%
LAPTOPS MAC	0	28	14	100%	-3%
CHROMEBOOKS GOOGLE	213	0	-147	-41%	124%
TABLETS WINDOWS	0	2	-1	-33%	125%
TABLETS ANDROID	0	1	1	N/A	-27%
TABLETS IOS	80	30	89	424%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	301	71	-48	-11%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

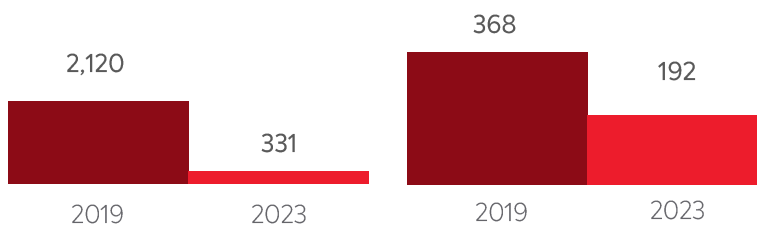
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



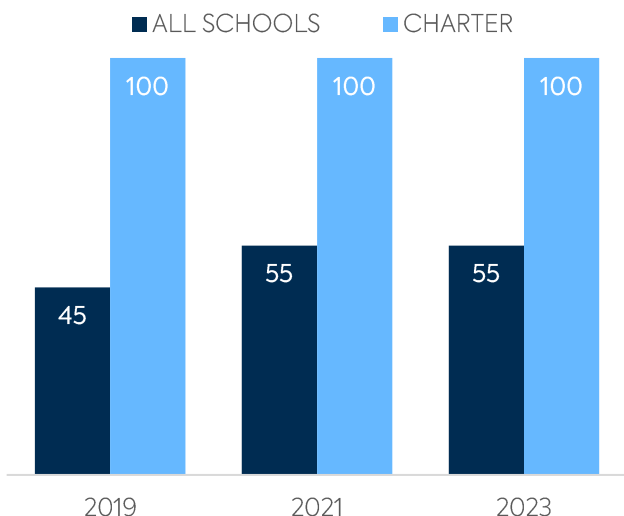
ENDEAVOR HALL

CHARTER FACTS

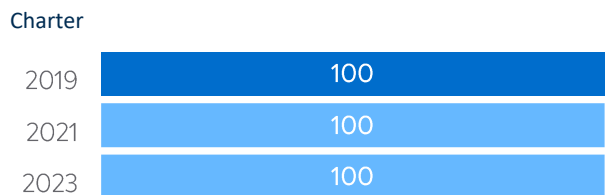
ENROLLMENT.....	343
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	27%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

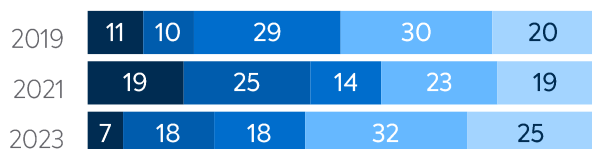
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

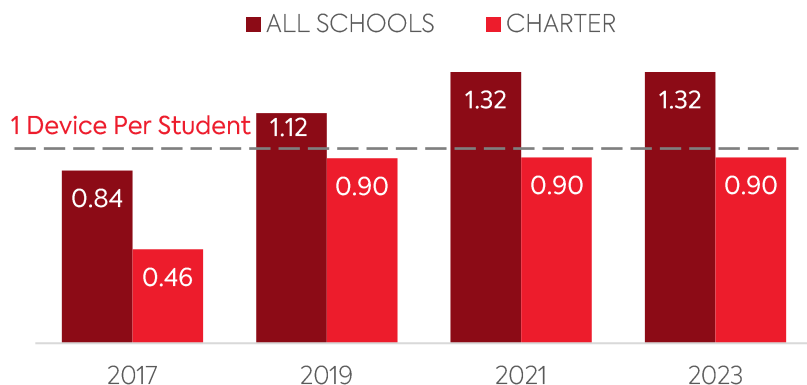


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

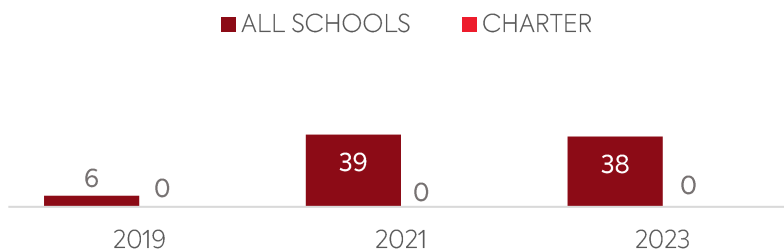
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	2	2	2	100%	-46%
LAPTOPS WINDOWS OS	70	35	-90	-46%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	232	0	117	102%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	6	0	0	0%	-90%
ALL COMPUTING DEVICES	310	37	29	9%	53%

COMPUTING DEVICES PER STUDENT

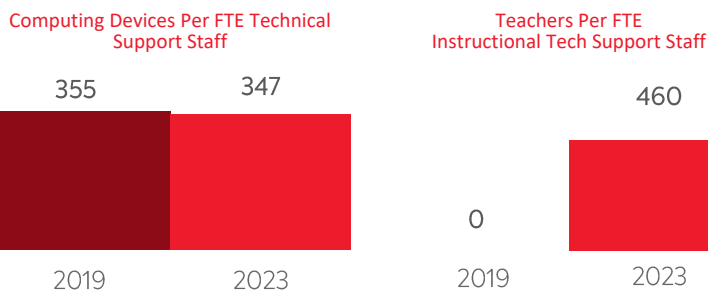


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



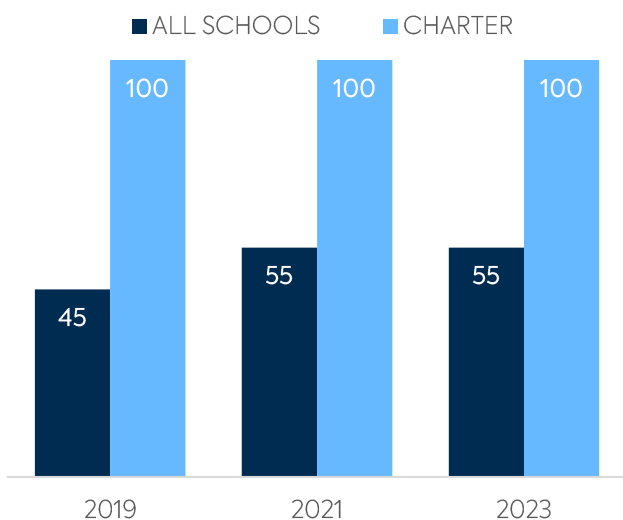
ENTHEOS ACADEMY

CHARTER FACTS

ENROLLMENT.....	1,069
NUMBER OF SCHOOLS.....	2
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	25%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

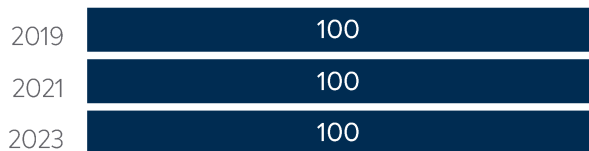
WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)

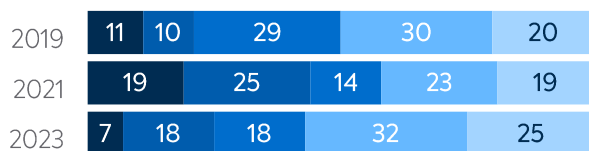


AGE OF WI-FI ACCESS POINTS (%)

Charter



All Schools

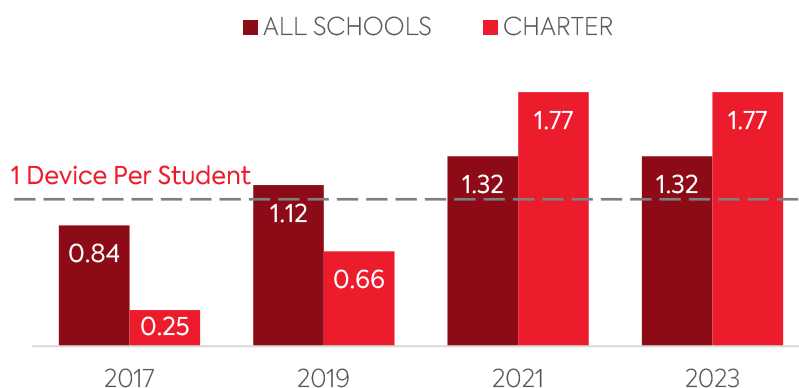


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

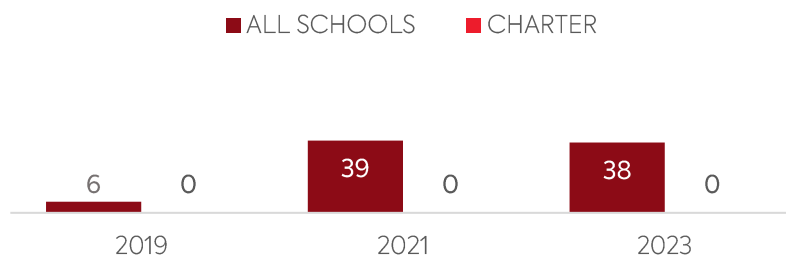
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	88	3	4	5%	-46%
LAPTOPS WINDOWS OS	78	110	73	64%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	1,648	0	1,468	816%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	12	11	23	N/A	-27%
TABLETS IOS	62	0	52	520%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	1,888	124	1,620	413%	53%

COMPUTING DEVICES PER STUDENT

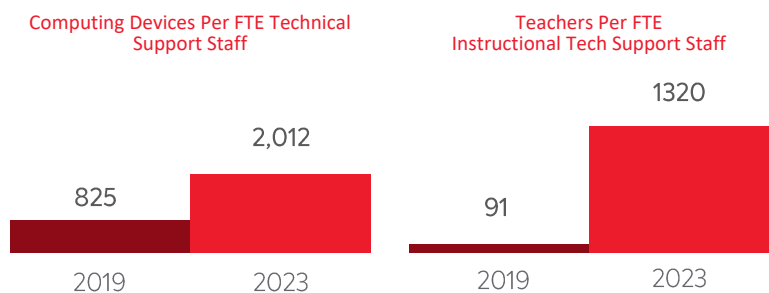


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



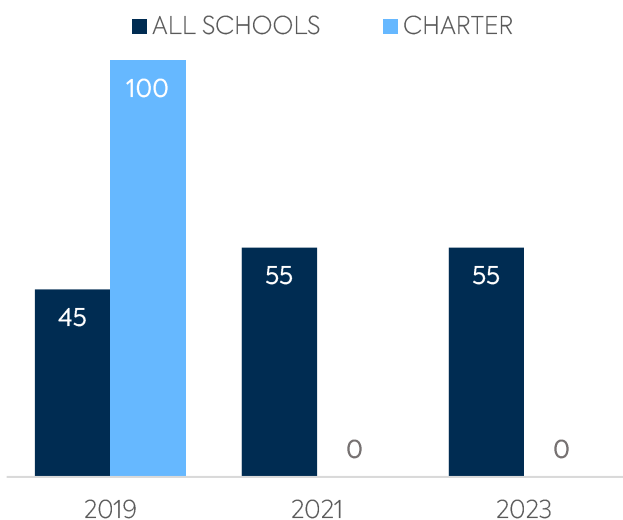
ESPERANZA ELEMENTARY

CHARTER FACTS

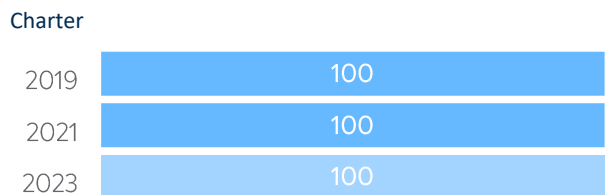
ENROLLMENT.....	550
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	1%

WI-FI NETWORK COVERAGE

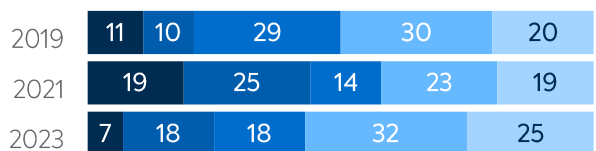
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

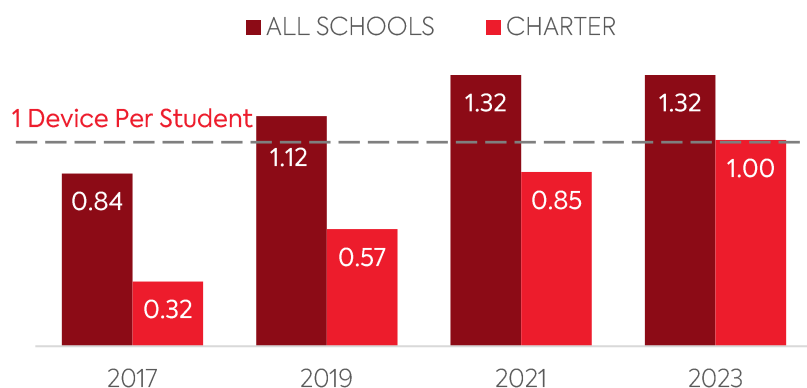


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

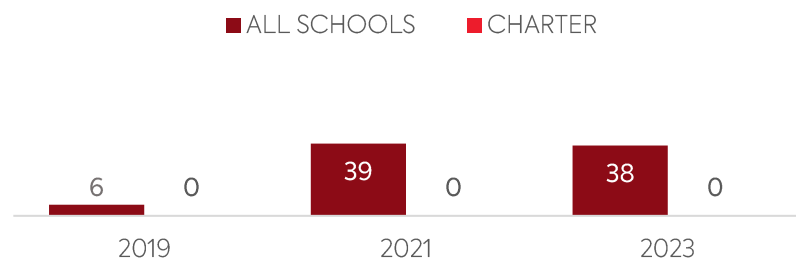
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	30	30	4	7%	-46%
LAPTOPS WINDOWS OS	12	10	12	120%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	500	0	410	456%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	10	0	0	0%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	552	40	426	257%	53%

COMPUTING DEVICES PER STUDENT

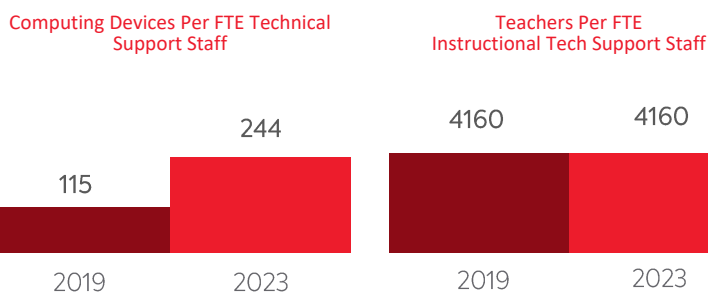


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



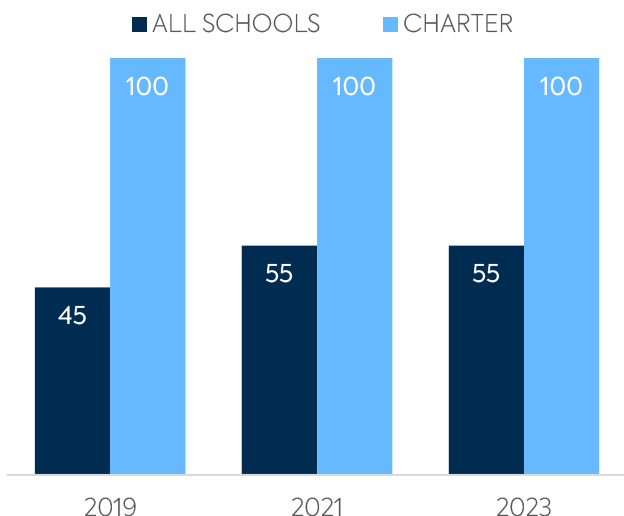
EXCELSIOR ACADEMY

CHARTER FACTS

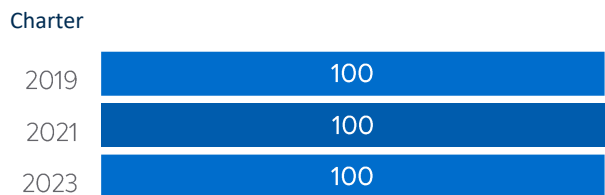
ENROLLMENT.....	1,353
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

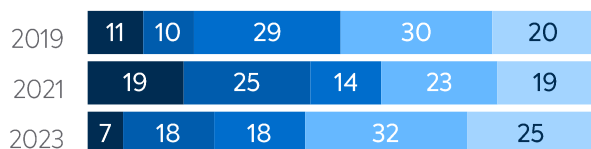
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

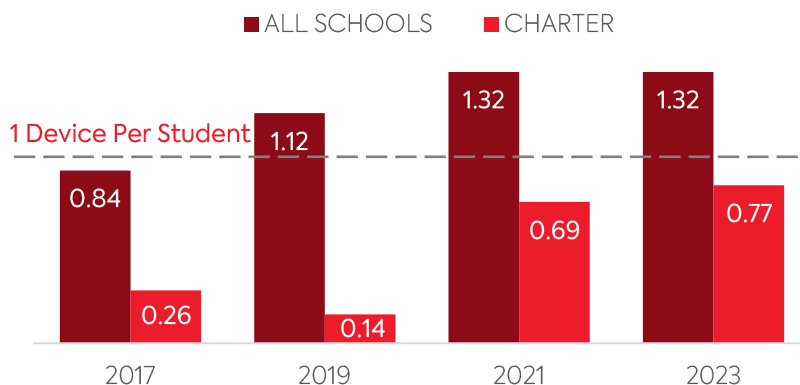


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

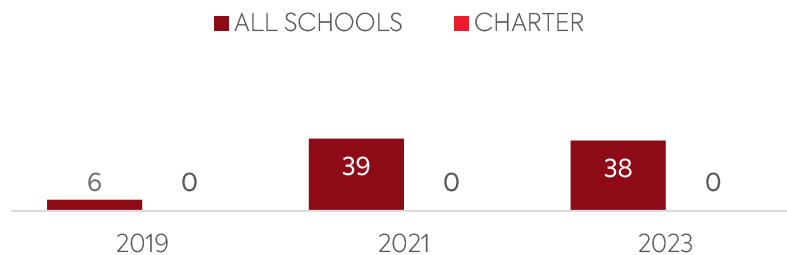
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	0	0	N/A	-46%
LAPTOPS WINDOWS OS	0	100	10	11%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	2	-58	-97%	-3%
CHROMEBOOKS GOOGLE	1,000	0	880	733%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	40	90	90	225%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	1,040	192	922	297%	53%

COMPUTING DEVICES PER STUDENT

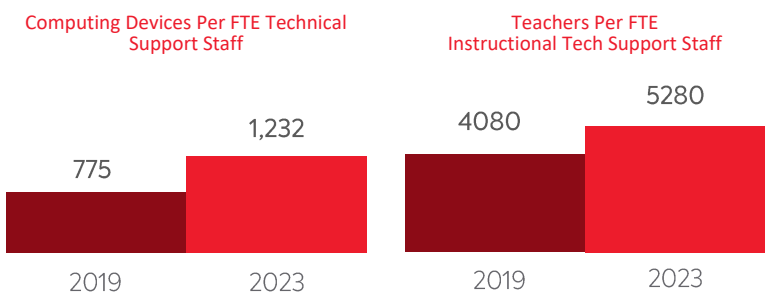


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



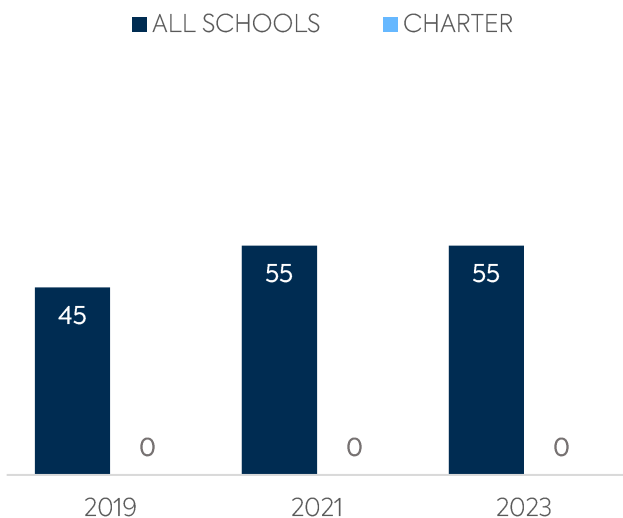
FAST FORWARD CHARTER HIGH SCHOOL

CHARTER FACTS

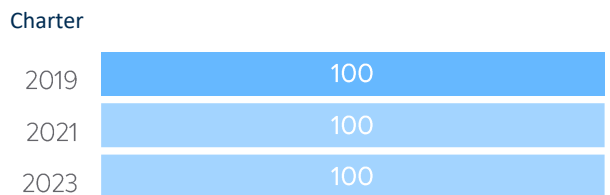
ENROLLMENT.....	430
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	5%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	2%

WI-FI NETWORK COVERAGE

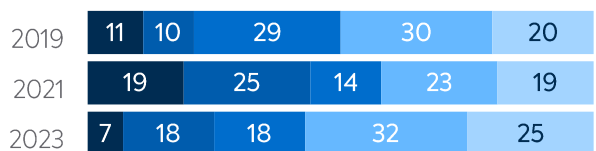
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

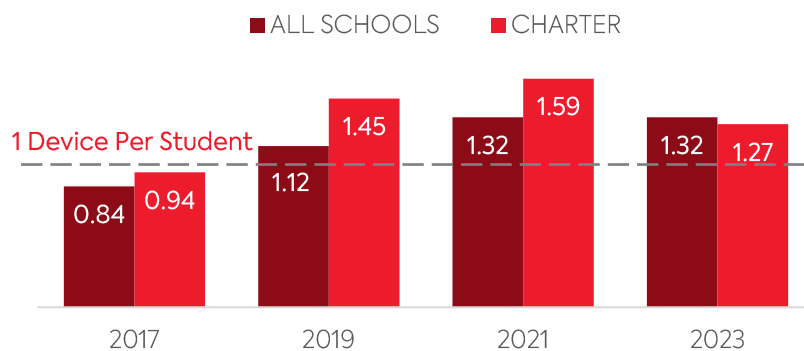


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

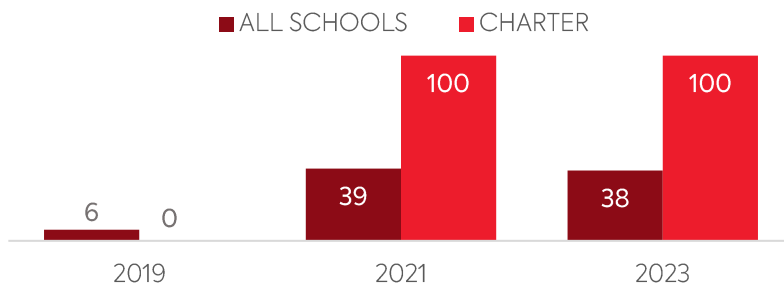
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	20	-40	-67%	-46%
LAPTOPS WINDOWS OS	30	25	1	2%	99%
DESKTOPS MAC	17	3	1	5%	-43%
LAPTOPS MAC	30	3	10	44%	-3%
CHROMEBOOKS GOOGLE	450	10	360	360%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	20	30	25	100%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	547	91	357	127%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

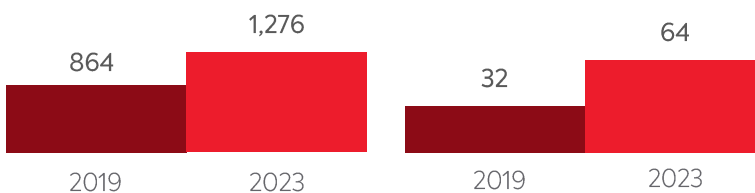
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



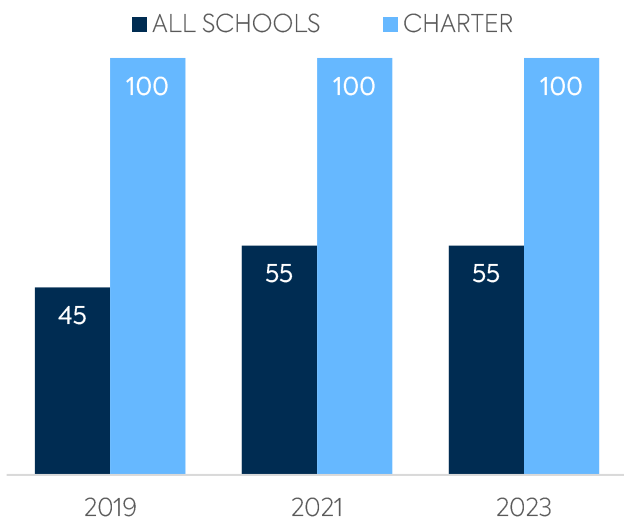
FRANKLIN DISCOVERY ACADEMY

CHARTER FACTS

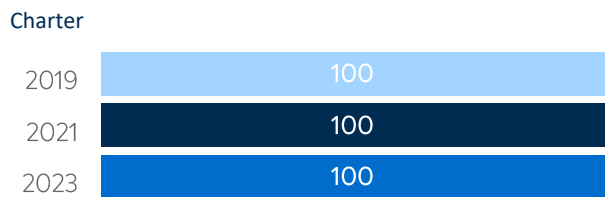
ENROLLMENT.....	730
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

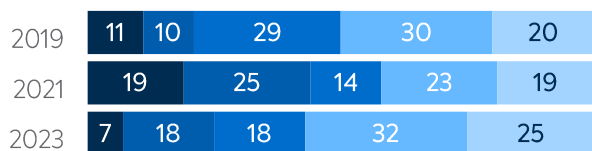
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

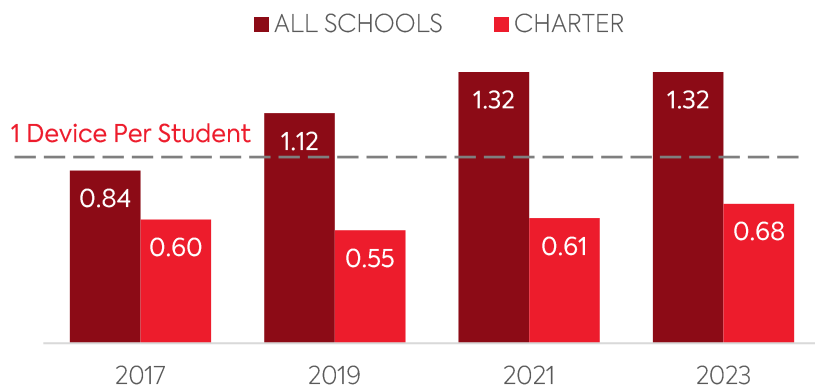


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

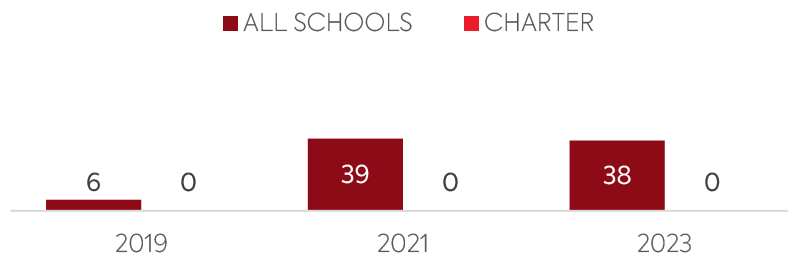
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	0	0	N/A	-46%
LAPTOPS WINDOWS OS	0	6	-14	-70%	99%
DESKTOPS MAC	135	6	137	3,425%	-43%
LAPTOPS MAC	0	85	75	750%	-3%
CHROMEBOOKS GOOGLE	350	10	40	13%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	10	2	10	500%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	495	109	248	70%	53%

COMPUTING DEVICES PER STUDENT

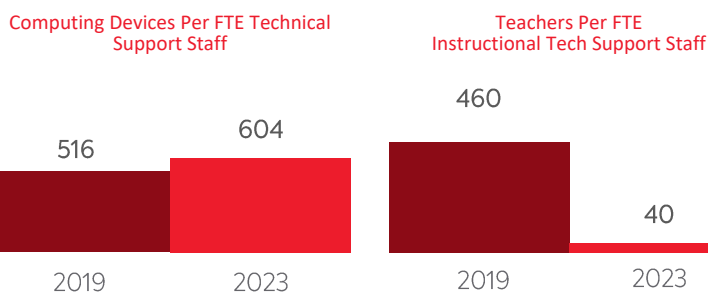


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



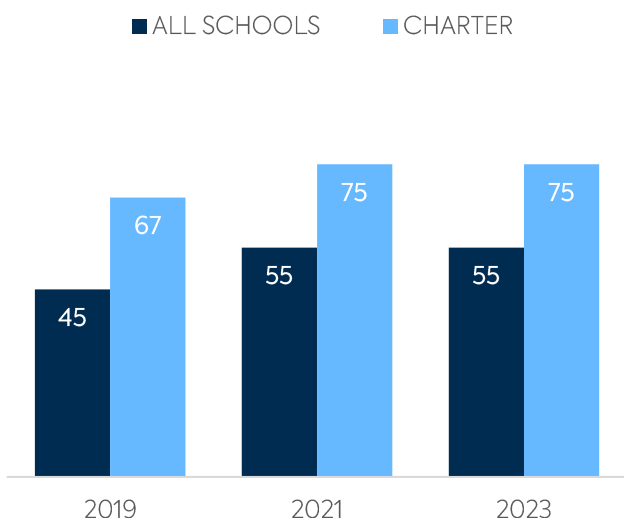
FREEDOM PREPARATORY ACADEMY

CHARTER FACTS

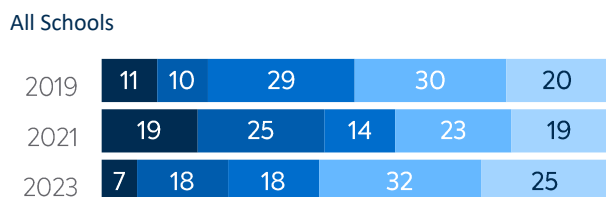
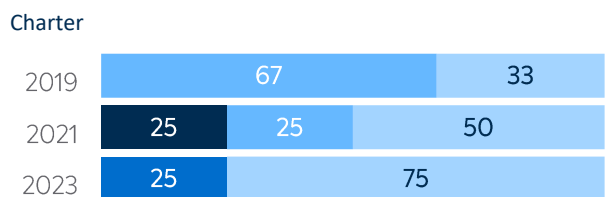
ENROLLMENT.....	2,163
NUMBER OF SCHOOLS.....	4
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)

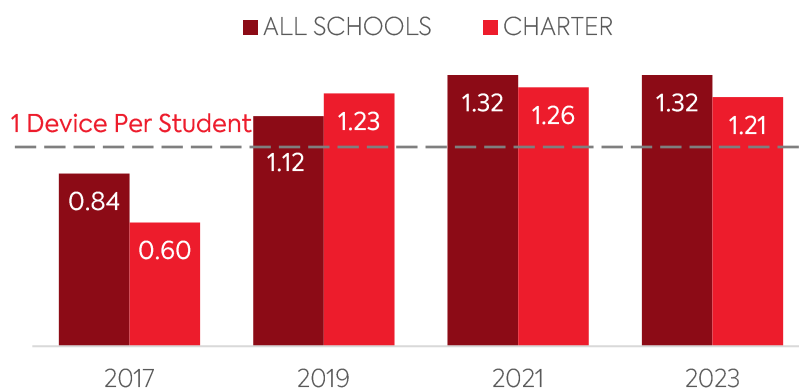


■ Less Than 1 Yr. Old ■ 1 Year Old
■ 2 Years Old ■ 3 Years Old
■ 4+ Years Old ■ Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

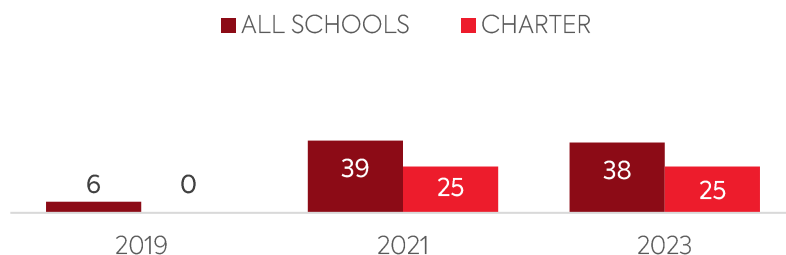
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	40	185	103	84%	-46%
LAPTOPS WINDOWS OS	0	24	23	2,300%	99%
DESKTOPS MAC	37	12	49	N/A	-43%
LAPTOPS MAC	0	13	13	N/A	-3%
CHROMEBOOKS GOOGLE	2,260	110	1,840	347%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	285	55	328	2,733%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	2,622	399	2,356	354%	53%

COMPUTING DEVICES PER STUDENT

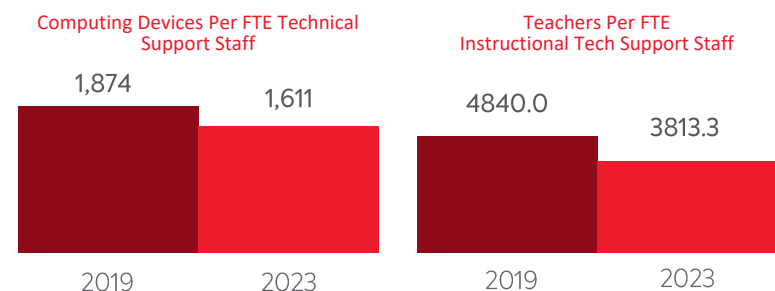


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



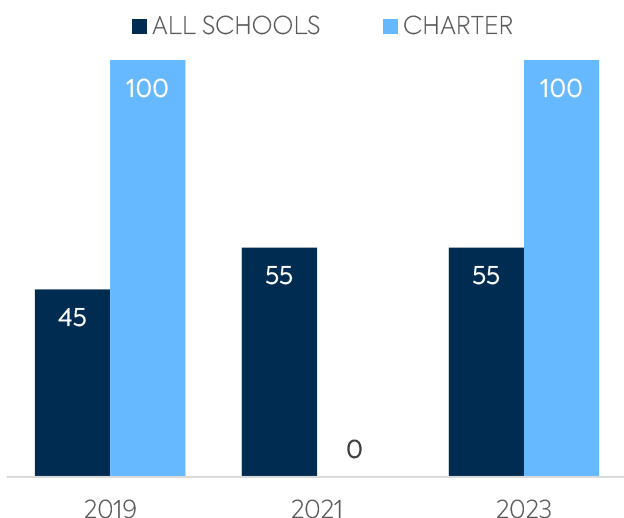
GATEWAY PREPARATORY ACADEMY

CHARTER FACTS

ENROLLMENT.....	543
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

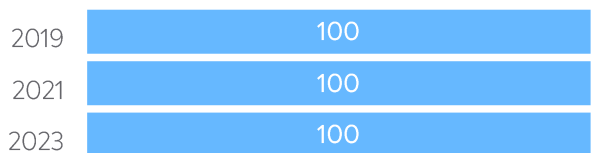
WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)

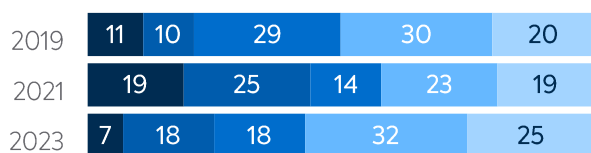


AGE OF WI-FI ACCESS POINTS (%)

Charter



All Schools

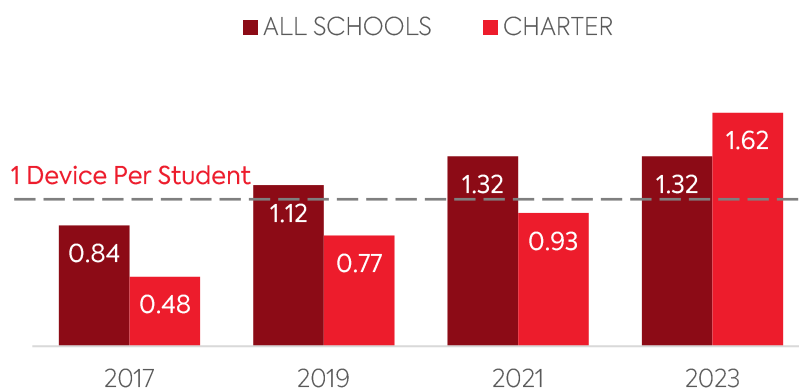


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

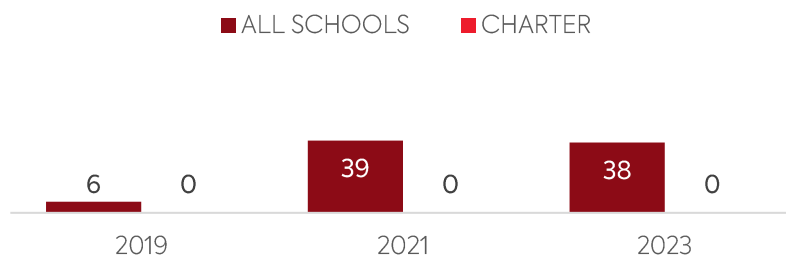
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	31	10	7	21%	-46%
LAPTOPS WINDOWS OS	0	60	25	71%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	4	0	0%	-3%
CHROMEBOOKS GOOGLE	600	0	310	107%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	250	30	252	900%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	881	104	594	152%	53%

COMPUTING DEVICES PER STUDENT

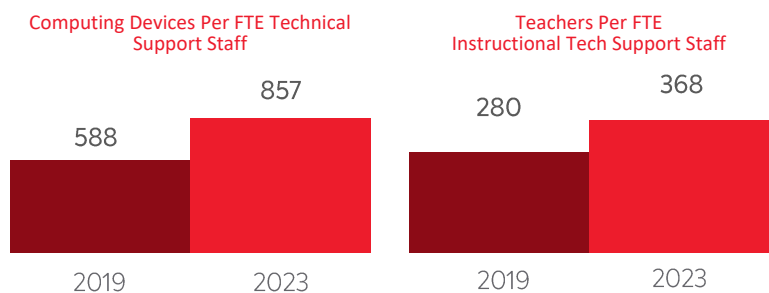


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



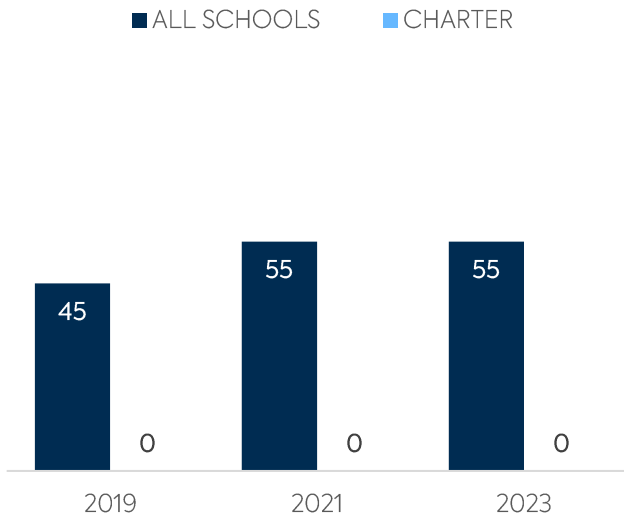
GEORGE WASHINGTON ACADEMY

CHARTER FACTS

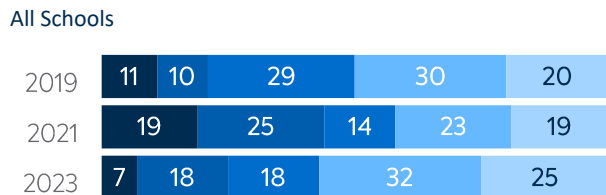
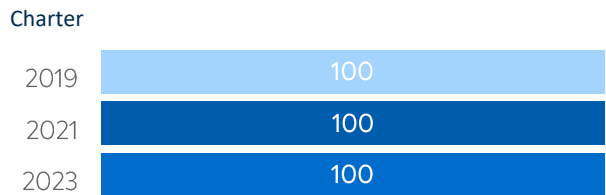
ENROLLMENT.....	1,017
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)

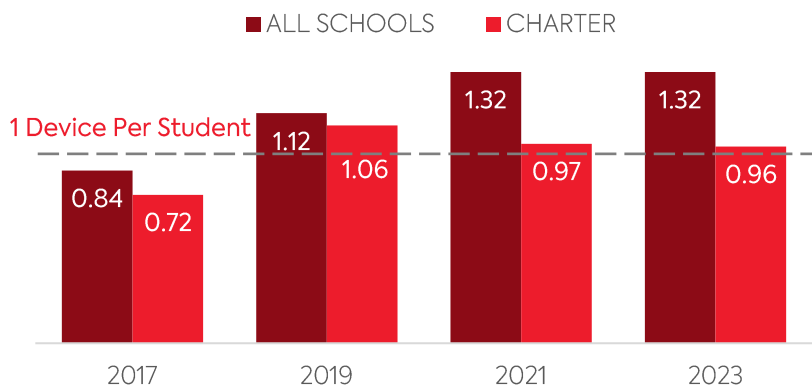


■ Less Than 1 Yr. Old ■ 1 Year Old
■ 2 Years Old ■ 3 Years Old
■ 4+ Years Old ■ Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

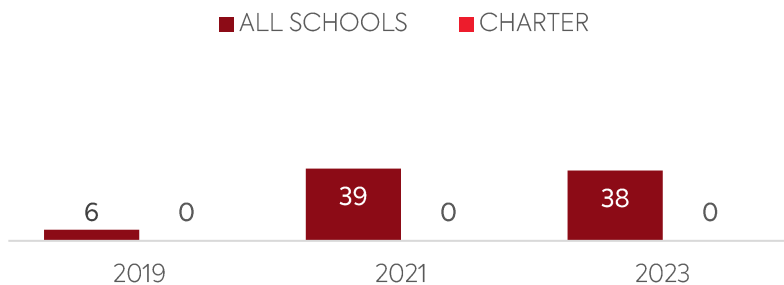
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	30	75	-53	-34%	-46%
LAPTOPS WINDOWS OS	0	0	-40	-100%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	71	71	N/A	-3%
CHROMEBOOKS GOOGLE	798	15	220	37%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	145	3	117	377%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	973	164	315	38%	53%

COMPUTING DEVICES PER STUDENT



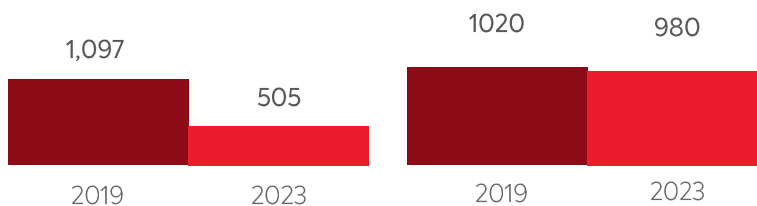
MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff Teachers Per FTE Instructional Tech Support Staff



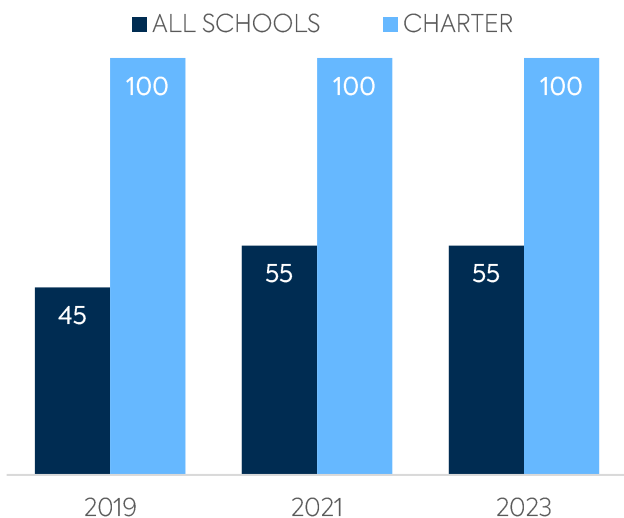
GOOD FOUNDATIONS ACADEMY

CHARTER FACTS

ENROLLMENT.....	427
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

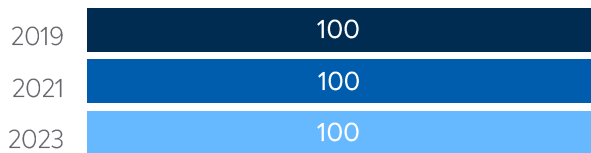
WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)

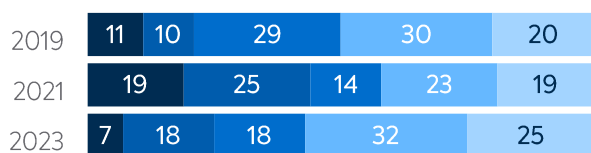


AGE OF WI-FI ACCESS POINTS (%)

Charter



All Schools

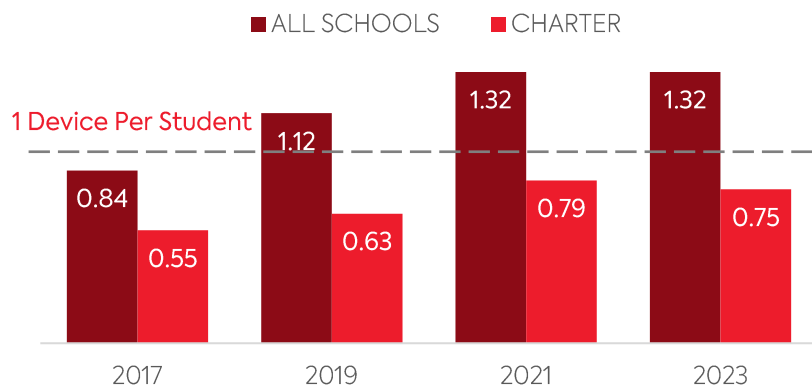


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

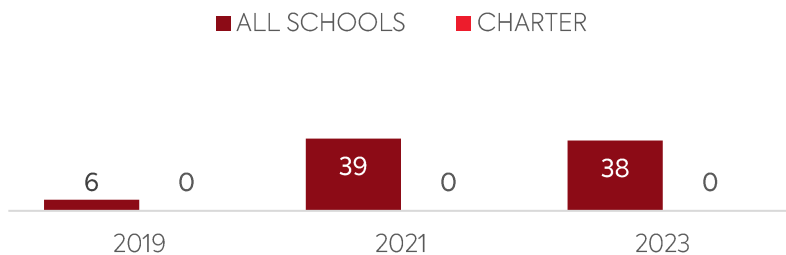
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	30	-26	-46%	-46%
LAPTOPS WINDOWS OS	0	4	-20	-83%	99%
DESKTOPS MAC	0	1	-25	-96%	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	300	0	120	67%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	20	0	0	0%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	320	35	49	16%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

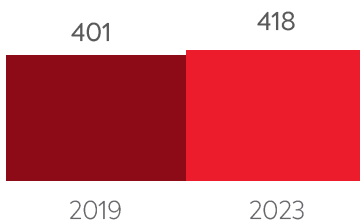
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



2019 2023

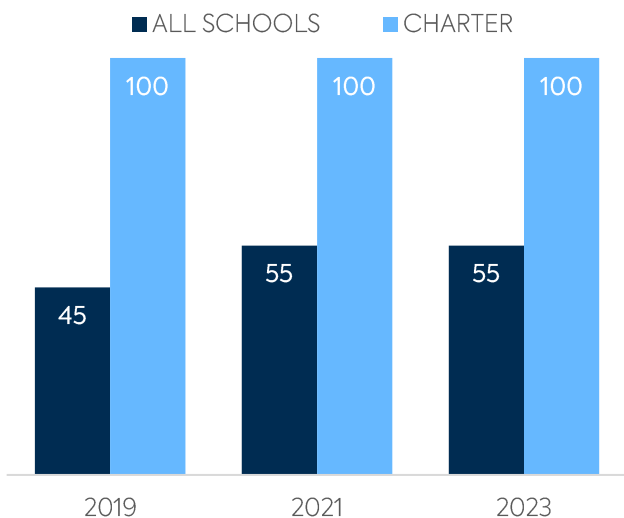
GREENWOOD CHARTER SCHOOL

CHARTER FACTS

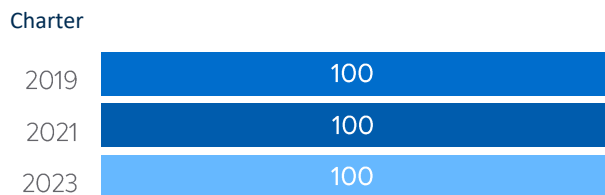
ENROLLMENT.....	337
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	1%

WI-FI NETWORK COVERAGE

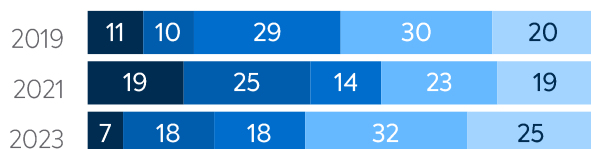
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

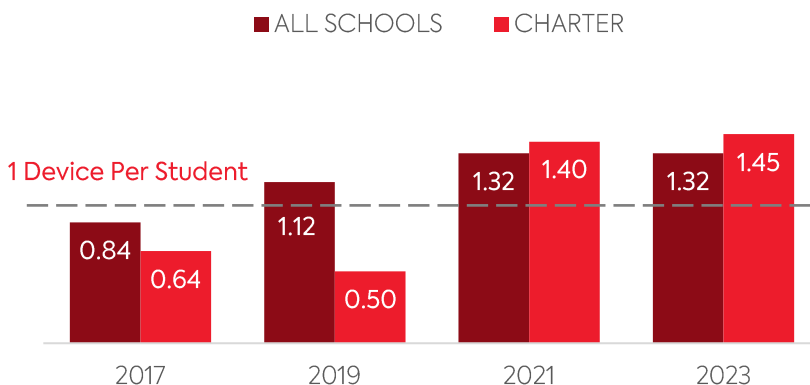


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

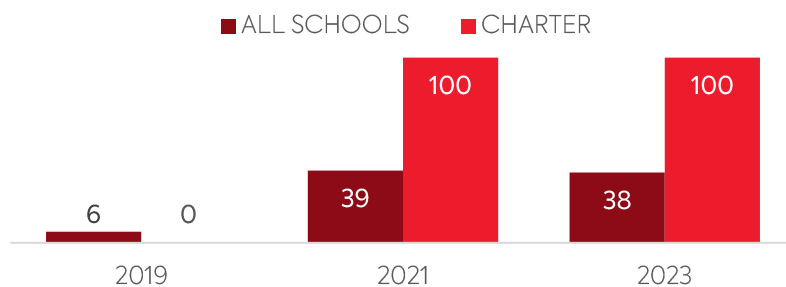
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	27	-53	-66%	-46%
LAPTOPS WINDOWS OS	0	4	-6	-60%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	27	27	N/A	-3%
CHROMEBOOKS GOOGLE	400	400	670	515%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	-50	-100%	-27%
TABLETS IOS	90	25	115	N/A	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	490	483	703	260%	53%

COMPUTING DEVICES PER STUDENT

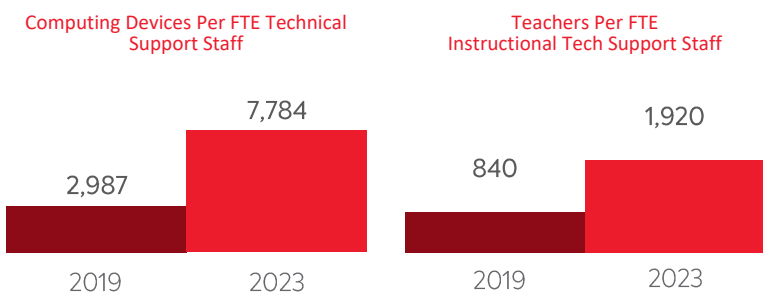


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



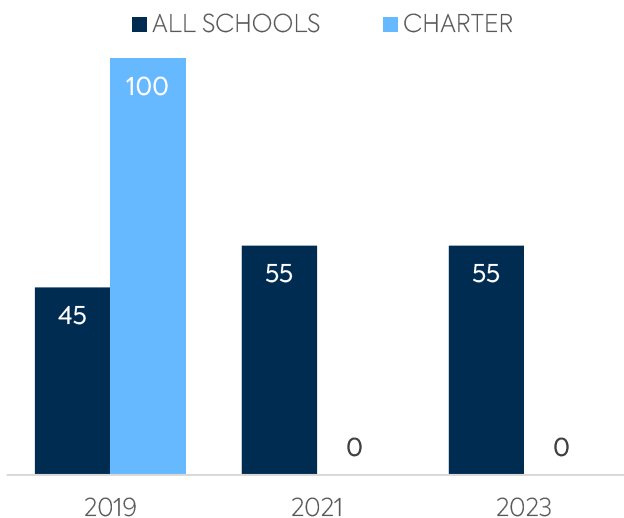
GUADALUPE SCHOOL

CHARTER FACTS

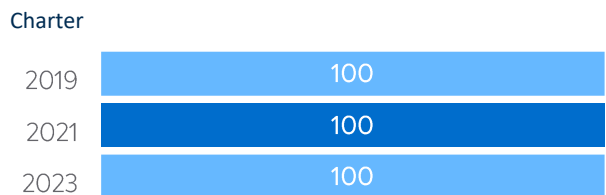
ENROLLMENT.....	290
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	20%

WI-FI NETWORK COVERAGE

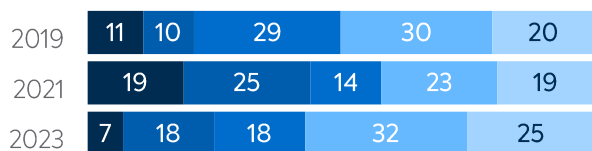
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

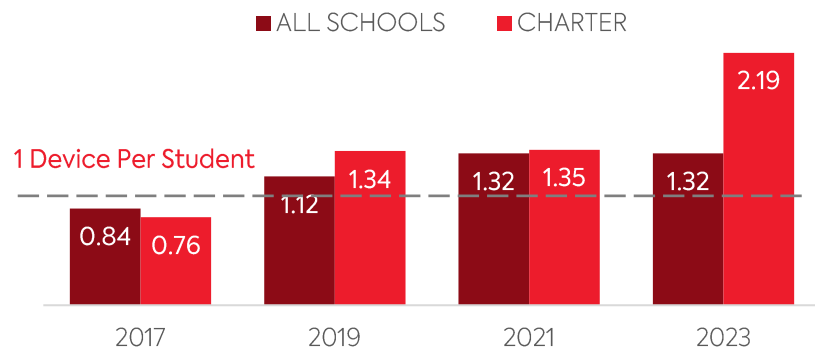


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

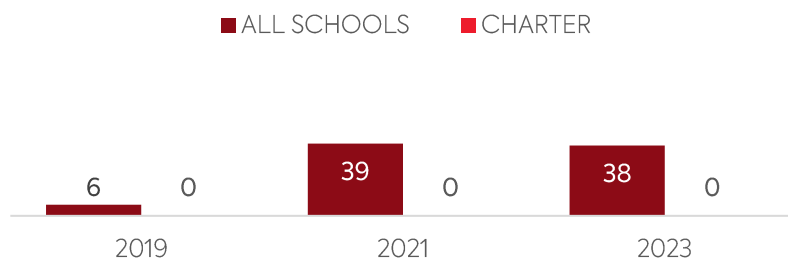
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	36	30	16	32%	-46%
LAPTOPS WINDOWS OS	0	70	-5	-7%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	450	0	170	61%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	150	9	152	2,171%	-27%
TABLETS IOS	0	14	14	N/A	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	636	123	347	84%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

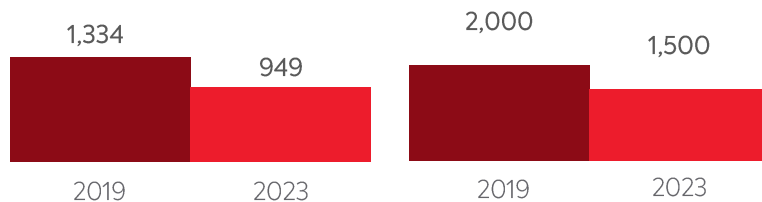
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



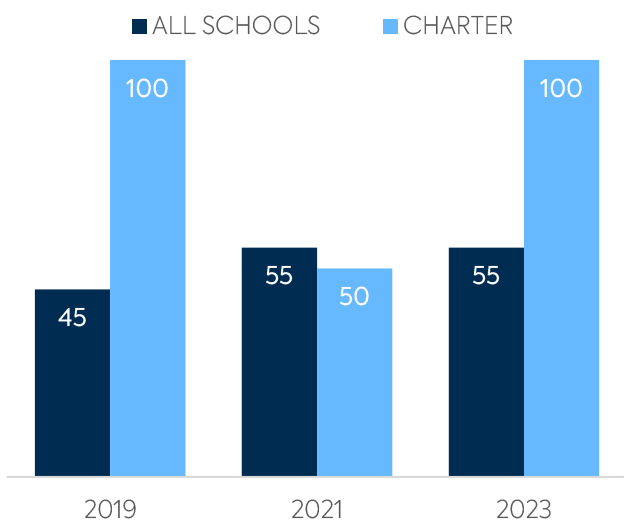
HAWTHORN ACADEMY

CHARTER FACTS

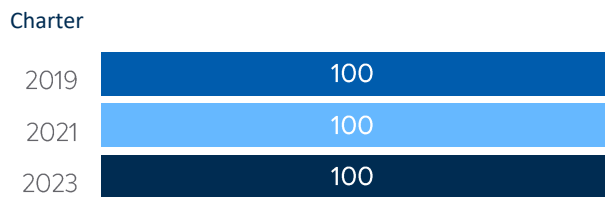
ENROLLMENT.....	1,386
NUMBER OF SCHOOLS.....	2
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

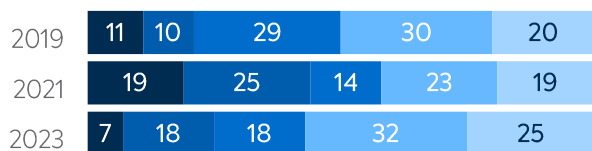
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

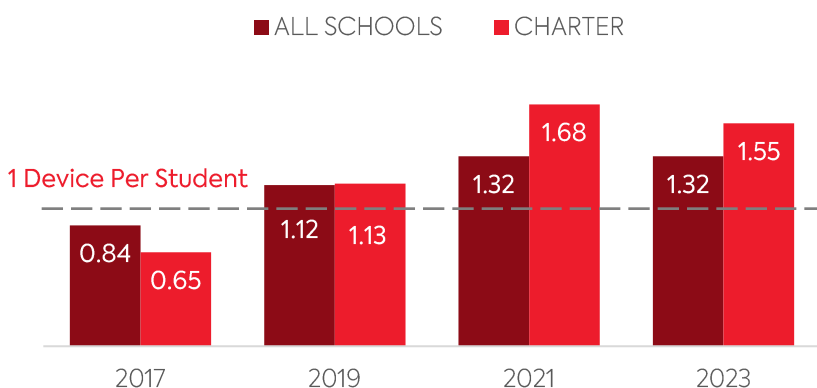


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

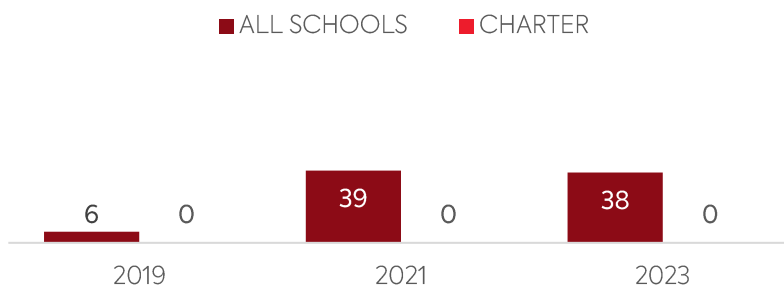
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	50	11	-10	-14%	-46%
LAPTOPS WINDOWS OS	80	131	-345	-62%	99%
DESKTOPS MAC	0	1	0	0%	-43%
LAPTOPS MAC	0	2	2	N/A	-3%
CHROMEBOOKS GOOGLE	1,995	24	1,680	496%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	22	134	10	7%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	2,147	303	1,337	120%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

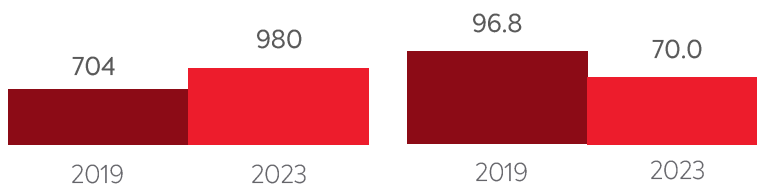
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



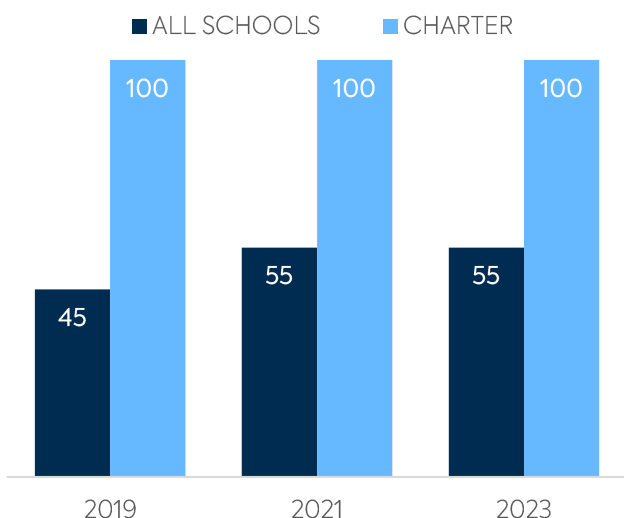
HIGHMARK CHARTER SCHOOL

CHARTER FACTS

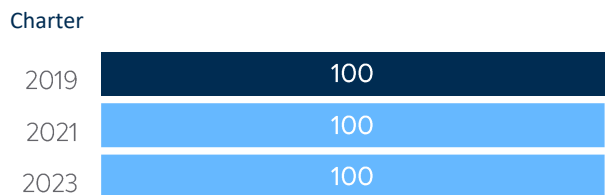
ENROLLMENT.....	665
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

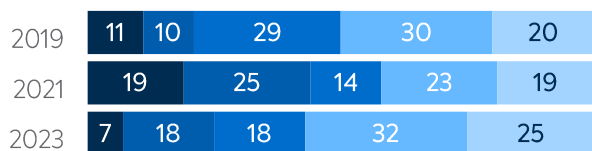
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

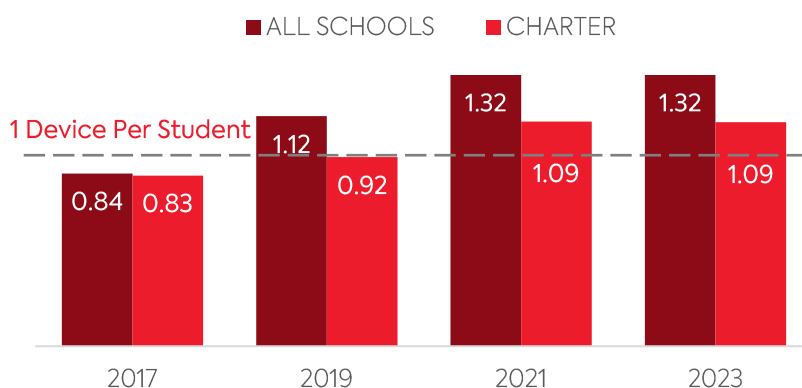


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

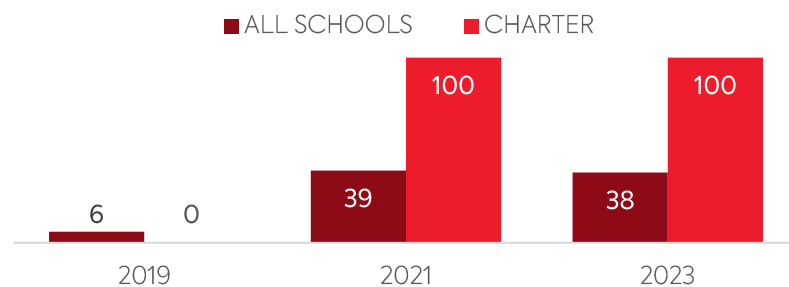
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	0	0	N/A	-46%
LAPTOPS WINDOWS OS	195	45	-370	-61%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	500	0	500	N/A	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	30	51	0	0%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	725	96	130	19%	53%

COMPUTING DEVICES PER STUDENT

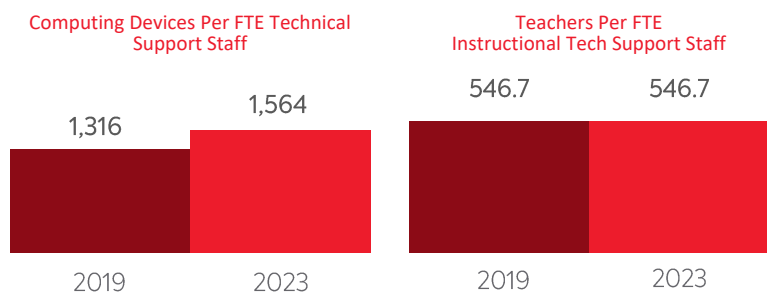


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



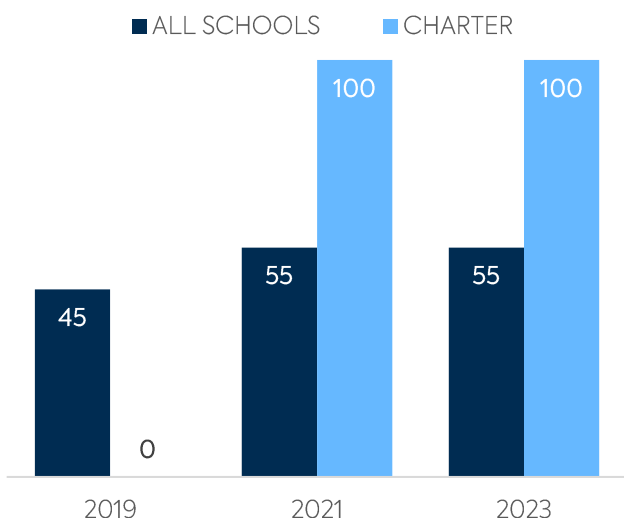
IGNITE ENTREPRENEURSHIP ACADEMY

CHARTER FACTS

ENROLLMENT.....	498
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

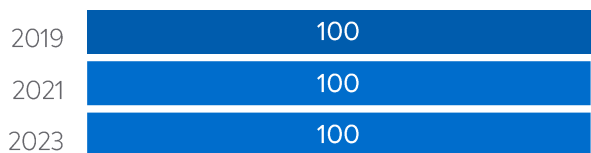
WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)

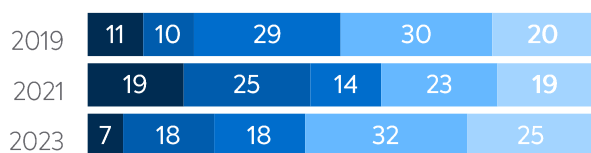


AGE OF WI-FI ACCESS POINTS (%)

Charter



All Schools

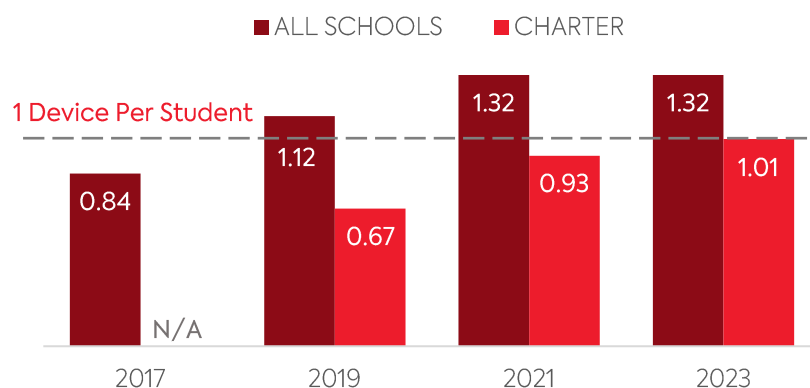


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	0	0	N/A	-46%
LAPTOPS WINDOWS OS	0	45	45	N/A	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	480	4	484	N/A	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	22	8	30	N/A	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	502	57	559	N/A	53%

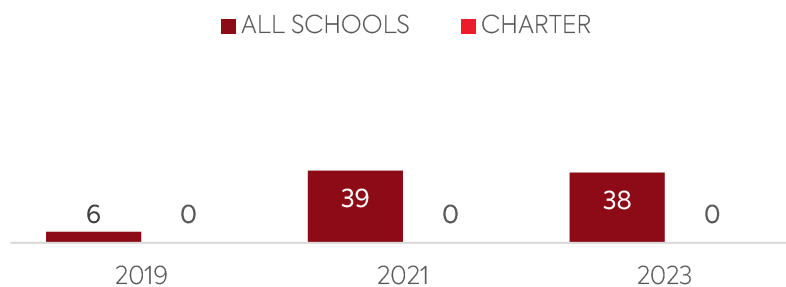
COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

Schools With 1:1 Programs

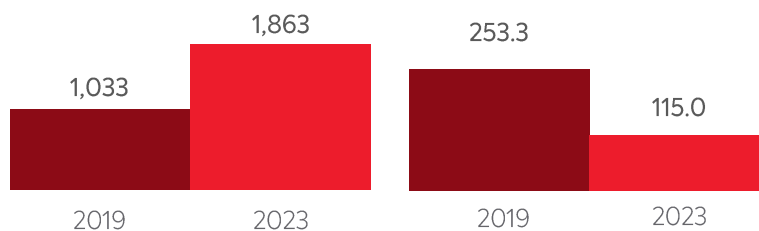
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



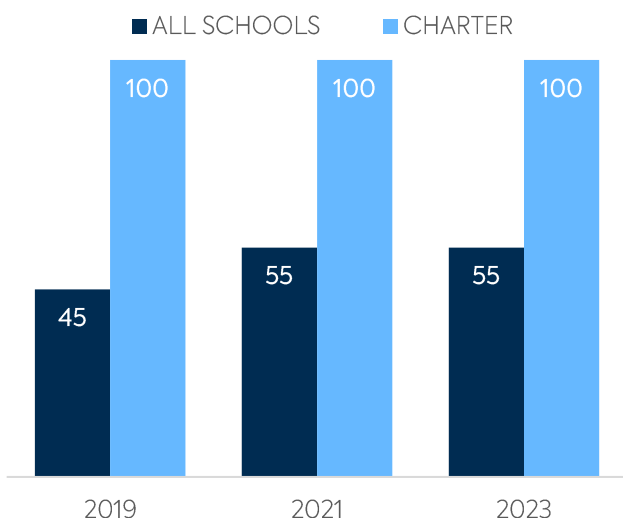
INTECH COLLEGIATE HIGH SCHOOL

CHARTER FACTS

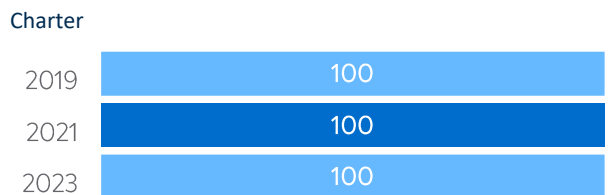
ENROLLMENT.....	199
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

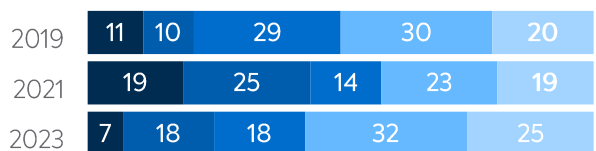
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

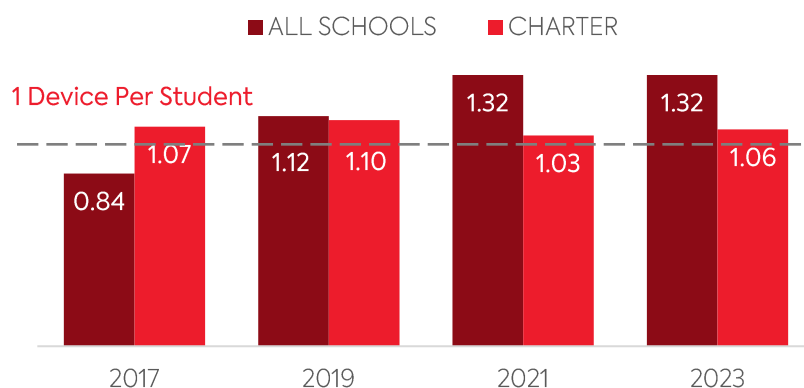


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

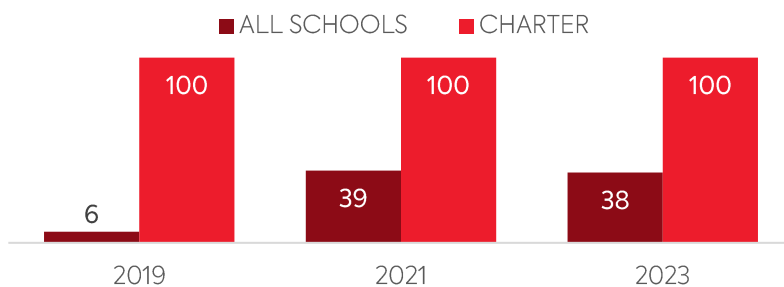
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	2	14	-6	-27%	-46%
LAPTOPS WINDOWS OS	205	21	33	17%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	0	1	0	0%	124%
TABLETS WINDOWS	1	1	-1	-33%	125%
TABLETS ANDROID	2	1	1	50%	-27%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	210	38	27	12%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

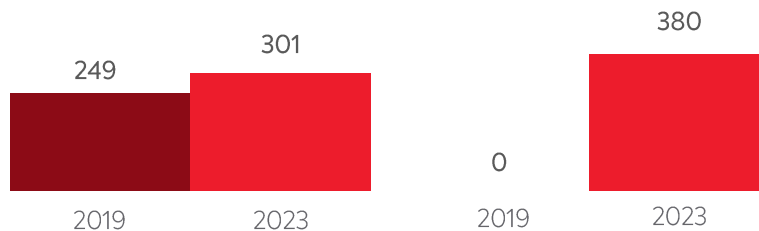
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



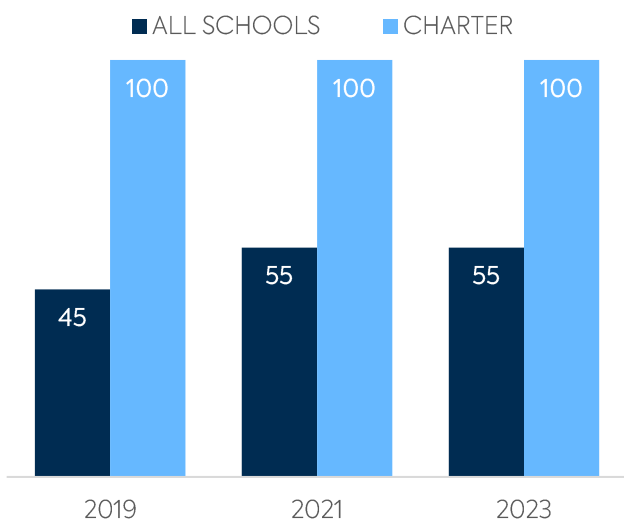
ITINERIS EARLY COLLEGE HIGH SCHOOL

CHARTER FACTS

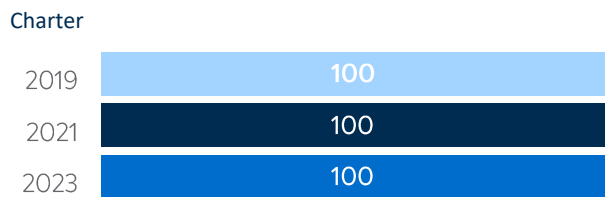
ENROLLMENT.....	380
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

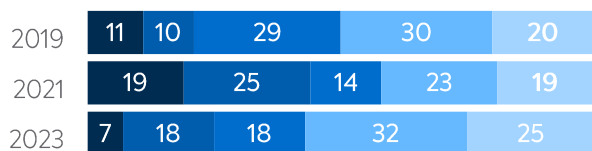
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

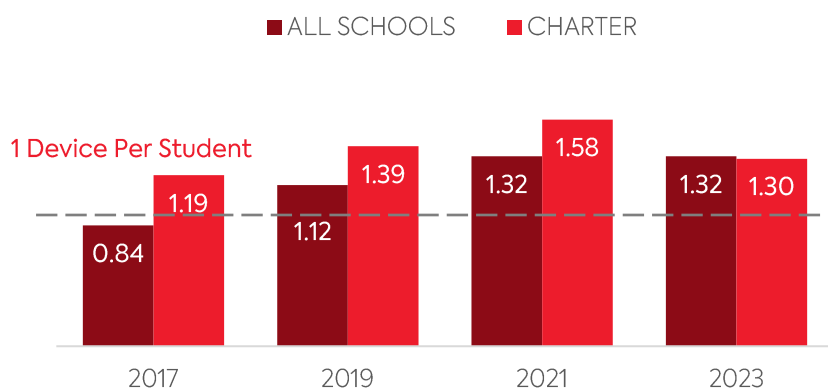


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

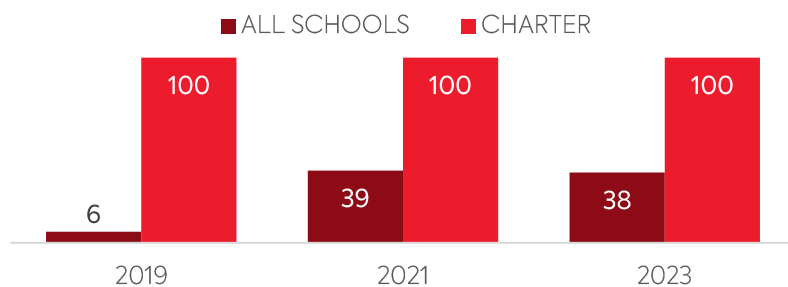
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	0	0	N/A	-46%
LAPTOPS WINDOWS OS	120	2	121	12,100%	99%
DESKTOPS MAC	0	2	-10	-83%	-43%
LAPTOPS MAC	0	22	3	16%	-3%
CHROMEBOOKS GOOGLE	375	0	-110	-23%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	0	12	0	0%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	495	38	4	1%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

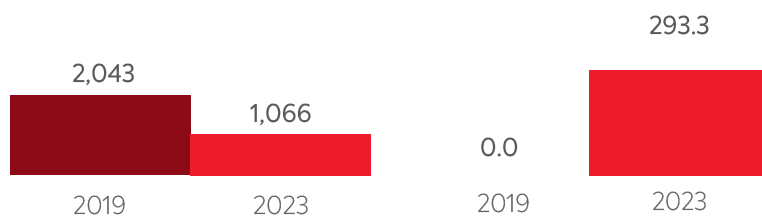
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



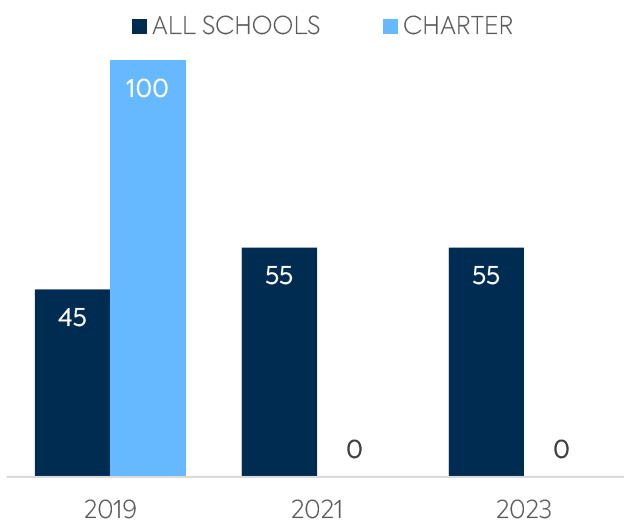
JEFFERSON ACADEMY

CHARTER FACTS

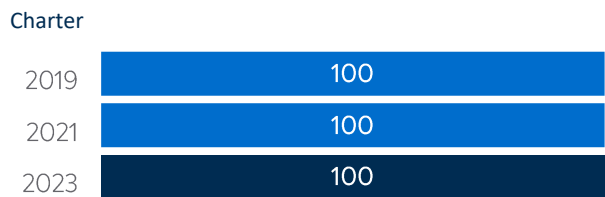
ENROLLMENT.....	620
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

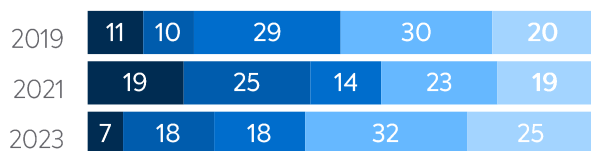
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

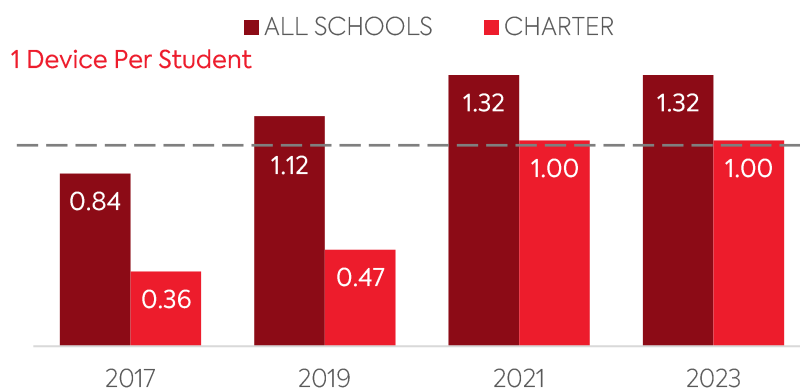


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

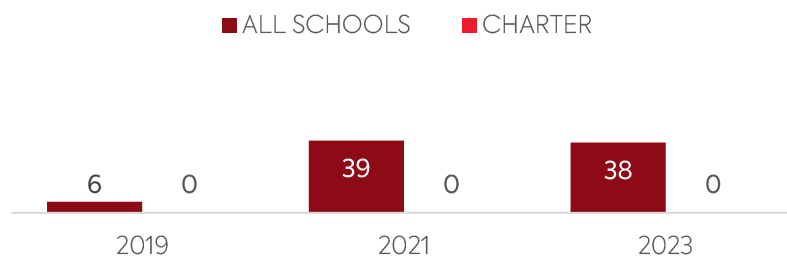
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	58	6	0	0%	-46%
LAPTOPS WINDOWS OS	3	8	0	0%	99%
DESKTOPS MAC	0	3	0	0%	-43%
LAPTOPS MAC	0	32	0	0%	-3%
CHROMEBOOKS GOOGLE	360	0	210	140%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	200	37	207	690%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	621	86	417	144%	53%

COMPUTING DEVICES PER STUDENT



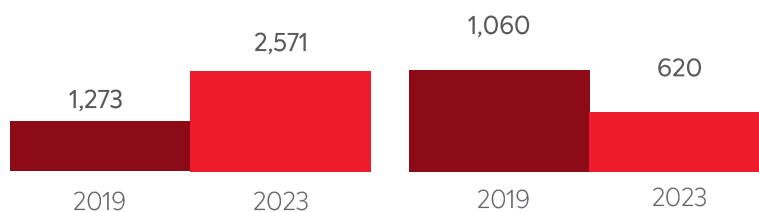
MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff Teachers Per FTE Instructional Tech Support Staff



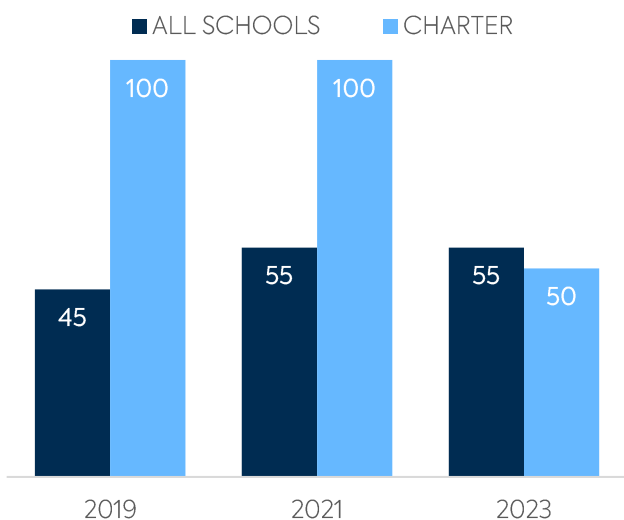
JOHN HANCOCK CHARTER SCHOOL

CHARTER FACTS

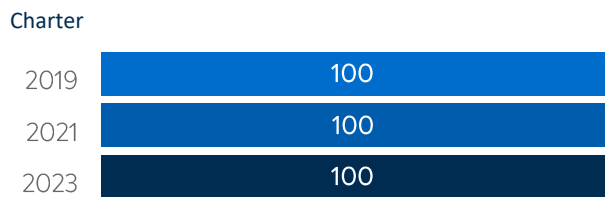
ENROLLMENT.....	945
NUMBER OF SCHOOLS.....	2
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

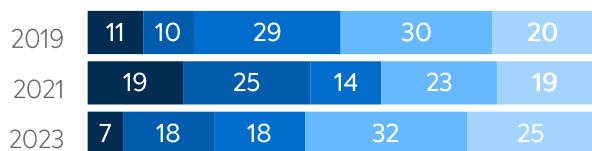
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

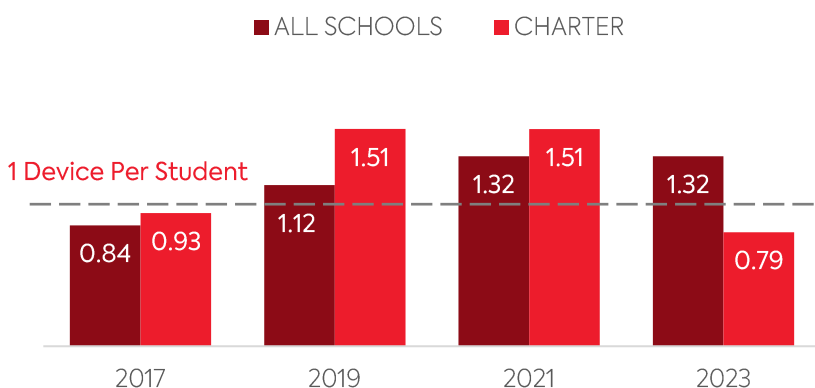


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	0	-1	-100%	-46%
LAPTOPS WINDOWS OS	0	4	3	300%	99%
DESKTOPS MAC	24	4	2	8%	-43%
LAPTOPS MAC	0	19	-29	-60%	-3%
CHROMEBOOKS GOOGLE	725	32	685	951%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	0	34	-26	-43%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	749	93	634	305%	53%

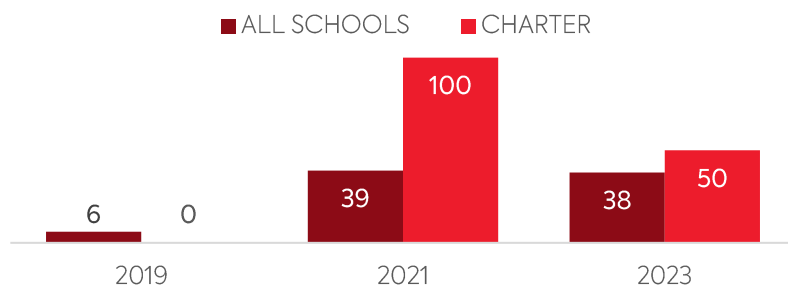
COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

Schools With 1:1 Programs

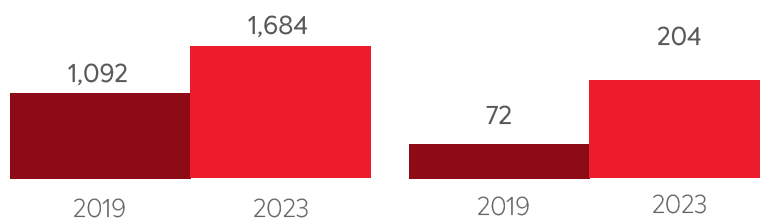
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



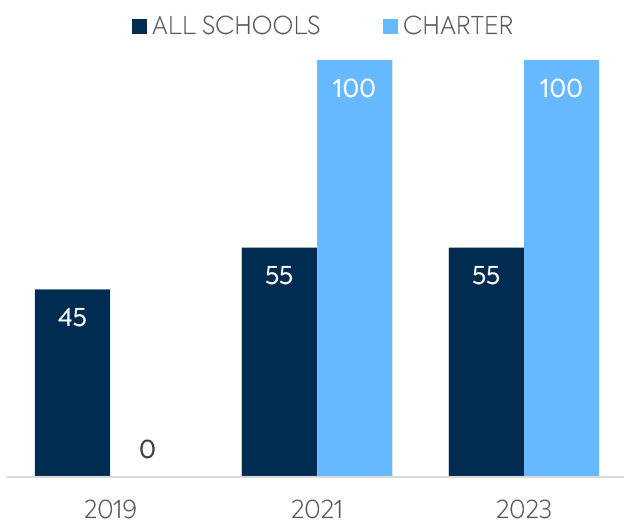
KARL G MAESER PREPARATORY ACADEMY

CHARTER FACTS

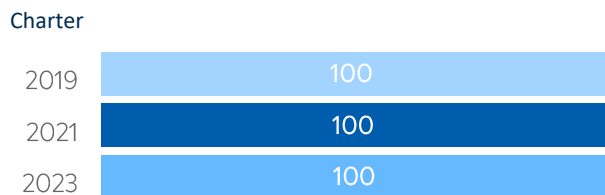
ENROLLMENT.....	635
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

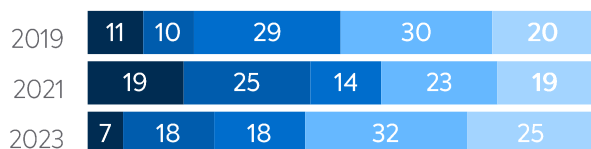
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

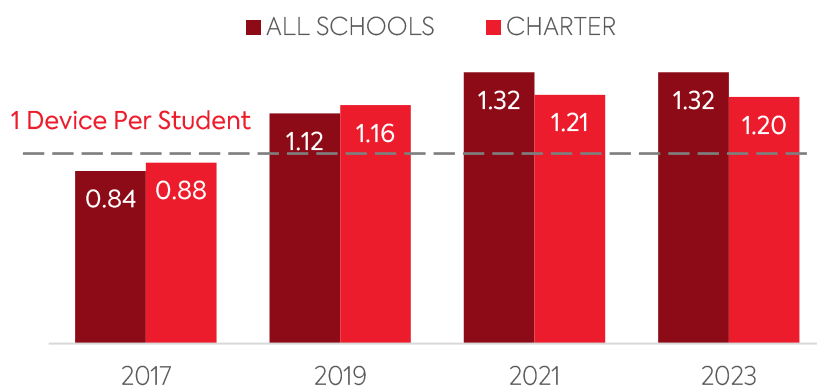


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	27	2	-1	-3%	-46%
LAPTOPS WINDOWS OS	0	60	-25	-29%	99%
DESKTOPS MAC	30	2	32	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	700	5	205	41%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	-2	-100%	-27%
TABLETS IOS	4	0	0	0%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	761	69	209	34%	53%

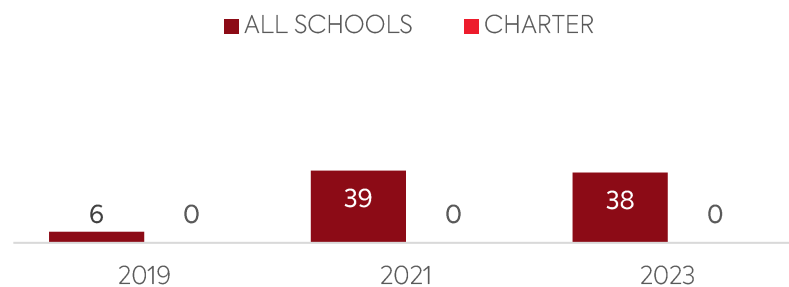
COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

Schools With 1:1 Programs

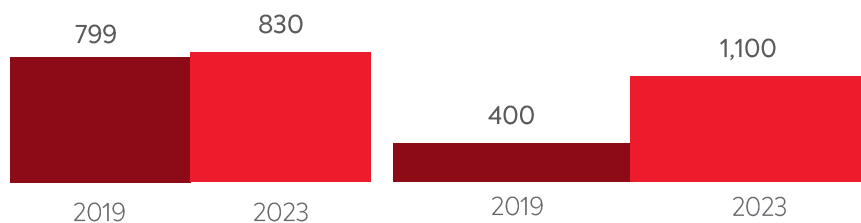
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



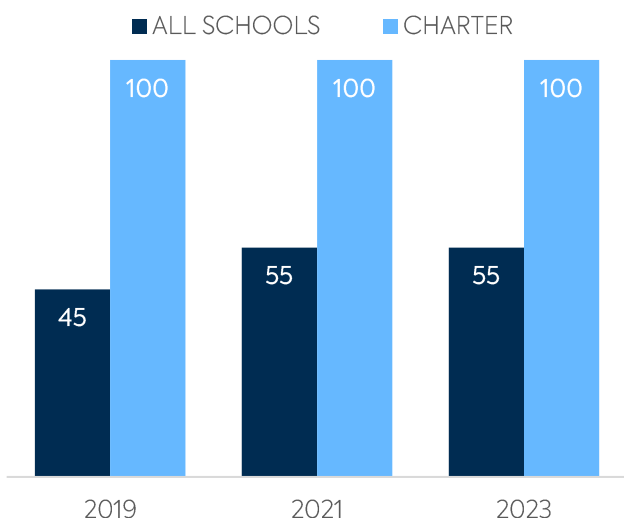
LAKEVIEW ACADEMY

CHARTER FACTS

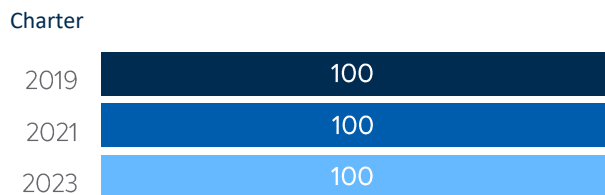
ENROLLMENT.....	1,000
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

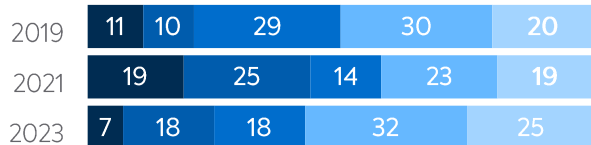
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

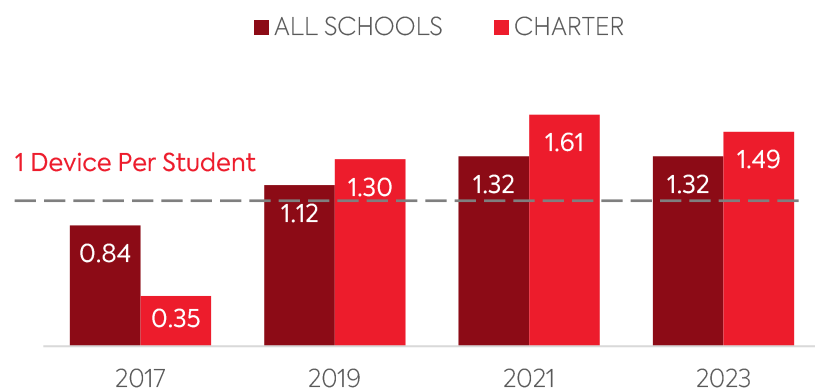


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

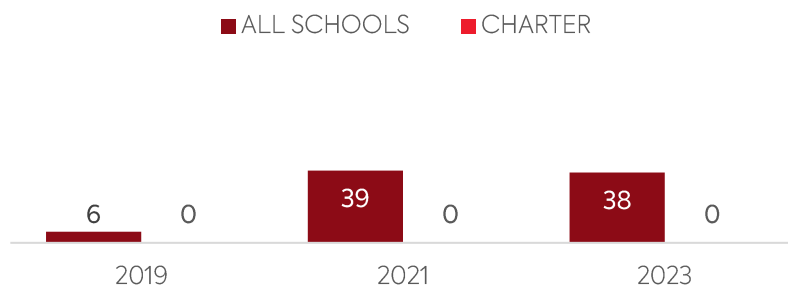
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	50	20	0	0%	-46%
LAPTOPS WINDOWS OS	40	100	40	40%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	1,200	20	1,020	510%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	150	50	150	300%	-27%
TABLETS IOS	50	10	-290	-83%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	1,490	200	920	120%	53%

COMPUTING DEVICES PER STUDENT

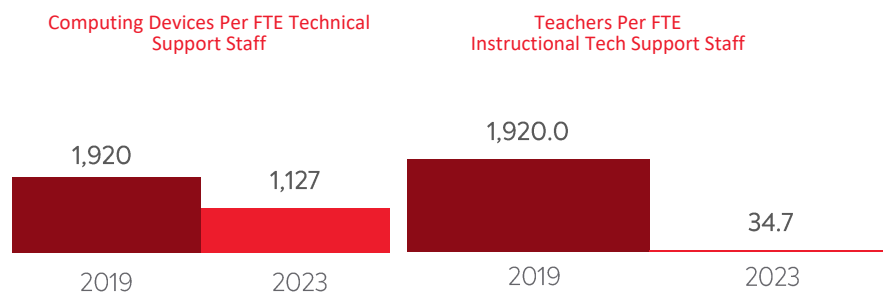


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



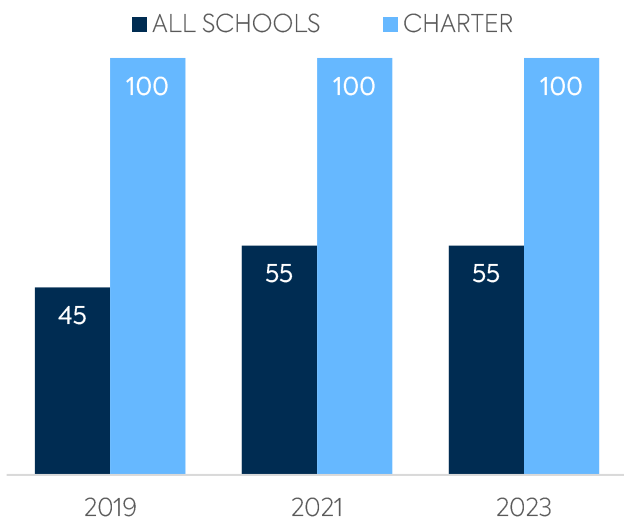
LEADERSHIP ACADEMY OF UTAH

CHARTER FACTS

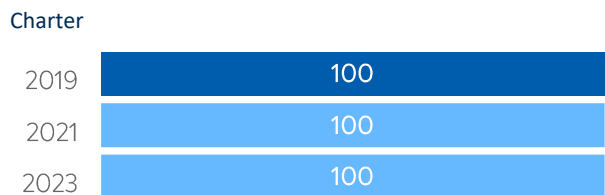
ENROLLMENT.....	503
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	100%

WI-FI NETWORK COVERAGE

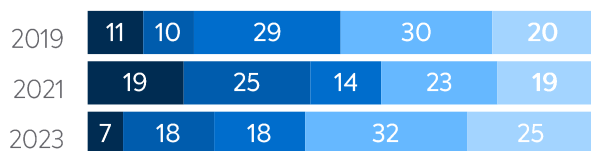
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

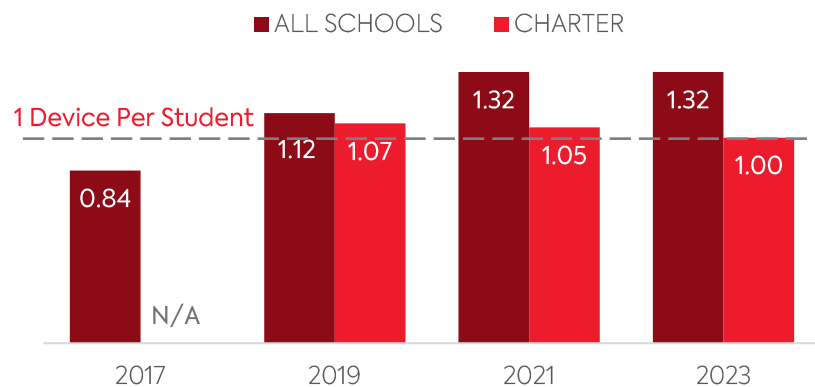


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

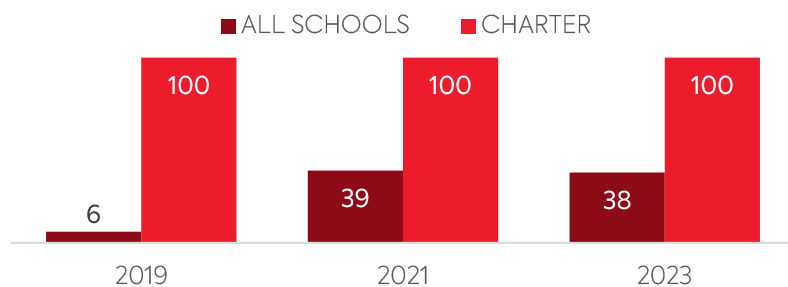
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	1	1	N/A	-46%
LAPTOPS WINDOWS OS	270	20	290	N/A	99%
DESKTOPS MAC	0	5	5	N/A	-43%
LAPTOPS MAC	0	5	5	N/A	-3%
CHROMEBOOKS GOOGLE	233	5	238	N/A	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	3	3	N/A	-27%
TABLETS IOS	0	1	1	N/A	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	503	40	543	N/A	53%

COMPUTING DEVICES PER STUDENT

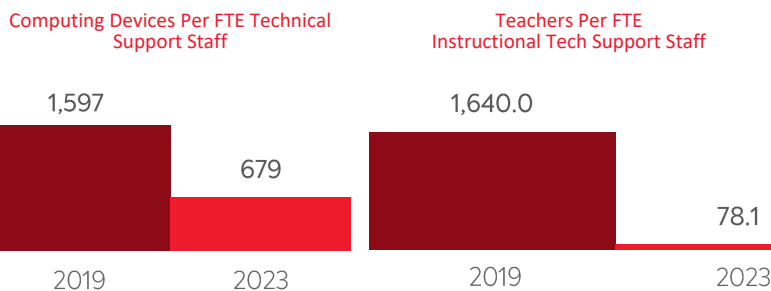


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



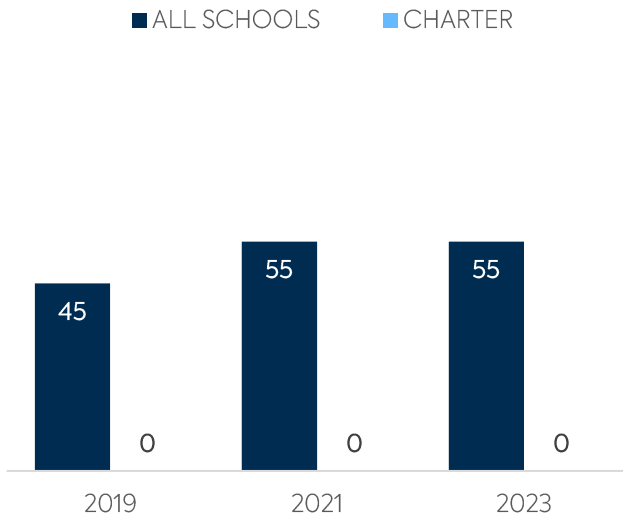
LEADERSHIP LEARNING ACADEMY

CHARTER FACTS

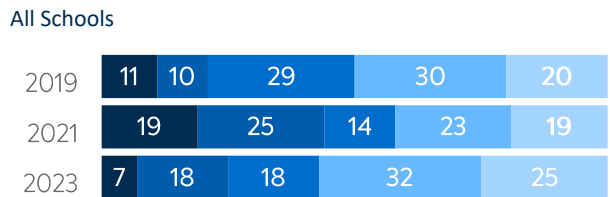
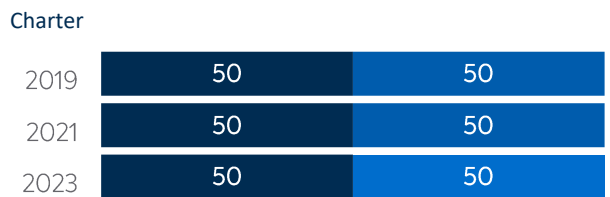
ENROLLMENT.....	879
NUMBER OF SCHOOLS.....	2
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	5%

WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)

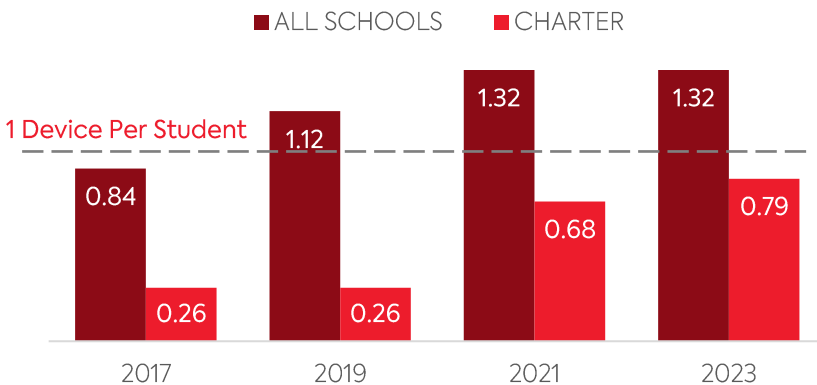


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

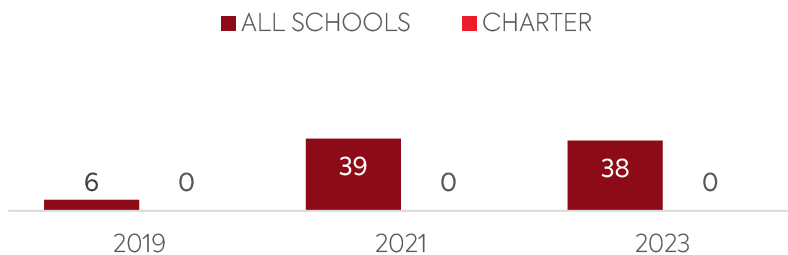
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	1	0	0%	-46%
LAPTOPS WINDOWS OS	230	52	0	0%	99%
DESKTOPS MAC	2	0	2	N/A	-43%
LAPTOPS MAC	0	3	3	N/A	-3%
CHROMEBOOKS GOOGLE	242	0	242	N/A	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	220	36	238	1,322%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	694	92	485	161%	53%

COMPUTING DEVICES PER STUDENT

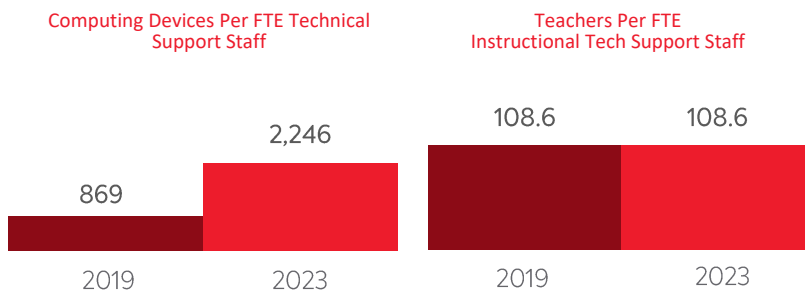


MOBILE DEPLOYMENT

Schools With 1:1 Programs Where Students Can Take Devices Home (%)



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



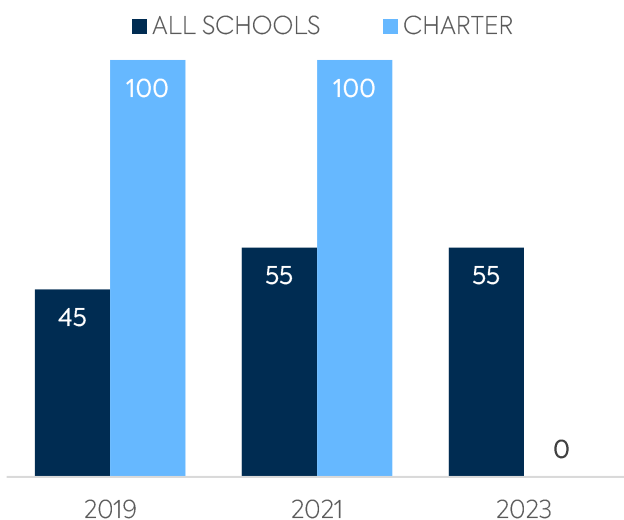
LEGACY PREPARATORY ACADEMY

CHARTER FACTS

ENROLLMENT.....	988
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 NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)

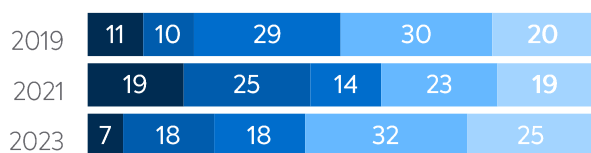


AGE OF WI-FI ACCESS POINTS (%)

Charter



All Schools

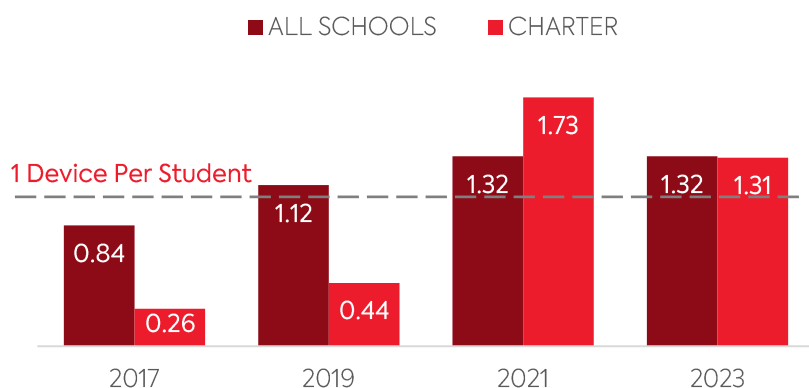


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

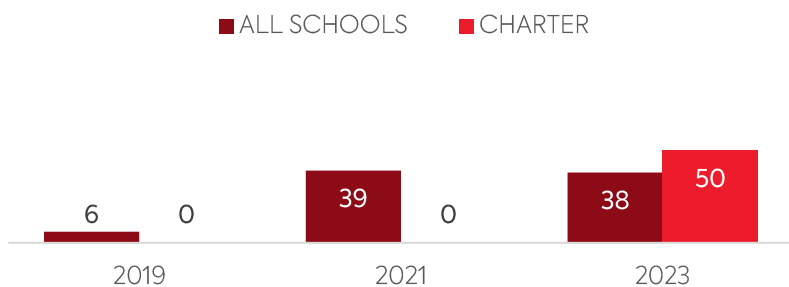
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	1	7	-129	-94%	-46%
LAPTOPS WINDOWS OS	40	105	103	245%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	1,200	0	1,020	567%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	50	30	62	344%	-27%
TABLETS IOS	3	2	-28	-85%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	1,294	144	1,028	251%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

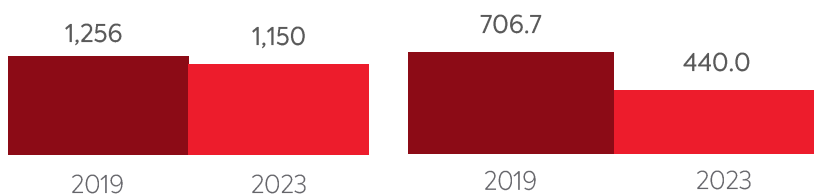
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



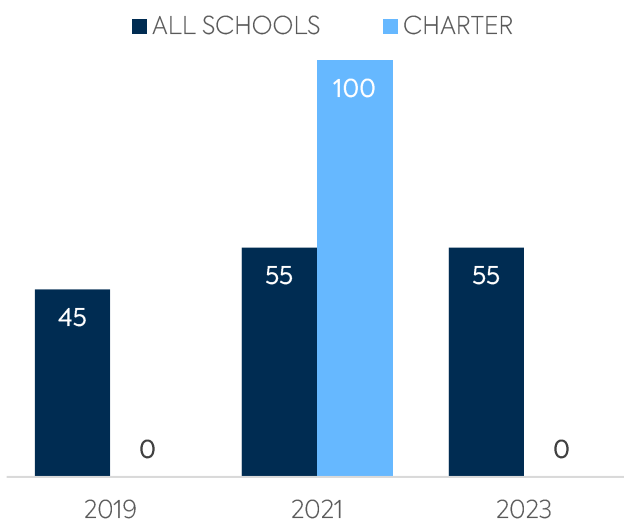
LINCOLN ACADEMY

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%

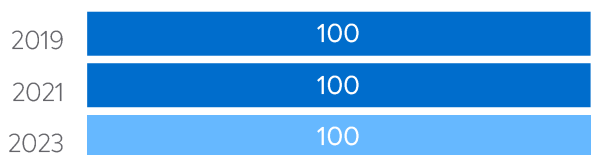
WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)

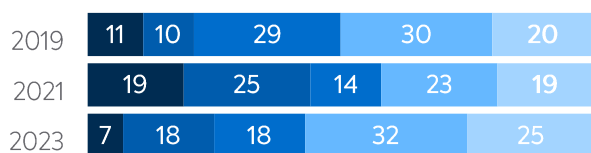


AGE OF WI-FI ACCESS POINTS (%)

Charter



All Schools

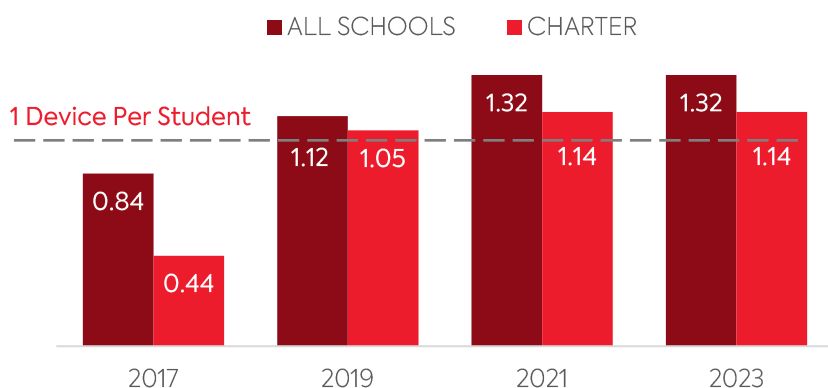


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

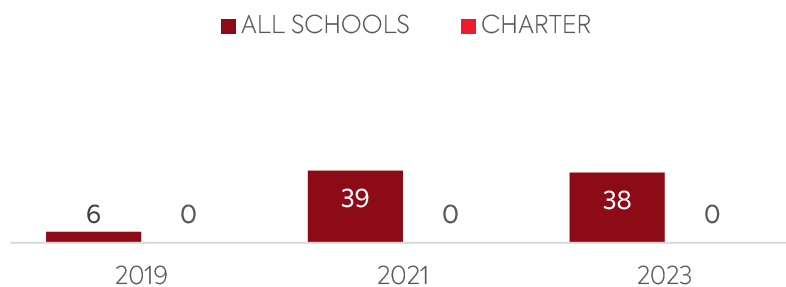
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	2	2	N/A	-46%
LAPTOPS WINDOWS OS	0	4	2	100%	99%
DESKTOPS MAC	105	4	-21	-16%	-43%
LAPTOPS MAC	0	55	-28	-34%	-3%
CHROMEBOOKS GOOGLE	732	28	550	262%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	-3	-100%	-27%
TABLETS IOS	195	15	92	78%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	1,032	108	594	109%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

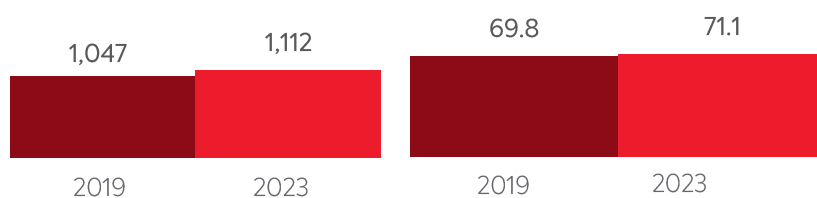
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



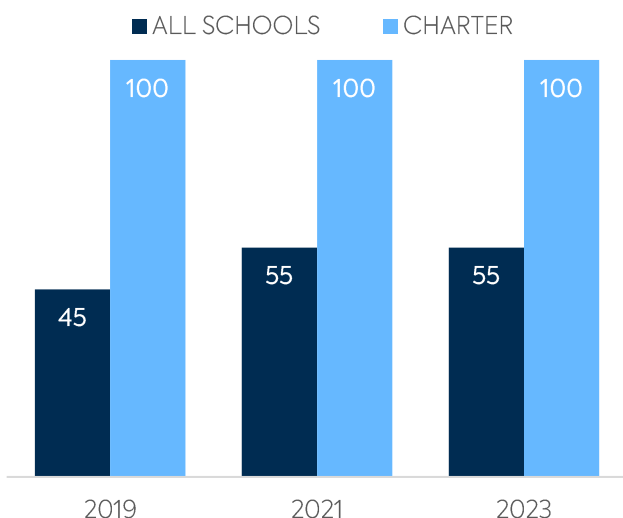
LUMEN SCHOLAR

CHARTER FACTS

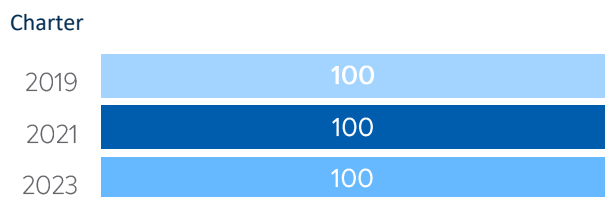
ENROLLMENT.....	476
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

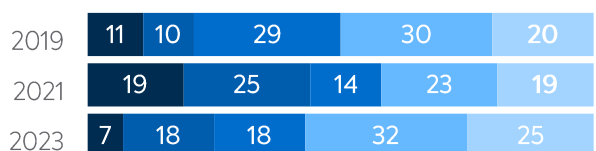
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

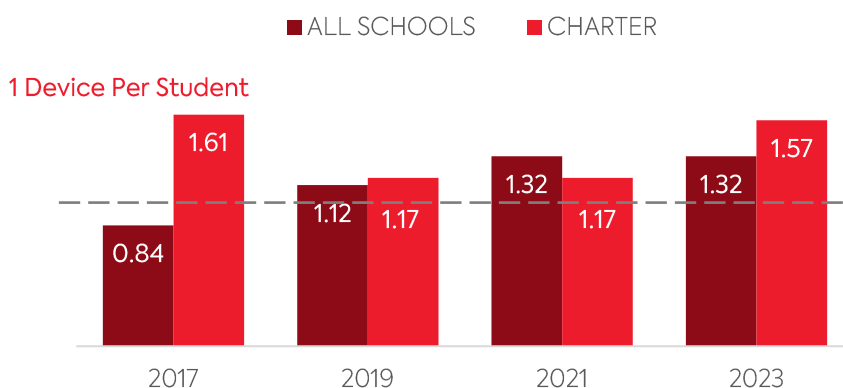


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

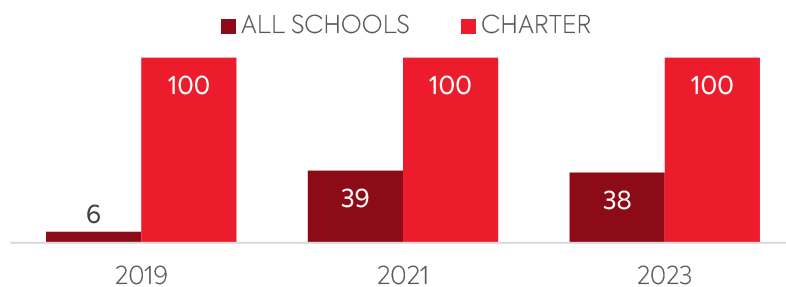
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	51	21	70%	-46%
LAPTOPS WINDOWS OS	130	10	-285	-67%	99%
DESKTOPS MAC	0	0	-31	-100%	-43%
LAPTOPS MAC	0	2	-57	-97%	-3%
CHROMEBOOKS GOOGLE	204	0	4	2%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	411	40	292	184%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	745	103	-56	-6%	53%

COMPUTING DEVICES PER STUDENT

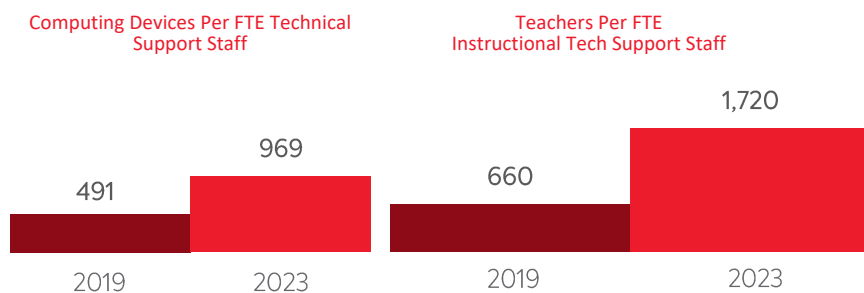


MOBILE DEPLOYMENT

Schools With 1:1 Programs Where Students Can Take Devices Home (%)



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



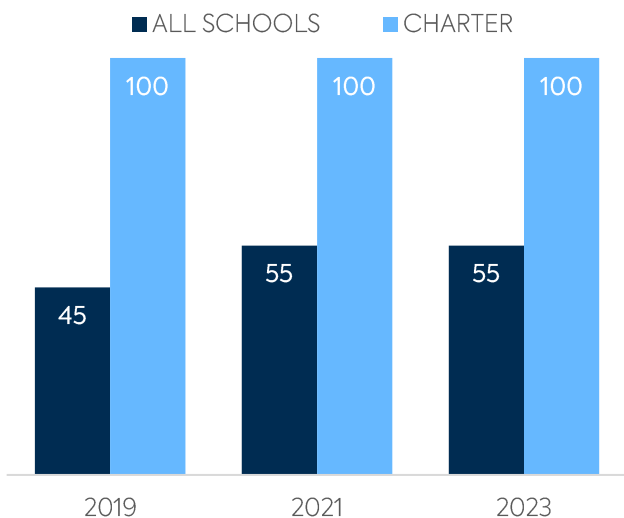
MANA ACADEMY CHARTER SCHOOL

CHARTER FACTS

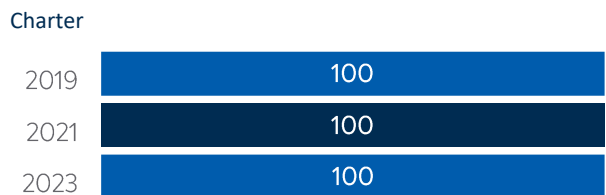
ENROLLMENT.....	360
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

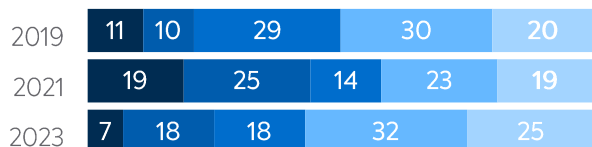
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

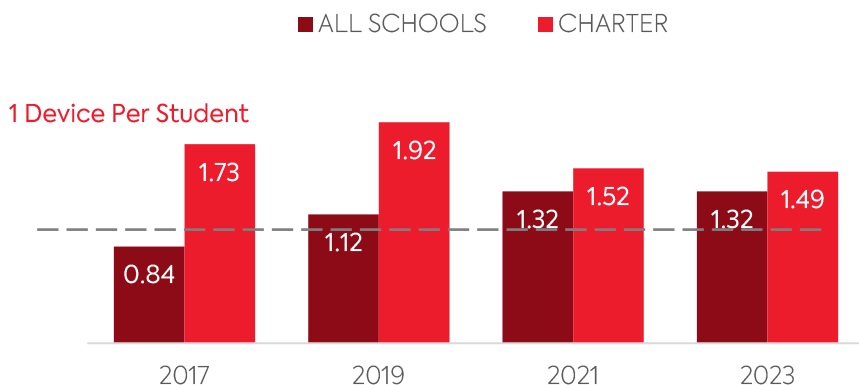


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

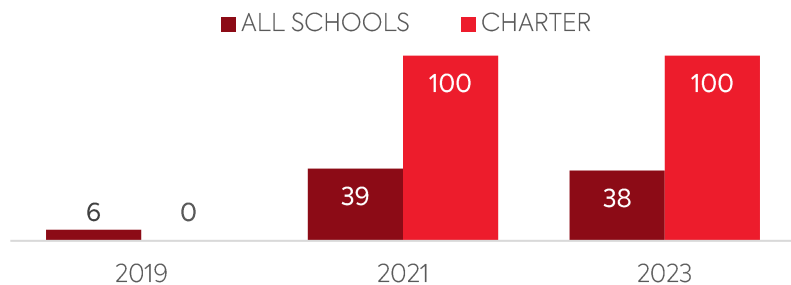
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	5	8	0	0%	-46%
LAPTOPS WINDOWS OS	0	40	30	300%	99%
DESKTOPS MAC	0	1	0	0%	-43%
LAPTOPS MAC	0	2	0	0%	-3%
CHROMEBOOKS GOOGLE	520	5	140	36%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	7	0	0	0%	-27%
TABLETS IOS	5	0	0	0%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	537	56	170	40%	53%

COMPUTING DEVICES PER STUDENT

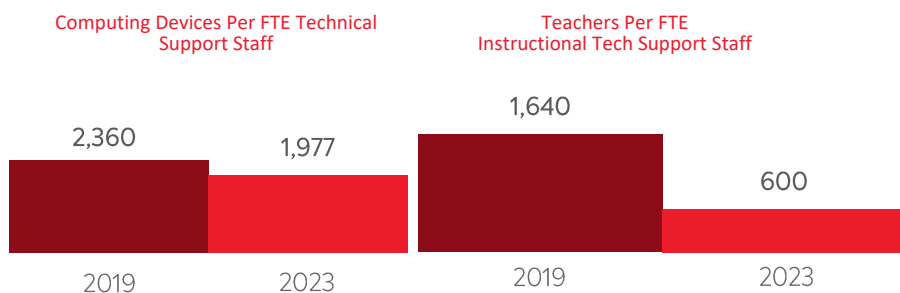


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



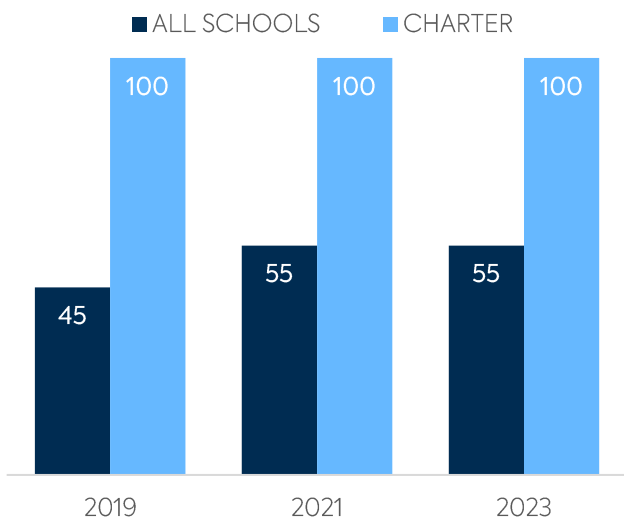
MARIA MONTESSORI ACADEMY

CHARTER FACTS

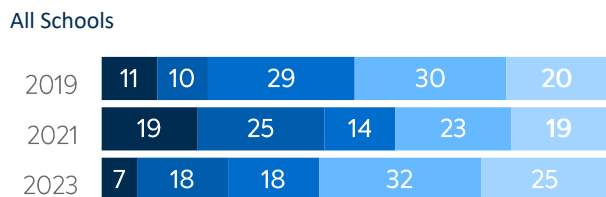
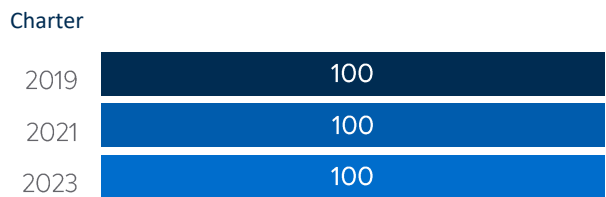
ENROLLMENT.....	407
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)

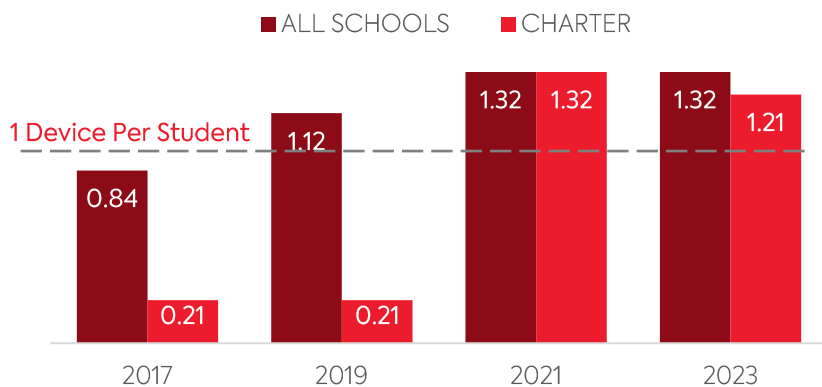


■ Less Than 1 Yr. Old ■ 1 Year Old
■ 2 Years Old ■ 3 Years Old
■ 4+ Years Old ■ Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

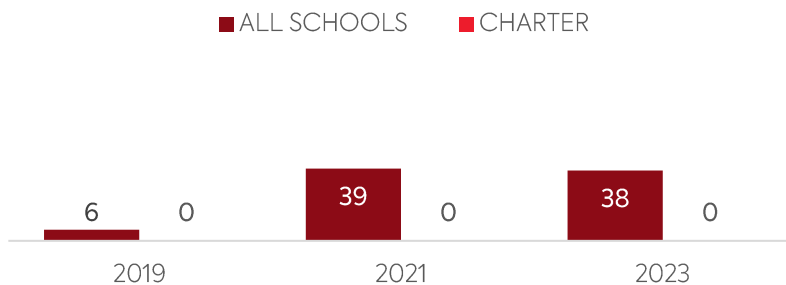
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	25	2	0	0%	-46%
LAPTOPS WINDOWS OS	78	50	0	0%	99%
DESKTOPS MAC	30	1	0	0%	-43%
LAPTOPS MAC	0	5	0	0%	-3%
CHROMEBOOKS GOOGLE	350	0	350	N/A	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	10	18	6	27%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	493	76	356	167%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

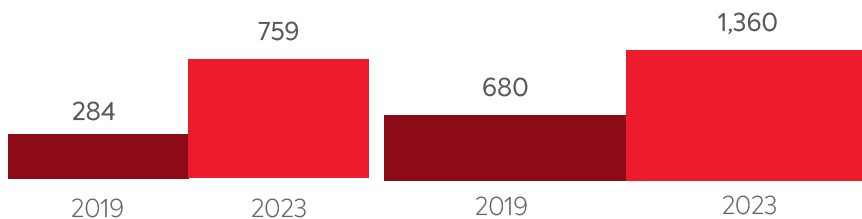
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



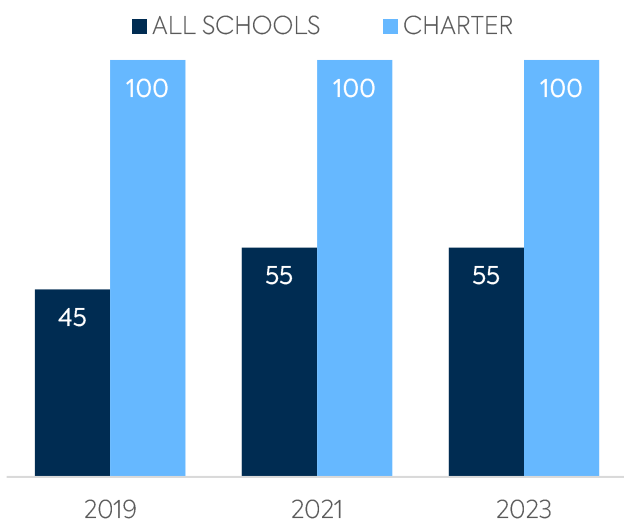
MERIT COLLEGE PREPARATORY ACADEMY

CHARTER FACTS

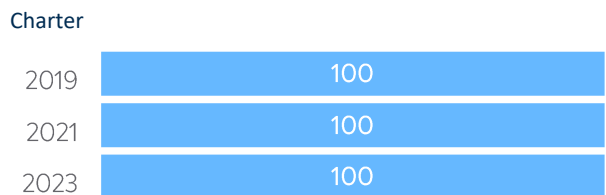
ENROLLMENT.....	477
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

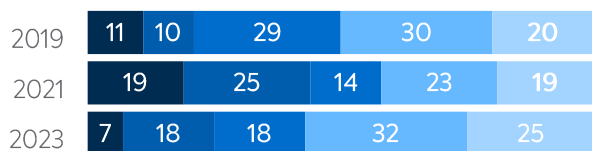
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

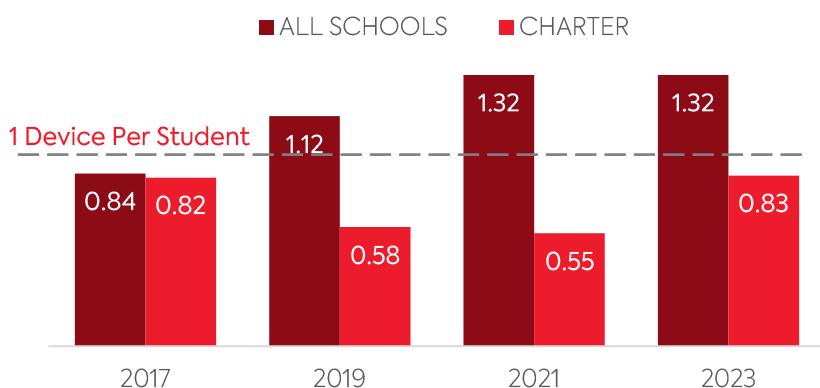


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

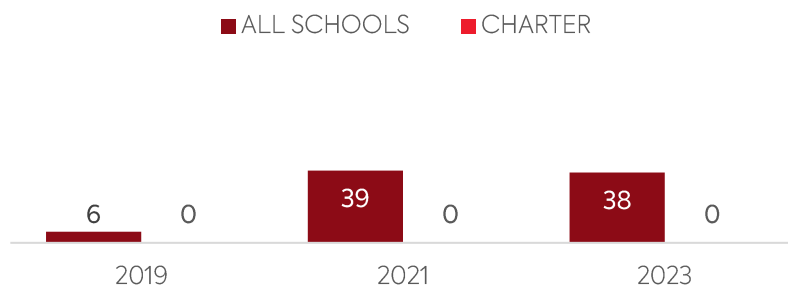
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	60	6	5	8%	-46%
LAPTOPS WINDOWS OS	0	40	11	38%	99%
DESKTOPS MAC	0	0	-1	-100%	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	329	0	129	65%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	5	0	0	0%	-27%
TABLETS IOS	0	0	-75	-100%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	394	46	69	19%	53%

COMPUTING DEVICES PER STUDENT

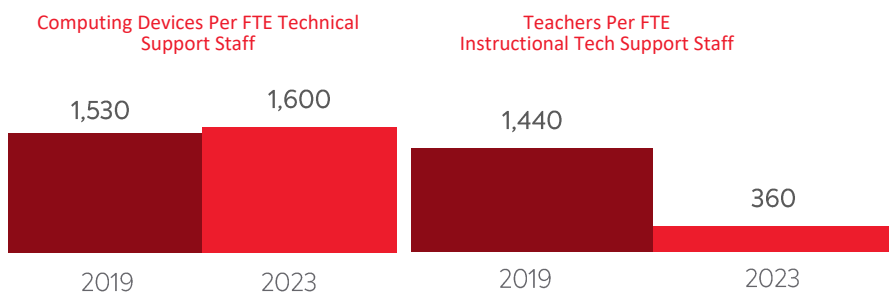


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



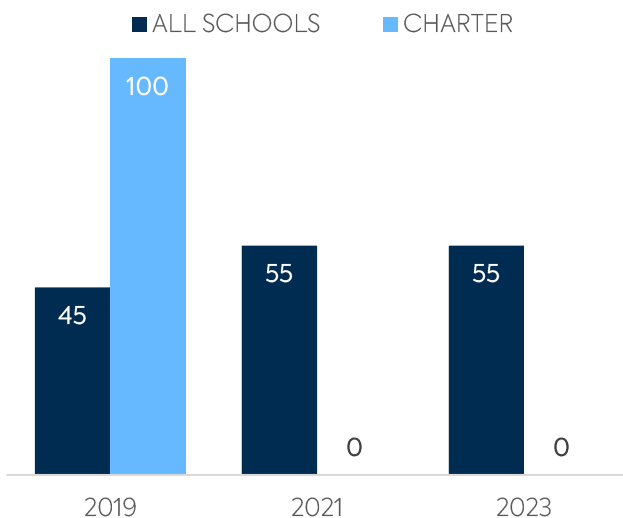
MOAB CHARTER SCHOOL

CHARTER FACTS

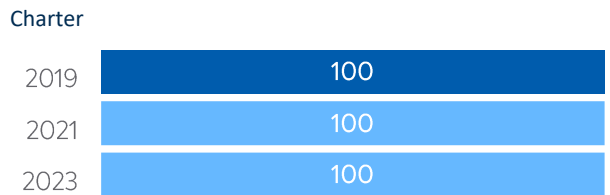
ENROLLMENT.....	78
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

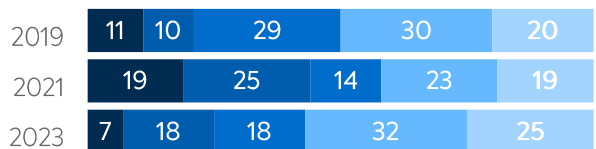
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

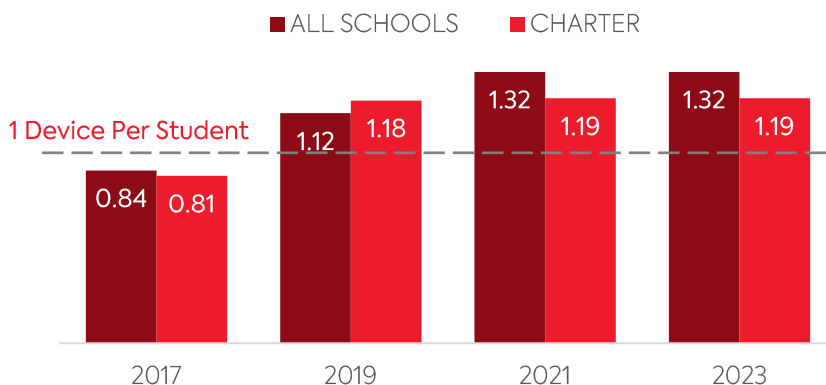


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

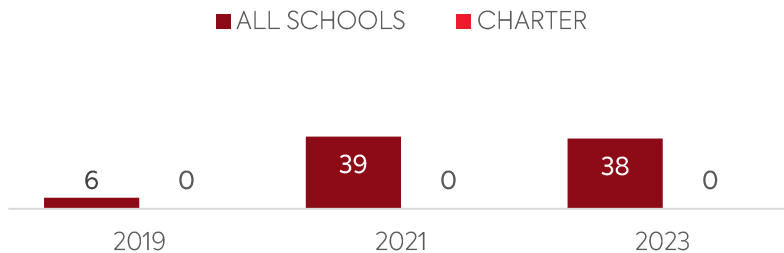
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	3	-38	-93%	-46%
LAPTOPS WINDOWS OS	0	12	-13	-52%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	2	0	0%	-3%
CHROMEBOOKS GOOGLE	64	0	39	156%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	14	10	19	380%	21%
OTHER DEVICES	15	0	5	50%	-90%
ALL COMPUTING DEVICES	93	27	12	11%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

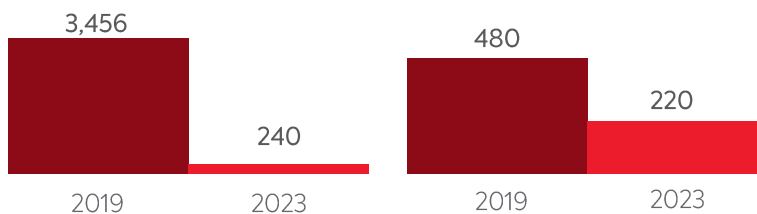
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



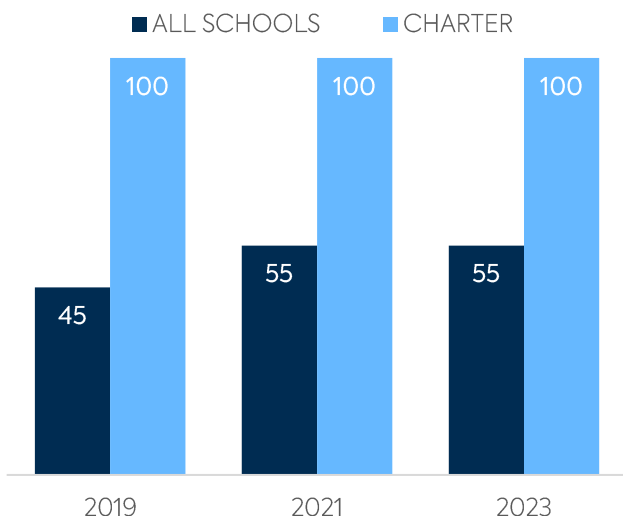
MONTICELLO ACADEMY

CHARTER FACTS

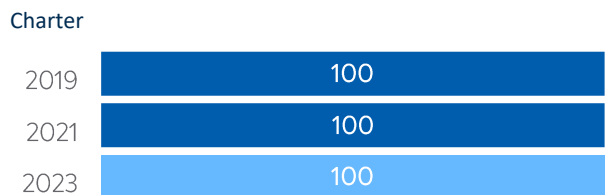
ENROLLMENT.....	1,113
NUMBER OF SCHOOLS.....	2
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

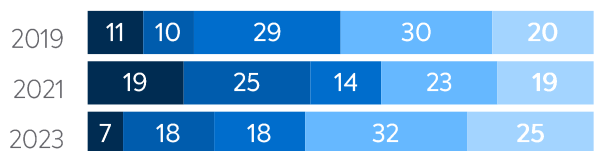
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

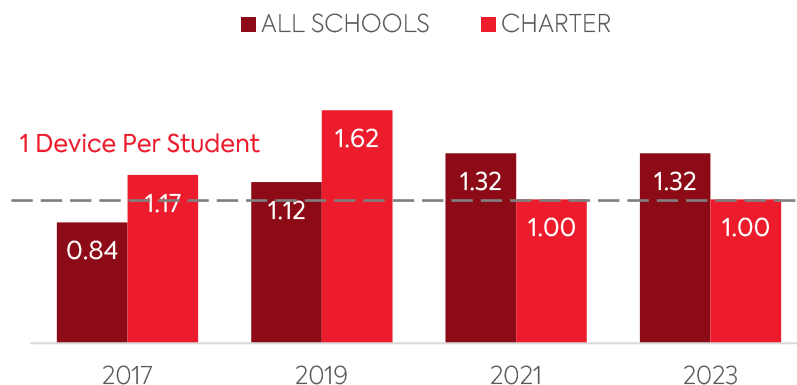


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

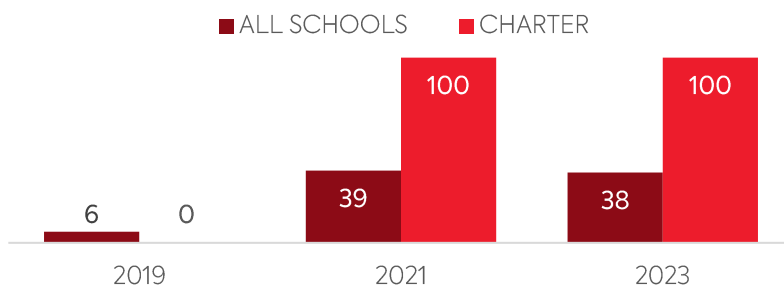
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	2	-78	-98%	-46%
LAPTOPS WINDOWS OS	0	65	5	8%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	1	0	0%	-3%
CHROMEBOOKS GOOGLE	1,113	30	513	81%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	-80	-100%	-27%
TABLETS IOS	0	0	-155	-100%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	1,113	98	205	20%	53%

COMPUTING DEVICES PER STUDENT

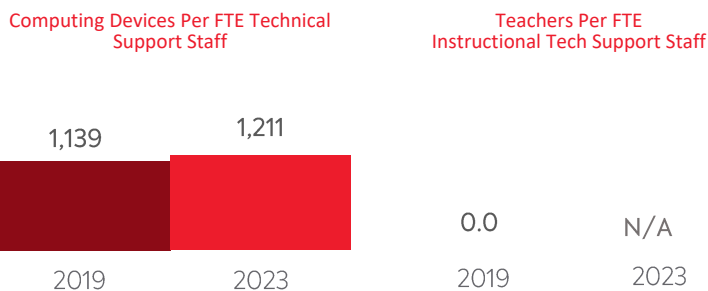


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



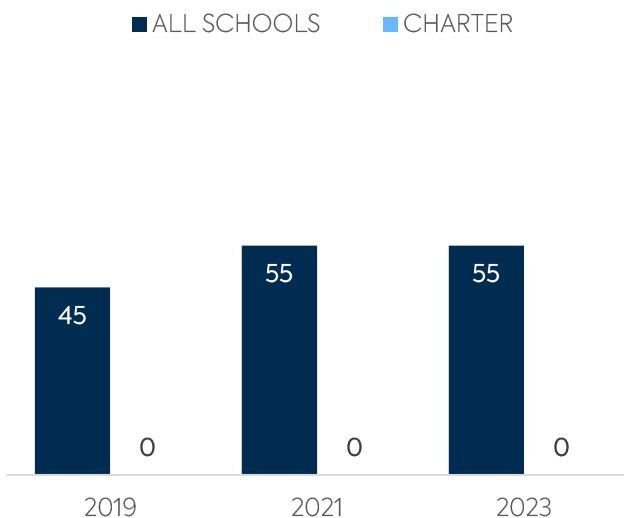
MOUNTAIN HEIGHTS ACADEMY

CHARTER FACTS

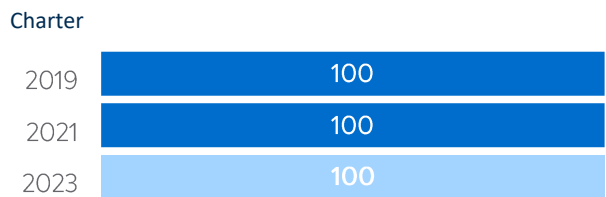
ENROLLMENT.....	923
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

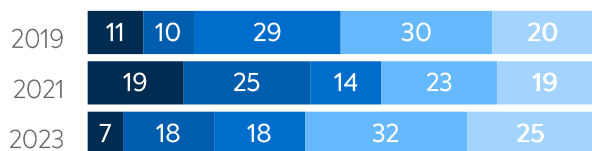
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

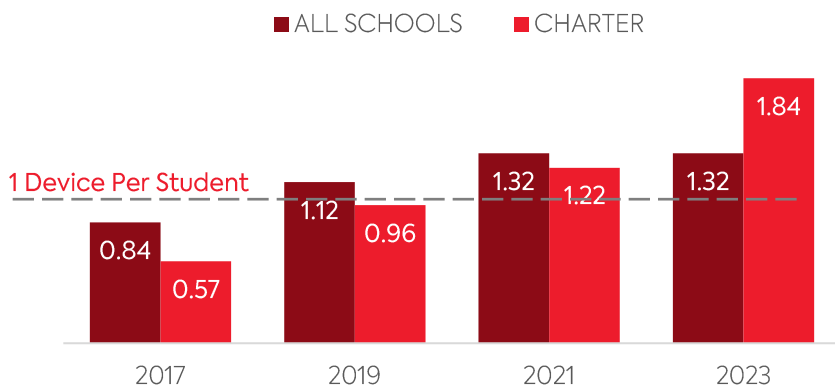


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

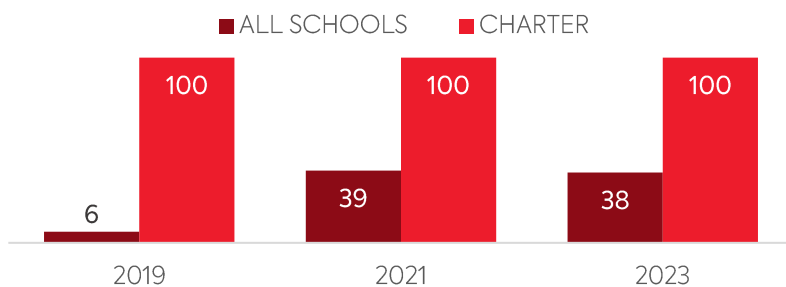
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	14	9	180%	-46%
LAPTOPS WINDOWS OS	0	0	-440	-100%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	3	-2	-40%	-3%
CHROMEBOOKS GOOGLE	1,700	110	1,765	3,922%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	1,700	127	1,332	269%	53%

COMPUTING DEVICES PER STUDENT

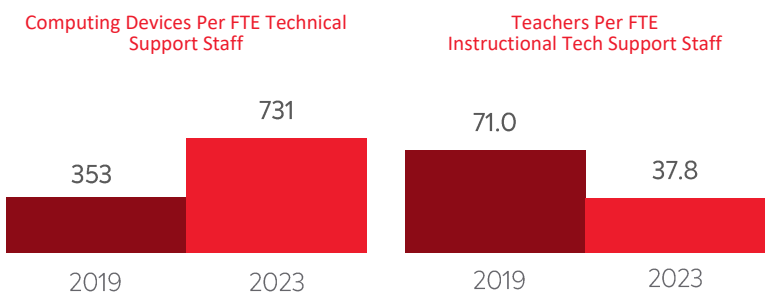


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



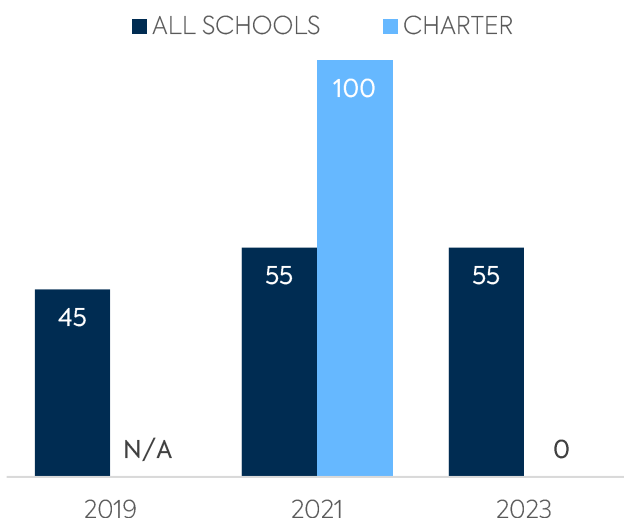
MOUNTAIN SUNRISE ACADEMY

CHARTER FACTS

ENROLLMENT.....	475
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

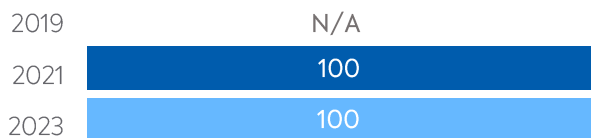
WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)

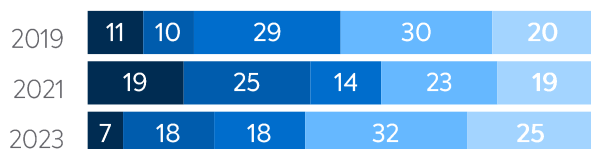


AGE OF WI-FI ACCESS POINTS (%)

Charter



All Schools

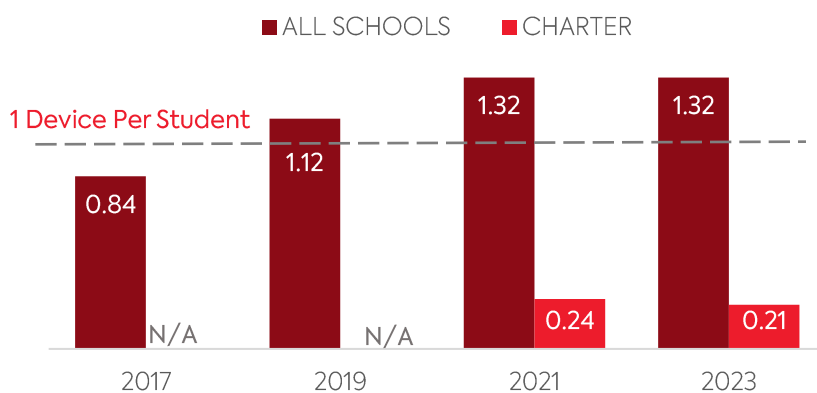


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	1	1	N/A	-46%
LAPTOPS WINDOWS OS	0	25	25	N/A	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	100	20	120	N/A	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	2	2	4	N/A	-27%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	102	48	150	N/A	53%

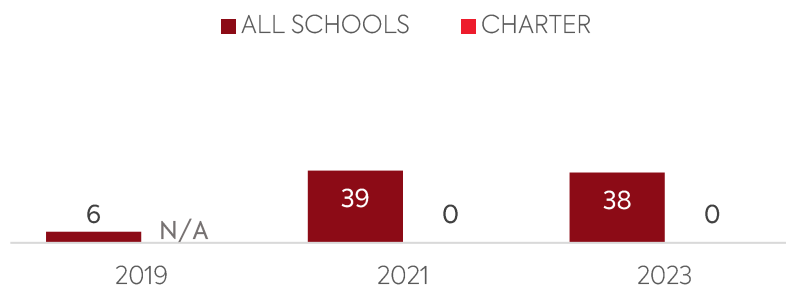
COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

Schools With 1:1 Programs

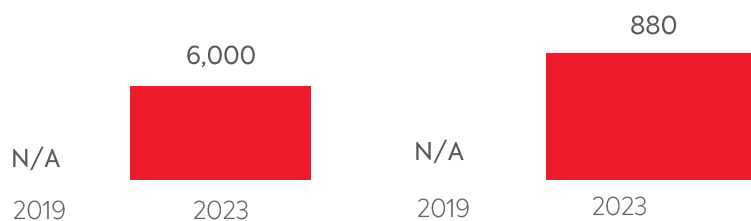
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



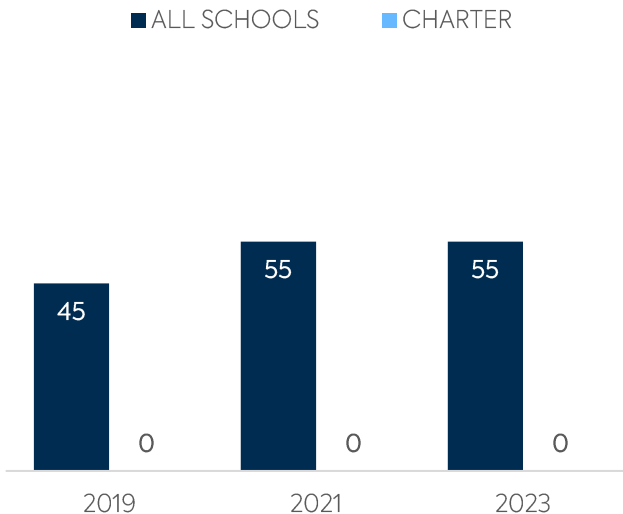
MOUNTAIN VIEW MONTESSORI

CHARTER FACTS

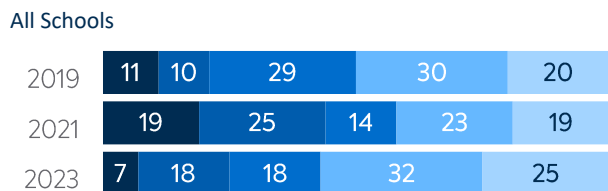
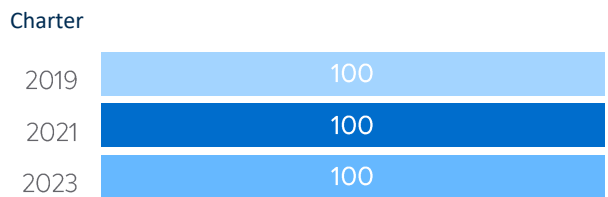
ENROLLMENT.....	218
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)

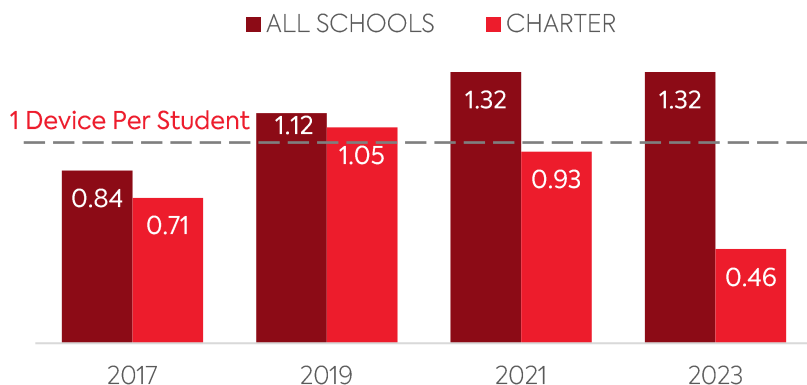


■ Less Than 1 Yr. Old ■ 1 Year Old
■ 2 Years Old ■ 3 Years Old
■ 4+ Years Old ■ Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

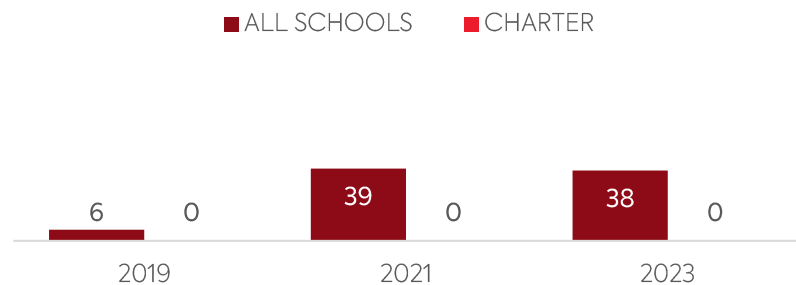
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	14	0	0%	-46%
LAPTOPS WINDOWS OS	0	10	6	150%	99%
DESKTOPS MAC	0	0	-1	-100%	-43%
LAPTOPS MAC	0	0	-1	-100%	-3%
CHROMEBOOKS GOOGLE	100	5	-162	-61%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	-42	-100%	-27%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	100	29	-200	-61%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

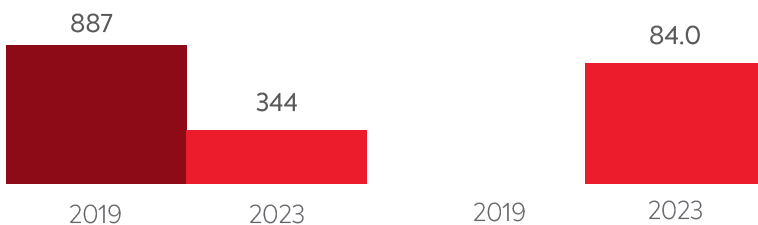
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



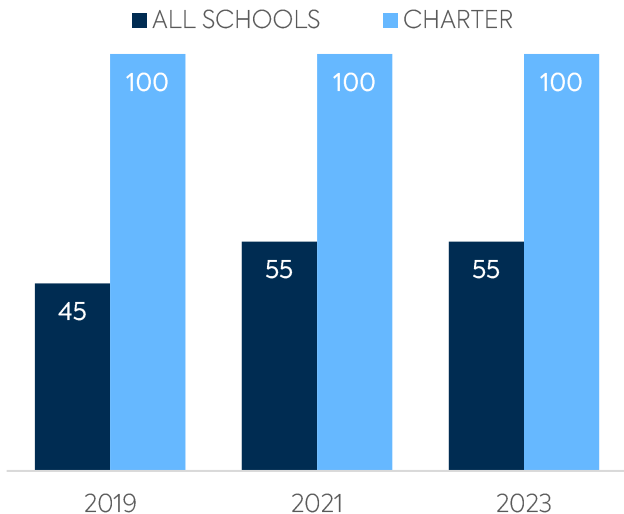
MOUNTAIN WEST MONTESSORI ACADEMY

CHARTER FACTS

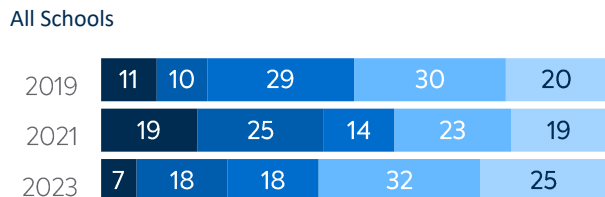
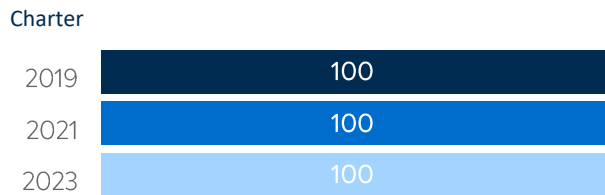
ENROLLMENT.....	463
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)

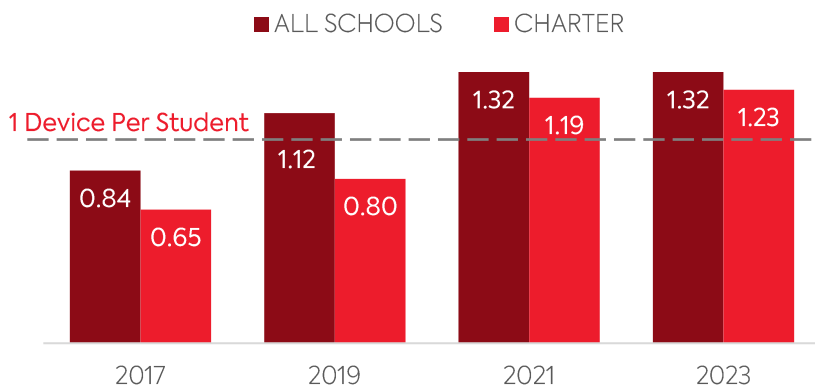


■ Less Than 1 Yr. Old ■ 1 Year Old
■ 2 Years Old ■ 3 Years Old
■ 4+ Years Old ■ Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

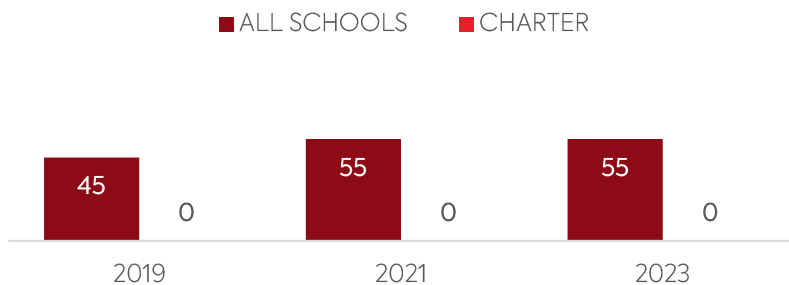
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	20	0	0	0%	-46%
LAPTOPS WINDOWS OS	30	33	0	0%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	508	0	236	87%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	13	28	13	46%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	571	61	249	65%	53%

COMPUTING DEVICES PER STUDENT

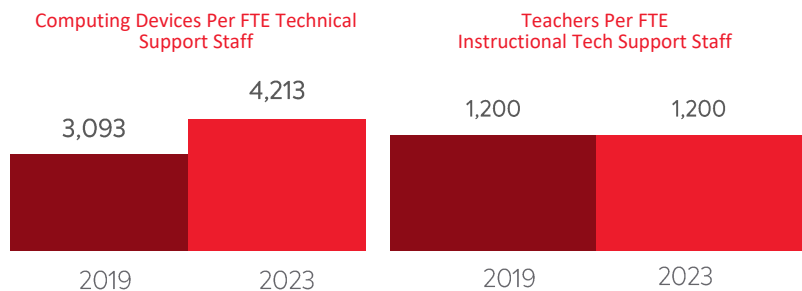


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



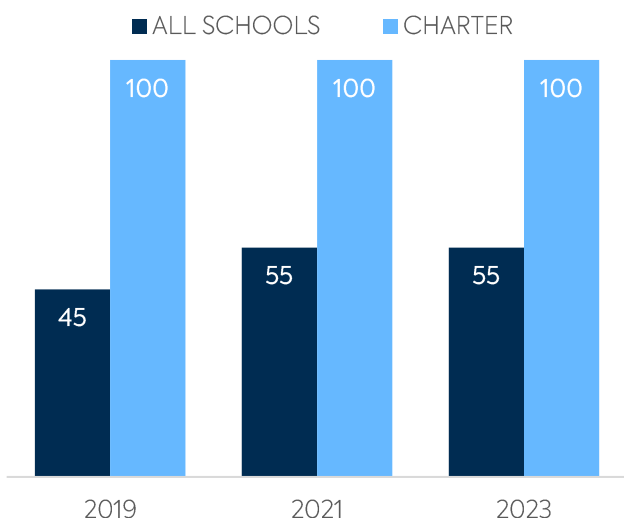
MOUNTAINVILLE ACADEMY

CHARTER FACTS

ENROLLMENT.....	650
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)

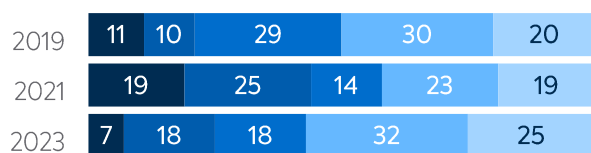


AGE OF WI-FI ACCESS POINTS (%)

Charter



All Schools

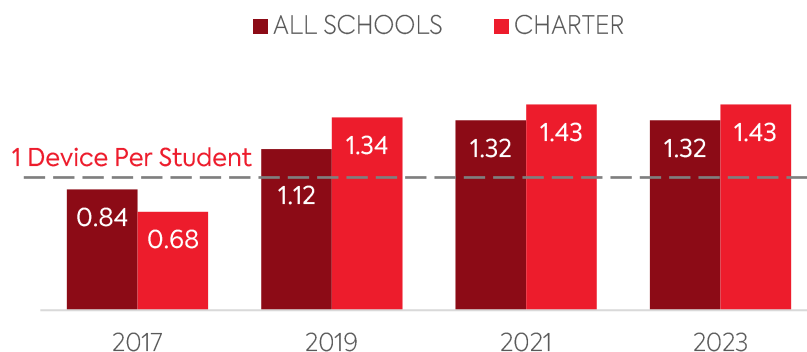


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

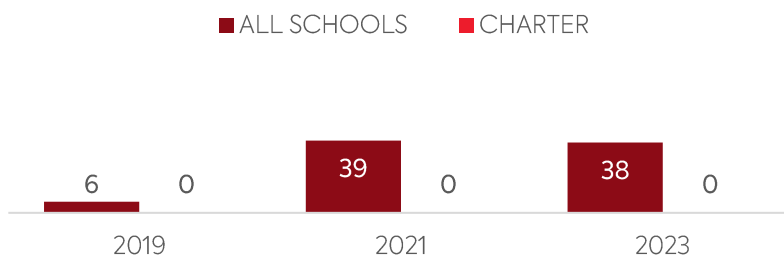
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	30	5	-55	-61%	-46%
LAPTOPS WINDOWS OS	50	60	20	22%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	780	20	410	105%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	70	60	72	124%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	930	145	447	71%	53%

COMPUTING DEVICES PER STUDENT



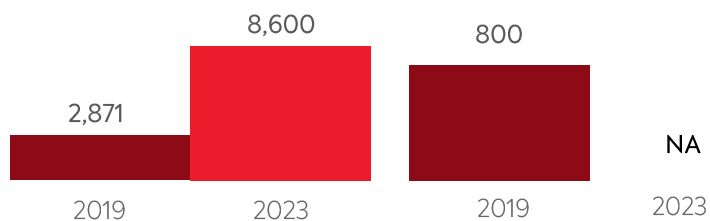
MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff Teachers Per FTE Instructional Tech Support Staff



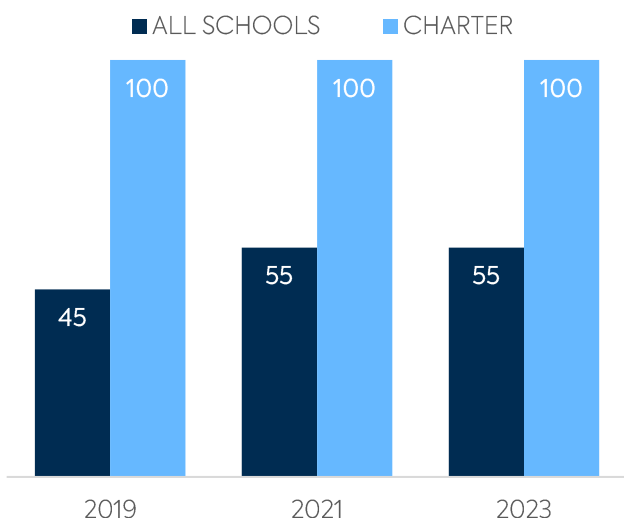
NAVIGATOR POINTE ACADEMY

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%

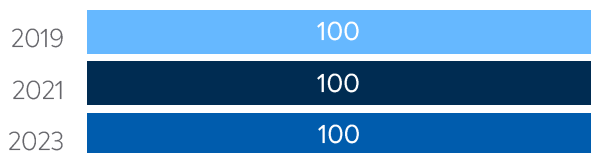
WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)

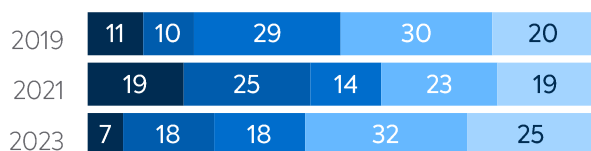


AGE OF WI-FI ACCESS POINTS (%)

Charter



All Schools

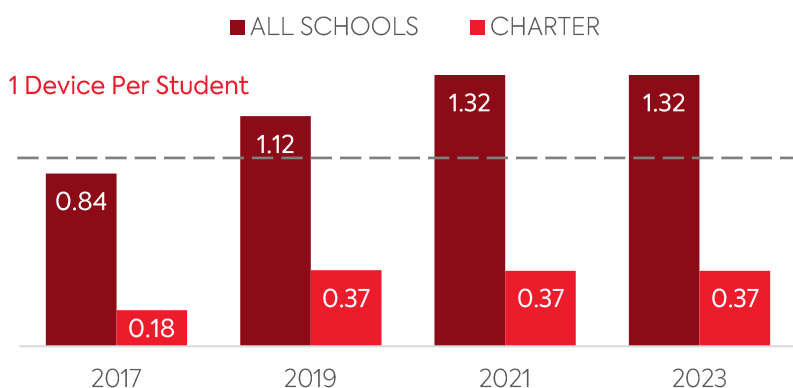


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

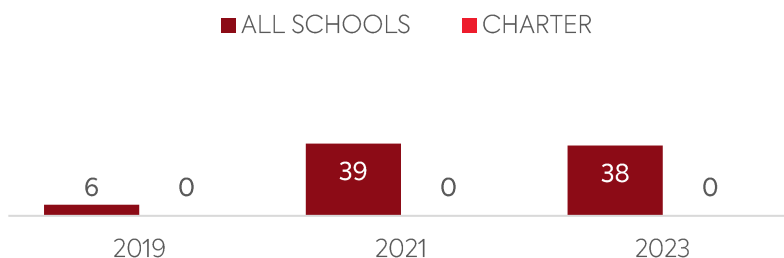
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	1	-3	-75%	-46%
LAPTOPS WINDOWS OS	134	47	56	45%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	1	0	0%	-3%
CHROMEBOOKS GOOGLE	32	0	32	N/A	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	1	2	1	50%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	167	51	86	65%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

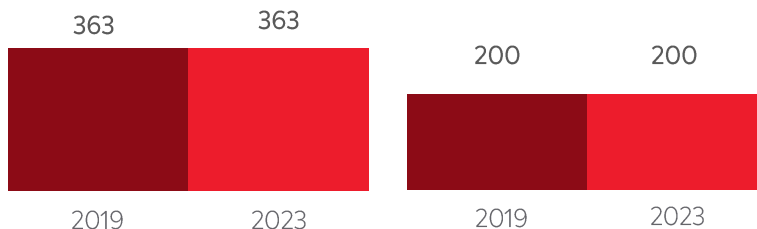
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



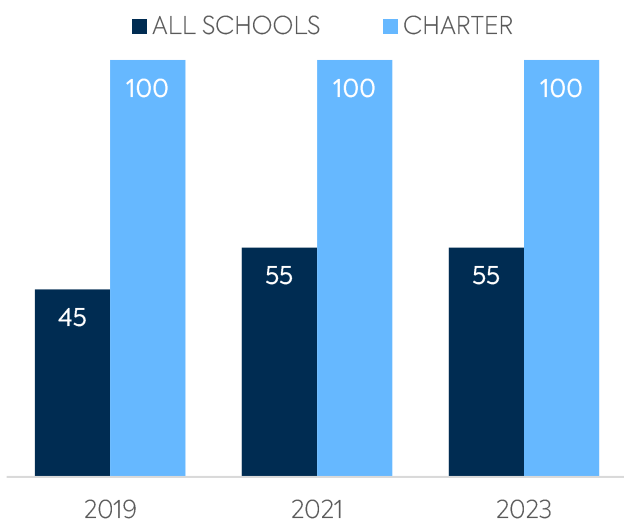
NOAH WEBSTER ACADEMY

CHARTER FACTS

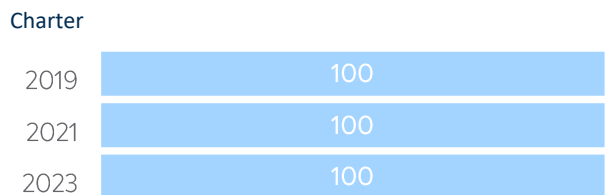
ENROLLMENT.....	534
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

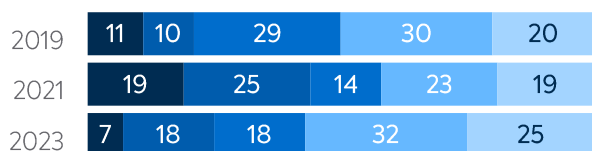
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

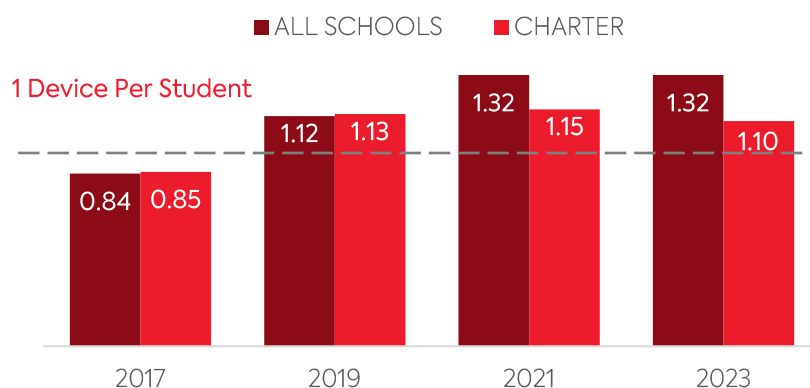


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

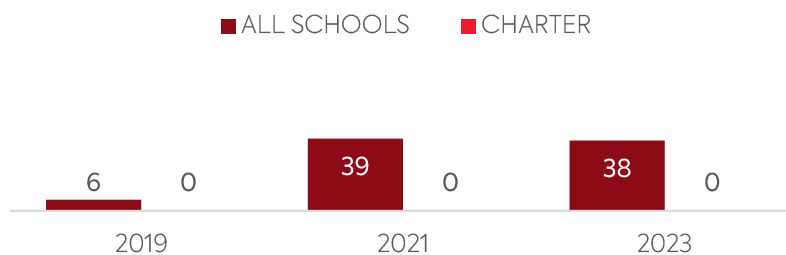
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	29	-16	-36%	-46%
LAPTOPS WINDOWS OS	0	7	-1	-13%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	560	0	110	24%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	25	21	21	84%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	585	57	114	22%	53%

COMPUTING DEVICES PER STUDENT

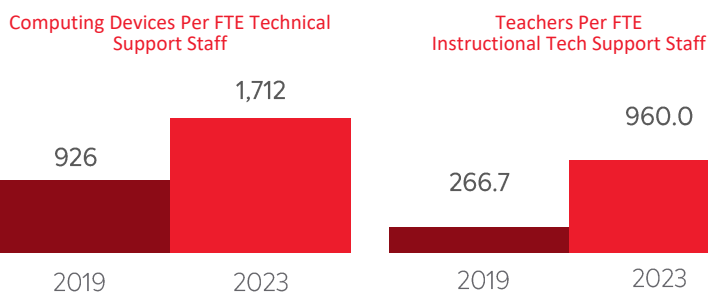


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



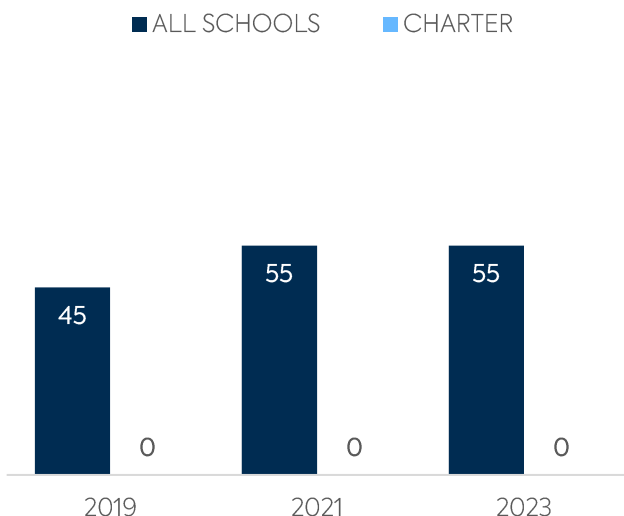
NORTH DAVIS PREPARATORY ACADEMY

CHARTER FACTS

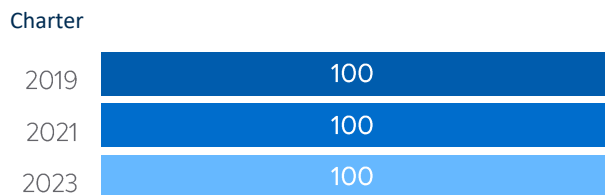
ENROLLMENT.....	971
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

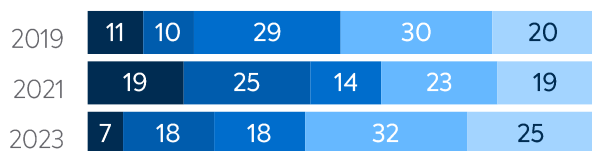
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

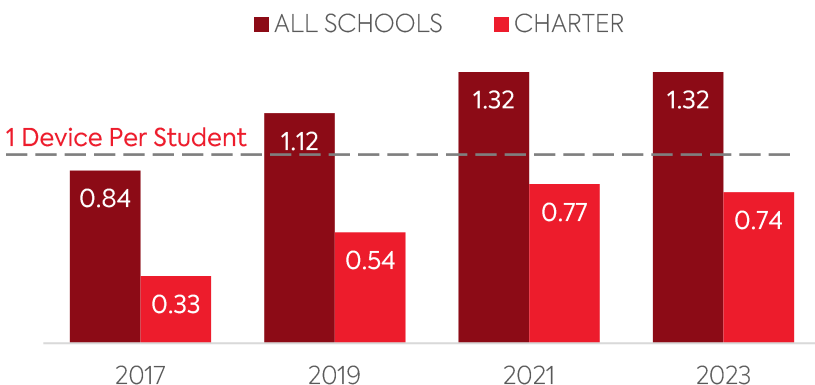


■ Less Than 1 Yr. Old ■ 1 Year Old
■ 2 Years Old ■ 3 Years Old
■ 4+ Years Old ■ Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

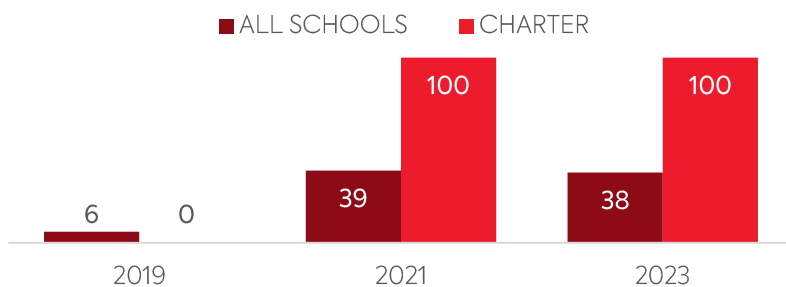
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	4	8	-66	-85%	-46%
LAPTOPS WINDOWS OS	0	0	-137	-100%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	30	13	-12	-22%	-3%
CHROMEBOOKS GOOGLE	560	3	562	56,200%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	-6	-100%	-27%
TABLETS IOS	120	85	82	67%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	714	109	423	106%	53%

COMPUTING DEVICES PER STUDENT

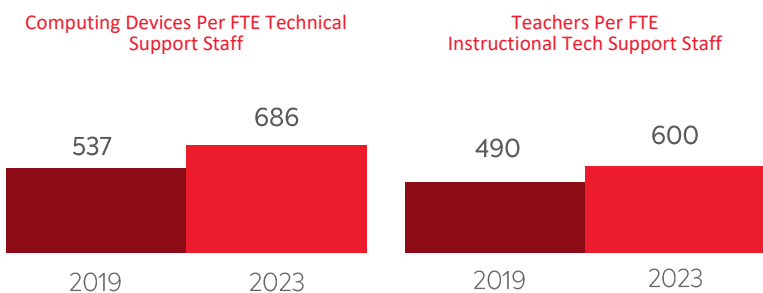


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



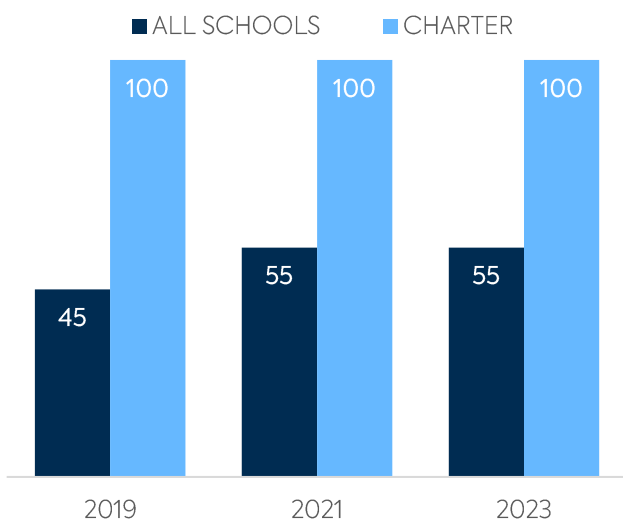
NORTH STAR ACADEMY

CHARTER FACTS

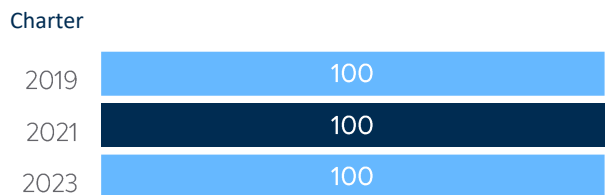
ENROLLMENT.....	520
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

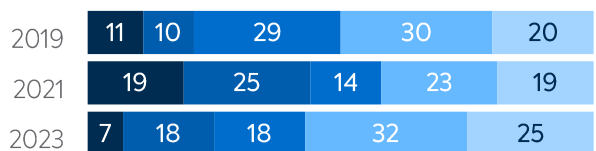
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

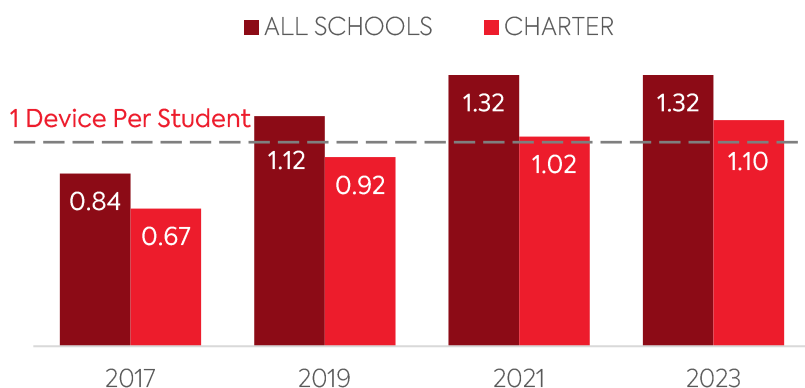


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

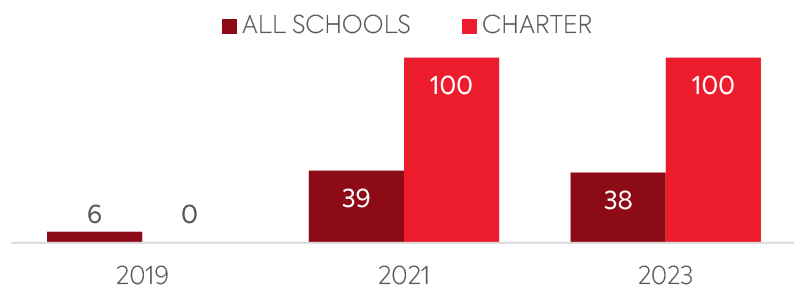
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	0	-1	-100%	-46%
LAPTOPS WINDOWS OS	0	0	-29	-100%	99%
DESKTOPS MAC	62	3	-31	-32%	-43%
LAPTOPS MAC	0	32	0	0%	-3%
CHROMEBOOKS GOOGLE	500	0	278	125%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	10	39	39	390%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	572	74	256	66%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

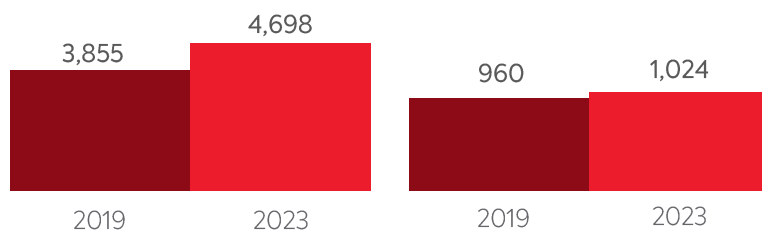
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



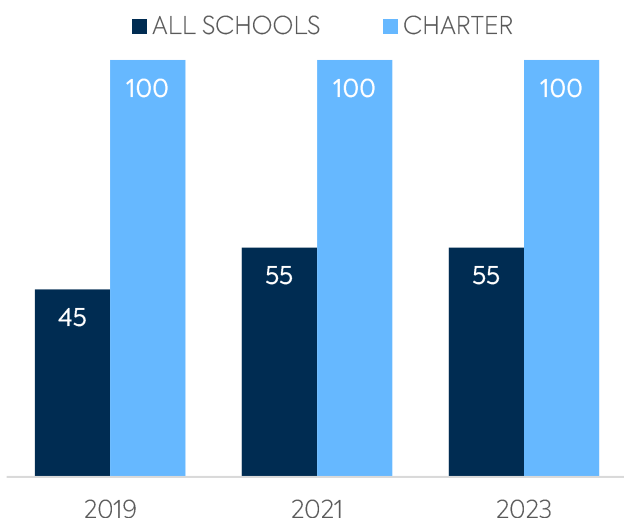
NORTHERN UTAH ACADEMY FOR MATH ENGINEERING AND SCIENCE (NUAMES)

CHARTER FACTS

ENROLLMENT.....	1,169
NUMBER OF SCHOOLS.....	2
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

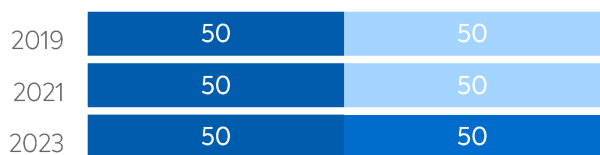
WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)

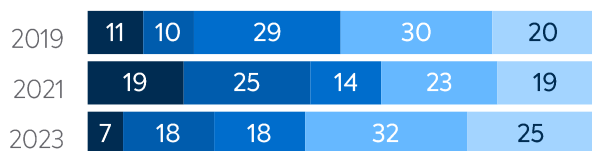


AGE OF WI-FI ACCESS POINTS (%)

Charter



All Schools

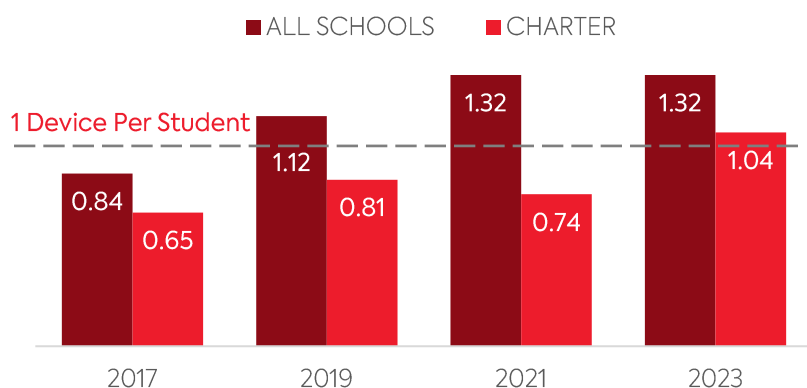


■ Less Than 1 Yr. Old ■ 1 Year Old
■ 2 Years Old ■ 3 Years Old
■ 4+ Years Old ■ Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	620	76	234	51%	-46%
LAPTOPS WINDOWS OS	589	46	561	758%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	124%
TABLETS WINDOWS	0	4	4	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	1	1	2	N/A	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	1,210	127	801	149%	53%

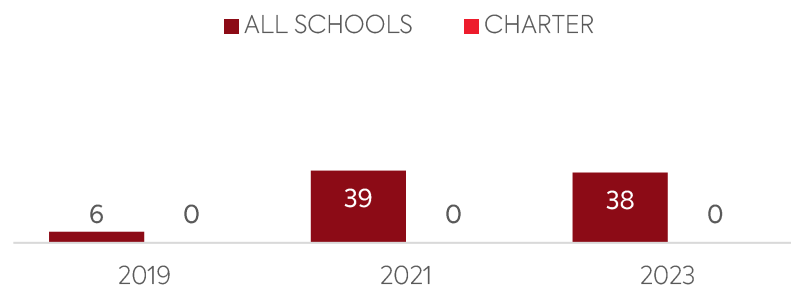
COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

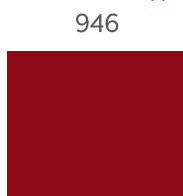
Schools With 1:1 Programs

Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff



Teachers Per FTE Instructional Tech Support Staff



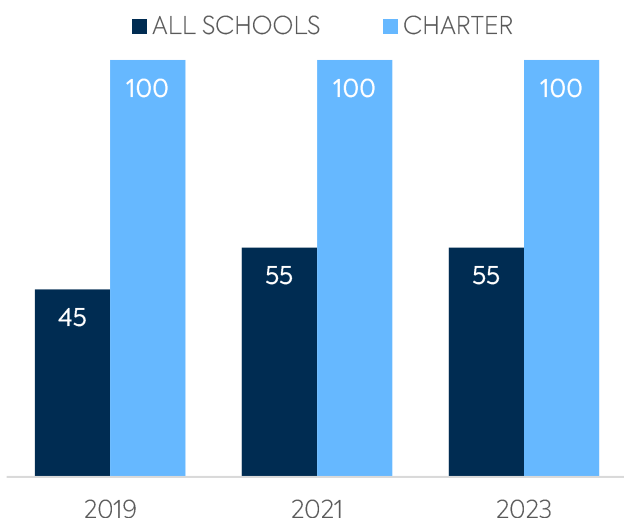
ODYSSEY CHARTER SCHOOL

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%

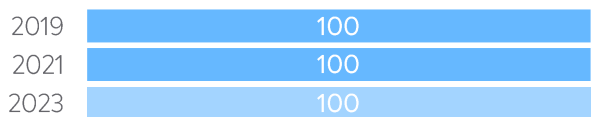
WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)

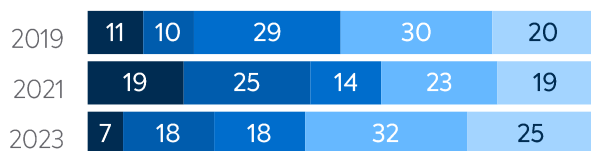


AGE OF WI-FI ACCESS POINTS (%)

Charter



All Schools

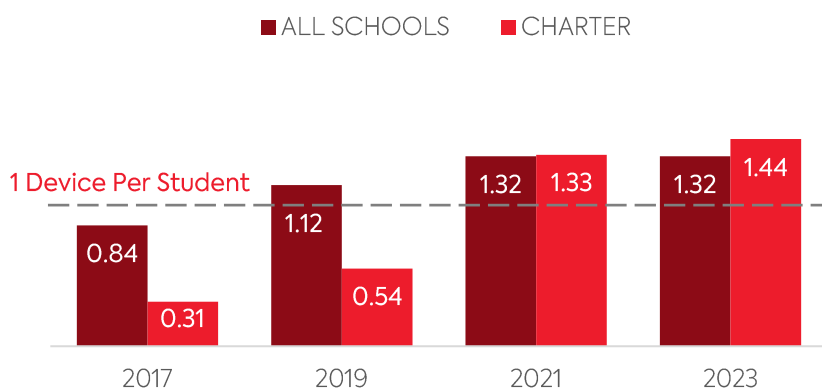


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

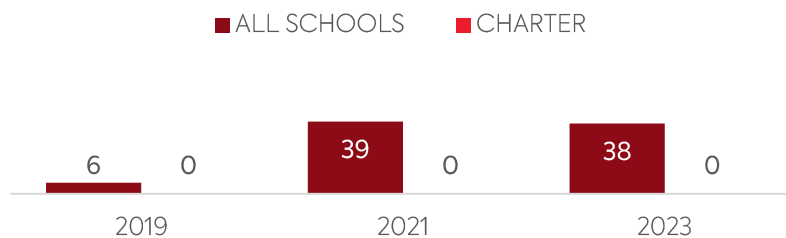
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	60	6	9	16%	-46%
LAPTOPS WINDOWS OS	0	45	5	13%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	-2	-100%	-3%
CHROMEBOOKS GOOGLE	500	5	415	461%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	560	56	427	226%	53%

COMPUTING DEVICES PER STUDENT

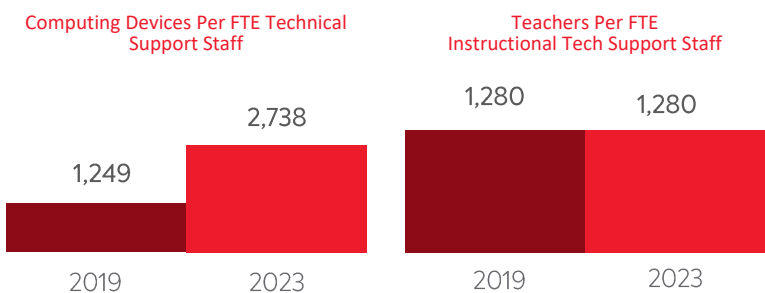


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



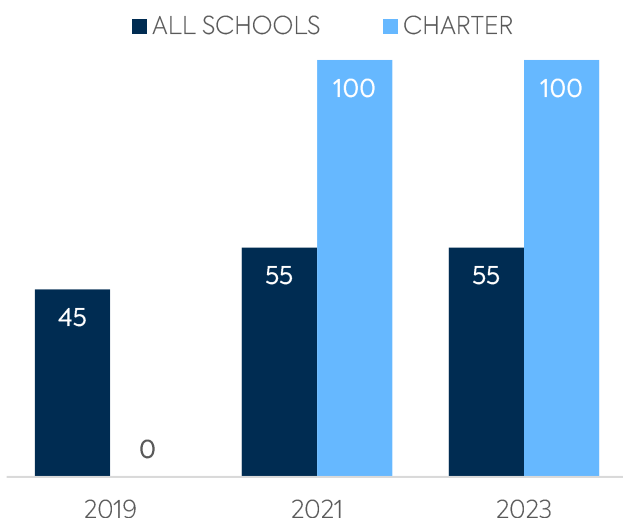
OGDEN PREPARATORY ACADEMY

CHARTER FACTS

ENROLLMENT.....	1,039
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

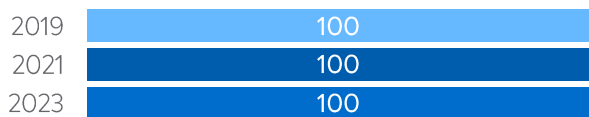
WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)

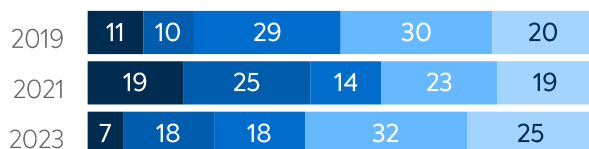


AGE OF WI-FI ACCESS POINTS (%)

Charter



All Schools

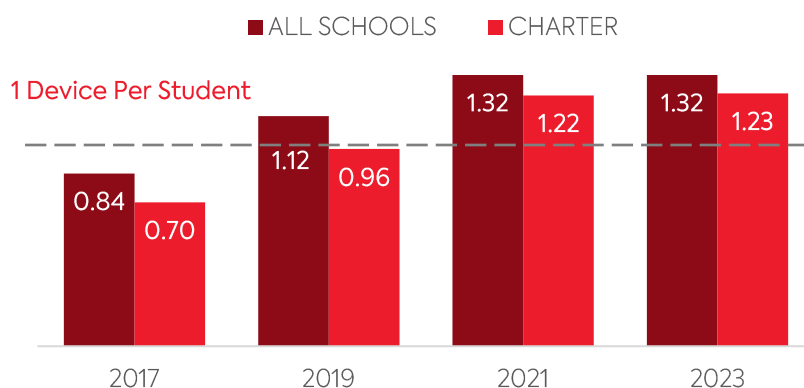


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

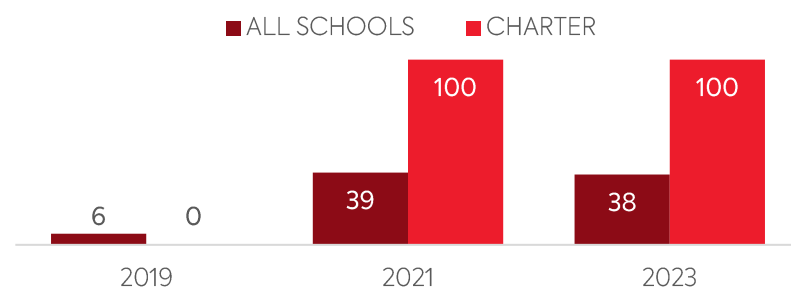
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	2	-1	-33%	-46%
LAPTOPS WINDOWS OS	0	4	3	300%	99%
DESKTOPS MAC	30	1	31	N/A	-43%
LAPTOPS MAC	0	90	75	500%	-3%
CHROMEBOOKS GOOGLE	1,235	5	519	72%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	15	30	-75	-63%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	1,280	132	552	64%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

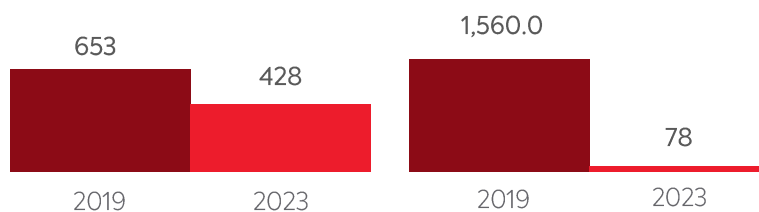
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



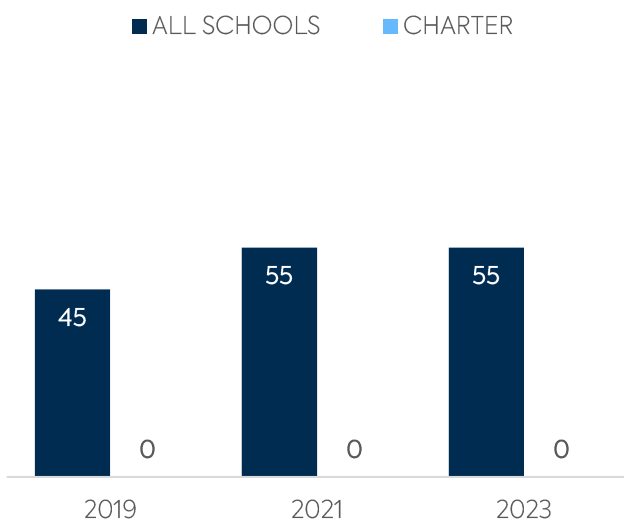
OPEN CLASSROOM

CHARTER FACTS

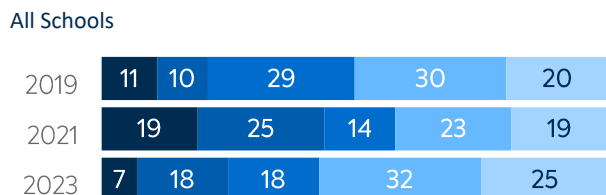
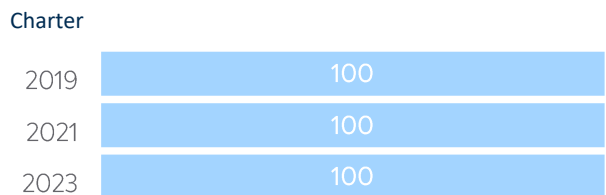
ENROLLMENT.....	265
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	84.4%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	5%

WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)

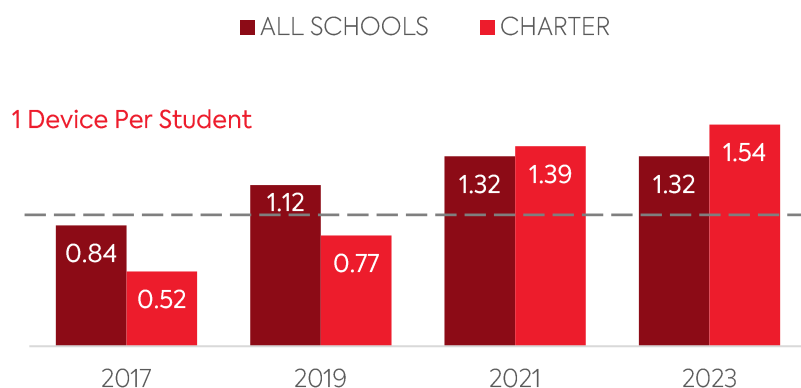


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

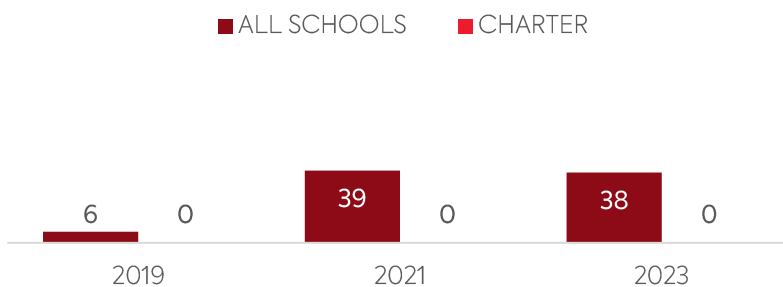
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	29	35	-78	-55%	-46%
LAPTOPS WINDOWS OS	315	4	240	304%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	63	0	33	110%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	407	39	195	78%	53%

COMPUTING DEVICES PER STUDENT

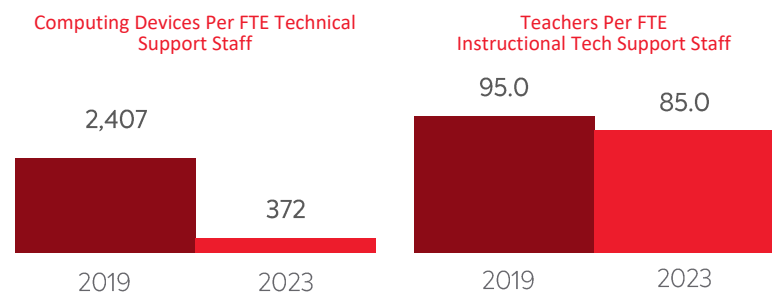


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



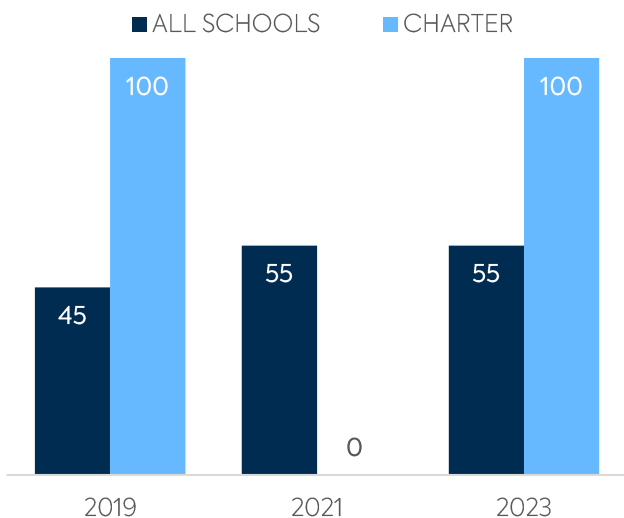
PACIFIC HERITAGE ACADEMY

CHARTER FACTS

ENROLLMENT.....	285
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

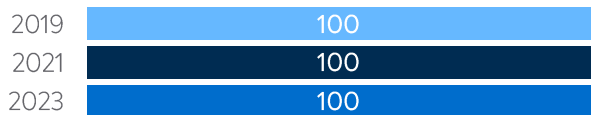
WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)

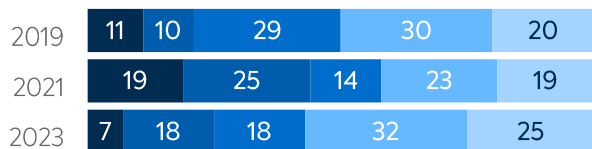


AGE OF WI-FI ACCESS POINTS (%)

Charter



All Schools

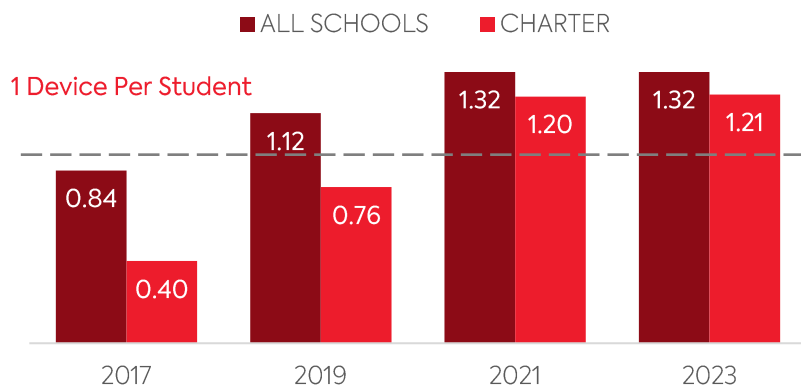


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

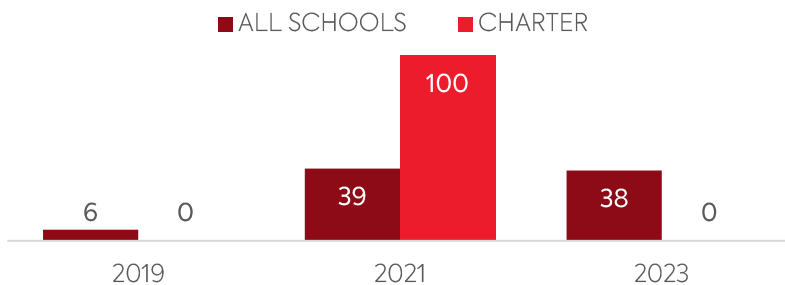
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	2	2	N/A	-46%
LAPTOPS WINDOWS OS	0	42	0	0%	99%
DESKTOPS MAC	0	3	3	N/A	-43%
LAPTOPS MAC	0	3	0	0%	-3%
CHROMEBOOKS GOOGLE	270	5	155	129%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	66	7	40	121%	-27%
TABLETS IOS	6	2	8	N/A	21%
OTHER DEVICES	4	0	4	N/A	-90%
ALL COMPUTING DEVICES	346	64	212	107%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

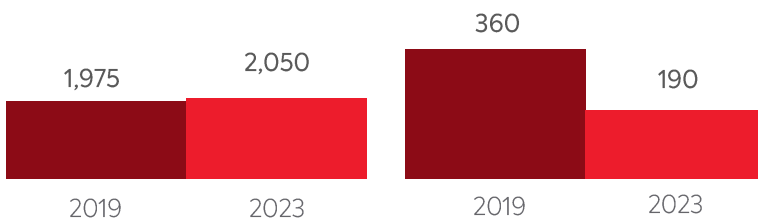
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



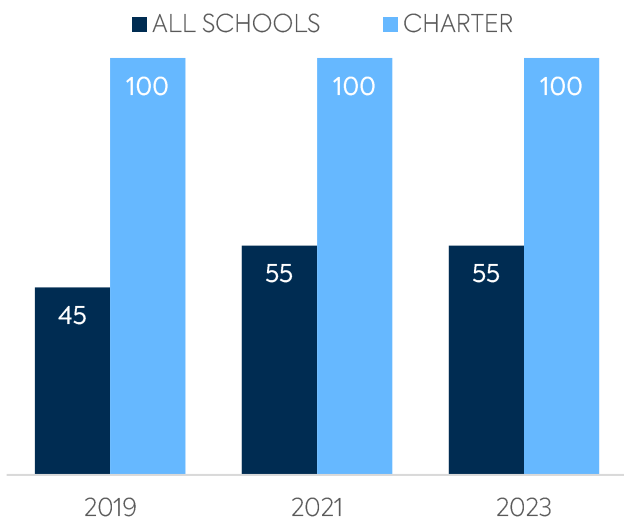
PARADIGM HIGH SCHOOL

CHARTER FACTS

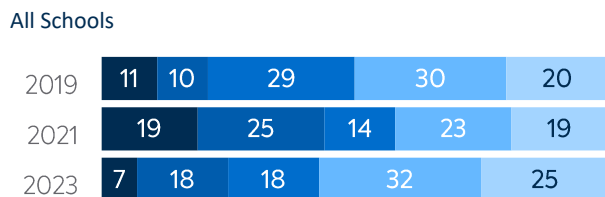
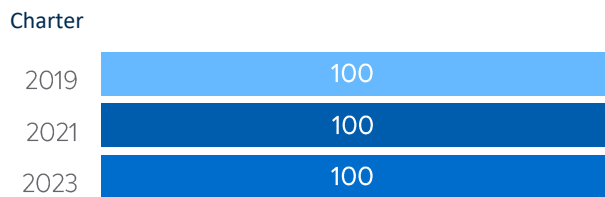
ENROLLMENT.....	380
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)

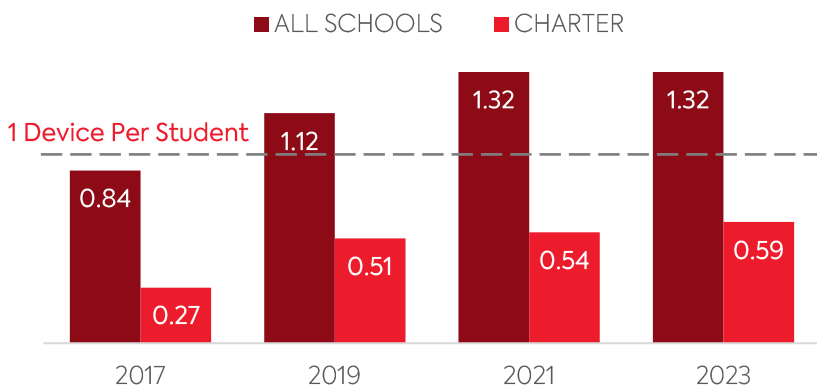


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

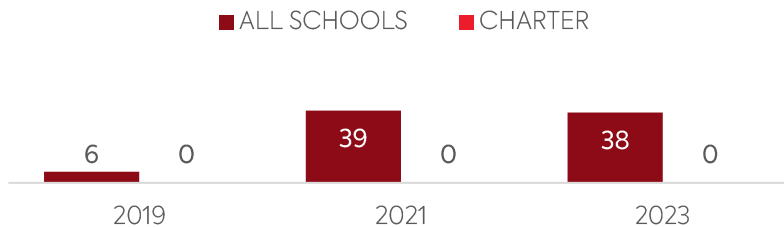
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	40	10	0	0%	-46%
LAPTOPS WINDOWS OS	20	40	0	0%	99%
DESKTOPS MAC	0	1	1	N/A	-43%
LAPTOPS MAC	0	1	0	0%	-3%
CHROMEBOOKS GOOGLE	85	8	0	0%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	80	7	87	N/A	-90%
ALL COMPUTING DEVICES	225	67	88	43%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

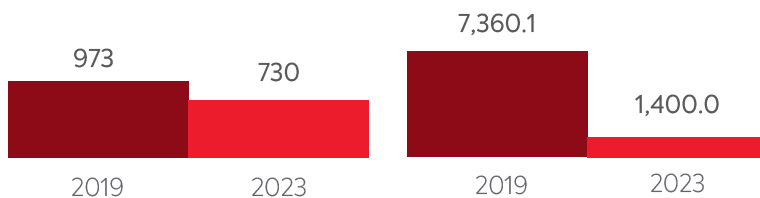
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



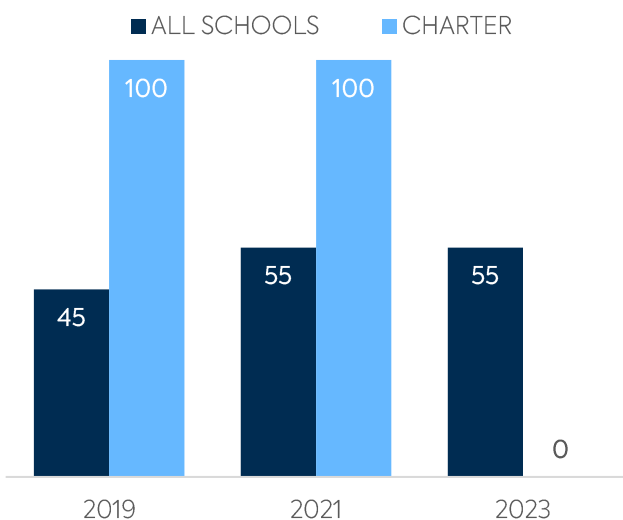
PINNACLE CANYON ACADEMY

CHARTER FACTS

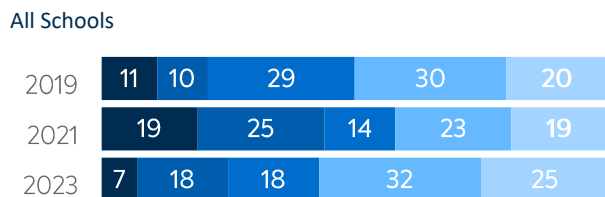
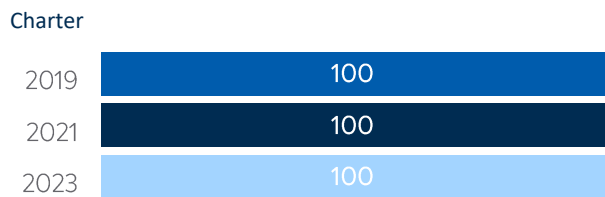
ENROLLMENT.....	396
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)

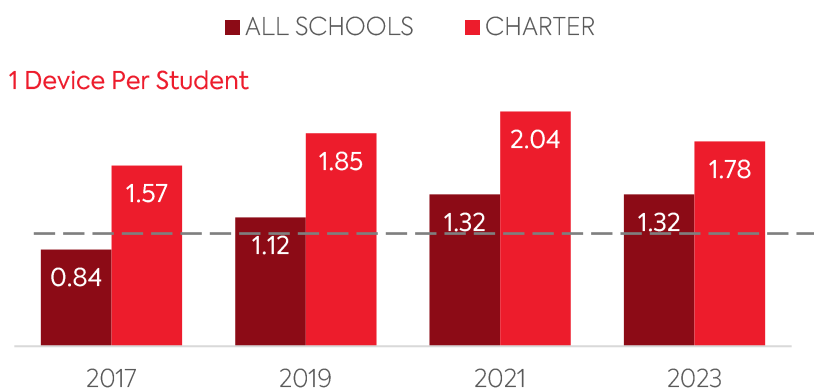


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

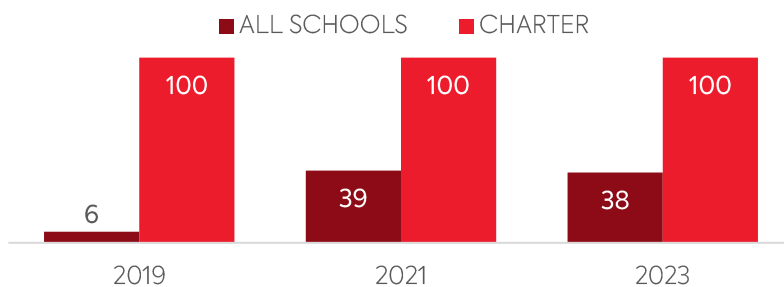
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	2	-4	-67%	-46%
LAPTOPS WINDOWS OS	0	0	-105	-100%	99%
DESKTOPS MAC	3	3	-73	-92%	-43%
LAPTOPS MAC	120	42	-5	-3%	-3%
CHROMEBOOKS GOOGLE	30	0	0	0%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	550	35	0	0%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	703	82	-187	-19%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

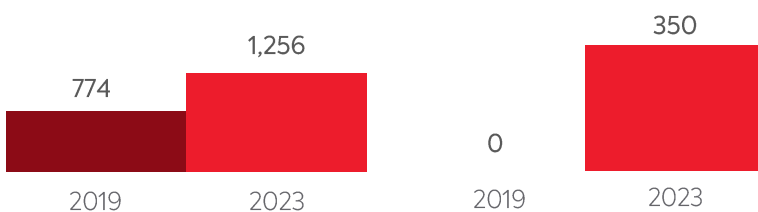
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



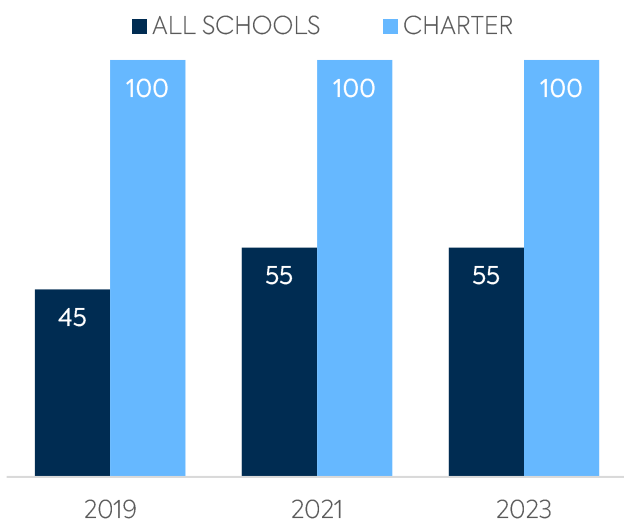
PROMONTORY SCHOOL OF EXPEDITIONARY LEARNING

CHARTER FACTS

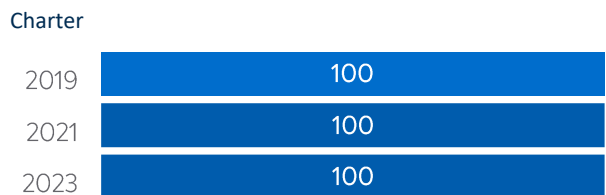
ENROLLMENT.....	447
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

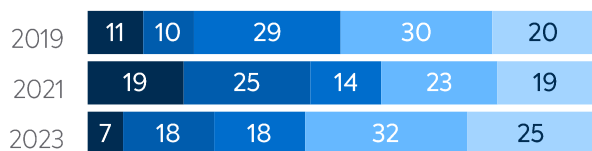
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

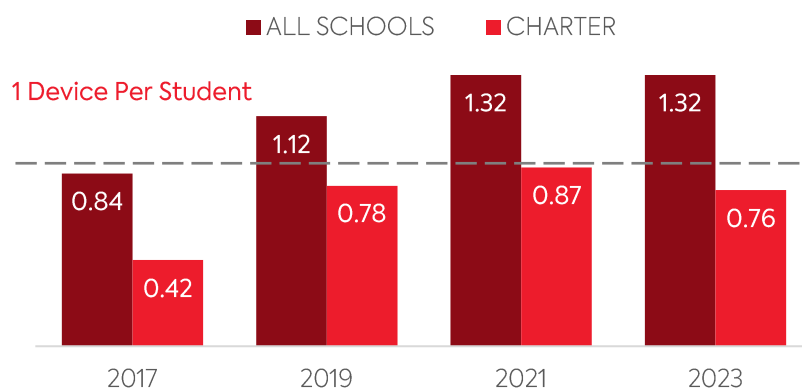


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

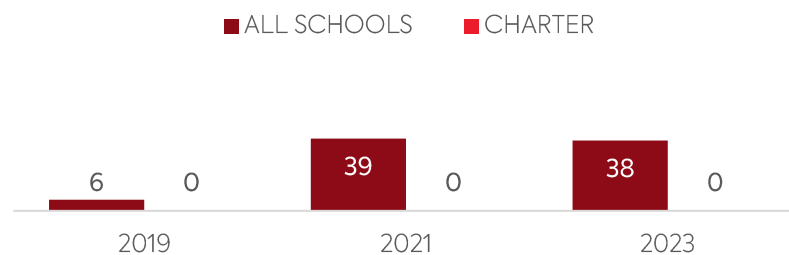
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	2	0	-61	-97%	-46%
LAPTOPS WINDOWS OS	0	50	-31	-38%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	7	4	133%	-3%
CHROMEBOOKS GOOGLE	248	14	193	280%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	-25	-100%	-27%
TABLETS IOS	90	11	87	621%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	340	82	167	66%	53%

COMPUTING DEVICES PER STUDENT

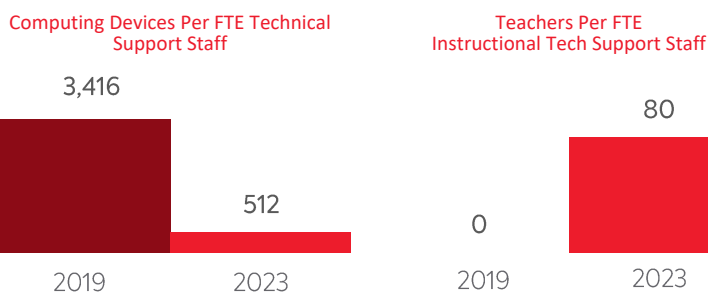


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



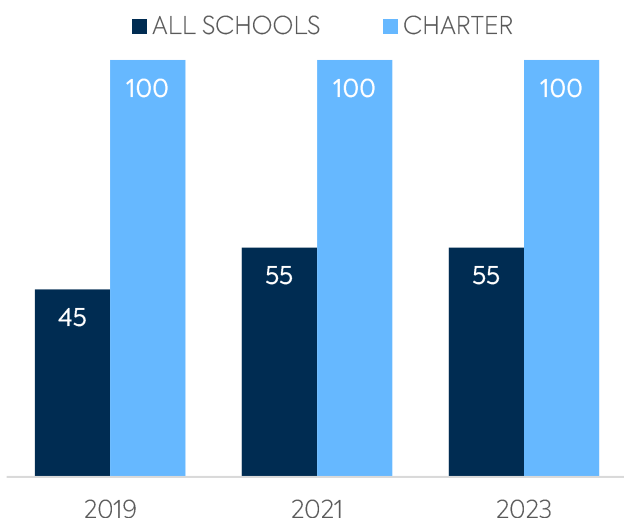
PROVIDENCE HALL

CHARTER FACTS

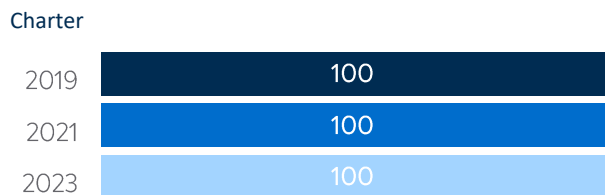
ENROLLMENT.....	2,034
NUMBER OF SCHOOLS.....	3
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

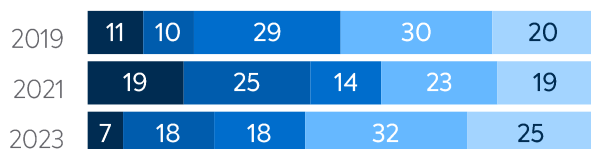
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

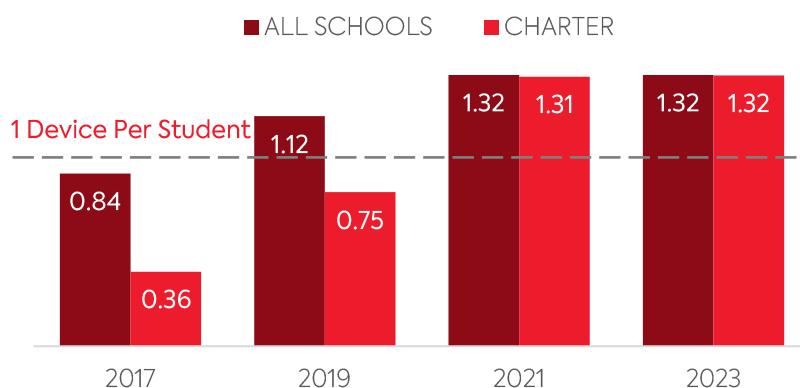


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

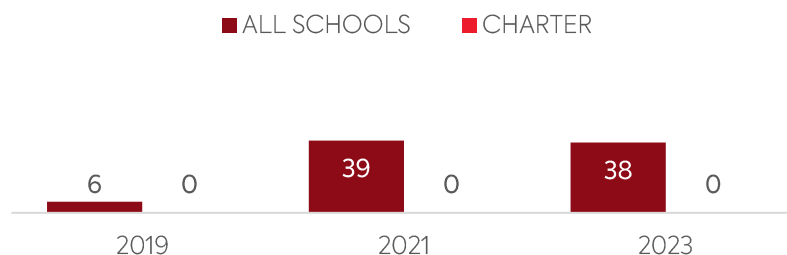
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	5	5	N/A	-46%
LAPTOPS WINDOWS OS	0	0	0	N/A	99%
DESKTOPS MAC	10	18	-6	-18%	-43%
LAPTOPS MAC	554	209	264	53%	-3%
CHROMEBOOKS GOOGLE	1,691	0	1,351	397%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	7	0	7	N/A	-27%
TABLETS IOS	359	157	439	570%	21%
OTHER DEVICES	58	0	58	N/A	-90%
ALL COMPUTING DEVICES	2,679	389	2,118	223%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

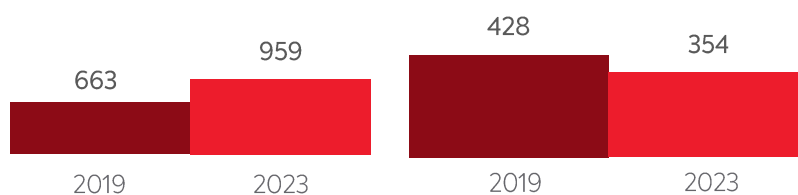
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



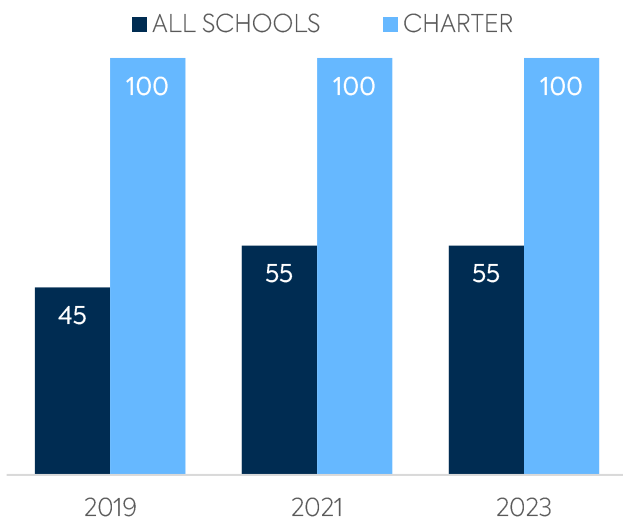
QUEST ACADEMY

CHARTER FACTS

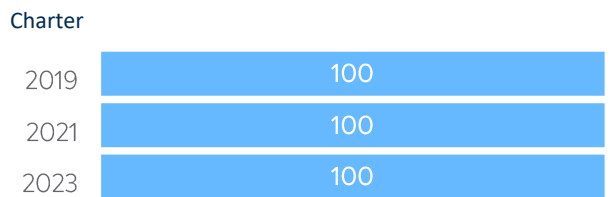
ENROLLMENT.....	1,011
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

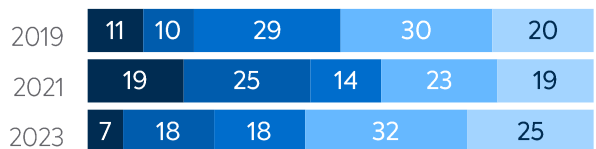
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

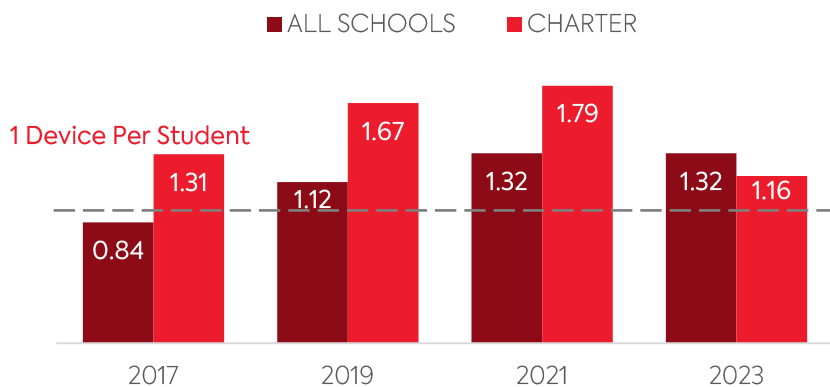


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

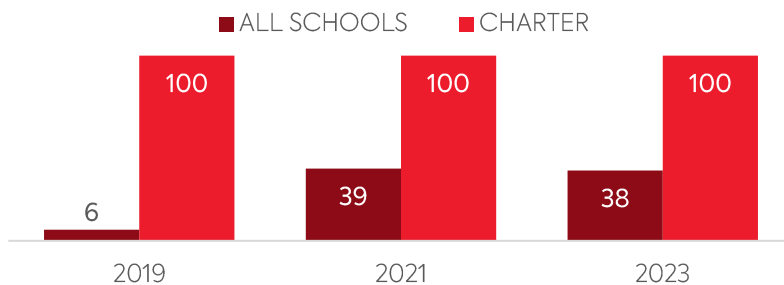
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	12	12	N/A	-46%
LAPTOPS WINDOWS OS	30	4	-73	-68%	99%
DESKTOPS MAC	0	3	-48	-94%	-43%
LAPTOPS MAC	45	125	-220	-56%	-3%
CHROMEBOOKS GOOGLE	950	0	650	217%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	-9	-100%	-27%
TABLETS IOS	150	125	-285	-51%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	1,175	269	27	2%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

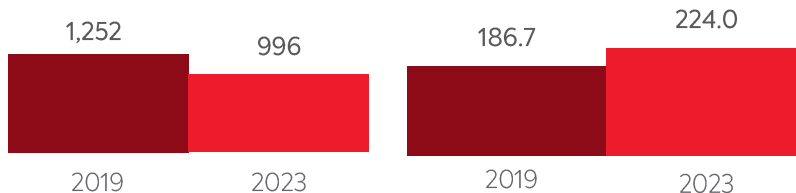
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



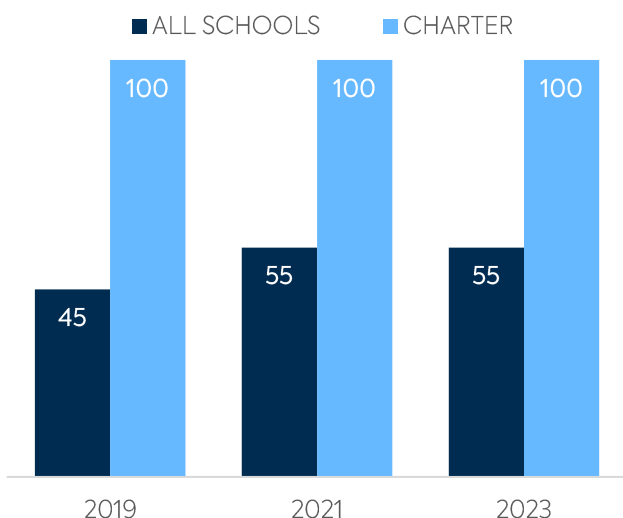
THE RANCHES ACADEMY

CHARTER FACTS

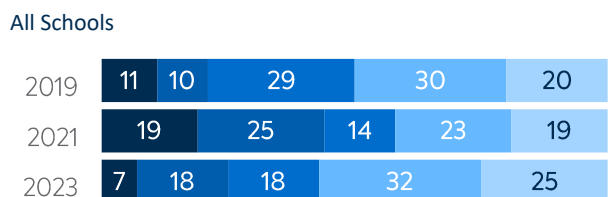
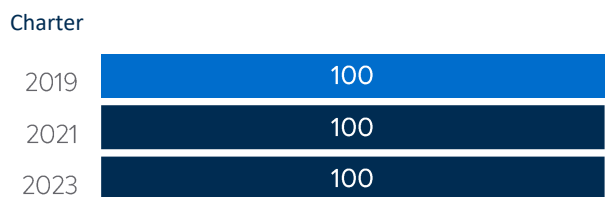
ENROLLMENT.....	370
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	100%

WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)

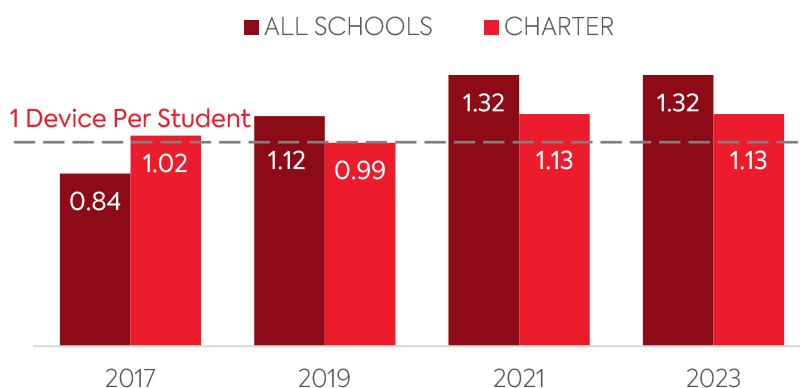


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

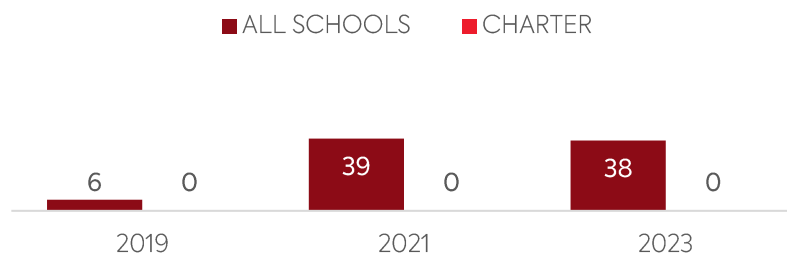
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	31	0	31	N/A	-46%
LAPTOPS WINDOWS OS	2	3	3	150%	99%
DESKTOPS MAC	0	20	-8	-29%	-43%
LAPTOPS MAC	0	5	2	67%	-3%
CHROMEBOOKS GOOGLE	265	3	-21	-7%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	2	1	100%	-27%
TABLETS IOS	120	17	67	96%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	418	50	75	19%	53%

COMPUTING DEVICES PER STUDENT

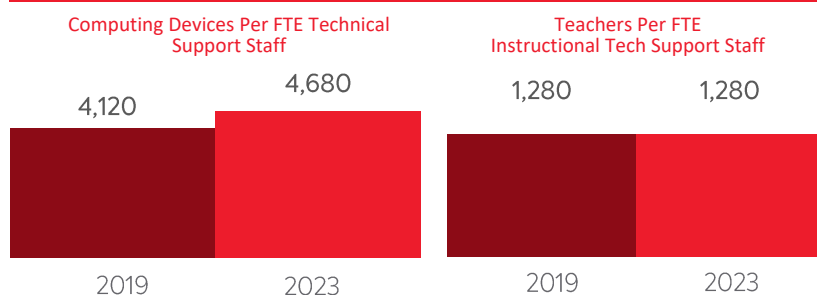


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



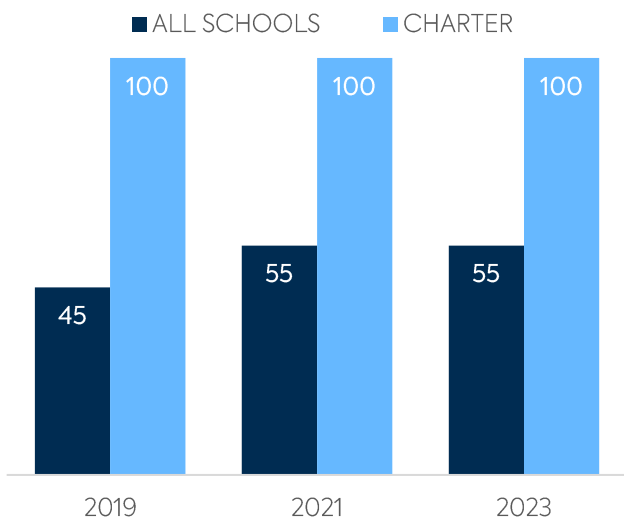
REAGAN ACADEMY

CHARTER FACTS

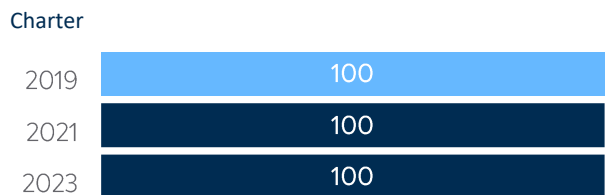
ENROLLMENT.....	661
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

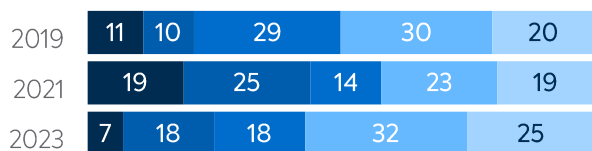
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

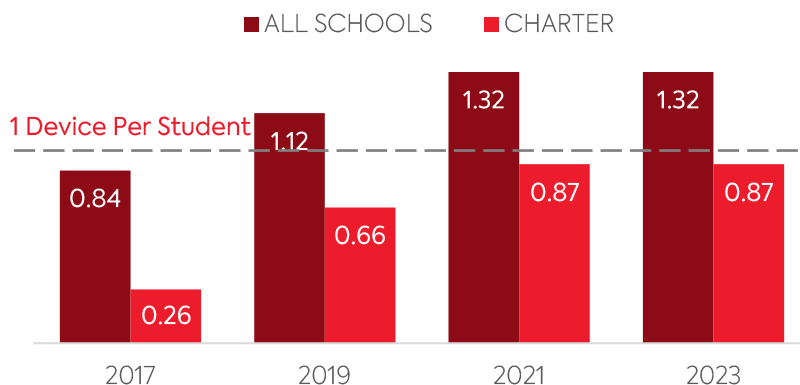


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

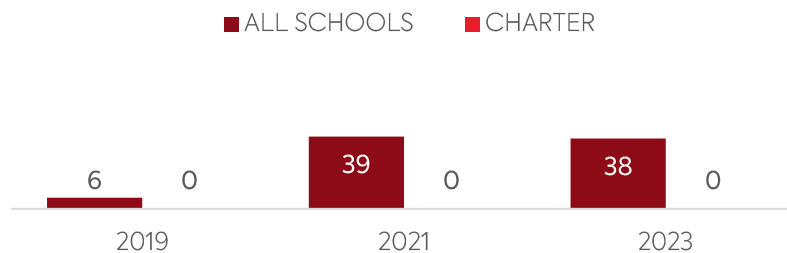
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	130	50	72	67%	-46%
LAPTOPS WINDOWS OS	0	3	3	N/A	99%
DESKTOPS MAC	27	0	0	0%	-43%
LAPTOPS MAC	0	1	1	N/A	-3%
CHROMEBOOKS GOOGLE	359	3	284	364%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	60	20	60	300%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	576	77	420	180%	53%

COMPUTING DEVICES PER STUDENT

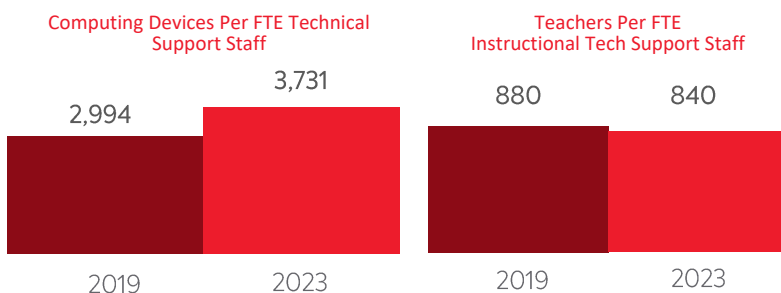


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



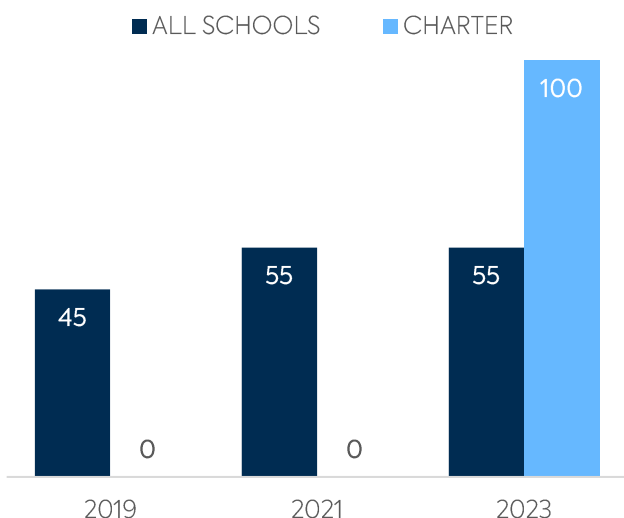
RENAISSANCE ACADEMY

CHARTER FACTS

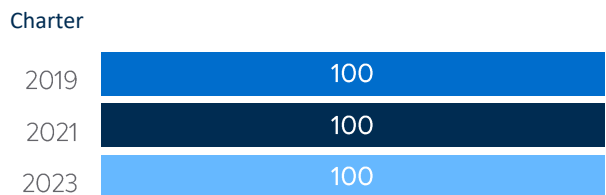
ENROLLMENT.....	786
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

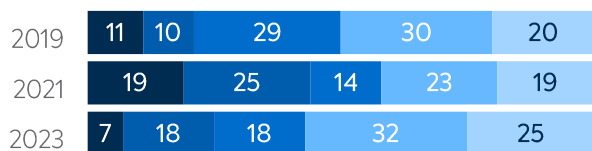
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

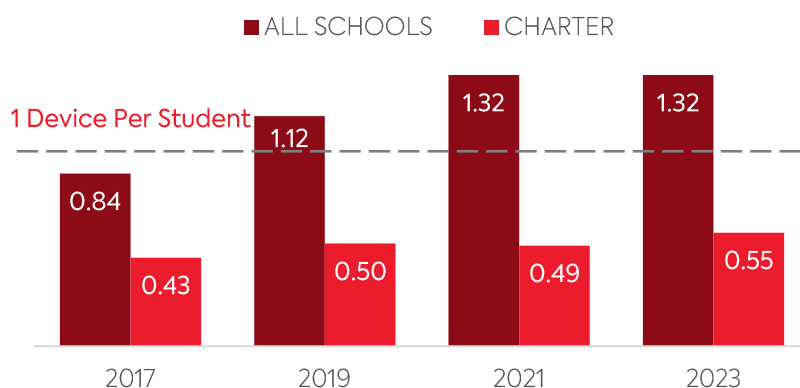


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

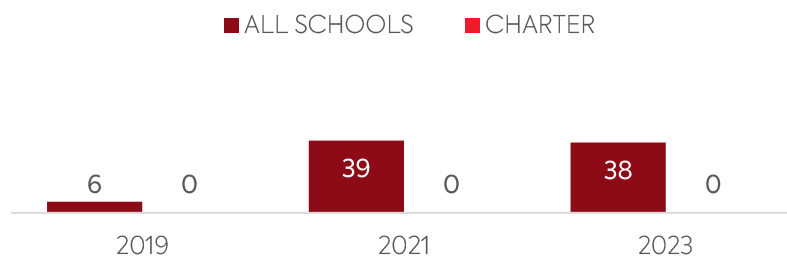
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	10	10	-12	-38%	-46%
LAPTOPS WINDOWS OS	6	65	1	1%	99%
DESKTOPS MAC	0	0	-25	-100%	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	414	331	601	417%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	4	0	-182	-98%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	434	406	383	84%	53%

COMPUTING DEVICES PER STUDENT

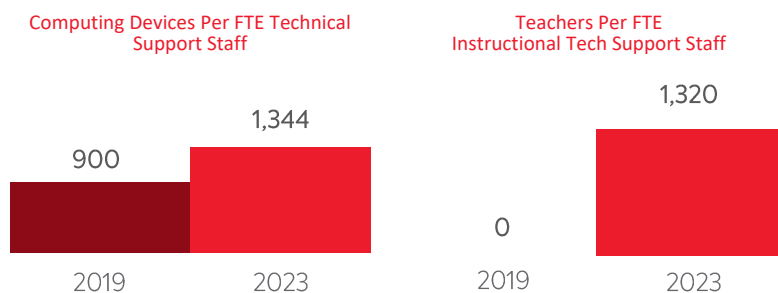


MOBILE DEPLOYMENT

Schools With 1:1 Programs Where Students Can Take Devices Home (%)



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



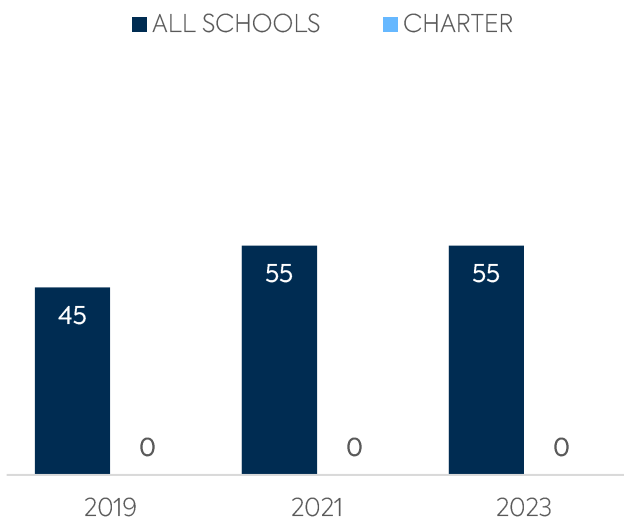
ROCKWELL CHARTER HIGH SCHOOL

CHARTER FACTS

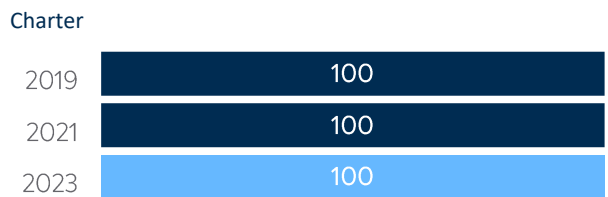
ENROLLMENT.....	270
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

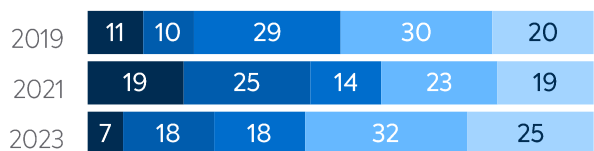
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

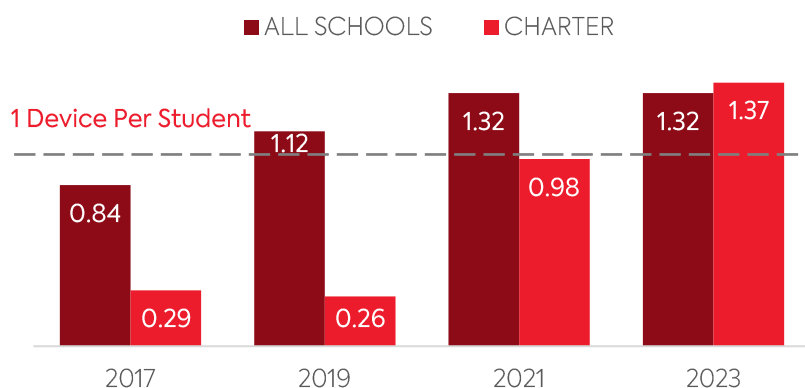


■ Less Than 1 Yr. Old ■ 1 Year Old
■ 2 Years Old ■ 3 Years Old
■ 4+ Years Old ■ Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

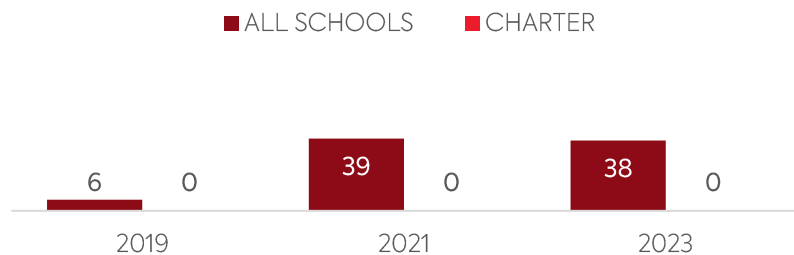
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	0	-19	-100%	-46%
LAPTOPS WINDOWS OS	0	4	-25	-86%	99%
DESKTOPS MAC	70	35	20	24%	-43%
LAPTOPS MAC	80	25	75	250%	-3%
CHROMEBOOKS GOOGLE	211	0	198	1,523%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	10	10	10	100%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	371	74	259	139%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

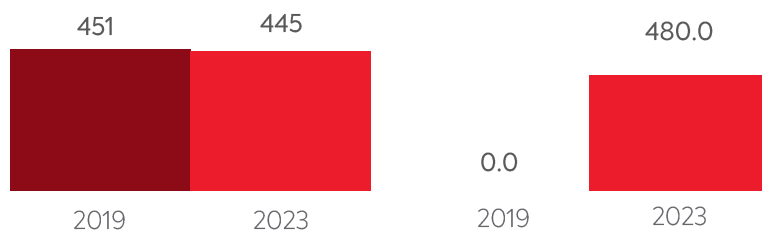
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



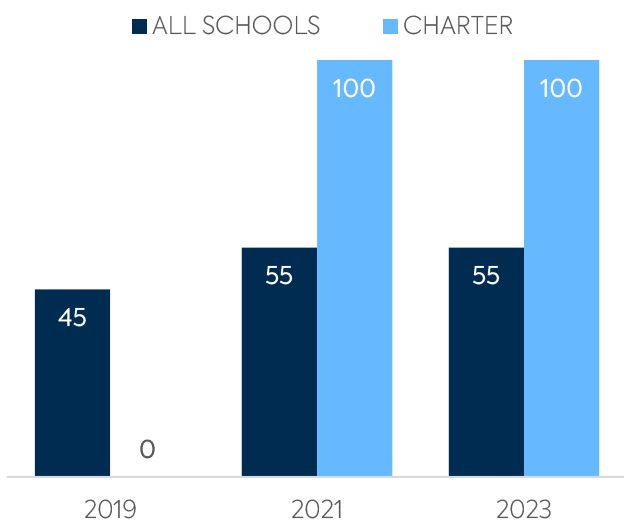
ROOTS CHARTER HIGH SCHOOL

CHARTER FACTS

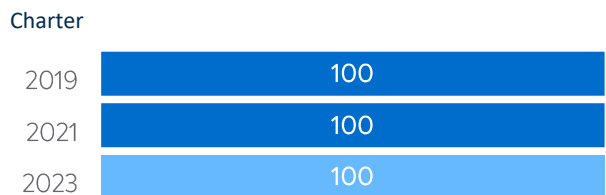
ENROLLMENT.....	215
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	10%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	10%

WI-FI NETWORK COVERAGE

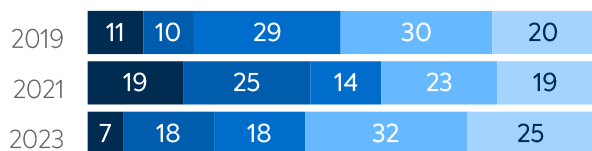
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

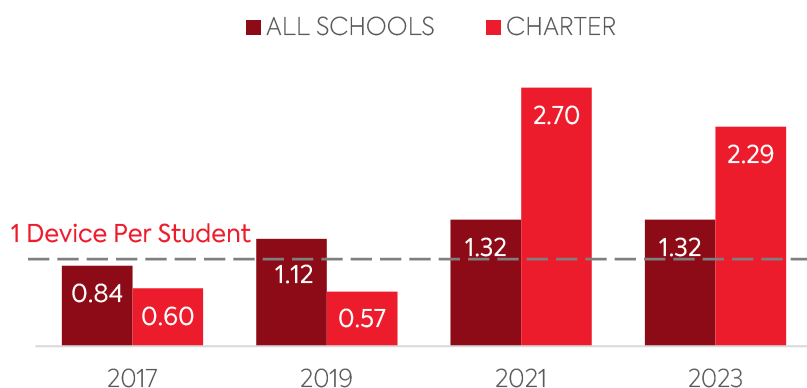


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

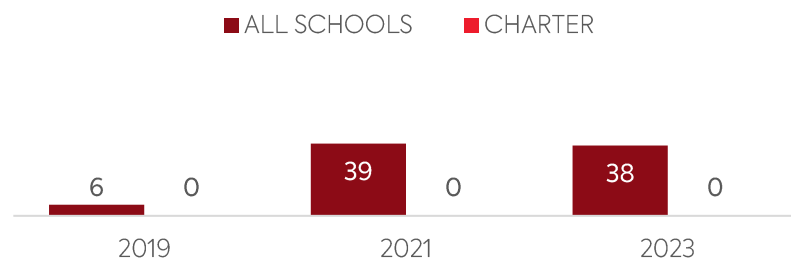
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	0	0	N/A	-46%
LAPTOPS WINDOWS OS	0	0	0	N/A	99%
DESKTOPS MAC	26	3	29	N/A	-43%
LAPTOPS MAC	0	34	15	79%	-3%
CHROMEBOOKS GOOGLE	466	10	356	297%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	0	3	2	200%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	492	50	402	287%	53%

COMPUTING DEVICES PER STUDENT

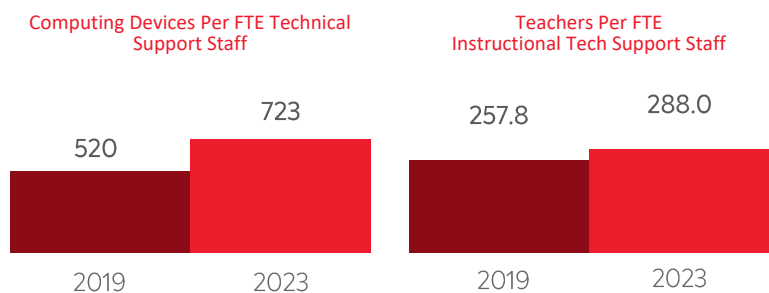


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



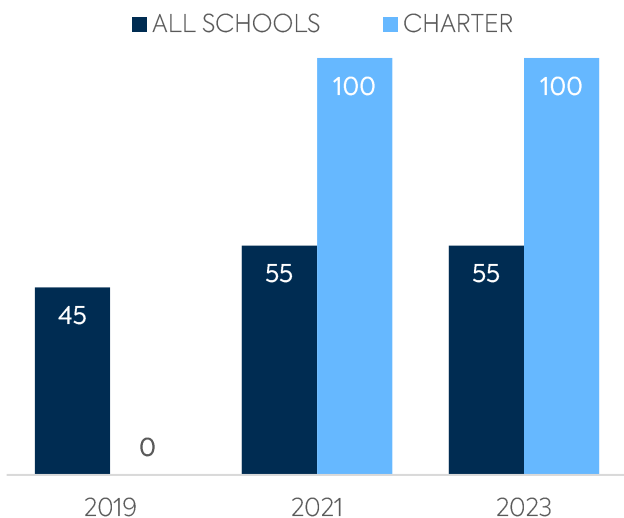
SALT LAKE ACADEMY HIGH SCHOOL

CHARTER FACTS

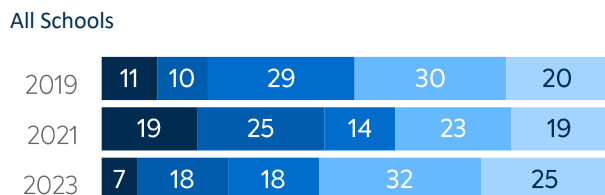
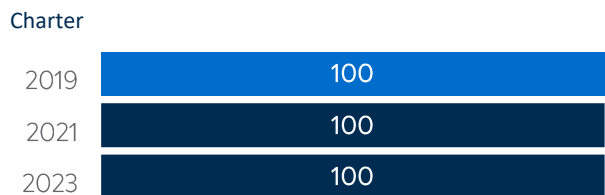
ENROLLMENT.....	415
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)

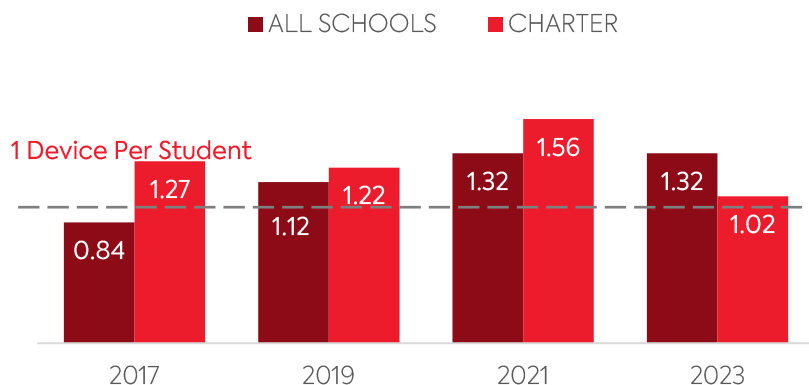


■ Less Than 1 Yr. Old ■ 1 Year Old
■ 2 Years Old ■ 3 Years Old
■ 4+ Years Old ■ Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

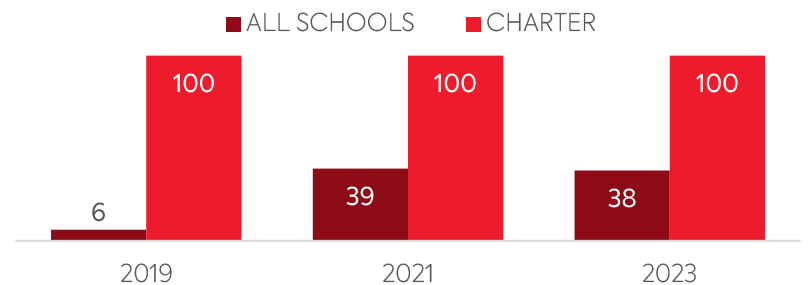
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	22	5	0	0%	-46%
LAPTOPS WINDOWS OS	30	1	30	3,000%	99%
DESKTOPS MAC	5	0	0	0%	-43%
LAPTOPS MAC	15	0	0	0%	-3%
CHROMEBOOKS GOOGLE	350	18	187	103%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	2	3	2	67%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	424	27	219	94%	53%

COMPUTING DEVICES PER STUDENT

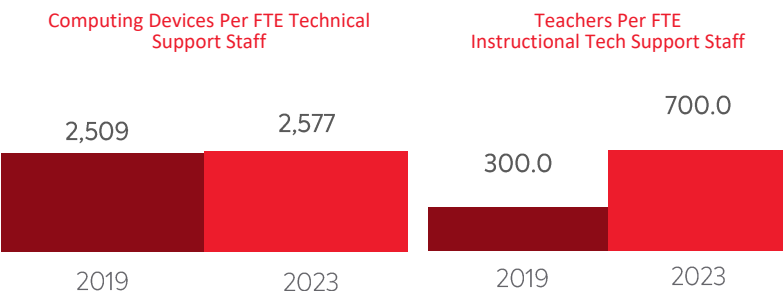


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



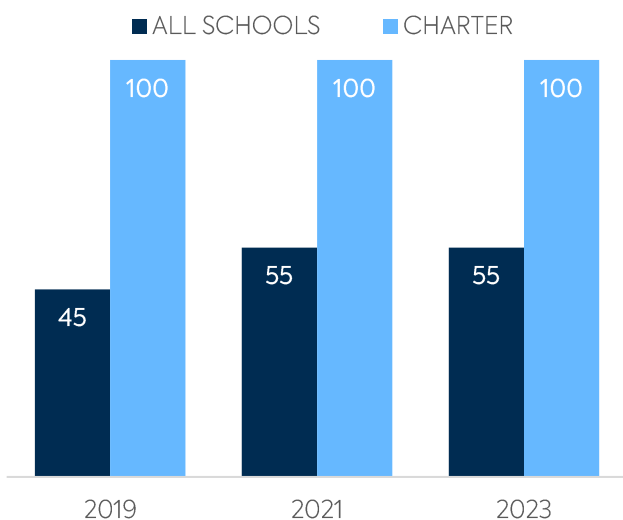
SALT LAKE ARTS ACADEMY

CHARTER FACTS

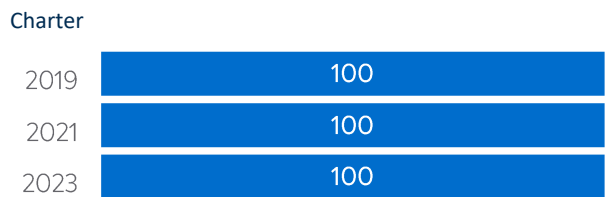
ENROLLMENT.....	408
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	20%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	1%

WI-FI NETWORK COVERAGE

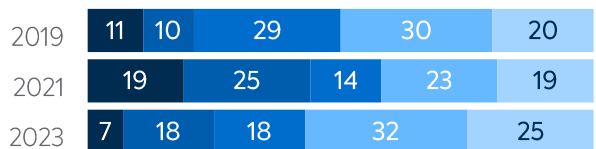
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

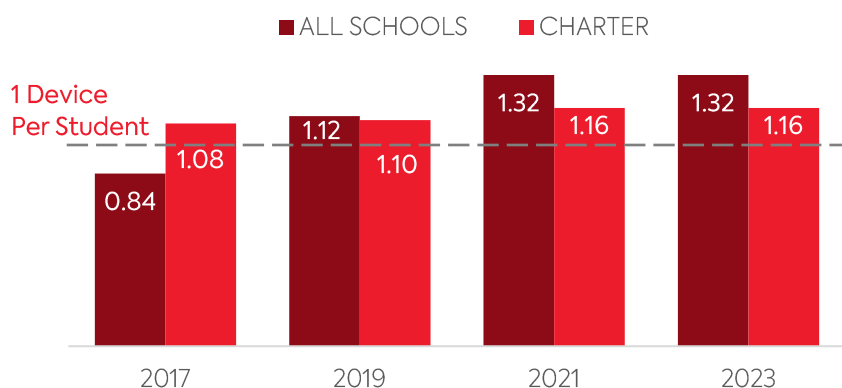


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

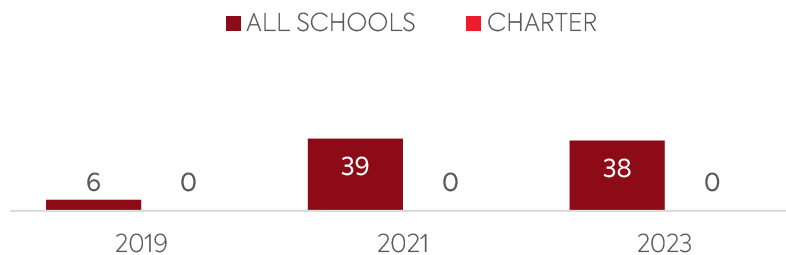
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	3	1	50%	-46%
LAPTOPS WINDOWS OS	0	0	0	N/A	99%
DESKTOPS MAC	25	10	0	0%	-43%
LAPTOPS MAC	0	30	5	20%	-3%
CHROMEBOOKS GOOGLE	400	0	25	7%	124%
TABLETS WINDOWS	21	0	21	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	27	5	2	7%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	473	48	54	12%	53%

COMPUTING DEVICES PER STUDENT

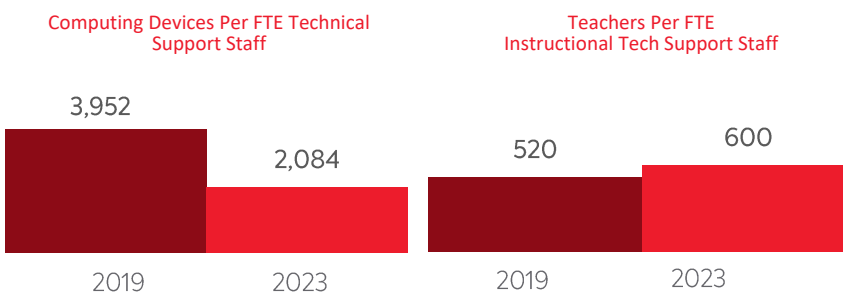


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



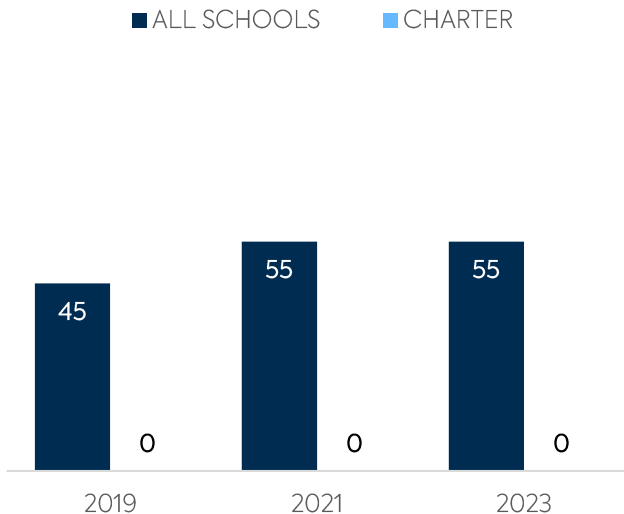
SALT LAKE CENTER FOR SCIENCE EDUCATION

CHARTER FACTS

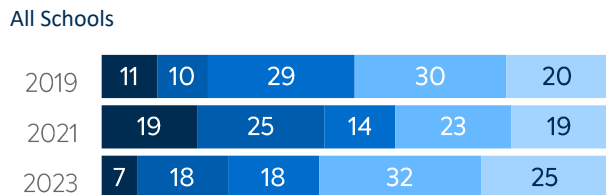
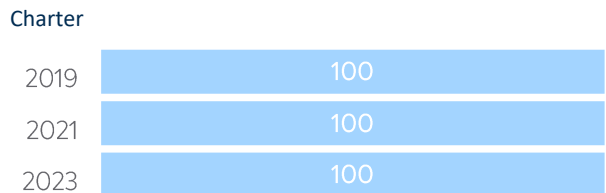
ENROLLMENT.....	362
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	2%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	10%

WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)

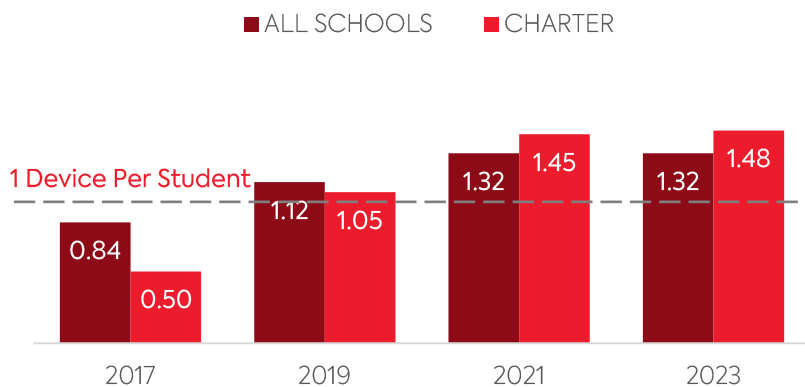


■ Less Than 1 Yr. Old ■ 1 Year Old
■ 2 Years Old ■ 3 Years Old
■ 4+ Years Old ■ Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

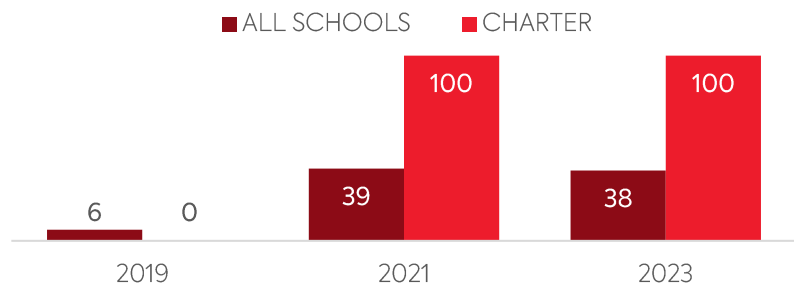
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	32	45	-73	-49%	-46%
LAPTOPS WINDOWS OS	400	33	343	381%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	26	1	27	N/A	-3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	77	0	59	328%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	535	79	356	138%	53%

COMPUTING DEVICES PER STUDENT

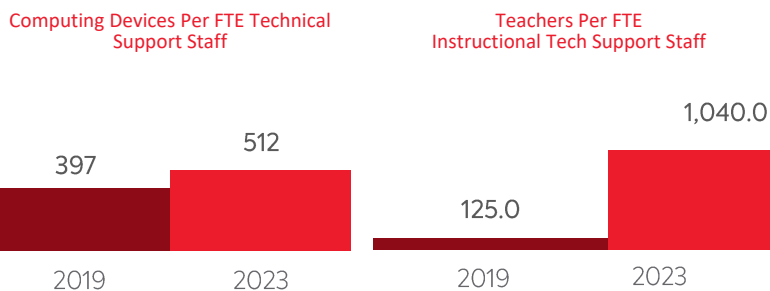


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



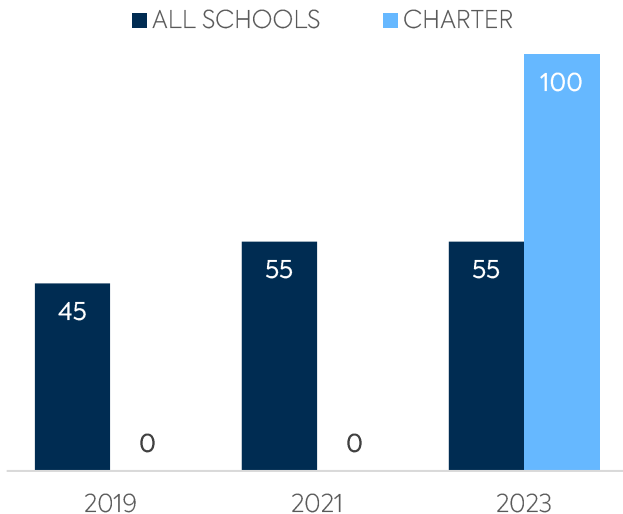
SALT LAKE SCHOOL OF PERFORMING ARTS

CHARTER FACTS

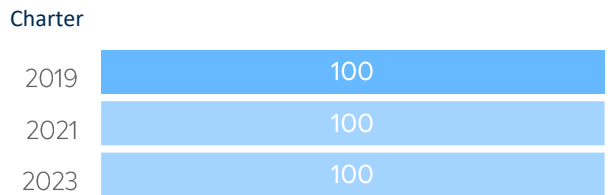
ENROLLMENT.....	200
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

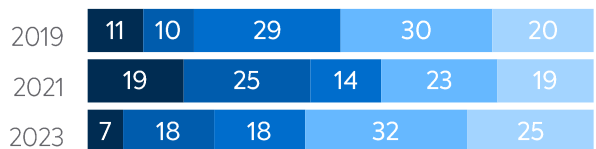
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

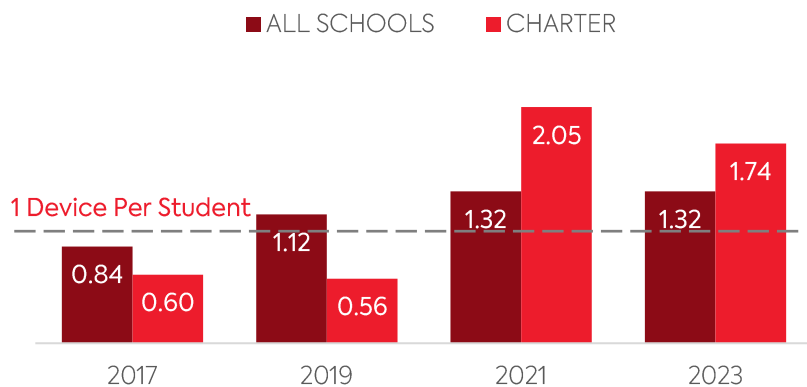


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

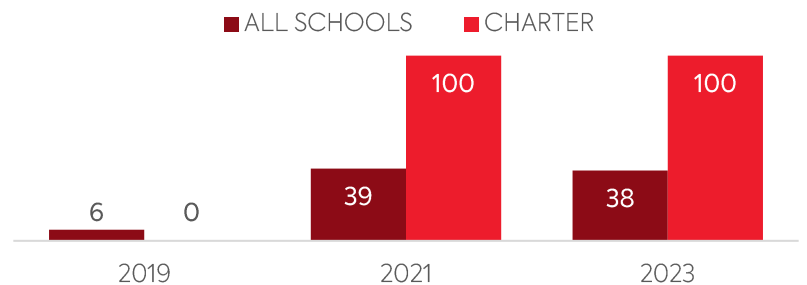
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	18	13	-27	-47%	-46%
LAPTOPS WINDOWS OS	0	15	-10	-40%	99%
DESKTOPS MAC	19	3	2	10%	-43%
LAPTOPS MAC	0	4	1	33%	-3%
CHROMEBOOKS GOOGLE	310	0	228	278%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	0	3	-7	-70%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	347	38	187	94%	53%

COMPUTING DEVICES PER STUDENT

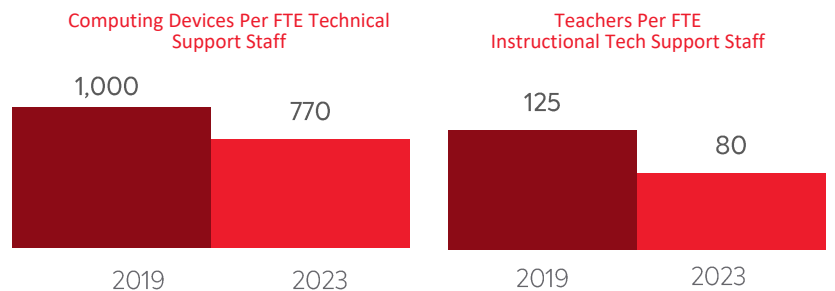


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



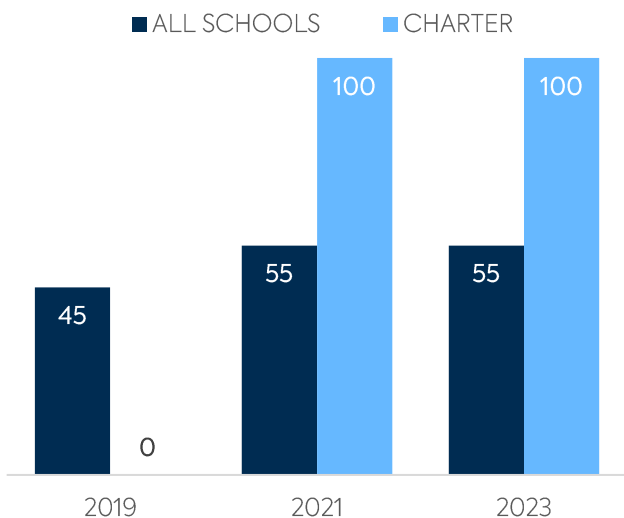
SCHOLAR ACADEMY

CHARTER FACTS

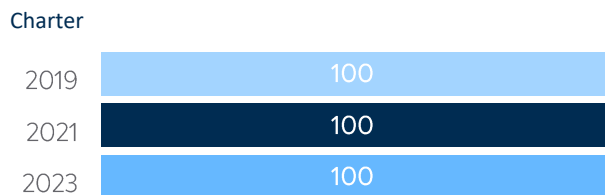
ENROLLMENT.....	646
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	2%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

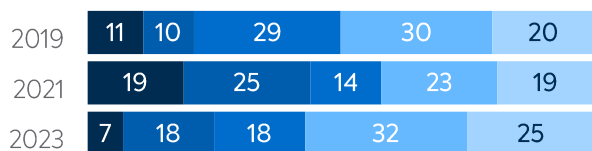
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

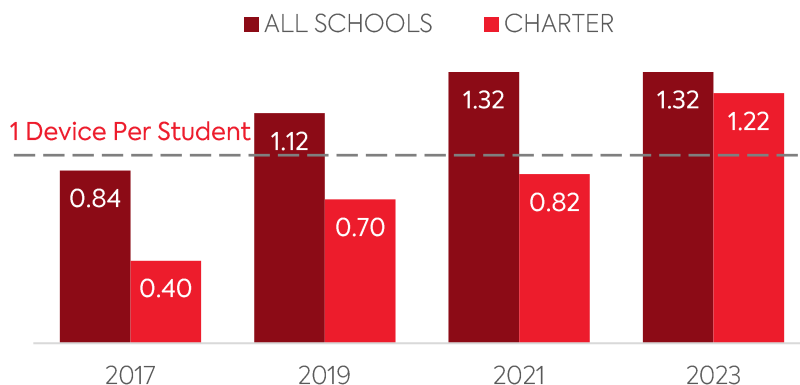


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

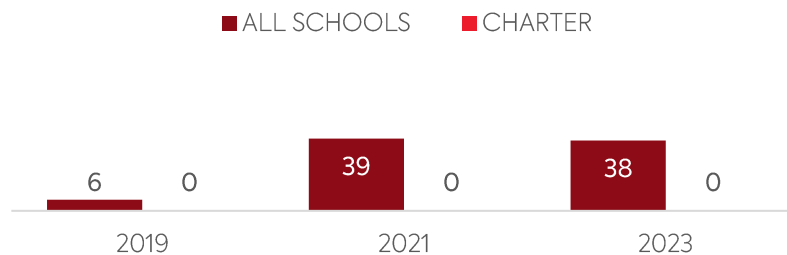
Device Type	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	32	42	12	19%	-46%
LAPTOPS WINDOWS OS	708	27	578	368%	99%
DESKTOPS MAC	0	1	1	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	-21	-100%	-27%
TABLETS IOS	46	11	5	10%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	786	81	575	197%	53%

COMPUTING DEVICES PER STUDENT

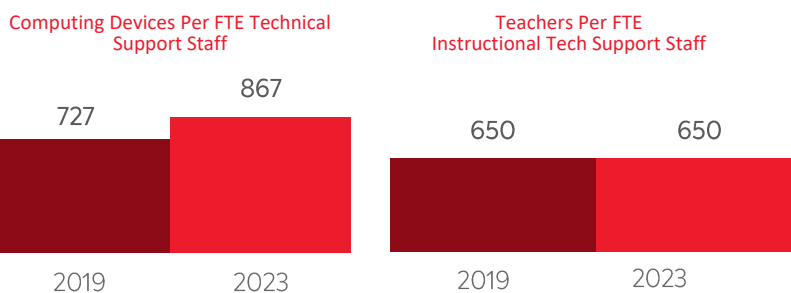


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



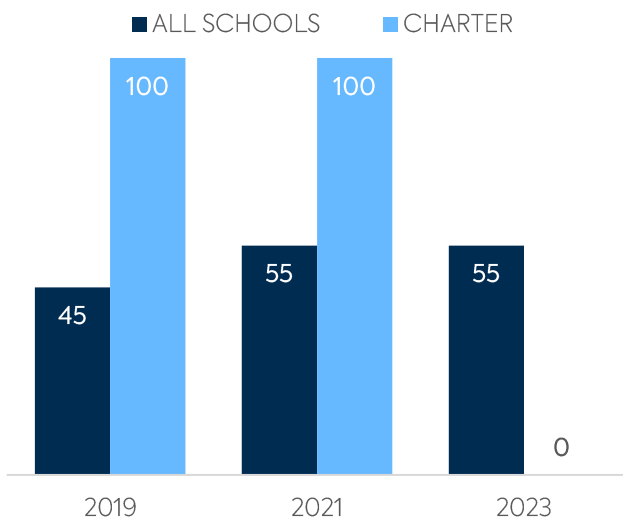
SOLDIER HOLLOW CHARTER SCHOOL

CHARTER FACTS

ENROLLMENT.....	329
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

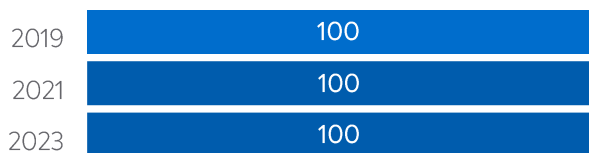
WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)

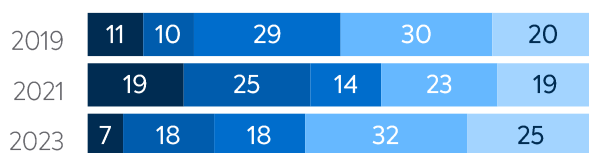


AGE OF WI-FI ACCESS POINTS (%)

Charter



All Schools

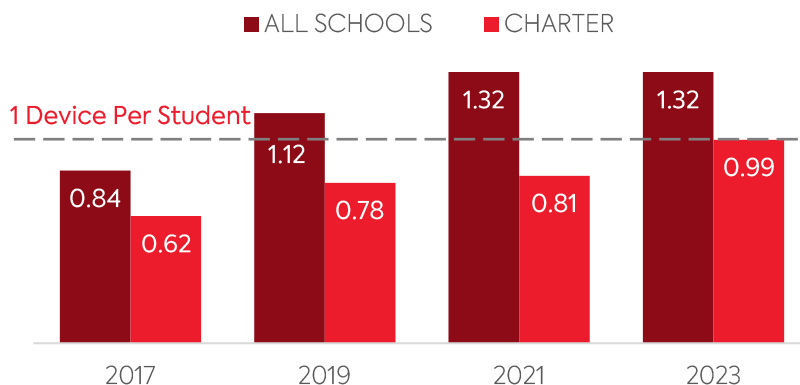


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	6	0	0%	-46%
LAPTOPS WINDOWS OS	0	25	-88	-78%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	300	0	210	233%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	40	8	3	7%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	340	39	125	49%	53%

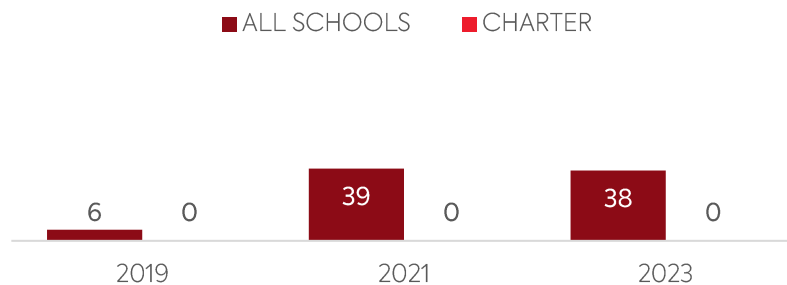
COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

Schools With 1:1 Programs

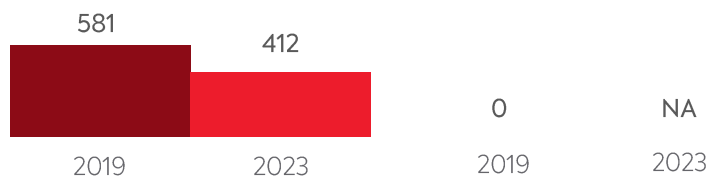
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



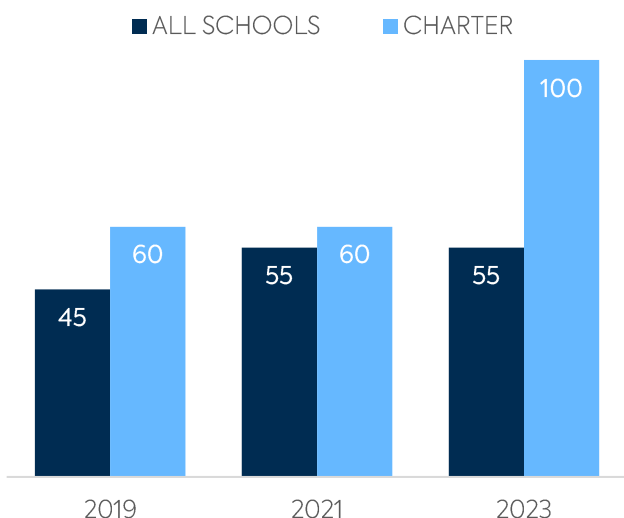
SPECTRUM ACADEMY

CHARTER FACTS

ENROLLMENT.....	1,542
NUMBER OF SCHOOLS.....	5
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

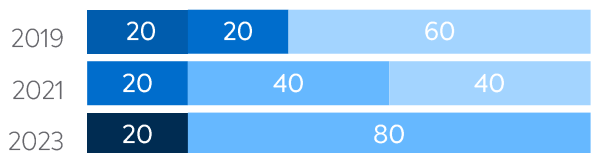
WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)

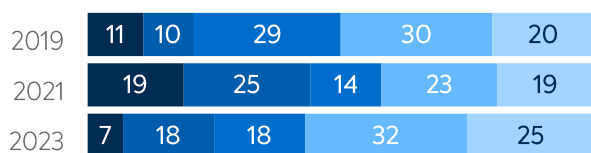


AGE OF WI-FI ACCESS POINTS (%)

Charter



All Schools

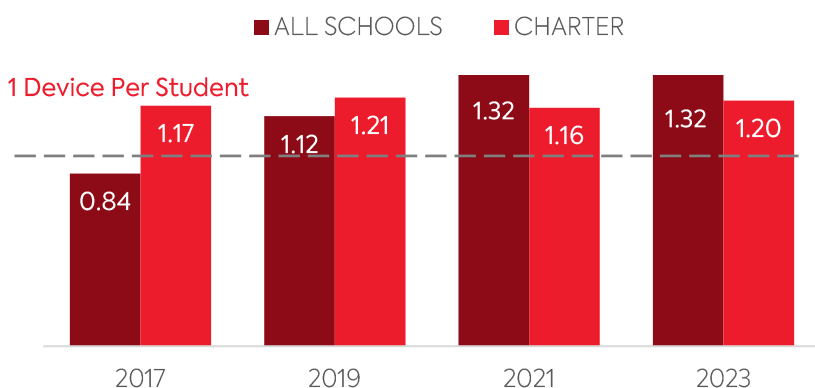


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

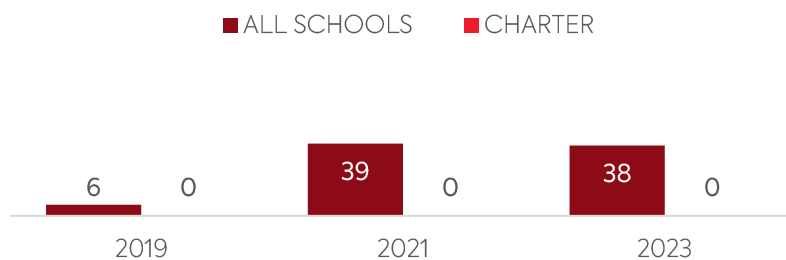
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	103	60	-15	-8%	-46%
LAPTOPS WINDOWS OS	0	181	25	16%	99%
DESKTOPS MAC	0	1	1	N/A	-43%
LAPTOPS MAC	20	130	150	N/A	-3%
CHROMEBOOKS GOOGLE	1,508	158	790	90%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	212	158	-90	-20%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	1,843	688	861	52%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

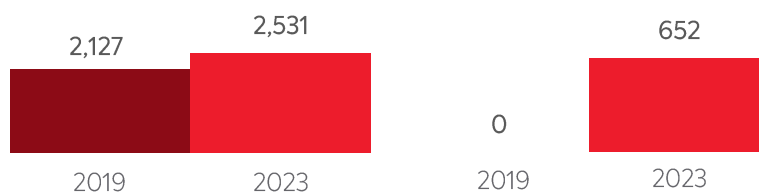
Schools With 1:1 Programs Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



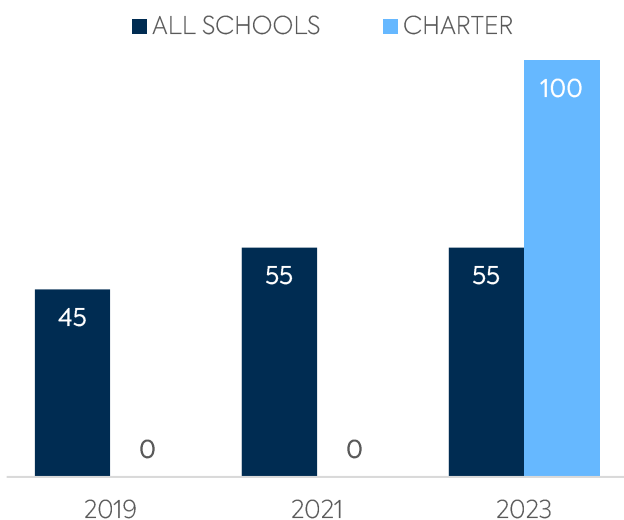
ST. GEORGE ACADEMY

CHARTER FACTS

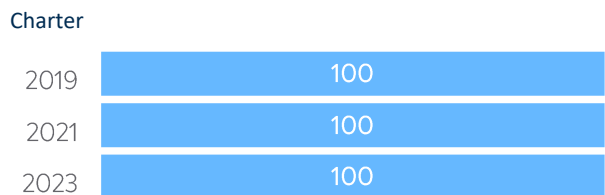
ENROLLMENT.....	208
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

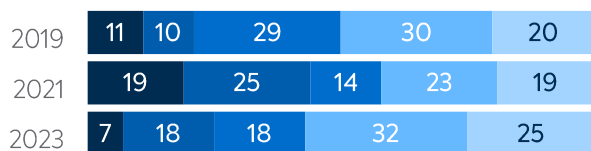
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

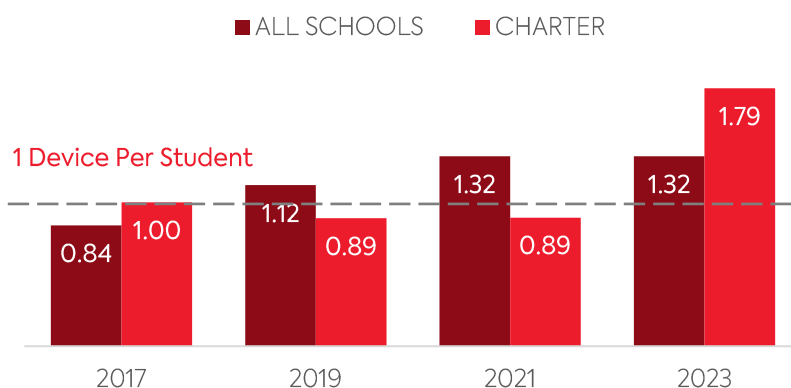


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

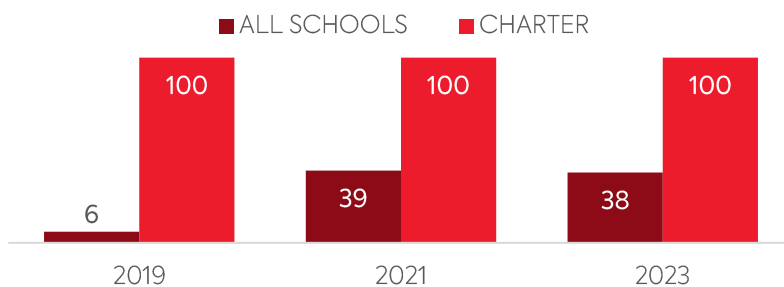
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	48	48	95	9,500%	-46%
LAPTOPS WINDOWS OS	13	13	22	550%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	10	10	11	122%	-3%
CHROMEBOOKS GOOGLE	300	300	389	184%	124%
TABLETS WINDOWS	1	1	2	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	1	1	2	N/A	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	373	373	521	232%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

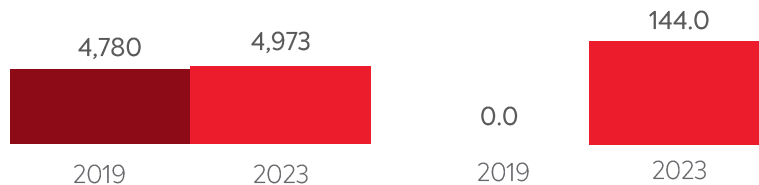
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



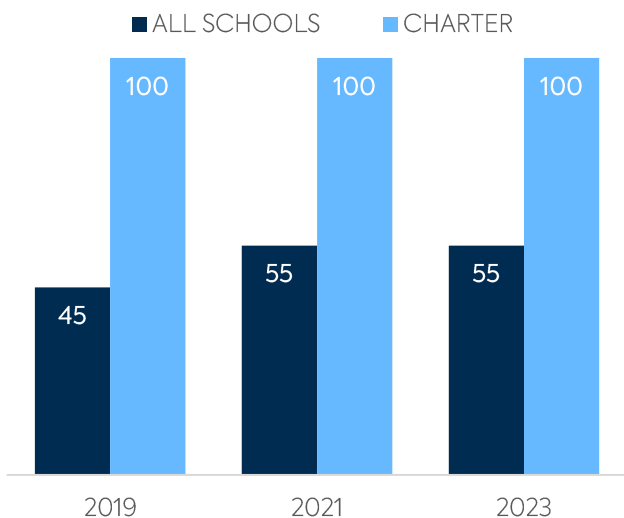
SUCCESS ACADEMY

CHARTER FACTS

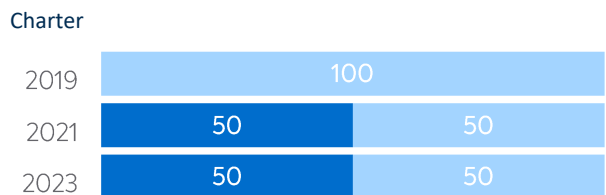
ENROLLMENT.....	522
NUMBER OF SCHOOLS.....	2
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	1%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	10%

WI-FI NETWORK COVERAGE

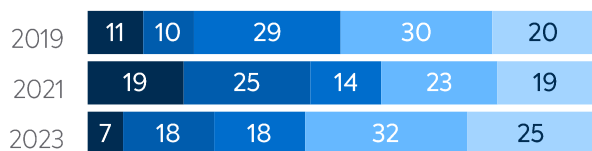
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

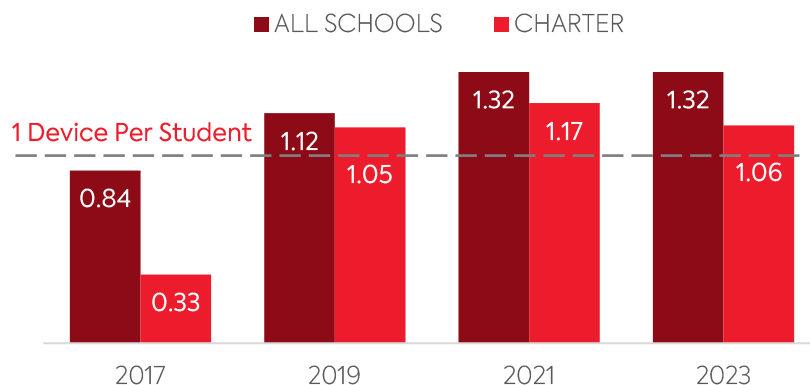


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

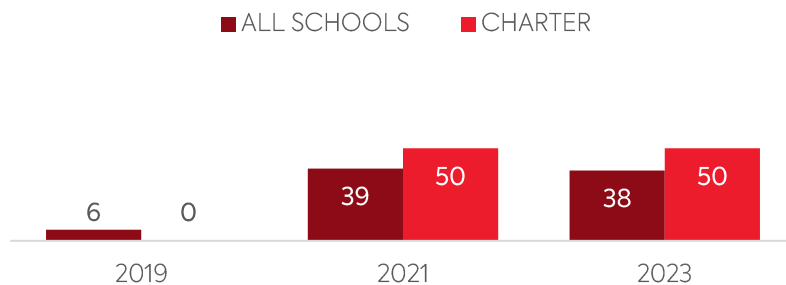
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	24	28	-50	-49%	-46%
LAPTOPS WINDOWS OS	1	6	5	250%	99%
DESKTOPS MAC	63	2	65	N/A	-43%
LAPTOPS MAC	1	1	2	N/A	-3%
CHROMEBOOKS GOOGLE	464	16	412	606%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	0	1	1	N/A	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	553	54	435	253%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

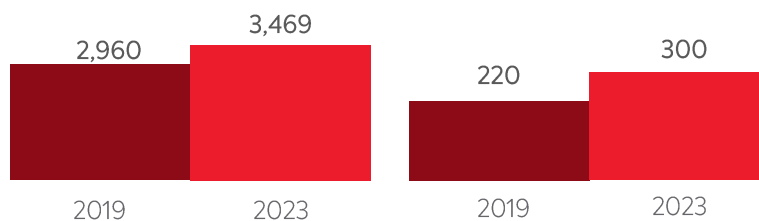
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



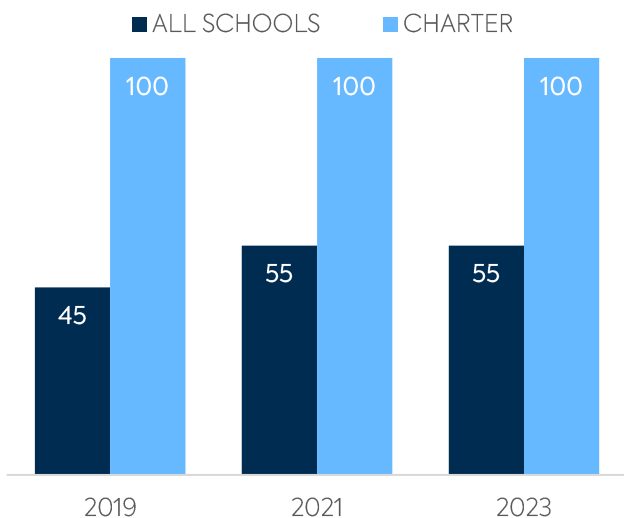
SUMMIT ACADEMY

CHARTER FACTS

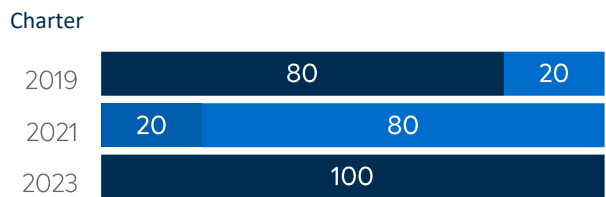
ENROLLMENT.....	2,565
NUMBER OF SCHOOLS.....	5
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

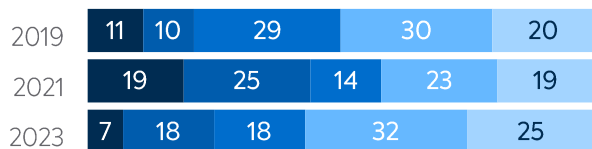
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

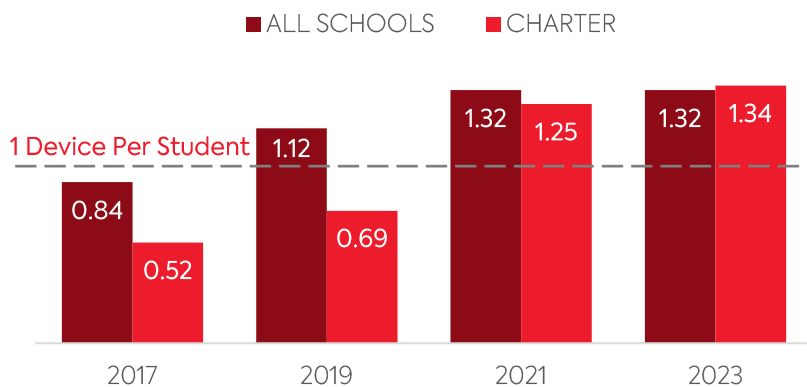


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

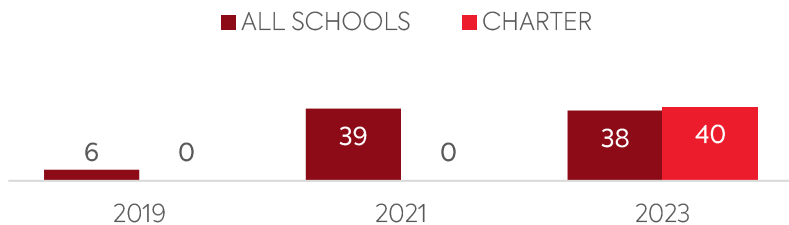
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	120	0	-125	-51%	-46%
LAPTOPS WINDOWS OS	0	175	-23	-12%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	2,987	0	2,057	221%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	-20	-100%	-27%
TABLETS IOS	337	53	-64	-14%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	3,444	228	1,825	99%	53%

COMPUTING DEVICES PER STUDENT

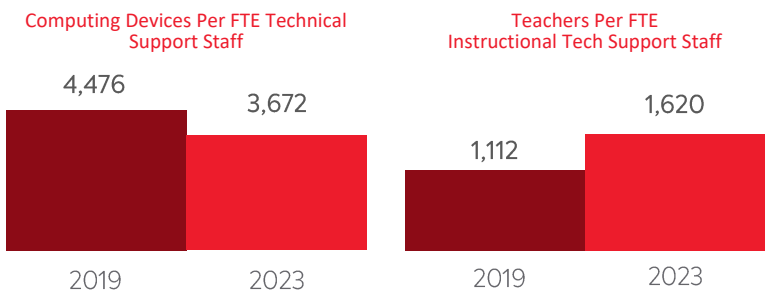


MOBILE DEPLOYMENT

Schools With 1:1 Programs Where Students Can Take Devices Home (%)



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



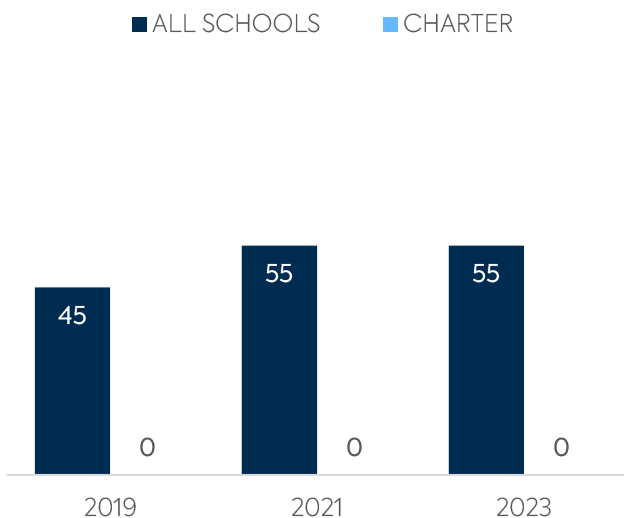
SYRACUSE ARTS ACADEMY (K-6)

CHARTER FACTS

ENROLLMENT.....	1,724
NUMBER OF SCHOOLS.....	2
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

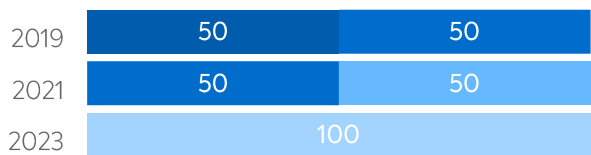
WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)

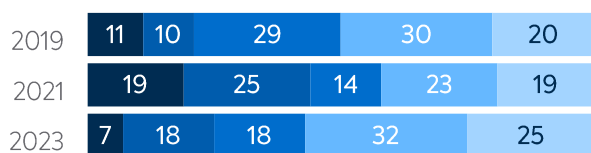


AGE OF WI-FI ACCESS POINTS (%)

Charter



All Schools

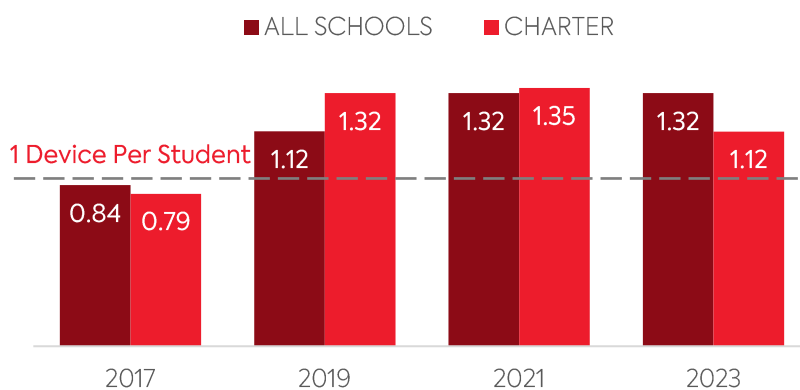


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

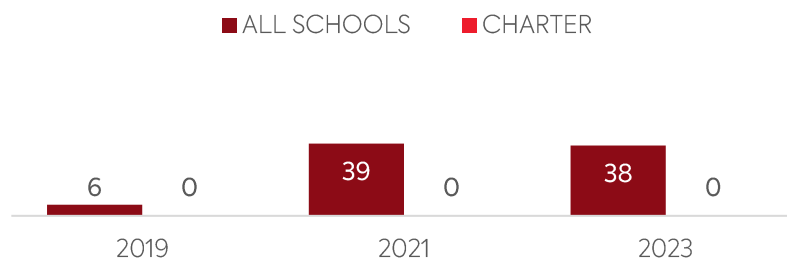
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	32	0	0	0%	-46%
LAPTOPS WINDOWS OS	32	93	-835	-87%	99%
DESKTOPS MAC	0	0	-4	-100%	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	1,212	0	1,212	N/A	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	652	90	112	18%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	1,928	183	485	30%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

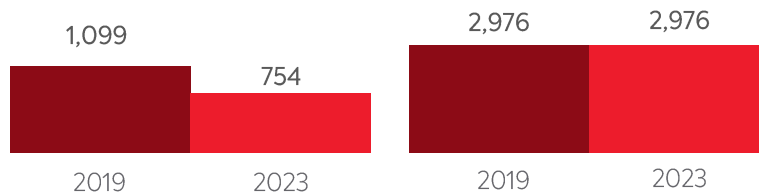
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



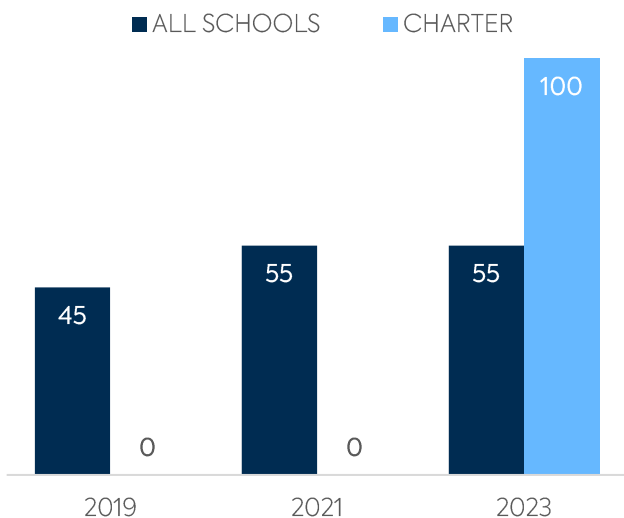
TERRA ACADEMY

CHARTER FACTS

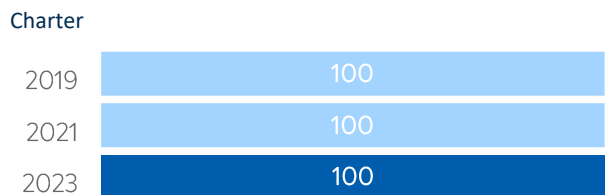
ENROLLMENT.....	631
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

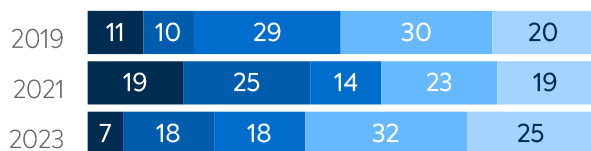
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

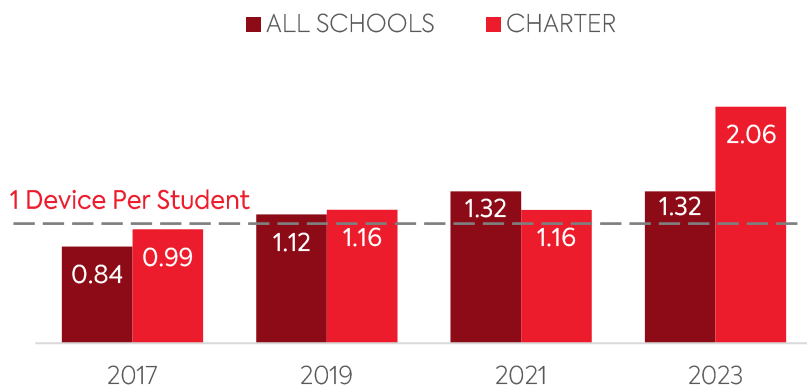


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

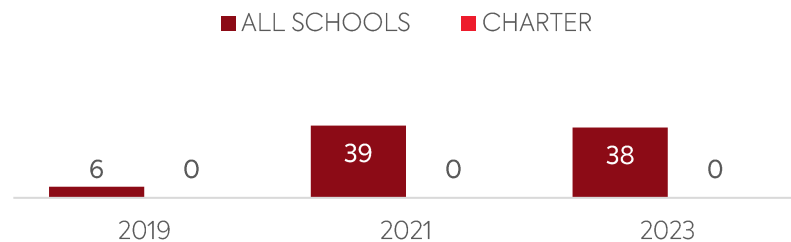
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	3	15	-12	-40%	-46%
LAPTOPS WINDOWS OS	0	41	11	37%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	1,294	0	673	108%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	0	5	5	N/A	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	1,297	61	677	99%	53%

COMPUTING DEVICES PER STUDENT

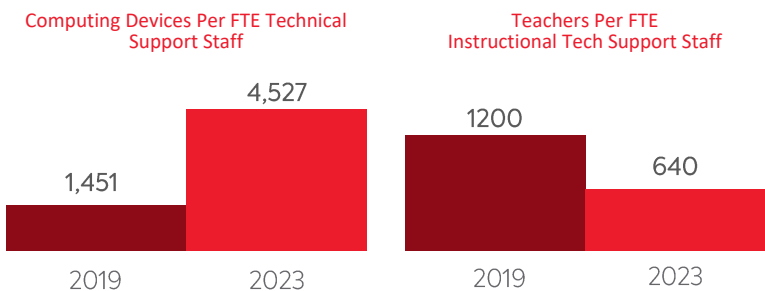


MOBILE DEPLOYMENT

Schools With 1:1 Programs Where Students Can Take Devices Home (%)



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



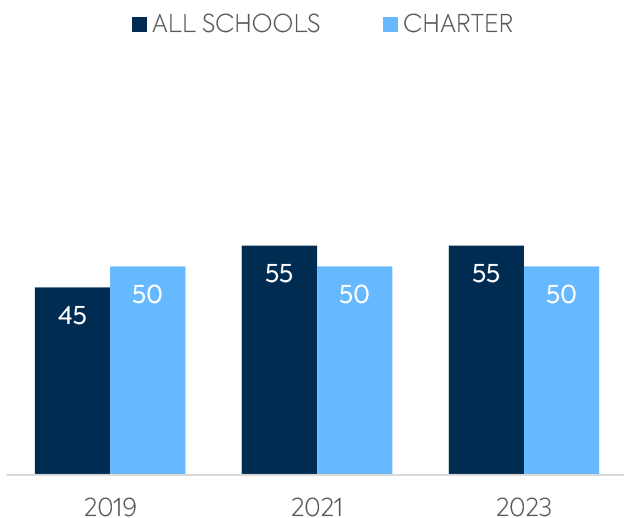
THOMAS EDISON CHARTER SCHOOL

CHARTER FACTS

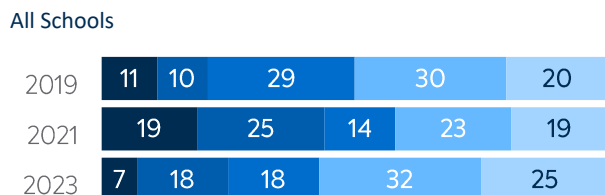
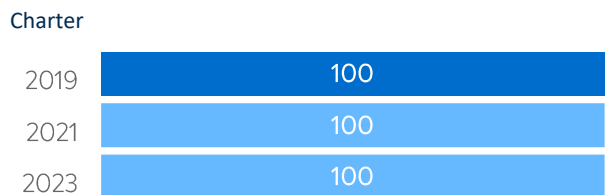
ENROLLMENT.....	1,203
NUMBER OF SCHOOLS.....	2
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)

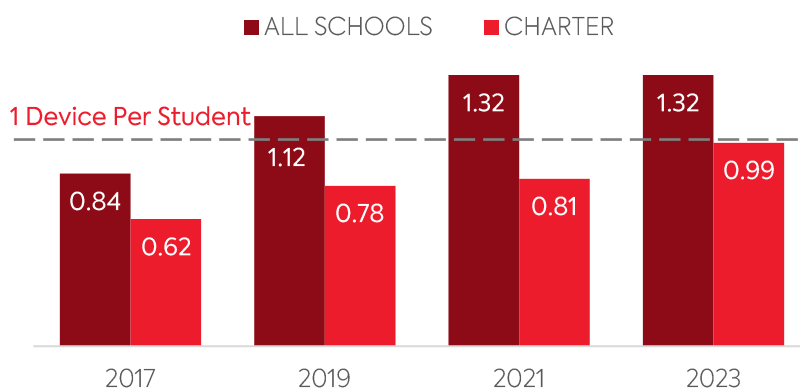


■ Less Than 1 Yr. Old ■ 1 Year Old
■ 2 Years Old ■ 3 Years Old
■ 4+ Years Old ■ Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

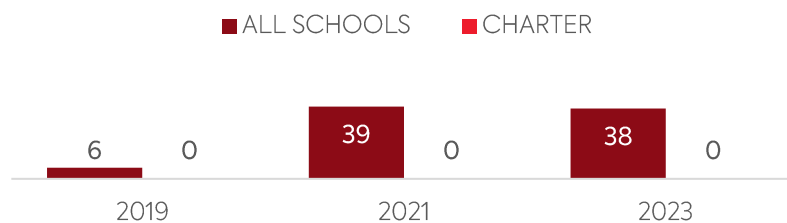
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	136	76	13	7%	-46%
LAPTOPS WINDOWS OS	10	23	-52	-61%	99%
DESKTOPS MAC	0	0	-1	-100%	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	1,200	0	-300	-20%	124%
TABLETS WINDOWS	0	0	-60	-100%	125%
TABLETS ANDROID	60	41	100	10,000%	-27%
TABLETS IOS	10	12	9	69%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	1,416	152	-291	-16%	53%

COMPUTING DEVICES PER STUDENT

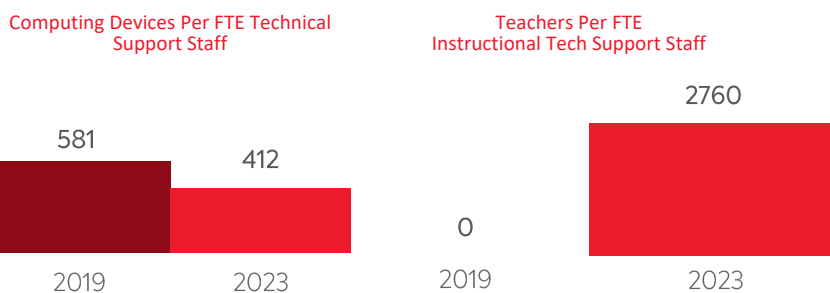


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



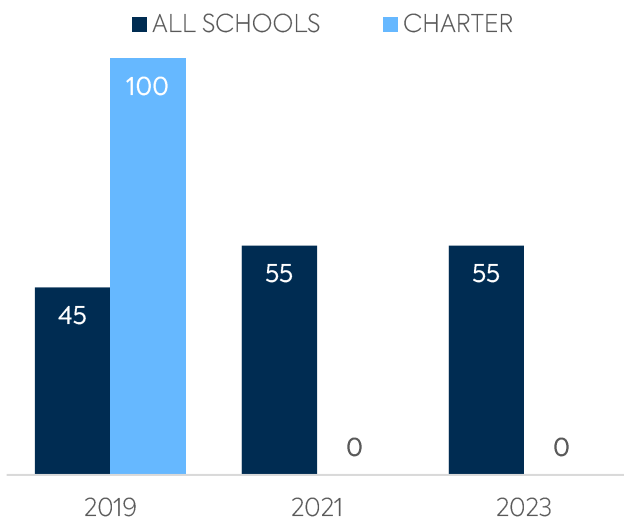
TIMPANOGOS ACADEMY

CHARTER FACTS

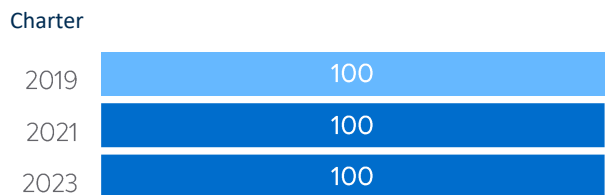
ENROLLMENT.....	520
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

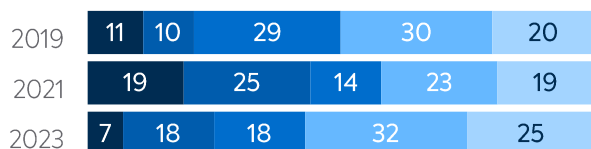
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

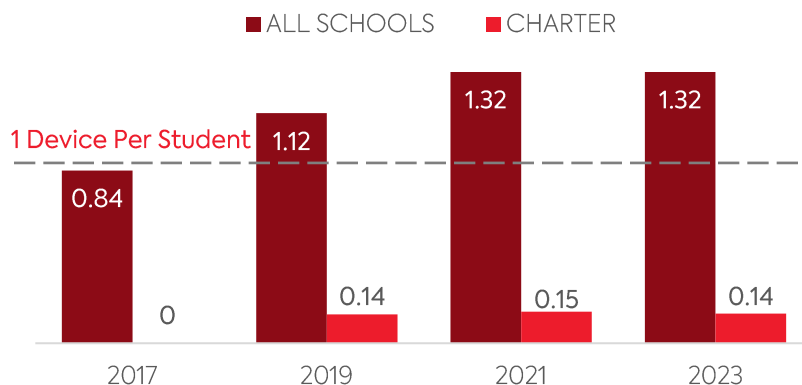


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

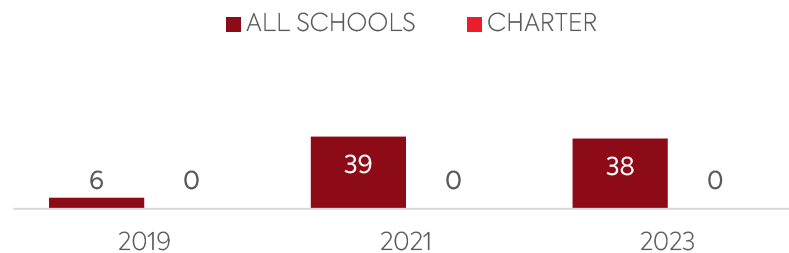
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	30	2	32	N/A	-46%
LAPTOPS WINDOWS OS	25	45	70	N/A	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	20	0	20	N/A	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	75	47	122	N/A	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

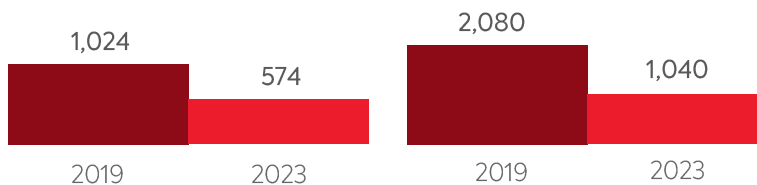
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



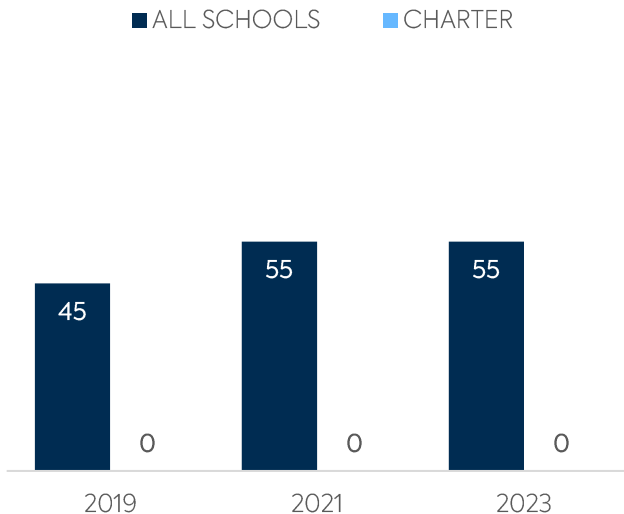
TREESIDE CHARTER SCHOOL

CHARTER FACTS

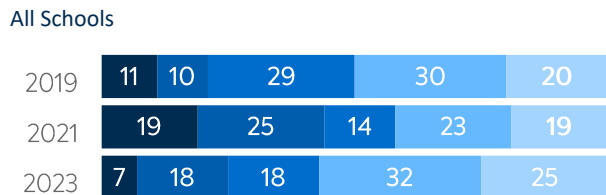
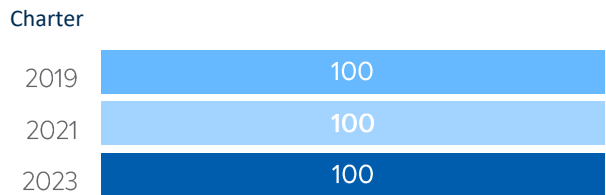
ENROLLMENT.....	409
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)

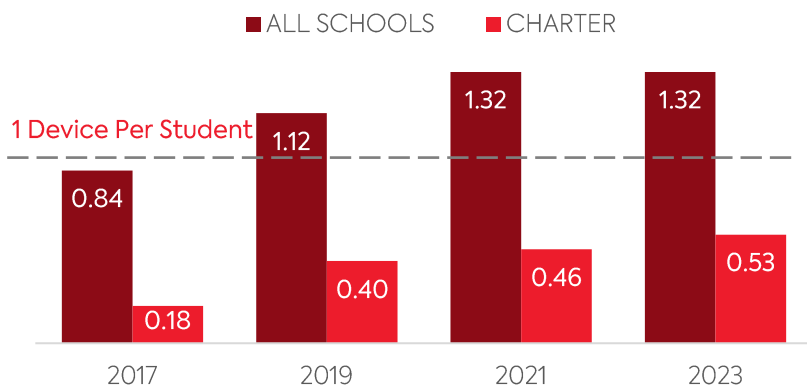


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

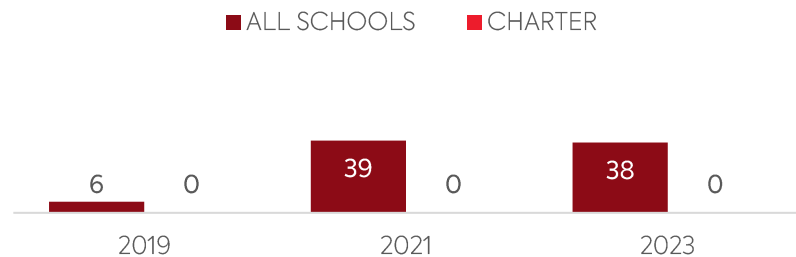
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	1	-21	-96%	-46%
LAPTOPS WINDOWS OS	30	33	62	6,200%	99%
DESKTOPS MAC	0	0	-1	-100%	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	180	0	105	140%	124%
TABLETS WINDOWS	1	1	2	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	5	12	12	240%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	216	47	159	153%	53%

COMPUTING DEVICES PER STUDENT

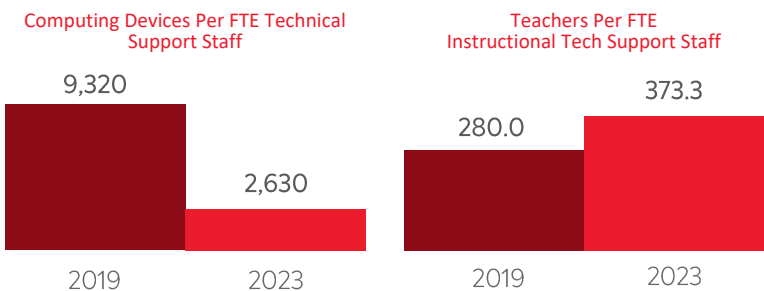


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



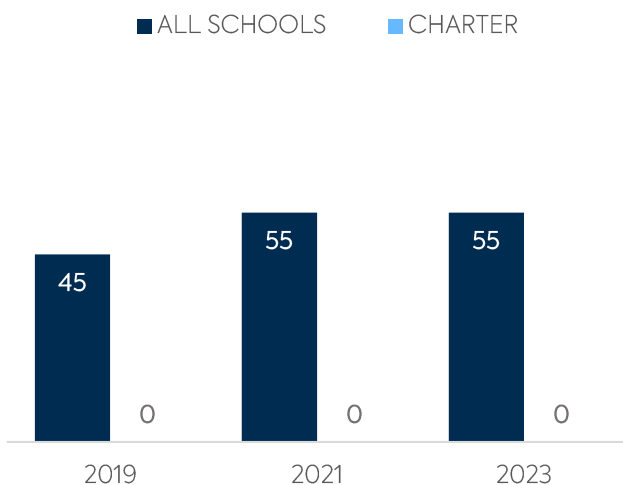
UINTAH RIVER HIGH SCHOOL

CHARTER FACTS

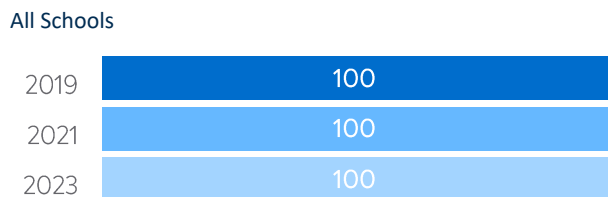
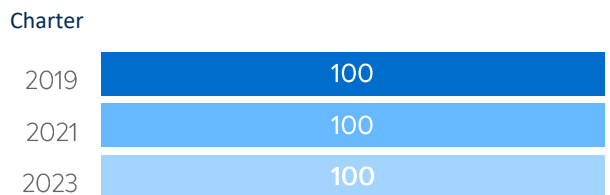
ENROLLMENT.....	79
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)

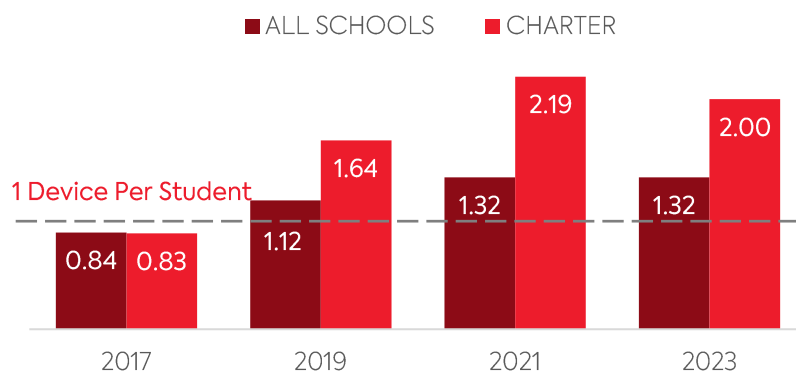


■ Less Than 1 Yr. Old ■ 1 Year Old
■ 2 Years Old ■ 3 Years Old
■ 4+ Years Old ■ Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

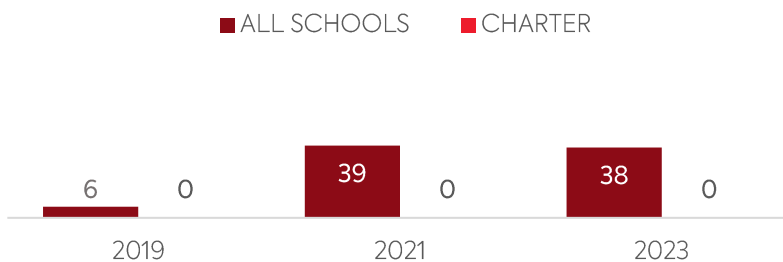
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	18	17	-2	-5%	-46%
LAPTOPS WINDOWS OS	0	11	6	120%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	92	0	72	360%	124%
TABLETS WINDOWS	48	0	48	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	0	0	-15	-100%	21%
OTHER DEVICES	0	7	7	N/A	-90%
ALL COMPUTING DEVICES	158	35	116	151%	53%

COMPUTING DEVICES PER STUDENT

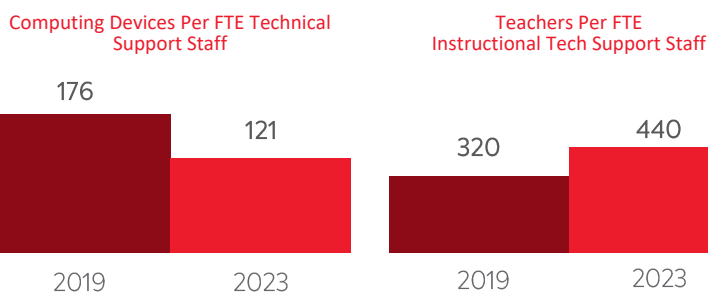


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



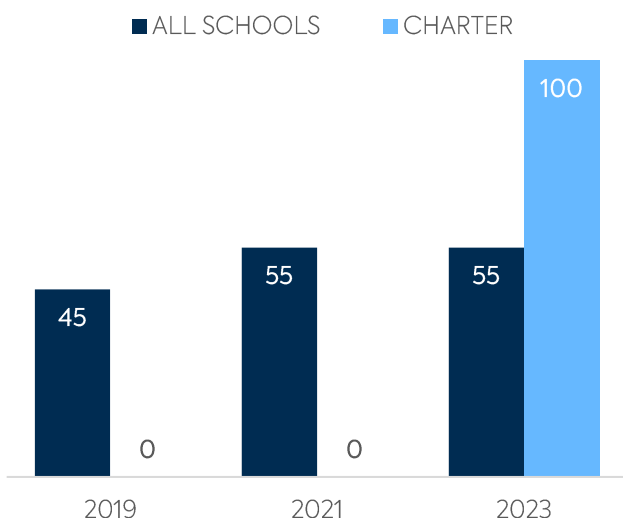
UTAH ARTS ACADEMY

CHARTER FACTS

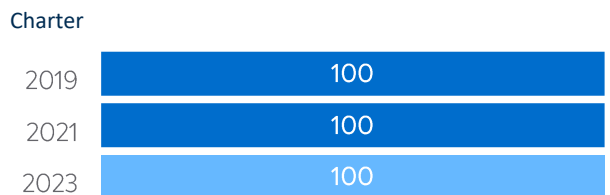
ENROLLMENT.....	281
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

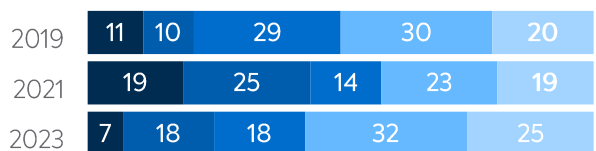
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

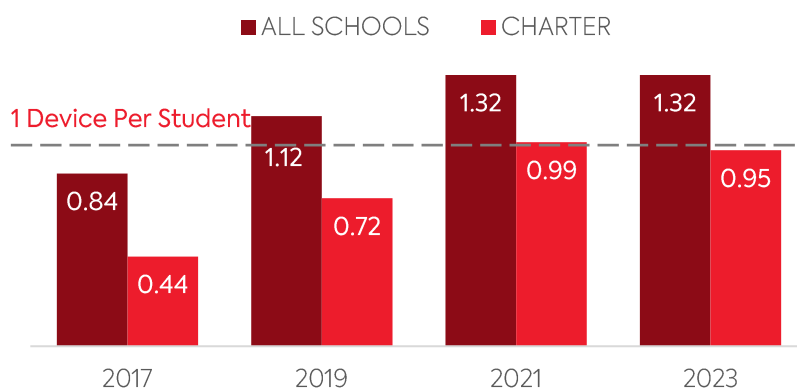


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

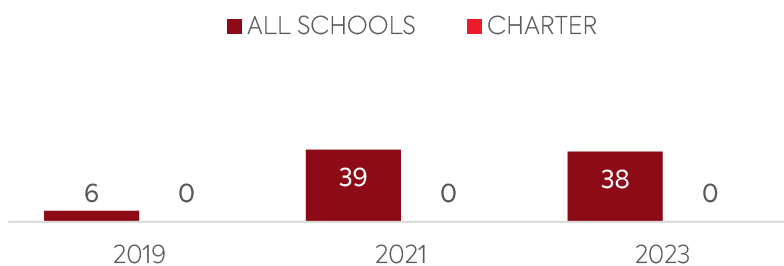
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	0	-67	-100%	-46%
LAPTOPS WINDOWS OS	0	1	-37	-97%	99%
DESKTOPS MAC	0	0	-2	-100%	-43%
LAPTOPS MAC	60	25	73	608%	-3%
CHROMEBOOKS GOOGLE	200	0	118	144%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	8	2	-20	-67%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	268	28	65	28%	53%

COMPUTING DEVICES PER STUDENT

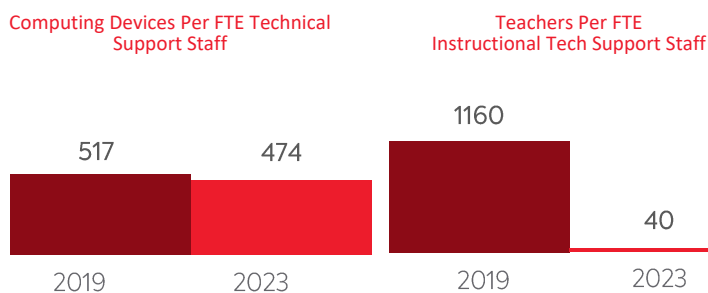


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



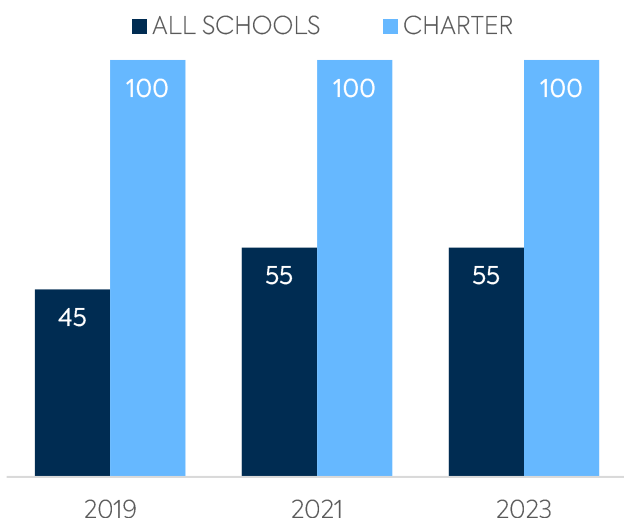
UTAH CAREER PATH HIGH

CHARTER FACTS

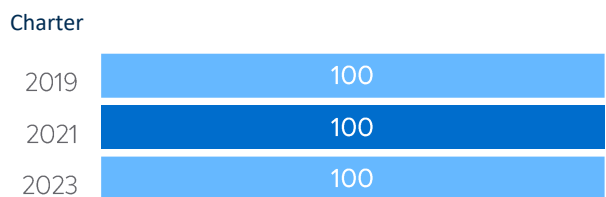
ENROLLMENT.....	175
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

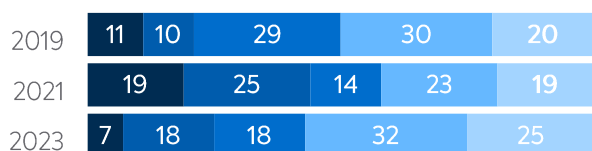
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

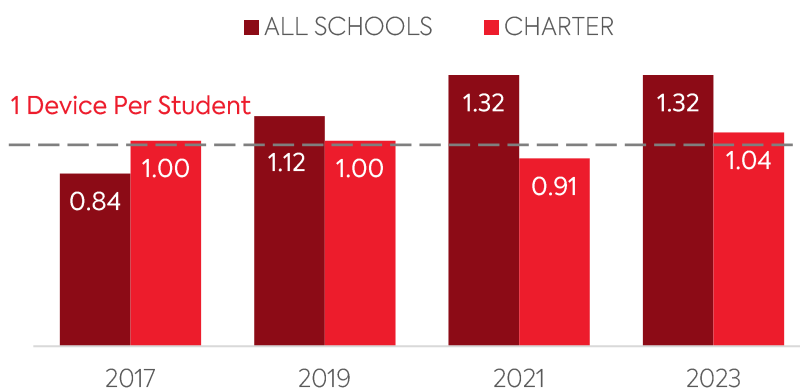


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

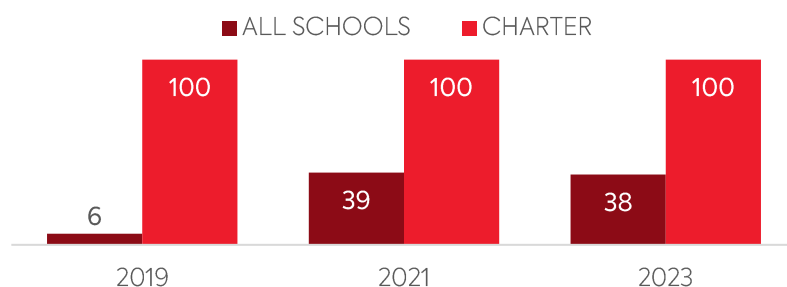
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	0	0	N/A	-46%
LAPTOPS WINDOWS OS	0	0	-1	-100%	99%
DESKTOPS MAC	0	1	-1	-50%	-43%
LAPTOPS MAC	0	27	-168	-86%	-3%
CHROMEBOOKS GOOGLE	182	0	182	N/A	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	182	28	12	6%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

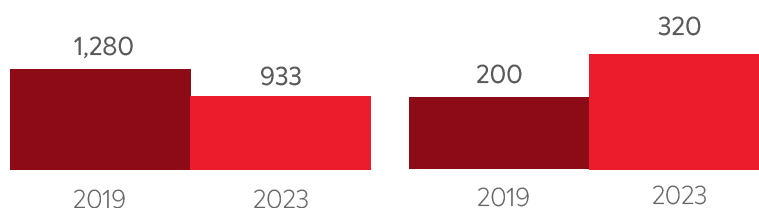
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



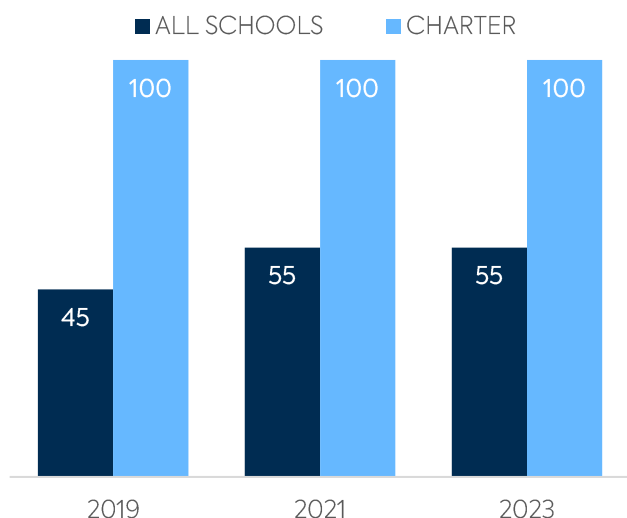
UTAH COUNTY ACADEMY OF SCIENCES (UCAS)

CHARTER FACTS

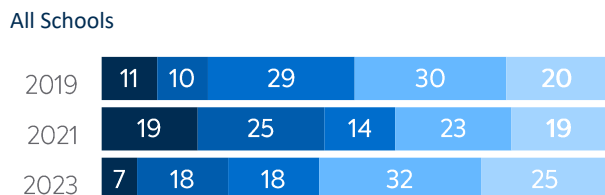
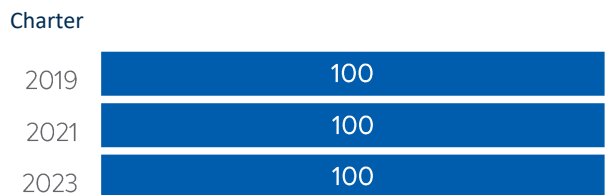
ENROLLMENT.....	610
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)

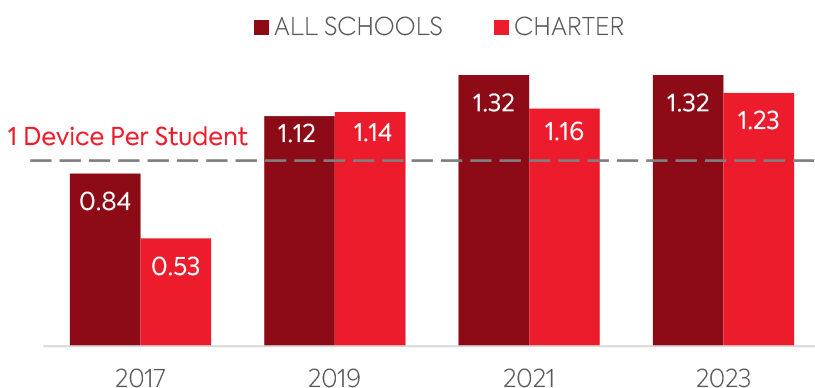


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

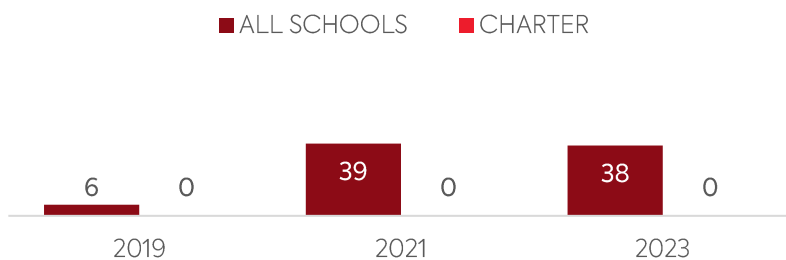
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	90	27	42	56%	-46%
LAPTOPS WINDOWS OS	10	11	21	N/A	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	2	3	5	N/A	-3%
CHROMEBOOKS GOOGLE	650	0	500	333%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	0	0	0	N/A	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	752	41	568	252%	53%

COMPUTING DEVICES PER STUDENT

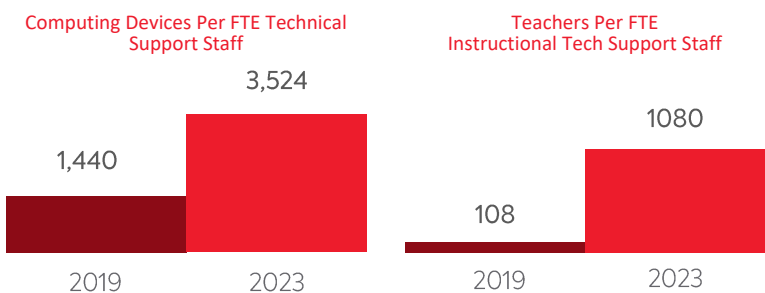


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



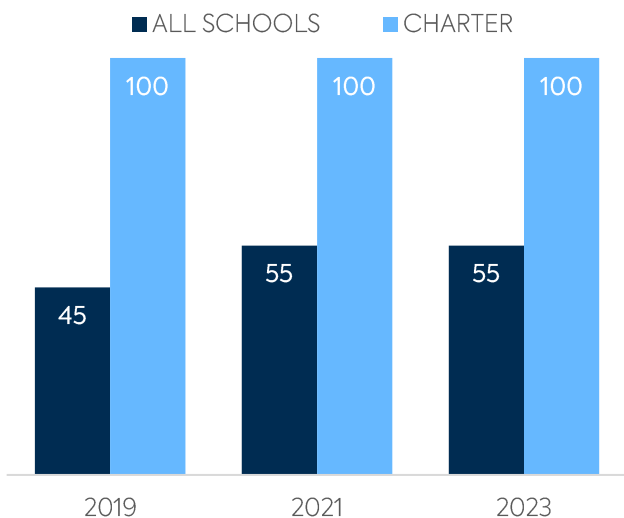
UTAH INTERNATIONAL CHARTER SCHOOL

CHARTER FACTS

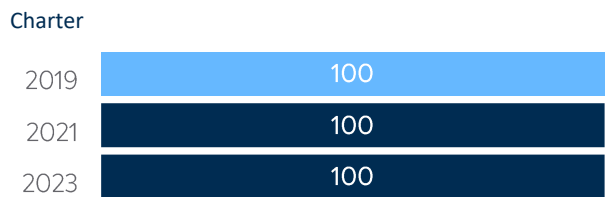
ENROLLMENT.....	191
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	40%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

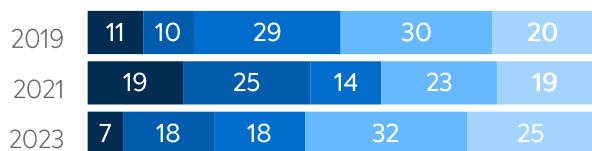
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

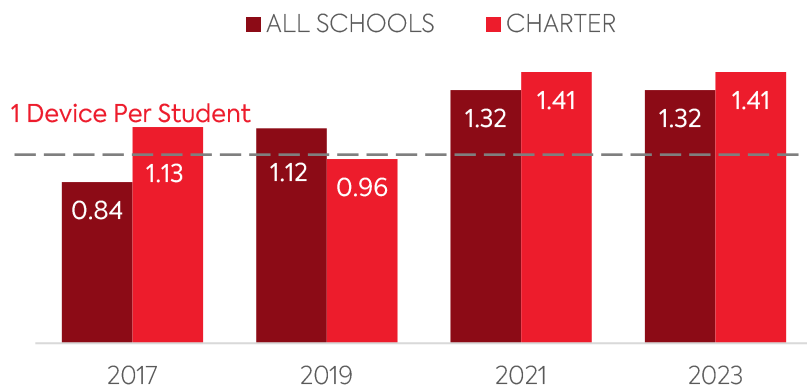


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

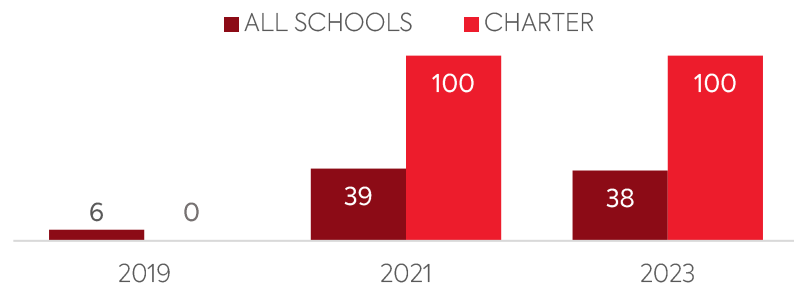
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	0	0	N/A	-46%
LAPTOPS WINDOWS OS	20	0	-10	-33%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	21	1	5%	-3%
CHROMEBOOKS GOOGLE	250	0	0	0%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	0	5	5	N/A	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	270	26	-4	-1%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

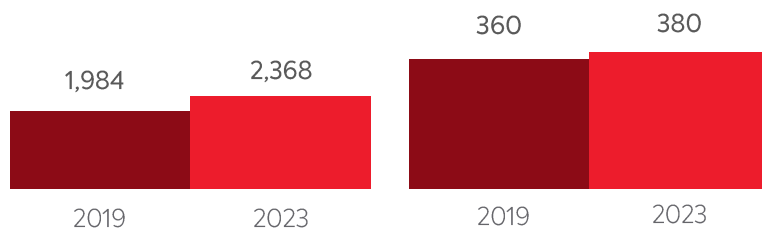
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



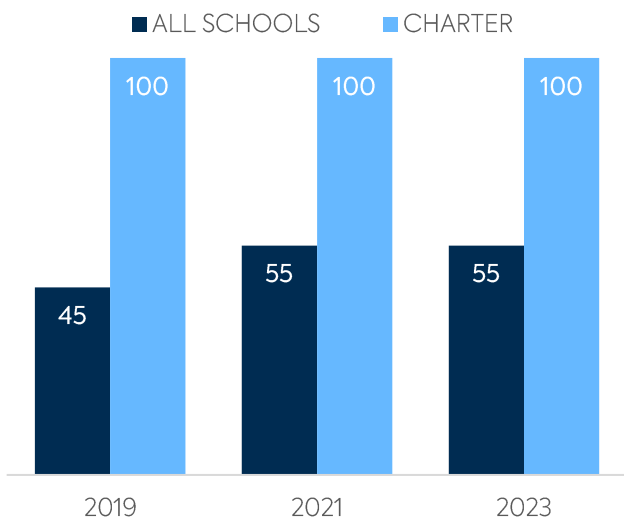
UTAH MILITARY ACADEMY

CHARTER FACTS

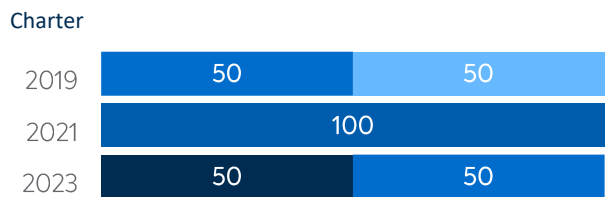
ENROLLMENT.....	897
NUMBER OF SCHOOLS.....	2
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

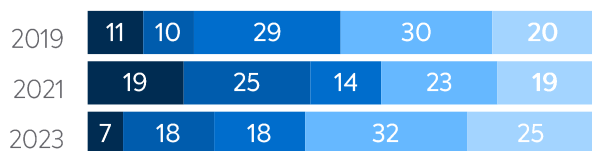
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

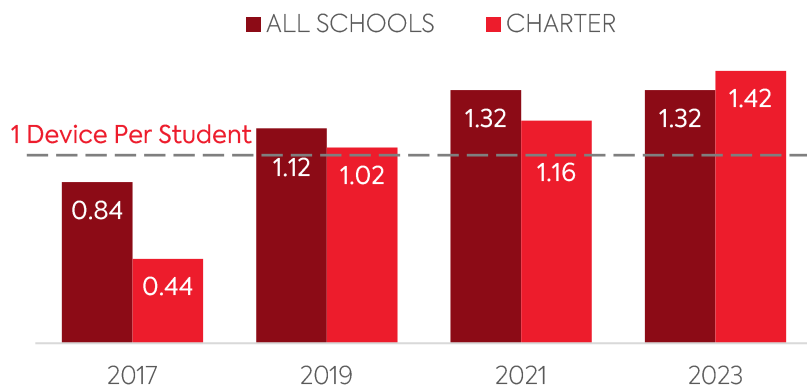


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

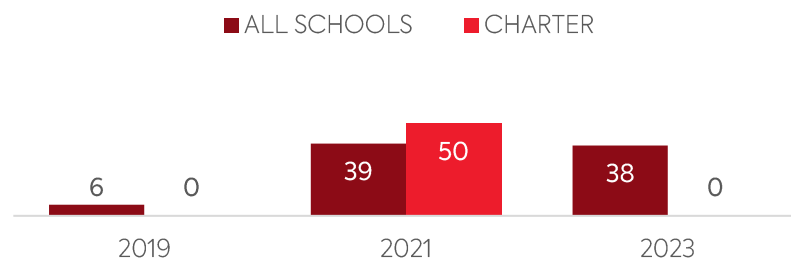
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	112	16	19	17%	-46%
LAPTOPS WINDOWS OS	65	109	86	98%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	1,097	3	860	358%	124%
TABLETS WINDOWS	0	1	1	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	0	2	2	N/A	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	1,274	131	968	222%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

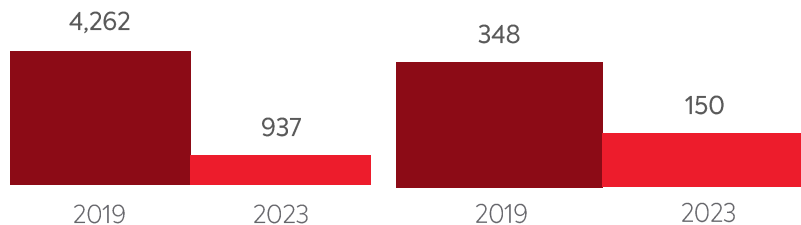
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



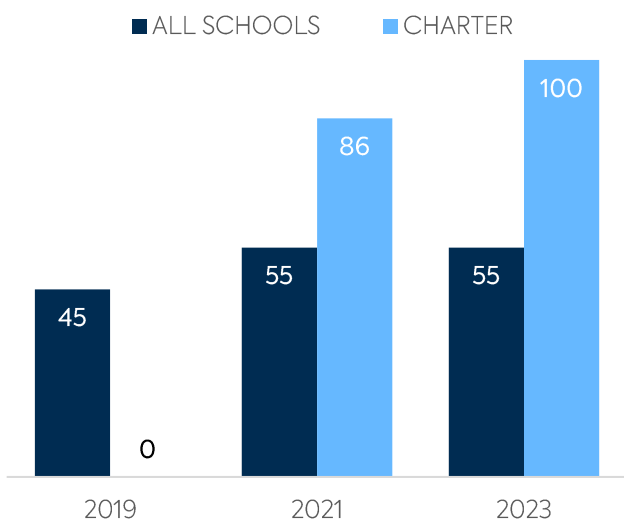
UTAH SCHOOL FOR THE DEAF AND THE BLIND

CHARTER FACTS

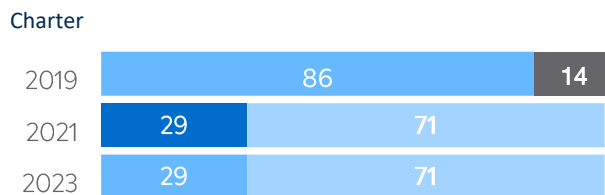
ENROLLMENT.....	191
NUMBER OF SCHOOLS.....	7
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

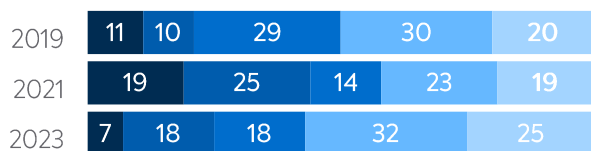
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

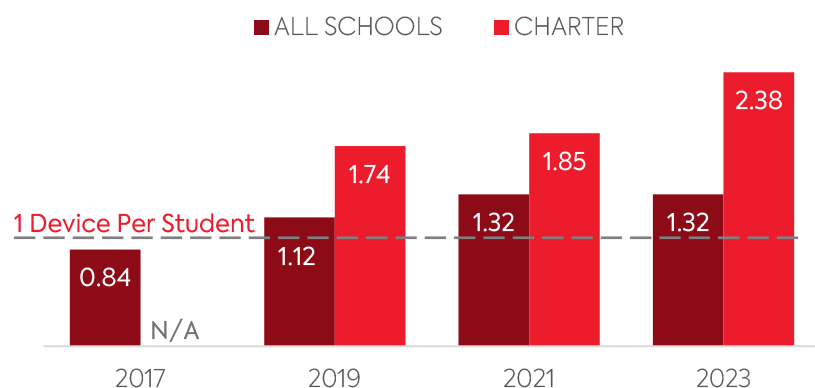


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

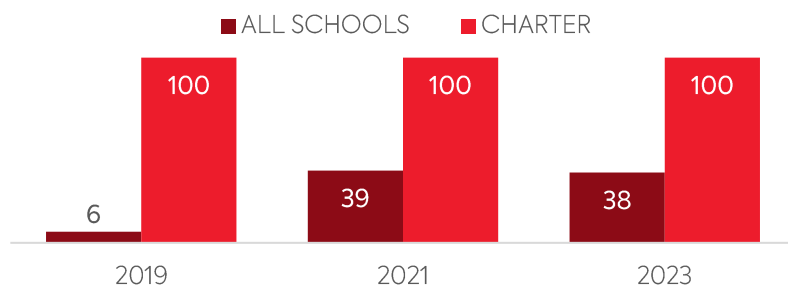
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	71	135	206	N/A	-46%
LAPTOPS WINDOWS OS	80	115	195	N/A	99%
DESKTOPS MAC	4	17	21	N/A	-43%
LAPTOPS MAC	0	93	93	N/A	-3%
CHROMEBOOKS GOOGLE	82	12	94	N/A	124%
TABLETS WINDOWS	4	0	4	N/A	125%
TABLETS ANDROID	12	0	12	N/A	-27%
TABLETS IOS	191	107	298	N/A	21%
OTHER DEVICES	10	6	16	N/A	-90%
ALL COMPUTING DEVICES	454	485	939	N/A	53%

COMPUTING DEVICES PER STUDENT



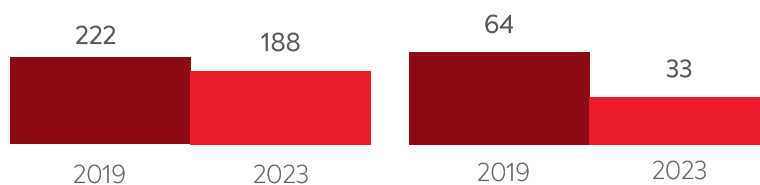
MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff Teachers Per FTE Instructional Tech Support Staff



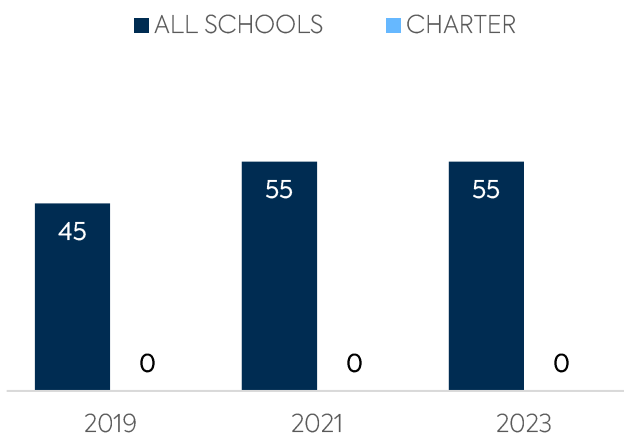
VALLEY ACADEMY

CHARTER FACTS

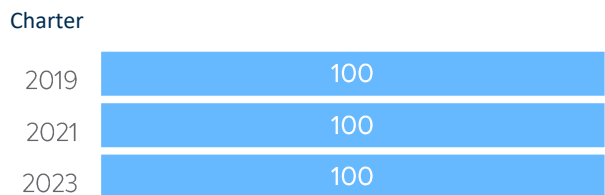
ENROLLMENT.....	446
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

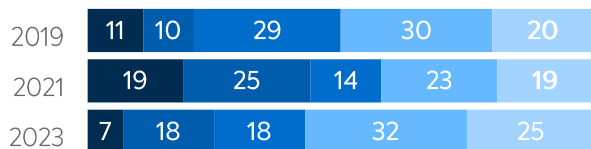
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

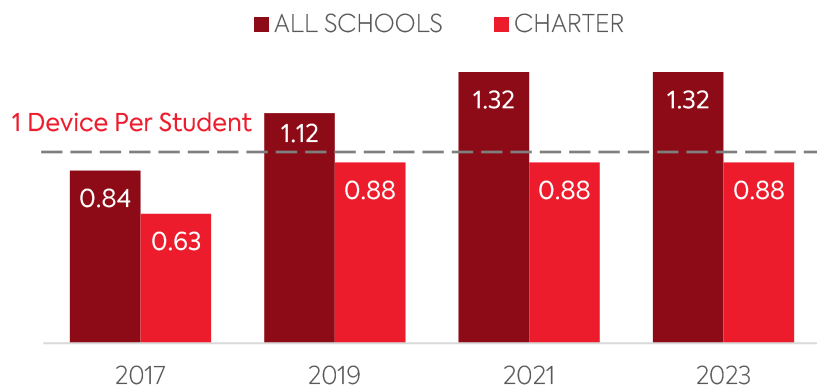


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

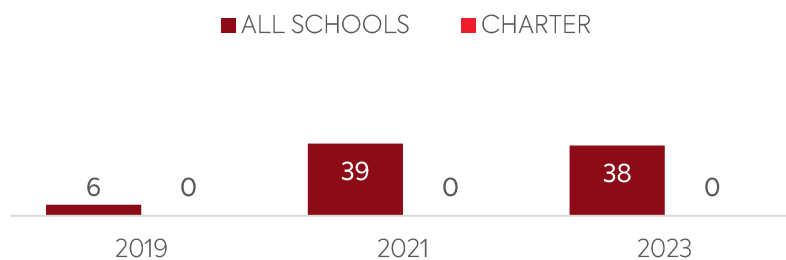
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	35	35	N/A	-46%
LAPTOPS WINDOWS OS	5	10	10	200%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	4	4	N/A	-3%
CHROMEBOOKS GOOGLE	0	0	0	N/A	124%
TABLETS WINDOWS	23	160	0	0%	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	15	0	15	N/A	21%
OTHER DEVICES	350	0	158	82%	-90%
ALL COMPUTING DEVICES	393	209	222	58%	53%

COMPUTING DEVICES PER STUDENT

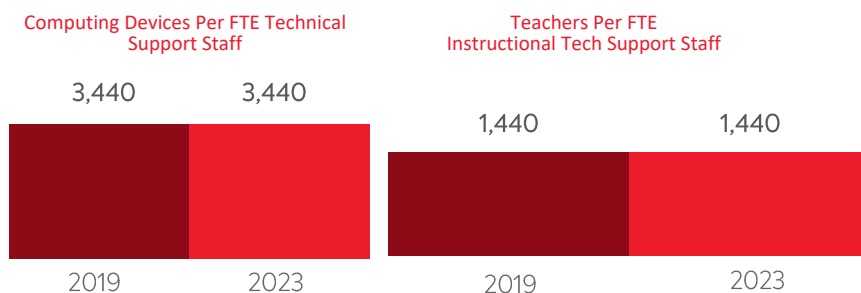


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



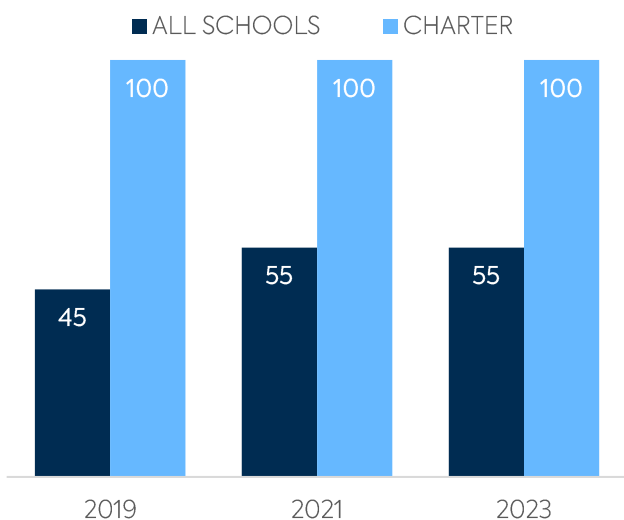
VANGUARD ACADEMY (7-12)

CHARTER FACTS

ENROLLMENT.....	568
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

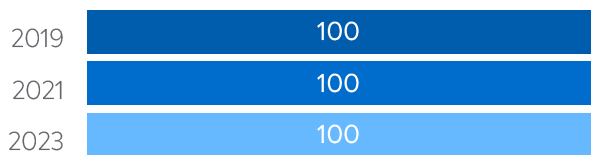
WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)

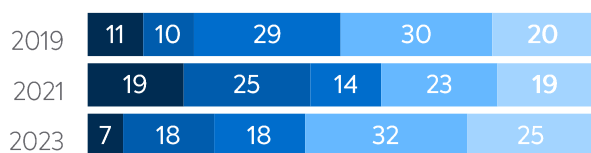


AGE OF WI-FI ACCESS POINTS (%)

Charter



All Schools

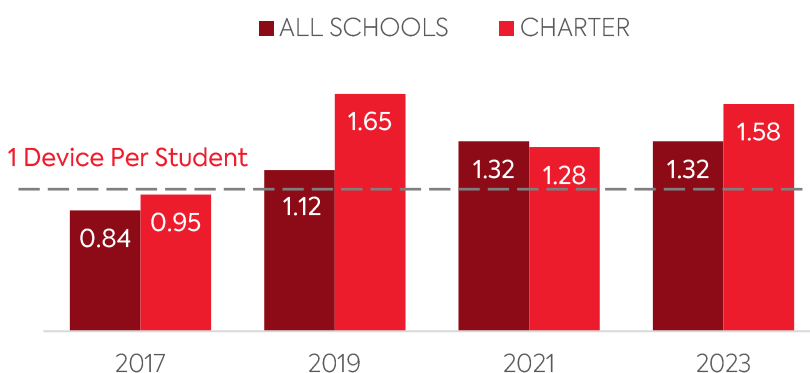


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

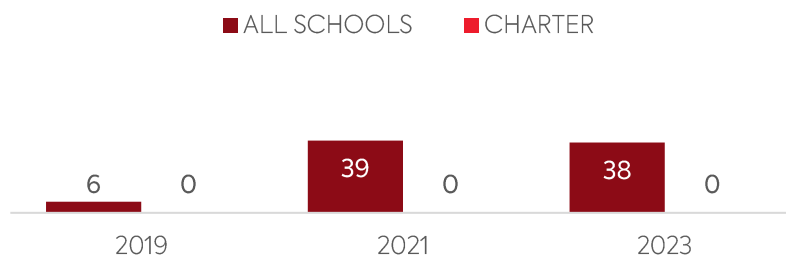
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	120	8	60	88%	-46%
LAPTOPS WINDOWS OS	60	62	54	79%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	3	-29	-91%	-3%
CHROMEBOOKS GOOGLE	686	0	386	129%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	30	3	33	N/A	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	896	76	504	108%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

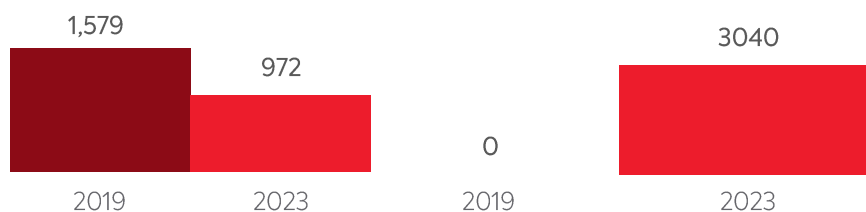
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



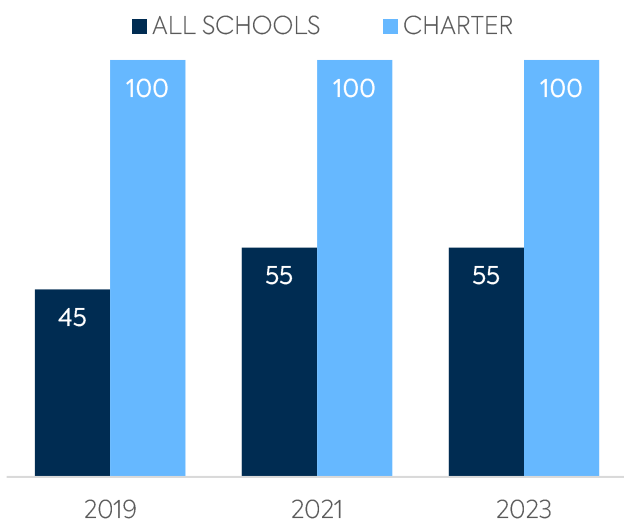
VENTURE ACADEMY

CHARTER FACTS

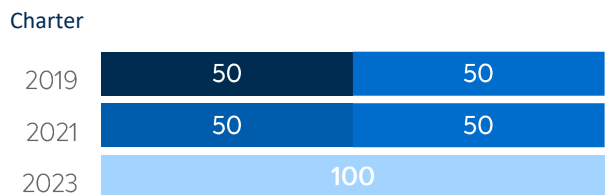
ENROLLMENT.....	798
NUMBER OF SCHOOLS.....	2
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	1%

WI-FI NETWORK COVERAGE

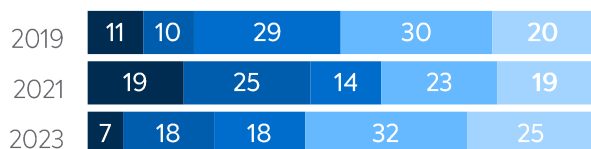
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

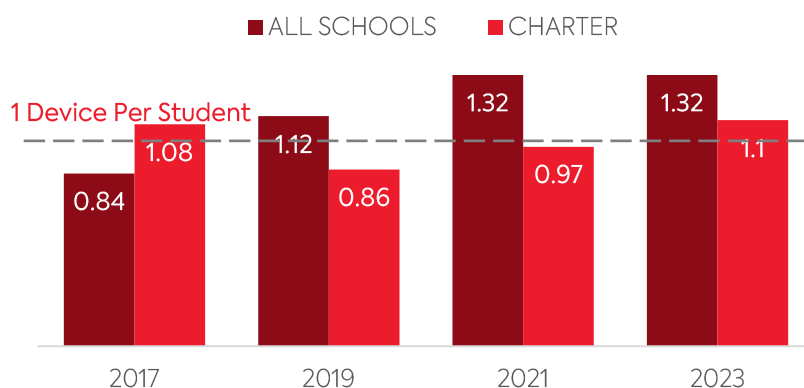


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

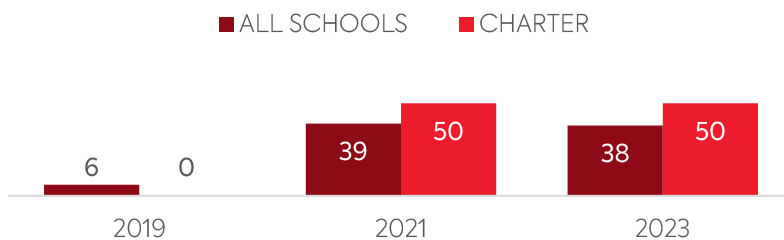
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	53	60	-35	-24%	-46%
LAPTOPS WINDOWS OS	0	3	-25	-89%	99%
DESKTOPS MAC	28	2	30	N/A	-43%
LAPTOPS MAC	0	0	-6	-100%	-3%
CHROMEBOOKS GOOGLE	798	3	478	148%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	1	0	1	N/A	-27%
TABLETS IOS	0	6	6	N/A	21%
OTHER DEVICES	0	0	-400	-100%	-90%
ALL COMPUTING DEVICES	880	74	49	5%	53%

COMPUTING DEVICES PER STUDENT

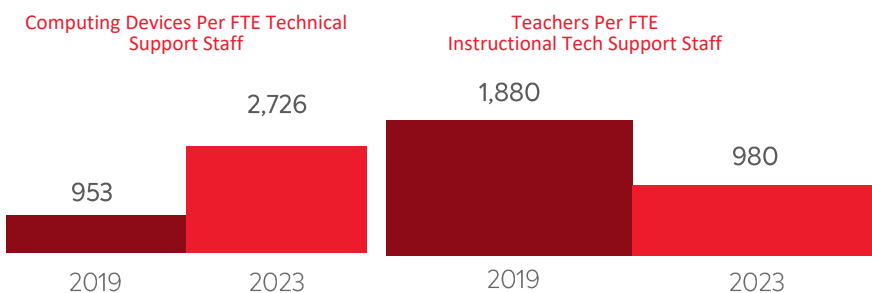


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



VISTA AT ENTRADA

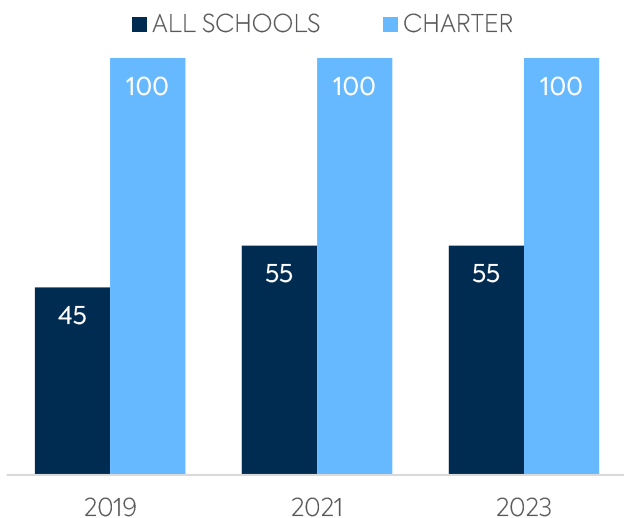
SCHOOL OF PERFORMING ARTS & TECHNOLOGY

CHARTER FACTS

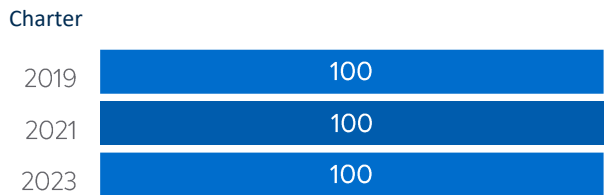
ENROLLMENT.....	1,117
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	1%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

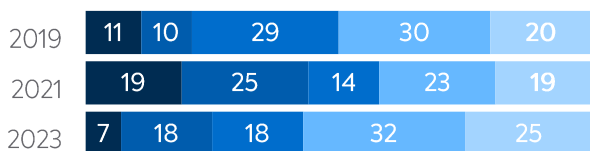
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

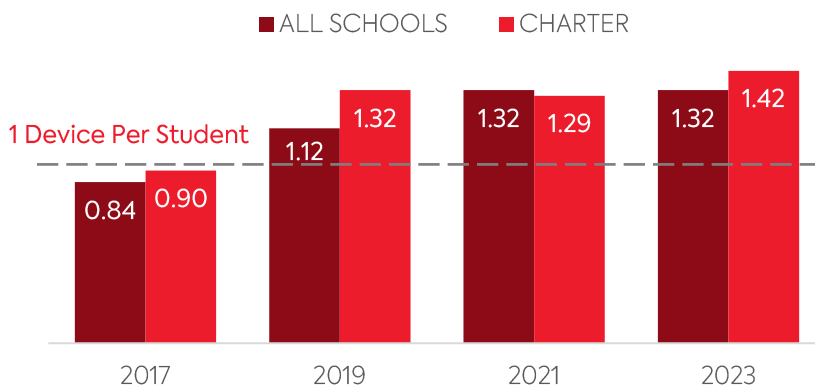


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

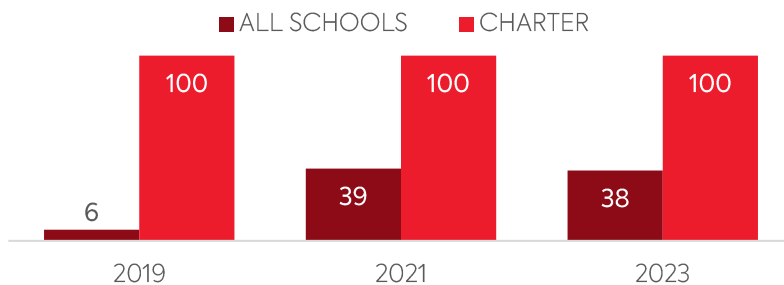
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	30	4	32	1,600%	-46%
LAPTOPS WINDOWS OS	2	5	7	N/A	99%
DESKTOPS MAC	60	6	-3	-4%	-43%
LAPTOPS MAC	30	80	11	11%	-3%
CHROMEBOOKS GOOGLE	1,369	24	755	118%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	90	35	36	40%	21%
OTHER DEVICES	10	0	10	N/A	-90%
ALL COMPUTING DEVICES	1,591	154	848	95%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

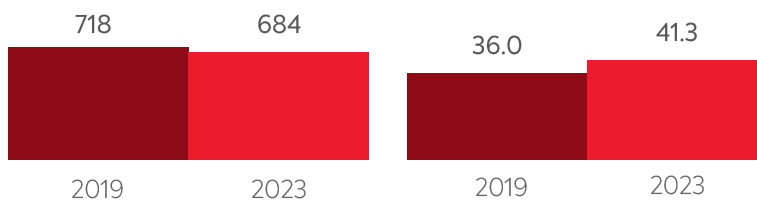
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



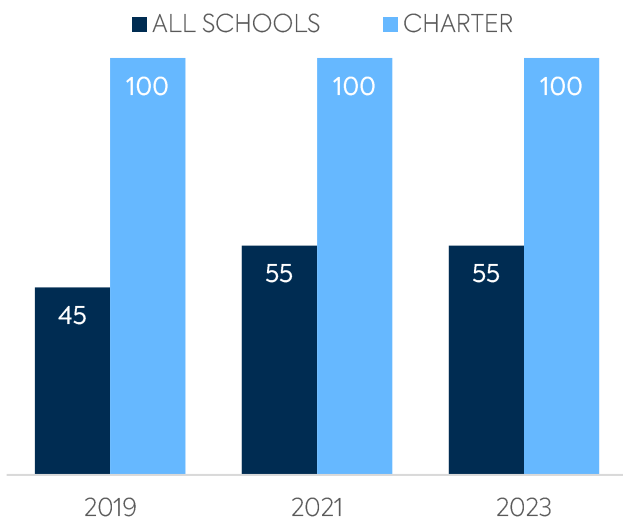
VOYAGE ACADEMY

CHARTER FACTS

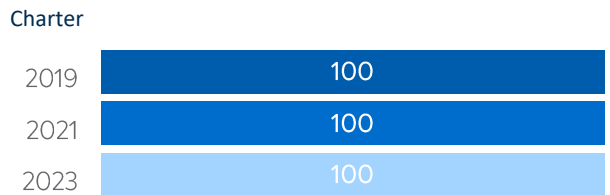
ENROLLMENT.....	529
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

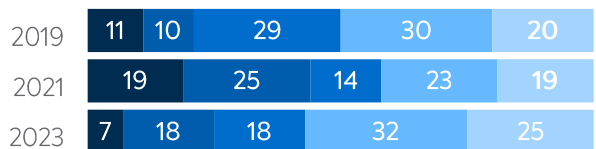
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

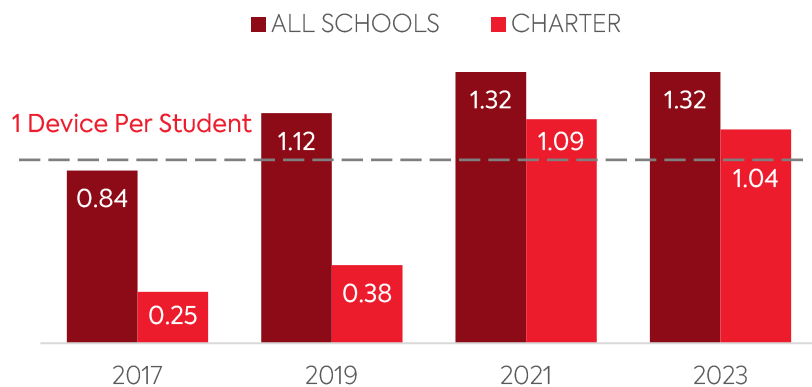


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

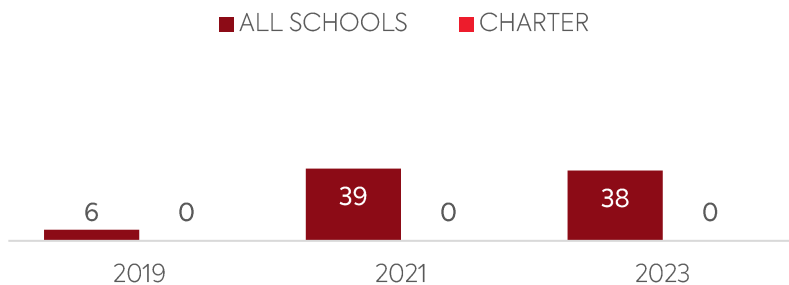
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	10	7	-33	-66%	-46%
LAPTOPS WINDOWS OS	77	50	47	59%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	395	0	395	N/A	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	-15	-100%	-27%
TABLETS IOS	62	45	92	613%	21%
OTHER DEVICES	8	0	8	N/A	-90%
ALL COMPUTING DEVICES	552	102	494	309%	53%

COMPUTING DEVICES PER STUDENT

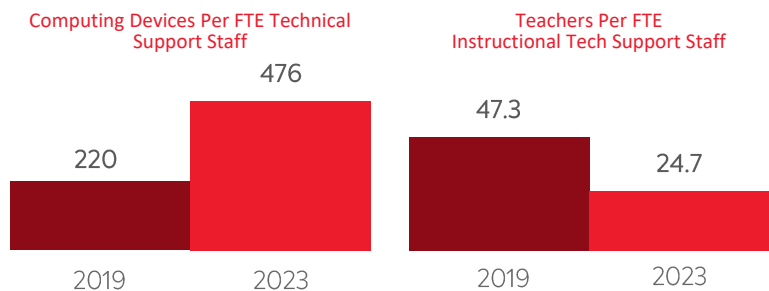


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



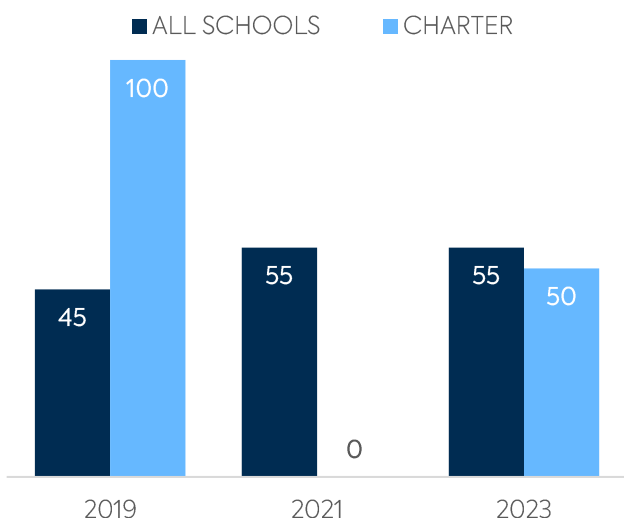
WALDEN SCHOOL OF LIBERAL ARTS

CHARTER FACTS

ENROLLMENT.....	528
NUMBER OF SCHOOLS.....	2
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	15%

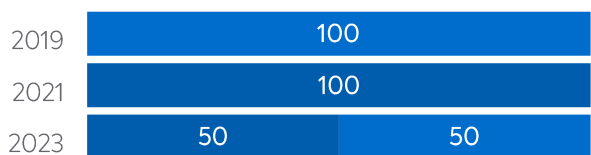
WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)

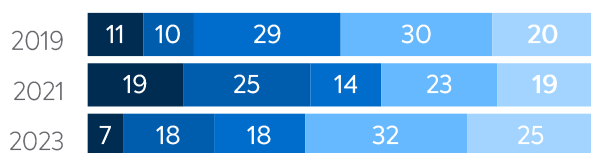


AGE OF WI-FI ACCESS POINTS (%)

Charter



All Schools

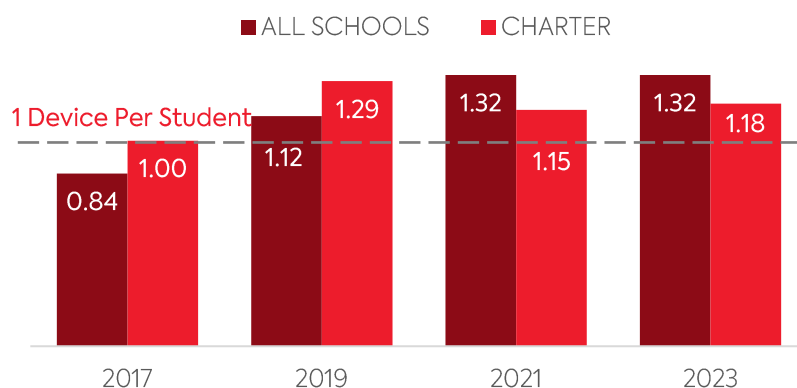


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

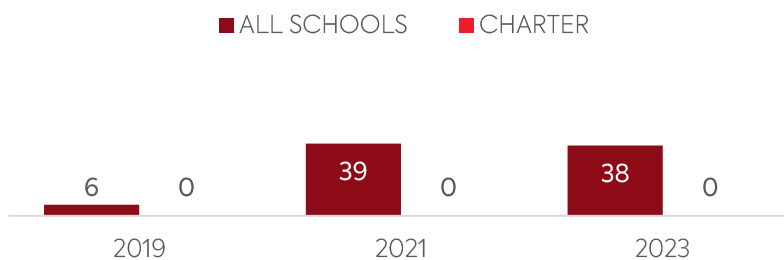
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	16	1	17	N/A	-46%
LAPTOPS WINDOWS OS	0	4	3	300%	99%
DESKTOPS MAC	0	1	1	N/A	-43%
LAPTOPS MAC	0	70	43	159%	-3%
CHROMEBOOKS GOOGLE	569	15	584	N/A	124%
TABLETS WINDOWS	0	0	-25	-100%	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	15	2	-13	-43%	21%
OTHER DEVICES	25	0	-375	-94%	-90%
ALL COMPUTING DEVICES	625	93	235	49%	53%

COMPUTING DEVICES PER STUDENT

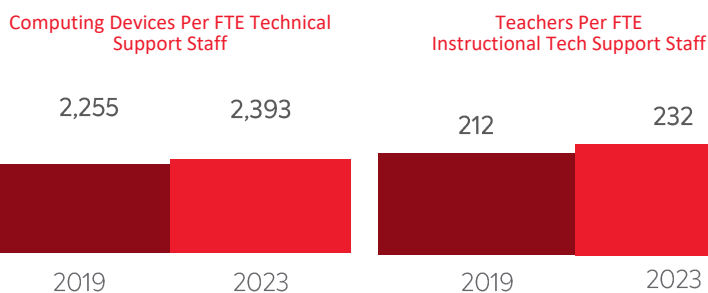


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



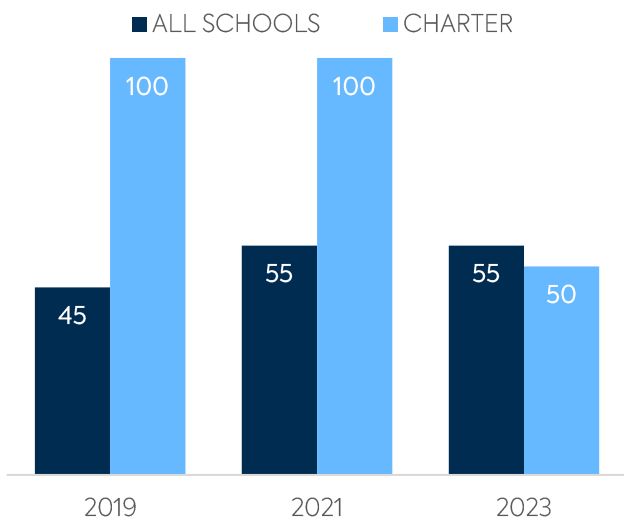
WALLACE STEGNER ACADEMY

CHARTER FACTS

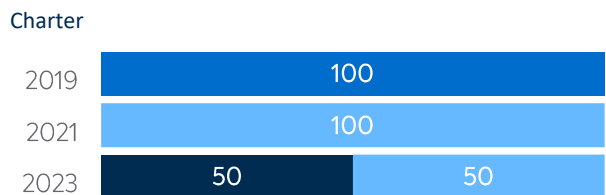
ENROLLMENT.....1,421
 NUMBER OF SCHOOLS.....2
 ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....0%
 % OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....0%

WI-FI NETWORK COVERAGE

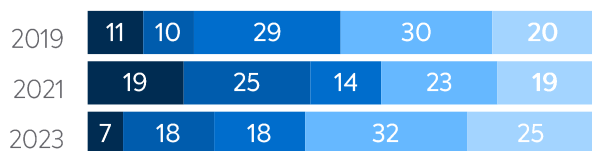
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

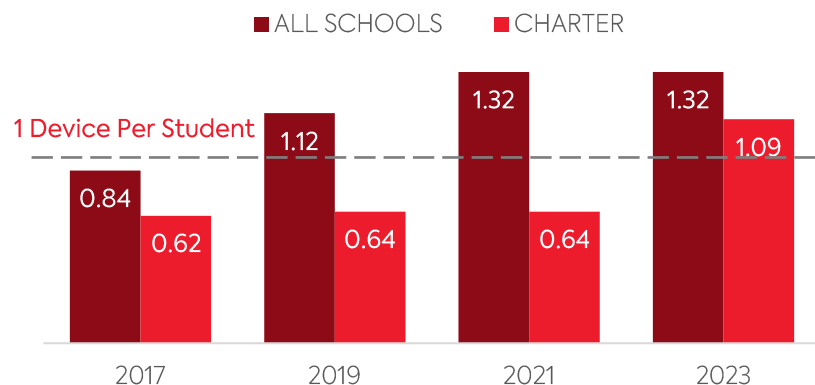


■ Less Than 1 Yr. Old ■ 1 Year Old
■ 2 Years Old ■ 3 Years Old
■ 4+ Years Old ■ Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

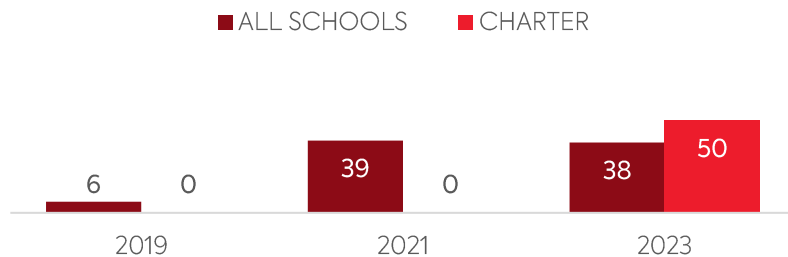
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	0	-2	-100%	-46%
LAPTOPS WINDOWS OS	0	0	0	N/A	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	109	82	304%	-3%
CHROMEBOOKS GOOGLE	1,548	3	1,198	339%	124%
TABLETS WINDOWS	0	3	3	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	0	18	14	350%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	1,548	133	1,295	336%	53%

COMPUTING DEVICES PER STUDENT

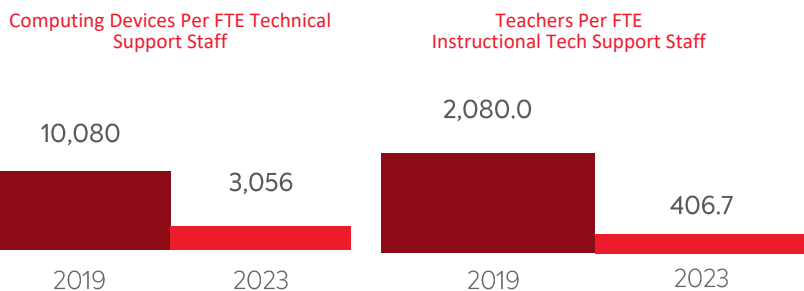


MOBILE DEPLOYMENT

Schools With 1:1 Programs
 Where Students Can Take Devices Home (%)



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



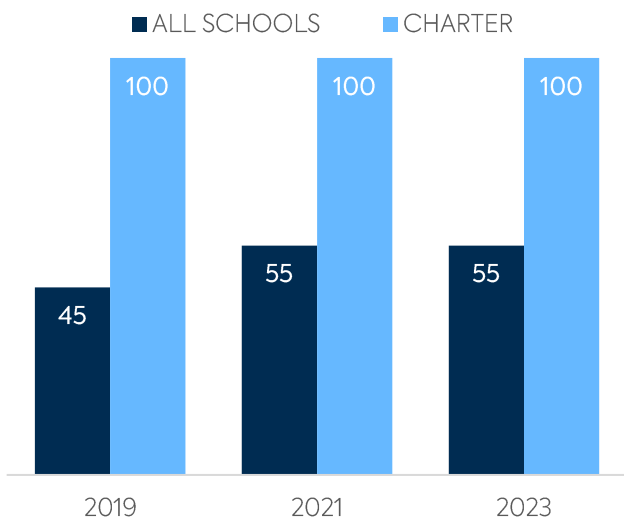
WASATCH PEAK ACADEMY

CHARTER FACTS

ENROLLMENT.....	522
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

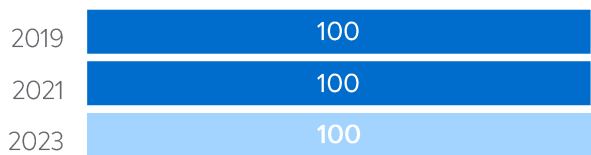
WI-FI NETWORK COVERAGE

Schools Where All Educational Spaces Have Wi-Fi Access (%)

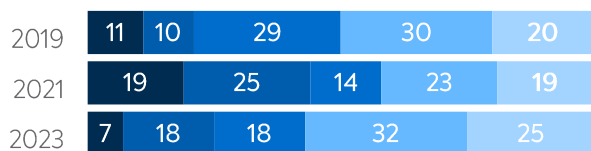


AGE OF WI-FI ACCESS POINTS (%)

Charter



All Schools

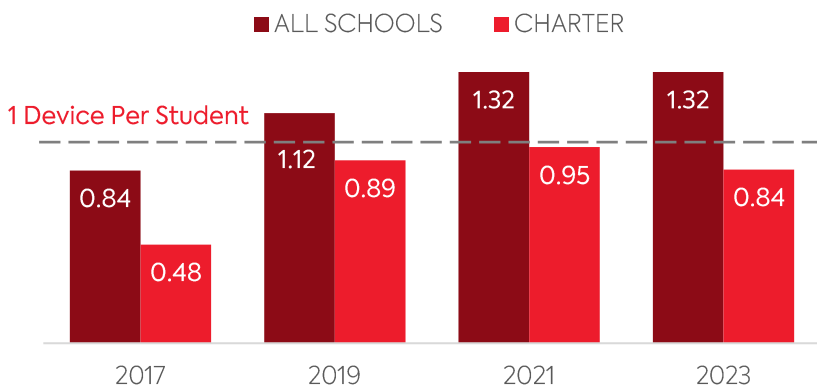


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	0	-30	-100%	-46%
LAPTOPS WINDOWS OS	0	38	-87	-70%	99%
DESKTOPS MAC	0	0	0	N/A	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	376	0	316	527%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	-4	-100%	-27%
TABLETS IOS	65	52	93	388%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	441	90	288	119%	53%

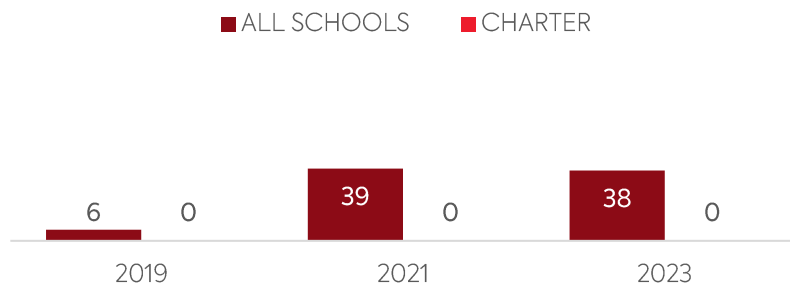
COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

Schools With 1:1 Programs

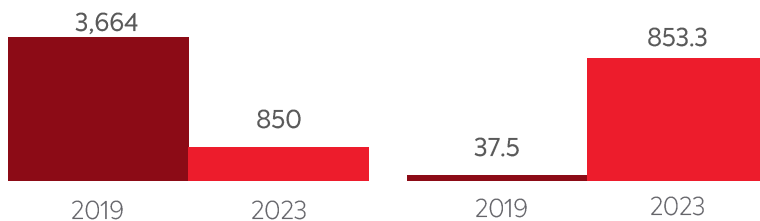
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



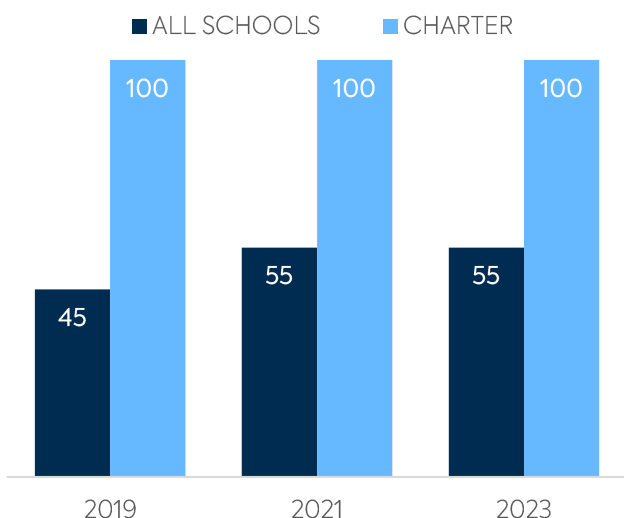
WASATCH WALDORF CHARTER SCHOOL

CHARTER FACTS

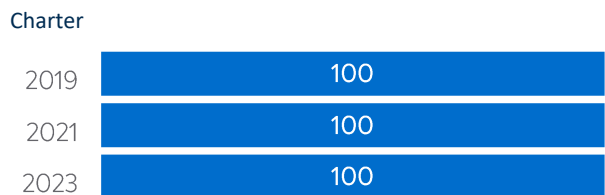
ENROLLMENT.....	625
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

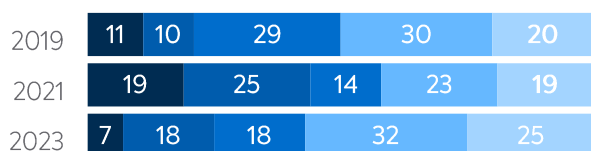
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

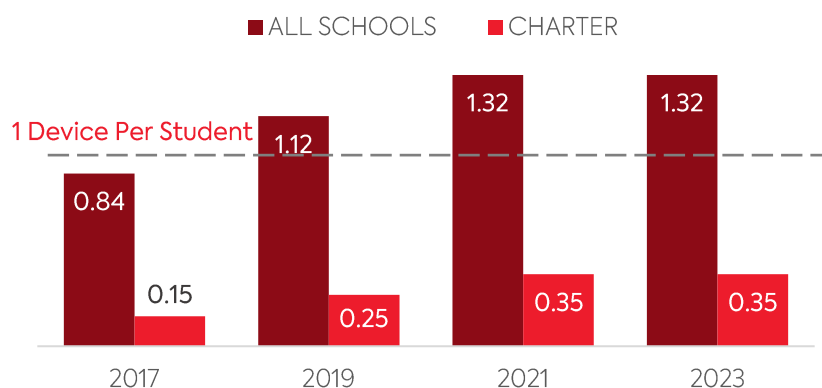


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

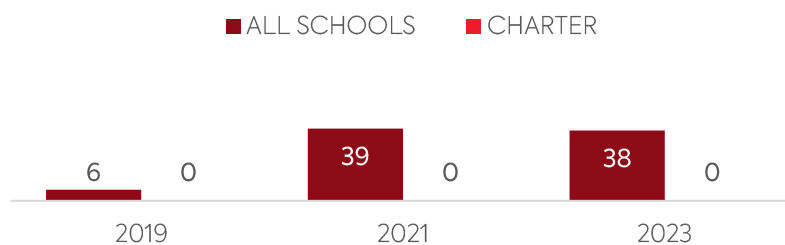
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	0	0	N/A	-46%
LAPTOPS WINDOWS OS	0	2	1	100%	99%
DESKTOPS MAC	0	3	0	0%	-43%
LAPTOPS MAC	0	28	2	8%	-3%
CHROMEBOOKS GOOGLE	209	0	139	199%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	10	0	0	0%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	219	33	142	129%	53%

COMPUTING DEVICES PER STUDENT

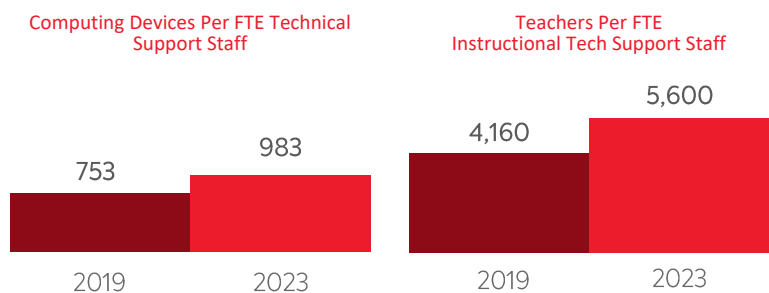


MOBILE DEPLOYMENT

Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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



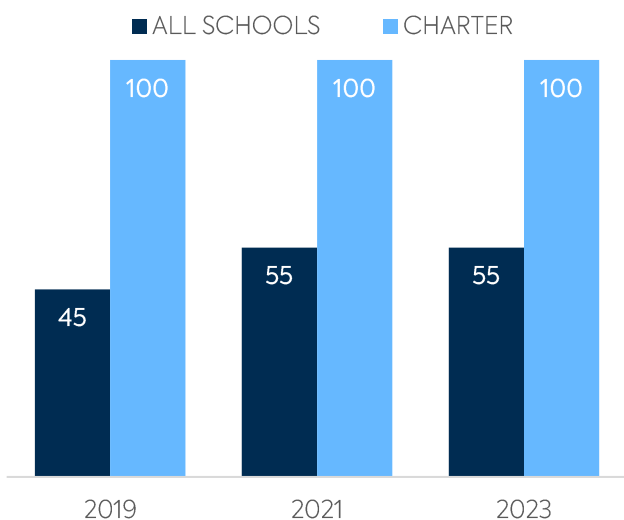
WEILENMANN SCHOOL OF DISCOVERY (K-8)

CHARTER FACTS

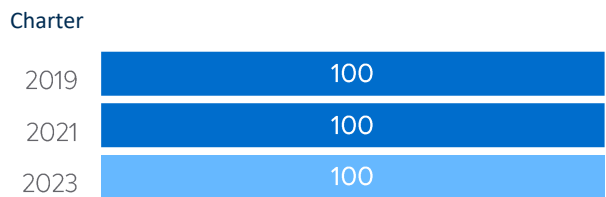
ENROLLMENT.....	537
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

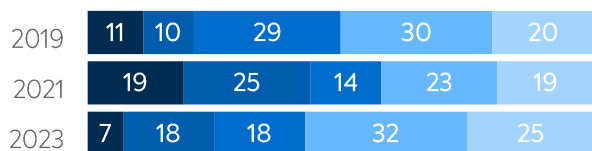
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

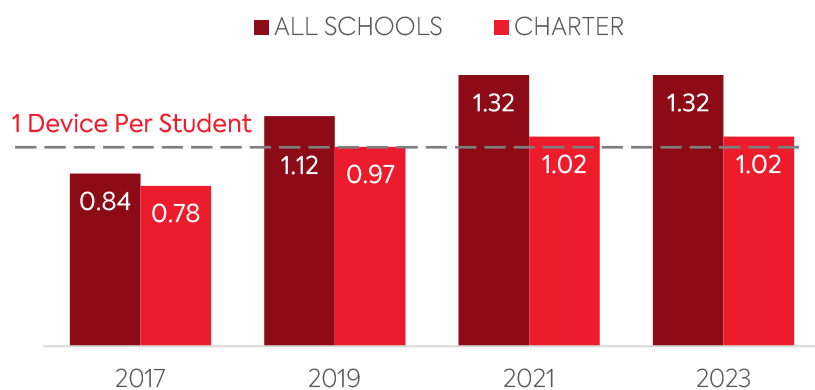


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

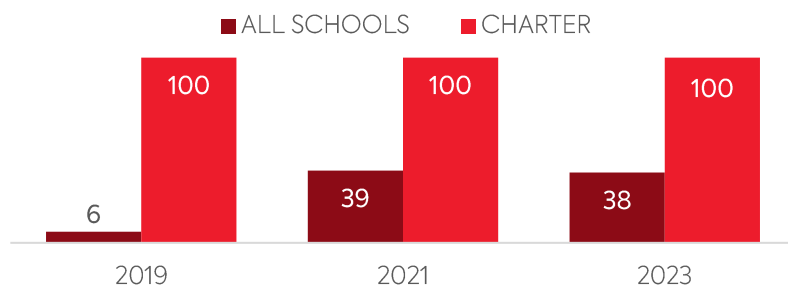
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	1	0	0%	-46%
LAPTOPS WINDOWS OS	0	0	0	N/A	99%
DESKTOPS MAC	0	3	-1	-25%	-43%
LAPTOPS MAC	0	0	0	N/A	-3%
CHROMEBOOKS GOOGLE	537	45	82	16%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	12	1	-15	-54%	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	549	50	66	12%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

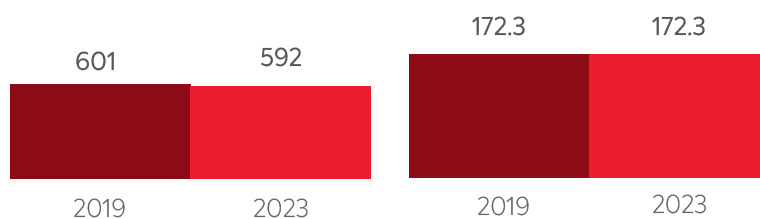
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



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

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



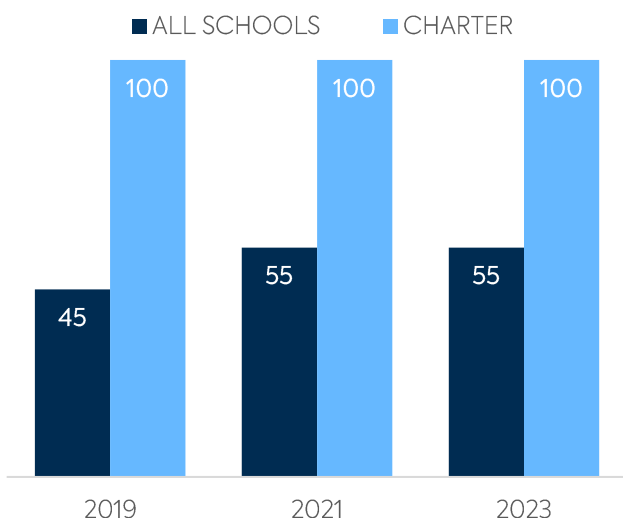
WINTER SPORTS SCHOOL (9-12)

CHARTER FACTS

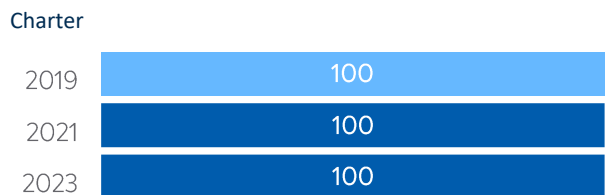
ENROLLMENT.....	113
NUMBER OF SCHOOLS.....	1
ESTIMATED % OF STUDENTS WITH INADEQUATE HOME INTERNET SERVICE.....	0%
% OF STUDENTS RECEIVING REMOTE INTERNET ACCESS SOLUTIONS OR SERVICE.....	0%

WI-FI NETWORK COVERAGE

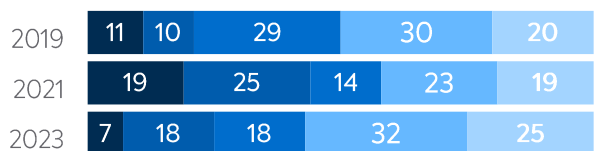
Schools Where All Educational Spaces Have Wi-Fi Access (%)



AGE OF WI-FI ACCESS POINTS (%)



All Schools

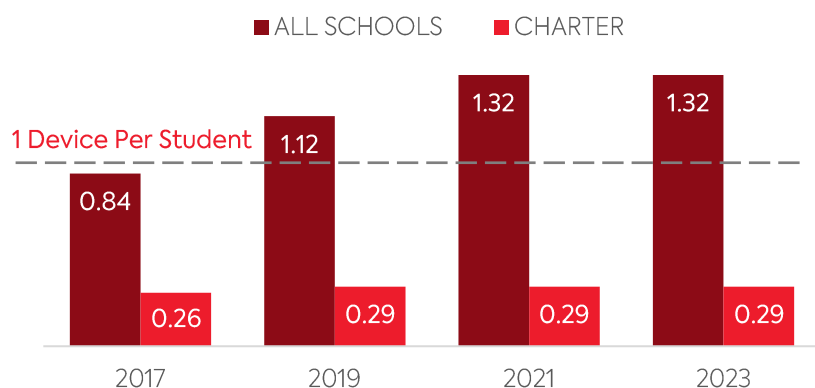


- Less Than 1 Yr. Old
- 1 Year Old
- 2 Years Old
- 3 Years Old
- 4+ Years Old
- Other, or no Wi-Fi

COMPUTING DEVICES USED IN SCHOOLS

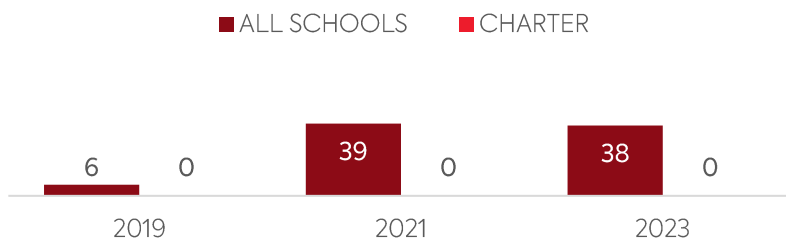
	Student Use	Teacher/Admin Use	Change in the # of Devices Since 2017	Percent Change Since 2017	Percent Change in All Schools
DESKTOPS WINDOWS OS	0	3	1	50%	-46%
LAPTOPS WINDOWS OS	0	2	-3	-60%	99%
DESKTOPS MAC	0	1	1	N/A	-43%
LAPTOPS MAC	0	1	1	N/A	-3%
CHROMEBOOKS GOOGLE	33	0	3	10%	124%
TABLETS WINDOWS	0	0	0	N/A	125%
TABLETS ANDROID	0	0	0	N/A	-27%
TABLETS IOS	0	2	2	N/A	21%
OTHER DEVICES	0	0	0	N/A	-90%
ALL COMPUTING DEVICES	33	9	5	14%	53%

COMPUTING DEVICES PER STUDENT



MOBILE DEPLOYMENT

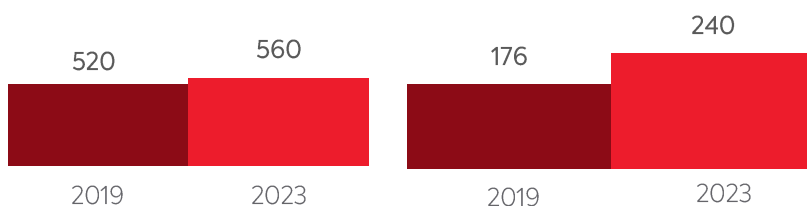
Schools With 1:1 Programs
Where Students Can Take Devices Home (%)



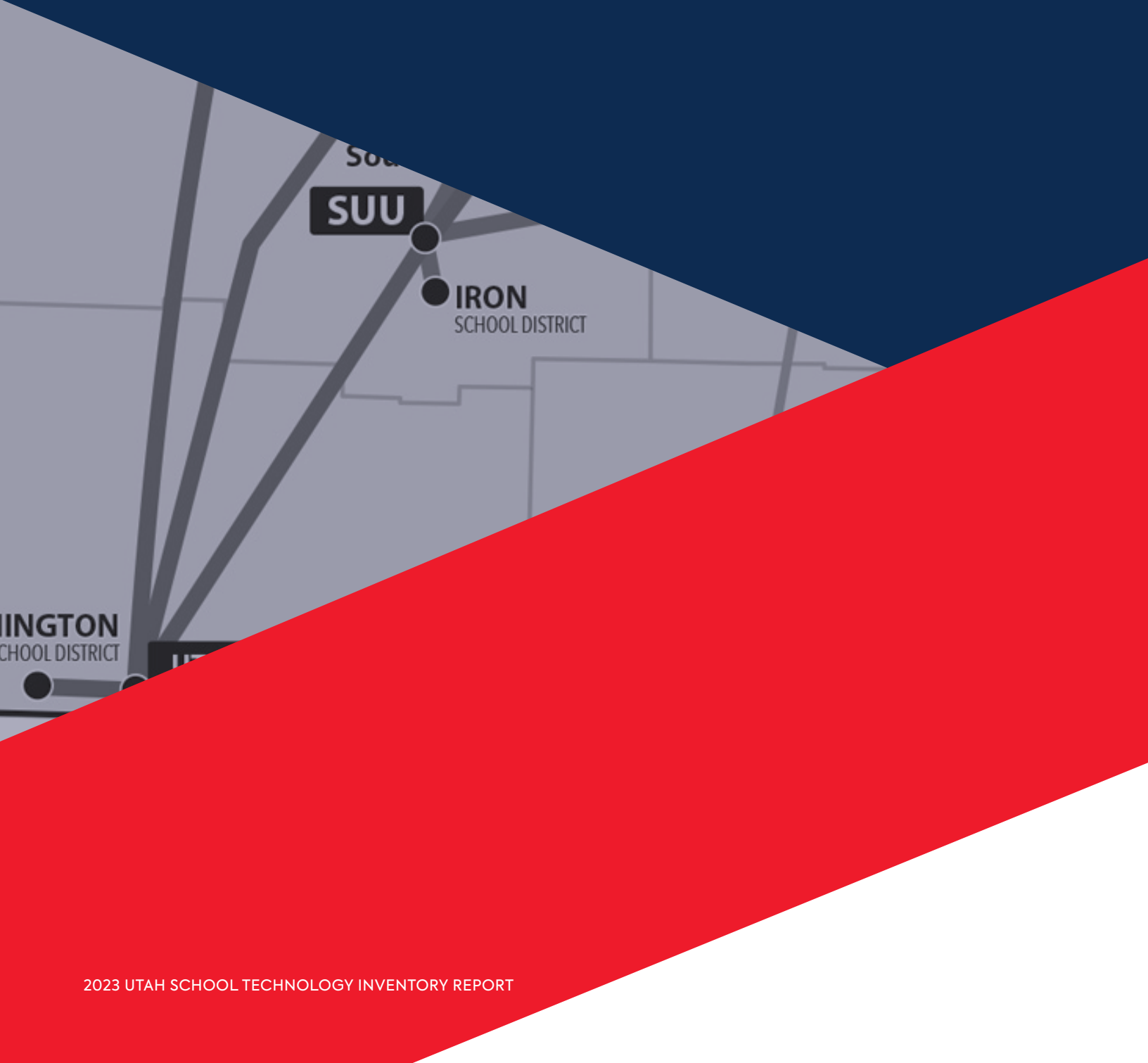
FULL-TIME EQUIVALENT (FTE) TECHNICAL SUPPORT STAFF IN UTAH SCHOOLS

Computing Devices Per FTE Technical Support Staff

Teachers Per FTE Instructional Tech Support Staff



APPENDIX G: NEWS AND NOTABLES




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October 5, 2023

Gathering inventory: Utah Education Network asks school districts to track technology in classrooms

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Salt Lake City, Utah (October 5, 2023) – The Utah Education Network (UEN), in partnership with Connected Nation (CN), has launched a new portal to inventory technology within Utah’s public and charter schools. In 2015, UEN began tracking how technology is used in classrooms and the access teachers and students have to digital materials, devices and platforms.

“I believe the Utah Education Network’s statewide Digital and Teaching Learning (DTL) inventory is the only comprehensive K-12 technology inventory in the nation that includes longitudinal data for the past eight years,” said Jeff Egly, Associate Director, UEN. “This level of detail acts as a map and compass, providing data that illustrates trends, tracks improvements and shows growth to inform and guide.”

In 2021, Connected Nation worked with UEN to collect more than 80,000 new data points across 1,037 public schools in the state. The inventory found that Utah’s educational institutions have increased the number of devices per student. More than 888,800 computing devices are available to more than 675,500 Utah students. The 2021 inventory also found that nearly 2 out of 5 schools (39%) have deployed mobile computing devices on a 1:1 basis, allowing students to take devices home.

Categories

Digital Works Blog (41)

Press Releases (1666)

Blog (500)

“Utah’s Local Education Agencies (LEAs) have the ability to use this inventory data to more effectively make decisions relating to how technology is enhancing and supporting education,” said Cory Stokes, Senior Project Manager for UEN.

Over the past several years, it became apparent how important it is to track technology in Utah schools and understand solutions for continuing education despite unexpected obstacles.

“As a nonprofit, we have worked for nearly two decades to find and implement innovative solutions to expand access to broadband and its related technologies to more families and communities,” said Tom Ferree, Chairman and CEO of Connected Nation. “Connecting our schools and, ultimately, more students is a critical part of our mission. UEN is taking the necessary steps to identify ways to help all of Utah’s students, and we are excited to once again partner with them this year.”

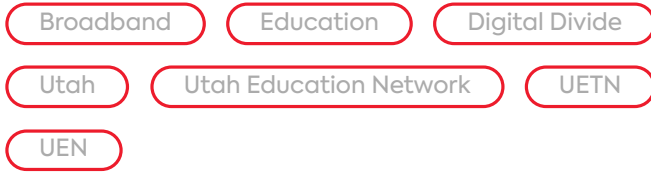
School administrators and teachers are encouraged to take part in the current inventory by visiting <https://techinventory.uen.org/>.

###

About the Utah Education Network: UEN is part of the Utah Education and Telehealth Network (UETN) which connects all Utah school districts, schools, and higher education institutions to a robust network and quality educational resources. UEN is one of the nation’s premier education networks.

About Connected Nation: The national nonprofit’s mission is to improve lives by providing innovative solutions that expand access, adoption and use of high-speed internet and its related technology to all people. Everyone belongs in a Connected Nation.

Connected Nation works with consumers, local community leaders, states, technology providers and foundations to develop and implement technology expansion programs with core competencies centered on a mission to improve digital inclusion for people and places previously underserved or overlooked. For more information, please visit: connectednation.org.





Our Mission

Our mission is to improve lives by providing innovative solutions that expand the access, adoption, and use of high-speed internet and its related technologies. Everyone belongs in a Connected Nation.

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November 9, 2023

Fostering education: How technology drives collaboration in the Canyons School District

[f](#) [in](#) [✉](#)

Scot McCombs, Director of Information Technology at Canyons School District, recognizes the importance of balancing consumption and creation when it comes to school technology.

Draper, Utah (November 14, 2023) - “The Canyons School District fully recognizes that great technology will never replace a great teacher,” said McCombs. “But when tech collaborates with traditional teaching methods, it gives our students the best chance at an excellent education.”

[The Utah Education Network \(UEN\)](#), in partnership with the nonprofit [Connected Nation \(CN\)](#), is in the midst of a technology inventory of Utah’s public and charter schools. The Canyons School District is taking part in that inventory, which McCombs said has provided essential data to help identify what areas need better access to broadband (high speed internet) and why tech can help its students excel, both in and out of the classroom.

In 2015, UEN 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 2021](#)

An opportunity for a new technology plan

Categories

Digital Works Blog (41)

Press Releases (1666)

Blog (500)

The Canyons School District is unique. It was one of the biggest districts in the state when, 15 years ago, residents in five cities voted to split the district in half. It now comprises schools in the following cities: Alta, Cottonwood Heights, Draper, Midvale and Sandy. These changes created an opportunity to prioritize the development and implementation of a new school technology plan, which was something district leaders had wanted to do for a long time.

“When we started with technology in our schools, it really was [only] a lab — tech was something down the hall,” said McComb. “We wanted to make it more accessible for students [and] something that was embedded appropriately into the curriculum.”

When the district’s geographic boundaries were modified in 2008, its schools were nowhere near a 1:1 ratio of technology to students. But part of the district’s mission is to make sure that its students are college-and-career-ready. So, that meant increasing technology in an appropriate way.

Teaching technology

The first step the district’s IT department took was to implement an ed tech coaching program. Ed tech coaches are certified teachers who train other teachers on how to use tech.

According to McCombs, the coaches model the tech, or work one-on-one with a teacher during their prep period, to provide professional development. They then train teachers on how to use that technology appropriately and effectively in the classroom.

“Our first five-year technology plan was actually less about devices and more about teacher technology, making sure that teachers all had a projector, working audio and [...] a document camera that functioned correctly,” said McCombs. “We made sure that teachers had portable technology because we didn’t want them to be stuck, tied to a desktop computer at the front of the classroom.”

Fifteen years later, Canyons schools are now fully equipped with teacher technology and devices for their students. Currently, the school district is 1:1 with the following devices for each grade:

1. Kindergarten — 1st grade has iPads in classroom sets

(these do not leave the classroom).

2. 2nd — 5th grade has Chromebooks in classroom sets (these do not leave the classroom).
3. Secondary schools are 1:1 (also known as the 24/7 model) with laptops if the students, or their families, choose to take home their devices.

While district leaders believe technology is essential for students, they also want to make sure that it serves as a collaborative tool and does not replace traditional methods of teaching.

“I think that technology is really terrific [for] creation,” said McCombs. “We want students not necessarily to consume the technology, but really to create with the technology, and that’s really one of our focuses.”

The importance of broadband access for students

It’s not just about device access and usage. Another key piece of the equation is ensuring access to high speed internet for all students—in the classroom and at home.

“We were very forward-thinking about making sure that we provided opportunities for families to have internet access at home,” said McCombs. “We surveyed all of our students and families to figure out who had access and who didn’t.”

Right before the COVID-19 pandemic, the Canyons Board of Education supported its schools with a hotspot initiative. The district partnered with T-Mobile to provide hotspots to students in need.

“When the pandemic came, we were actually very well-positioned and focused on those classroom sets of technology,” said McCombs. “We were able to provide devices to students who needed them, and then Wi-Fi access to students who needed that as well.”

How UEN helped make a difference

Being able to identify what technology teachers need, how often students should be using tech and what areas in the district need better access to high speed internet are very important issues to not just the Canyons School District, but families across the district as well.

This data was made possible by the statewide UEN technology inventory, in which the district has participated for the last several years. McCombs was

also fortunate enough to be on the team that reviews the data at a statewide level.

“The inventory helped us to measure, helped us to be accountable and helped us be able to really set out what our vision and our goals are and go after them to hit our target. For us it’s been beneficial,” said McCombs. “I don’t know how a student can learn if we are not providing the right opportunities for them beyond the school day. And so, the inventory helped us identify and work through overcoming that Digital Divide. That is so important to not just our community, but the whole state.”

[Click here to learn more about the UEN Technology](#)

- [Inventory](#)
- [Gathering Inventory: Utah Education Network asks school districts to track technology in classrooms](#)

Canyons School District Students



[Broadband](#) [Connected Nation](#) [UEN](#)
[Utah Education Network](#) [Utah](#)
[Technology Impact](#) [Canyons School District](#)



Our Mission

Our mission is to improve lives by providing innovative solutions that expand the access, adoption, and use of high-speed internet and its related technologies. Everyone belongs in a Connected Nation.

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December 5, 2023

Technology inventory drives improvement in the Iron County School District

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Cedar City, Utah (December 5, 2023) – Troy Lunt knows first-hand the value of participating in UEN’s statewide technology inventory. As Director of Technology for Iron County School District, he has seen how tracking what equipment and systems are in place can help district leaders better address learner’s needs.

[The Utah Education Network \(UEN\)](#), in partnership with national nonprofit [Connected Nation](#), will soon release the results of its 2023 inventory of technology within Utah’s public and charter schools. Once again, the Iron County School District has taken part in this effort to see where its school network connection needed improvement and where district leaders should allocate technology funding.

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 last inventory was released in 2021.](#)

“The Utah Education Network technology inventory helped us create the overall district technology standardization that we’ve been trying to create for the last four or five years,” said Lunt. “It has benefited us greatly.”

Connecting all students

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When Lunt started working for the Iron County School District in 2014, he identified its technology plan as: “Let’s wait and see where this is going.” Technology existed in some classrooms, but the district was nowhere near a 1:1 ratio of devices such as tablets and laptops to students. The main technology students and teachers were using were classroom sets of iPads. But as the years progressed, some of the district’s schools drifted ahead of others in relation to available technology.

“We didn’t want to run into situations where some students were trying to go to other schools in the district because they had more technology,” said Lunt. “It was something that we were trying to standardize and create the right environment for technology in our schools.”

In 2017, the Iron County School District Business Administrator worked closely with the tech department to put together a business plan to move toward 1:1. The first thing the tech department opted to do on a big scale was assign Chromebooks to each middle and high school student to take home. The district also assigned each elementary student a Chromebook to keep in the classroom. Then, during the 2017-18 school year the district was able to provide take-home devices for each student, reaching the desired 1:1 benchmark.

This was an imperative decision, as the upcoming pandemic was about to change the way students used technology, both in and out of the classroom.

Technology at home amid COVID-19

As COVID-19 swept the world, students all over the country were forced to do schoolwork remotely, and this was no different in Iron County.

“It was a challenge. At the beginning, teachers had to learn how to function with products like Zoom,” said Lunt. “The learning curve for some was very quick, and for others, not very quick at all. But we turned our technology department into a remote support staff for all our teachers and students.”

Over the phone, the teachers passed along what they learned about using the remote technology with students and families. After a lot of hard work, the teachers were able to put together dynamic programs and lessons for all of their students.

“That was almost a blessing in disguise,” said Lunt. “It really put us to task, to make sure that we could manage education with the resources that we had, given the environment that we were working with.”

New data identifies gaps, drives improvement

Participating in the biannual UEN School Technology Inventory has helped Iron Country School District identify key areas to improve, such as school network connections and technology funding.

“We quickly were able to deduce from the UEN technology report how we really needed to proceed with our network improvement for our high schools,” said Lunt. “We thought it was going to be the top-down approach, but the survey told us otherwise.”

The survey results revealed the cabling that existed, how long it had been in place, and its access point locations. This data completely changed how the tech department went about improving the schools. The report results also helped district administrators figure out where to allocate technology funding. Previously, the district did not have an inventory system to track every device. Thanks to the UEN technology inventory, now it does.

“The inventory report has been very helpful to be able to see where we were deficient in areas of spending,” said Lunt. Lunt encourages all Utah public, private and charter schools to participate in the 2023 inventory which is currently underway to ensure a better overall experience for their students, families, teachers and other school faculty.

“You need to get on this,” said Lunt. “There’s a big push to make sure that the survey gets done because there is value to the survey and its findings. Everybody recognizes that there is value if we all do it.”

[Fostering education: How technology drives](#)

- [collaboration in the Canyons School District](#)
- [Gathering Inventory: Utah Education Network asks school districts to track technology in classroom](#)

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December 12, 2023

Exploring new technologies: How Vista School is using integrated tech in and out of the classroom

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Ivins, Utah (December 12, 2023) –Troy Bradshaw, Director of Finance and Information Technologies for Vista School, understands that integrated technology is an essential tool for students to advance both academically and personally.

“Technology was part of our charter and written into our entire plan from the beginning,” said Bradshaw. “One of Vista School’s missions is to engage students using performing arts and technology, so they enjoy their learning experiences with other core classes such as math, science, language arts and history.”

[The Utah Education and Network \(UEN\)](#), in partnership with the nonprofit [Connected Nation](#), recently finished their 2023 inventory of technology within Utah’s public and charter schools. Vista School took part in that inventory to identify technology gaps in its facilities, including network connectivity, wireless service, switching, labs and computers.

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 last inventory was released in 2021.](#)

A school with a unique technology history

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Vista School is unique in many ways, mainly because it is fairly new in comparison to other Utah schools. Located in the city of Ivins, the school seeks to enhance academic achievement by providing expert, specialized instruction in math, science, technology and history beginning in first grade.

The school was established in 2009, and Bradshaw served as one of the first board members. Vista School was created to broaden students' academic experiences by providing them with opportunities to explore elective coursework in visual and performing arts and technology. Unlike many other schools, they have had a strong foundation of technology for students and faculty since the day they opened.

“We started off with a 1:1 ratio of technology to students and still have that ratio today,” said Bradshaw. “Our classroom technology is mainly Chromebooks, but it does differ between each grade.”

Vista School’s current breakdown of technology is as follows:

- Students in kindergarten through third grade have a set of Chromebooks for each of them to use in every academic classroom.
- Students in fourth through ninth grade are issued a Chromebook to use in class and also take home with them.
- Four high-tech labs feature iMacs and Dell desktop computers, where students work on digital media, music production, 3D printing (one lab has more than 20 3D printers), robotics and engineering.

Because technology is constantly evolving, Vista School administrators are dedicated to ensuring the school is advancing along with it.

“While we do have the Chromebooks for each student to use in every classroom, we have recently taken a more integrated technology approach,” said Bradshaw. “This moved us to focus on engaging students using technology and arts to teach core subjects.”

This level of technology integration has empowered Vista School students to compose and record music, develop robotics-enhanced sets for theatrical productions, lead the region in robotics and coding activities and more.

Using advanced technology to improve skills in and out

of the classroom

One of the recent technologies school administrators and the IT department have integrated into Vista School's curriculum is an educational robotics learning program. Learners start in the lower grades and build skills over time. Advanced students have built robotic-controlled rockets and go-karts, and designed solutions to real-world problems.

The curriculum has contributed to several student success stories, said Bradshaw. Two years ago, Vista School had three teams qualify for a world robotics championship, where one of the teams finished seventh. One of the students had to leave the tournament early and fly to Atlanta to represent Utah in the National Science Fair.

Integrated technology programming also provides benefits to Vista School students beyond graduation.

"Technology is a huge part of those students who find themselves and create pathways for the future, including college and career readiness," said Bradshaw, citing a recent coding competition in which Vista School alumni, now in high school or college, won awards. "While they are no longer at Vista School, they are setting a standard in the community and leading others."

How UEN inventory helps Vista School strive for a better technological future

Part of Vista School's success can be attributed to its participation in the UEN Utah School Technology Inventory.

"The UEN inventory has helped us look at the bigger picture in our school," said Bradshaw. "It seems or looks like we have tons of technology, but when looking at our inventory on a reporting basis, it shows us where those gaps and weaknesses are."

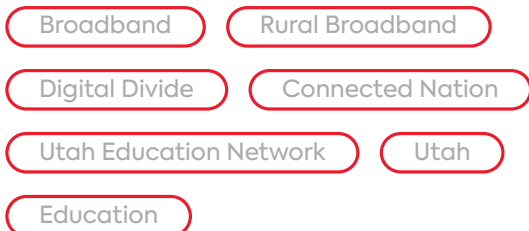
For more information about the UEN School Technology Inventory, visit www.uen.org/schooltech/. For more about Vista School, [click here](#).

[Gathering Inventory: Utah Education Network asks](#)

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Technology inventory drives improvement in the Iron

- County School District



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December 26, 2023

Technology report shows increasing connectivity in Utah Schools

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Salt Lake City, Utah (December 26, 2023) – Over the past two months, the Utah Education Network (UEN) conducted its fifth biannual Utah School Technology Inventory. School technology directors, administrators, teachers and other staff members from both charter schools and public school districts across the state have taken part in the inventory.

For the past eight years, [UEN](#) has partnered with the national nonprofit [Connected Nation \(CN\)](#) to oversee the digital technology and learning (DT&L) inventory. The first iteration — completed in 2015 — provided initial details on how Utah classrooms use technology and the access teachers and students have to digital materials, devices and platforms.

“Utah’s local education agencies (LEAs) and individual schools can use the DT&L inventory data and reports to help make effective decisions about how technology is enhancing and supporting the learning process in our connected classrooms throughout the state,” said Cory Stokes, UEN Senior Project Manager. “With this information, UEN and the LEAs can better plan and provide the bandwidth and services needed for students across the state.”

The preliminary findings that UEN and CN were able to capture included 82,600 data points, representing 1,034 schools across Utah.

While the full report will be available to the public in early

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2024, below are some preliminary findings from the upcoming report:

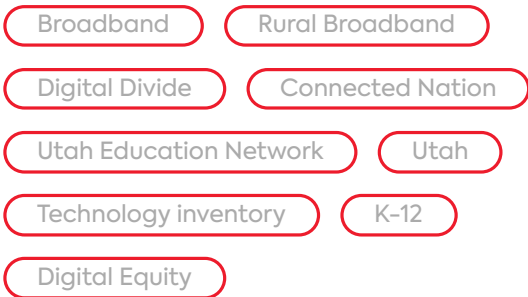
- In 2023, Wi-Fi access points per education space are 1.01, up 0.01% since 2021.
- 54% of Utah school buildings have 100% adequate Wi-Fi coverage.
- 45% of survey respondents said lack of affordability is why adequate internet access is not available for students.

Over nearly a decade of data collection, the inventory results show that student access to devices, educational technology tools and robust networks has grown exponentially throughout the state. The inventory and report would not have been possible without the help from UEN’s partner in the project, Connected Nation.

“The CN professionals, working with UEN and school staff, have again certified that 100% of the schools in the state have completed their individual inventory in 2023,” said Stokes. “CN’s team of experts have been highly effective in supporting Utah in this important initiative.”

Thanks to the inventory, UEN is better able to plan and make informed decisions relating to DT&L activities and initiatives for its teachers and students across the state.

Check back with UEN in early 2024 for the full report.





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