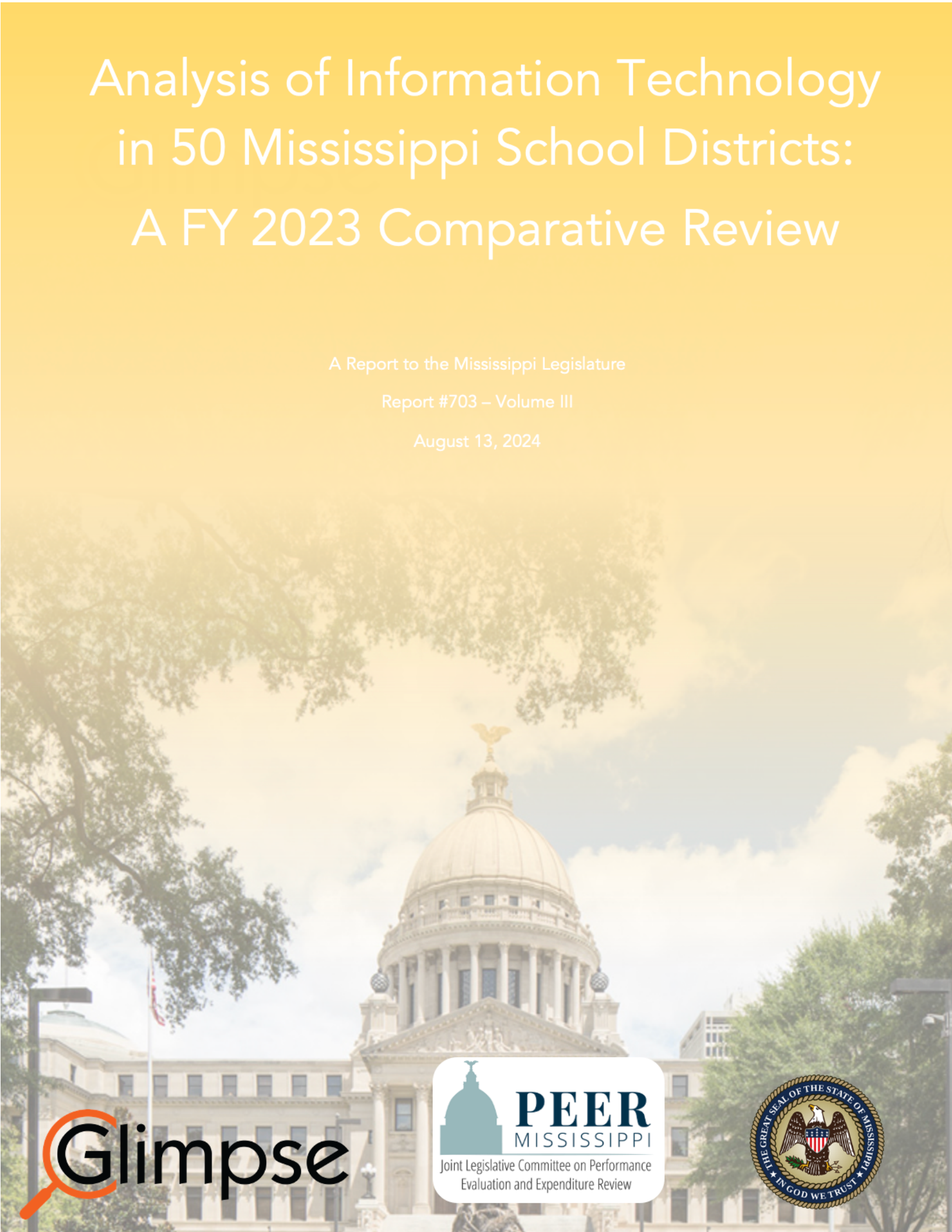
Analysis of Information Technology in 50 Mississippi School Districts: A FY 2023 Comparative Review

A Report to the Mississippi Legislature

Report #703 – Volume III

August 13, 2024



Glimpse

PEER MISSISSIPPI

Joint Legislative Committee on Performance Evaluation and Expenditure Review

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The Committee assigns top priority to written requests from individual legislators and legislative committees. The Committee also considers PEER staff proposals and written requests from state officials and others.

Joint Legislative Committee on Performance Evaluation and Expenditure Review

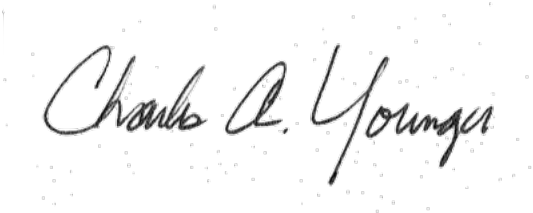
PEER Committee

P.O. Box 1204 | Jackson, Mississippi 39215-1204

August 13, 2024

Honorable Tate Reeves, Governor
Honorable Delbert Hosemann, Lieutenant Governor
Honorable Jason White, Speaker of the House
Members of the Mississippi State Legislature

On August 13, 2024, the PEER Committee authorized release of the report titled ***Analysis of Information Technology in 50 Mississippi School Districts: A FY 2023 Comparative Review.***



Senator Charles Younger, Chair

This report does not recommend increased funding or additional staff.

Phone: (601) 359-1226 | Fax: (601) 359-1420 | www.peer.ms.gov
Woolfolk Building | 501 North West St, Suite 301-A | Jackson, MS 39201

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PEER MISSISSIPPI
Joint Legislative Committee on Performance Evaluation and Expenditure Review

Analysis of Information Technology in 50 Mississippi School Districts: A FY 2023 Comparative Review (Volume III)

Report Highlights

August 13, 2024

CONCLUSION: A review of the information technology (IT) programs and expenditures for the reviewed Mississippi school districts in FY 2023 showed opportunities for districts to improve service levels and increase efficiency. Many school districts lack critical plans to manage technology and disaster recovery. Eight districts reviewed keep data backups onsite only, which puts IT functions at risk. Ten districts reported that 50% or less of their students' households have access to the internet. All districts reported network bandwidth per student below that of regional and national peers. There have been both state and federal efforts to increase access to quality internet in Mississippi, but implementation of those efforts will take time.

BACKGROUND

In FY 2024, PEER received funding to contract with Glimpse K12 (an education technology company headquartered in Huntsville, Alabama) to conduct a comparative review of 50 school districts. This report focuses on one of six areas of review—information technology (Volume III). Other non-instructional reports include:

- Finance and Supply Chain (Volume I);
- Human Resources (Volume II);
- Nutrition (Volume IV);
- Operations (Volume V); and,
- Transportation (Volume VI).

KEY FINDINGS

- **Of 46 reporting districts, 23 (50%) had a documented technology plan and 30 districts (65%) had a technology disaster recovery plan.**
  Such plans are critical for managing technology and disaster recovery.

- **Eight districts (17%) keep data backups onsite only, which puts district IT functions at risk in the event of an emergency, disaster, or cyberattack.**
  Offsite backup is critical to recovering vital records and data.

- **Seven districts (15%) do not track daily network usage.**
  By tracking daily network usage, a district can identify potential network capacity problems and also have insight into network usage patterns.

- **Of the 23 districts that surveyed student households for FY 2023, ten reported that 50% or less of students' households had access to broadband internet and Wi-Fi capabilities at home.**
  School districts play a critical role in providing students with broadband and Wi-Fi access at school for assignments.

- **All districts reported network bandwidth per student below that of regional and national peers.**
  Such a condition could have negative impacts on students' education.

- **Of the districts reporting, 15 reported at least one day in the school year in which internet usages reached more than 75% of standard available bandwidth for five minutes or longer.**
  If districts and teachers have access to higher bandwidth, additional programs and assignments could become feasible.

- **Of 47 reporting districts, 30 (66%) use a single department for traditional IT support and educational technology support functions. Twelve districts (26%) use two separate IT departments, and four districts use another type of structure.**
  Each model for IT support has advantages and disadvantages.

The Legislature has made efforts to expand broadband in the state, including the creation of the Broadband Expansion and Accessibility of Mississippi (BEAM) office in 2022. The office, functioning under the Mississippi Department of Finance and Administration, is responsible for overseeing all broadband expansion efforts in the state and will administer broadband grants. According to BEAM's website, in May 2023, the U.S. Department of the Treasury approved BEAM's plan for $151.4 million through the Capital Projects Fund (CPF). BEAM recently approved 24 broadband projects to be funded by the CPF; these projects are projected to serve 27,000 households in 19 counties across the state.

Additionally, Mississippi was allocated $1.2 billion from the federal Broadband Equity, Access, and Deployment (BEAD) program. Mississippi's BEAM office will allocate the funds through grants to increase access to quality internet.

Although steps have been taken by policymakers to improve broadband access, implementation of the systems will take time.

A Look at Internet Bandwidth

- For FY 2023, the median network-bandwidth per student was 0.87 for the districts reviewed, while the regional peer average was 26.35 and the lower range for national peers was 256.1. These numbers clearly demonstrate the need for improved bandwidth in the districts.
- Seven districts did not track network usage levels in FY 2023. Of the districts that did track network usage levels, twenty-four reported one day or less when they experienced network capacity issues. Another eight primarily experienced capacity issues during annual testing, ranging from nine to 40 days per year. Five districts reported exceeding 75% capacity for 81 days or more.
- Most districts are only maximizing device usage for testing and not for daily learning. If districts and teachers have access to higher bandwidth, additional programs and assignments could become feasible and offer students a wider range of educational opportunities not currently available due to bandwidth restrictions.
- Districts should balance investments in internet bandwidth and the educational usage of devices.

Device Inventory and Staffing

Based on the data provided, the number of devices per IT staff member ranged from 510 to 2,791. Fifteen districts should remove obsolete devices from their inventories, and then evaluate their staffing levels. In addition to the performance measures in this report, evaluation of staffing should include other factors (e.g., volume and complexity of support tickets, district goals, expertise of IT staff).

Issues with Missing Data

Only 19 of the 50 districts included in this review (38%) provided all of the benchmarking and performance data requested for this review. This inhibited the assessment team's ability to conduct a complete analysis of IT functions in the selected districts.

SUMMARY OF RECOMMENDATIONS FOR DISTRICTS

1. In FY 2025, each district superintendent, in consultation with the district's technology program personnel, should review the information from this report and implement each of the relevant district recommendations to increase efficiency, improve service levels, and/or achieve cost-savings.
2. For districts that were unable to provide certain information during this review pertaining to their technology programs (e.g., network usage levels), technology program personnel should begin collecting and monitoring this data on an ongoing basis.
3. Technology program personnel should provide an annual report to the district superintendent regarding the status of the technology program using the measures included in this review.
4. Districts should continue investing in network bandwidth, especially those experiencing capacity issues.
5. Districts should look to their high-performing peers to determine strategies for becoming more cost-effective.

SUMMARY OF RECOMMENDATIONS FOR THE MISSISSIPPI DEPARTMENT OF EDUCATION (MDE)

1. To aid school districts in creating technology and disaster recovery plans, MDE should develop a plan template and provide guidance documents for technology staff to use when developing these plans.
2. MDE should periodically (e.g., every two years) conduct the following surveys, which would enable it to better understand the resources and support needed to assist districts in improving their technology programs:
    a. a detailed technology survey for district technology leaders, and,
    b. a detailed survey for teaching staff regarding technology use in the classroom.

PEER MISSISSIPPI
Joint Legislative Committee on Performance Evaluation and Expenditure Review

Analysis of Information Technology in 50 Mississippi School Districts:
A FY 2023 Comparative Review (Volume III)
For more information, contact: (601) 359-1226 | P.O. Box 1204, Jackson, MS 39215-1204
Senator Charles Younger, Chair | James F. (Ted) Booth, Executive Director

Analysis of Information Technology in 50 School Districts: A FY 2023 Comparative Review

Restrictions

For this comparative review, GlimpseK12 selected 50 Mississippi school districts that reflect varying sizes (based on student enrollments), geographic regions, and accountability ratings across the state.[1] See Appendix A on page 32 for a list of the districts included in this review. This review is a continuation of GlimpseK12's work in 2023, in which Glimpse reviewed data for 30 school districts in Mississippi (see PEER report #690c).

GlimpseK12 provided this report to the PEER Committee based on data and extrapolated information provided by the school districts for school year 2022-2023. GlimpseK12 did not independently verify the data or information provided by the districts or their programs. If the districts choose to provide additional data or information, GlimpseK12 reserves the right to amend the report.

All decisions made concerning the contents of this report are understood to be the sole responsibility of any organization or individual making the decision. GlimpseK12 does not and will not in the future perform any management functions for any organizations or individuals related to this report.

This report is solely intended to be a resource guide.

PEER staff contributed to the overall message of this report and recommendations based on the data and information provided by GlimpseK12. PEER staff also provided quality assurance and editing for this report to comply with PEER writing standards; however, PEER did not validate the source data collected by GlimpseK12.

[1]The Mississippi Statewide Accountability System assigns a performance rating of A, B, C, D, or F to each school district based on established criteria regarding student achievement, student growth, graduation rate, and participation rate.

Introduction

As a companion to *Instructional Analysis of 50 Mississippi School Districts: A FY 2023 Comparative Review (PEER Report #702)*, this report is one of a series of six reports that provide decisionmakers with FY 2023 comparative data regarding selected Mississippi school districts' key non-instructional programs and associated costs (i. e., human resources [HR], transportation, operations, nutrition, information technology, and finance). Of 138 total school districts in Mississippi, Glimpse K12 selected 50[2] districts with a range of characteristics, including geographic location, enrollment, and grades based on the statewide accountability system to provide FY 2023 data on their information technology (IT) functions.

This report presents data reported by school districts regarding IT benchmarks (e.g., districts' tracking of daily network usage) and performance indicators (e.g., IT expenditures as a percentage of district budget). The report also provides some regional and national averages as a basis for comparison. Appendix A, page 32, lists the districts included in this review, although not all of the districts on the list reported information in response to every request from the assessment team. Appendix B, page 34, provides IT operations and staff information. Appendix C, page 37, provides FY 2023 information technology benchmark data and performance indicators for the districts that reported information.

School district administrators should use this information to determine areas for improvement and to make informed decisions regarding their districts' operations.

[2] Although 50 districts were selected for this review, only 48 districts provided the requested information (i.e., benchmark data and performance data) either in part or in full.

Conclusions Regarding Districts' Collection of Benchmark Data for use in Managing Information Technology Resources

Benchmarking is the process of comparing and measuring different organizations' activities. Districts can use benchmark data, combined with key performance indicators, to gain insight in identifying best practices and opportunities for improvement.

Information technology benchmarks help clarify the school districts' utilization and management of technology. This report surveyed districts' reporting of the following benchmark data:

- districts' models for information technology support;
- districts' planning for information technology; and,
- districts' tracking of daily network usage.

46 of the 50 districts reviewed provided the above-listed benchmark information.[3]

Districts' Models for Information Technology Support

In 30 (65%) of the districts reporting benchmark information for FY 2023, a single department was responsible for both traditional information technology support functions and educational technology support services.

Whether a district should have one IT department handling both traditional IT and educational technology support or separate departments for each function can vary depending on several factors. The choice should consider factors such as district size, available resources, expertise, and desired technology integration. Close collaboration between the IT department and educators is necessary for successful implementation.

Both approaches have advantages and disadvantages and the best choice for a district will depend on the specific needs and goals of that specific district. Having one IT department offers resource consolidation, synergy, and comprehensive support. This structure promotes collaboration and cost-effectiveness, but may require a broad range of skills and could lead to prioritization challenges. Separate departments allow specialization, targeted support, and clearer focus. They prevent duplication of resources but may face communication challenges, potential integration issues, and higher costs.

The assessment team found that of the 46 districts reporting benchmark information:

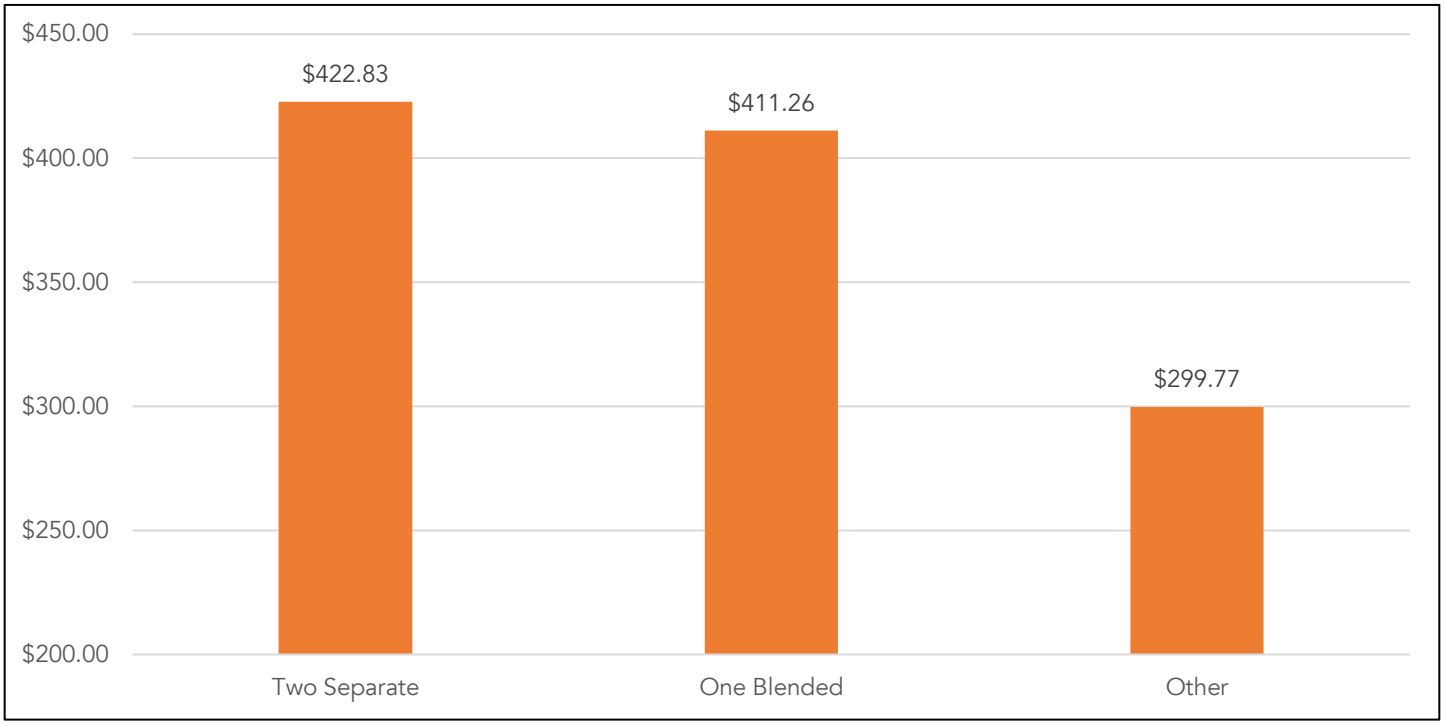
- 30 (65%) had a single department that was responsible for traditional information technology support functions and educational technology support services;
- 12 (26%) had two separate IT departments, one serving as a traditional IT department and one providing educational technology support; and,
- 4 (9%) utilizing another type of structure. In two districts, the curriculum department was responsible for educational technology needs, in one district the technology department did not have an educational technology unit in the IT department, and the fourth district received support from the Mississippi Department of Education for educational technology needs.

[3] The IT departments in the Brookhaven, East Tallahatchie, Hazlehurst, and Winona-Montgomery districts did not provide benchmark data for this report.

For those districts reporting benchmark information for FY 2023, IT expenditures by support model ranged from an average of $411 per student in the single-department model to $423 per student in the two-department model. The districts utilizing an alternative IT structure had average per-student expenditures of approximately $300.

In those districts with two IT departments (i.e., both a traditional IT department and an educational technology support department), IT expenditures per student averaged $423, which was near the total cost of IT expenditures per student of $411 in districts that had a single IT department responsible for traditional information technology support functions and educational technology support services. Average technology spending in the four districts using another type of IT support structure, such as the curriculum department being responsible for educational IT support, was approximately 25% lower, at $300 per student. Exhibit 1 on page 4 shows average spending per student by district IT support model.

Exhibit 1: Reporting Districts' Average FY 2023 Spending per Student by Type of District Support Model



Districts' Planning for Information Technology

Of the 46 districts reporting benchmark information for FY 2023, 23 (50%) had a documented technology plan. A documented technology plan serves as a blueprint for district officials to identify key technology needs, allocate resources, establish IT security guidelines, document compliance policies, and plan for future IT needs.

A documented information technology plan is necessary to help districts align their technology goals with the districts' overall educational mission and strategic plans, allocate resources effectively, provide guidance for teacher training, and establish data security and compliance policies. Twenty-three of the 46 districts reporting (50%) had a documented technology plan. District officials without a documented technology plan are at a disadvantage when planning for their district's future IT needs and goals.

Of the 46 districts reporting benchmark information for FY 2023, 30 (65%) have a technology disaster recovery plan. A disaster recovery plan is vital for preserving and recovering district financial and student information in the event of a natural disaster, hacking event, or equipment failure. Without a documented disaster recovery plan, recovering a district's information is more difficult and education services may be disrupted.

Districts should also have a disaster recovery plan for their IT functions. Such a plan is especially critical in maintaining a district's IT function in the event of a disaster. A documented technology disaster recovery plan could help minimize disruption to school operations during an emergency, ensure safety for students and staff, protect data and intellectual property, ensure that schools comply with regulations, and ensure sustainability by enabling schools to recover from a disaster. Thirty of the 46 districts reporting (65%) have a disaster recovery plan. Districts lacking a documented disaster recovery plan are at a disadvantage when attempting to recover district information; this makes disruption of educational services more likely.

Of the 46 districts reporting benchmark information for FY 2023, eight (17%) keep their data backups solely on site, which puts district IT functions at risk in the event of an emergency, disaster, or cyberattack.

Between June 2022 and May 2023, K-12 and higher education institutions across the globe experienced an 84%[4] increase in ransomware[5] attacks. The United States had the highest number of reported attacks at 107. This highlights the importance of schools having comprehensive disaster recovery plans that include off-site backup. Off-site backup of data files can protect against data loss due to disasters, cyberattacks, accidental deletion, or corruption. When surveyed for this report, the 46 districts reporting benchmark information for FY 2023 stated the following regarding their data backups:

- 8 districts keep their data backups on-site only (Baldwyn, Jackson County, Lafayette, Lamar, Lee, Leland, Lincoln, and Lowndes);
- 9 districts use cloud-based backups;
- 24 districts use a combination of on-site and cloud-based backups; and,
- 5 districts use another type of backup (e.g., using a server in the data center of another school district).

Districts' Tracking of Daily Network Usage

Of the 46 districts reporting benchmark information for FY 2023, seven (15%) do not track daily network usage.

By tracking daily network usage, a district can identify potential network capacity problems and also have insight into network usage patterns. Monitoring accurate usage data over time can also help forecast technology needs. For example, if daily network usage is consistently high and nearing maximum capacity, the district could consider plans for increased capacity or new equipment.

The assessment team requested information on daily network usage from all reporting districts and found that seven districts do not track such usage. The districts that do not track daily network usage include Holly Springs, Kosciusko, Prentiss, Quitman County, South Tippah, Stone, and Tishomingo.

[4] Data from Malwarebytes LABS - The 2023 State of Ransomware in Education: 84% increase in attacks over 6-month period (malwarebytes.com).

[5] *Ransomware* is a type of malicious software designed to block access to a computer system until a sum of money is paid.

Conclusions Regarding Districts' Collection of Key Performance Indicators for use in Managing Information Technology Resources

Key performance indicators in technology assess the productivity, cost efficiency, and service levels of a technology department. As more districts employ technology to deliver and aid in student instruction, the focus should be on the effective deployment and maintenance of technology versus reducing expenditures. It is essential to consider all key performance indicators together; one indicator should not be viewed as an overall performance measure by itself.

This study included a review of the following IT key performance indicators:

- IT spending as a percentage of district budget;
- IT spending per student;
- average age of devices;
- number of devices per staff member;
- number of devices per student;
- amount of network bandwidth per student;
- number of network days that usage exceeded 75% of capacity;
- number of advanced presentation devices per teacher;
- number of devices per IT staff member; and,
- percentage of students' households with wi-fi/broadband capabilities.

46 of the 50 districts reviewed provided the above-listed performance data for FY 2023.[6] Exhibits 2 through 11, pages 8 through 26, present this data by district.

IT Spending as Percent of Distrct Budget

For the districts reporting performance data for FY 2023, the 2.4% median percentage of a district's budget spent on IT services was approximately equal to the 2.6% regional peer average and below the midpoint of the national peer range of 1.7% to 3.9%, indicating that IT spending for districts in this cohort compares favorably with that of regional and national peers.

This metric is the percentage of IT spending in relation to a district's total operating budget and can vary based on many factors such as available resources, the number of devices, device age, bandwidth, network usage capacity, number of teachers with advanced presentation devices, and technology staffing levels. IT spending should be balanced with other essential needs, such as hiring high quality teachers, ensuring a safe and supportive environment, and offering extracurricular activities. The exact percentage of a system's overall budget spent on IT that could be considered "good" depends on the specific circumstances of the school district.

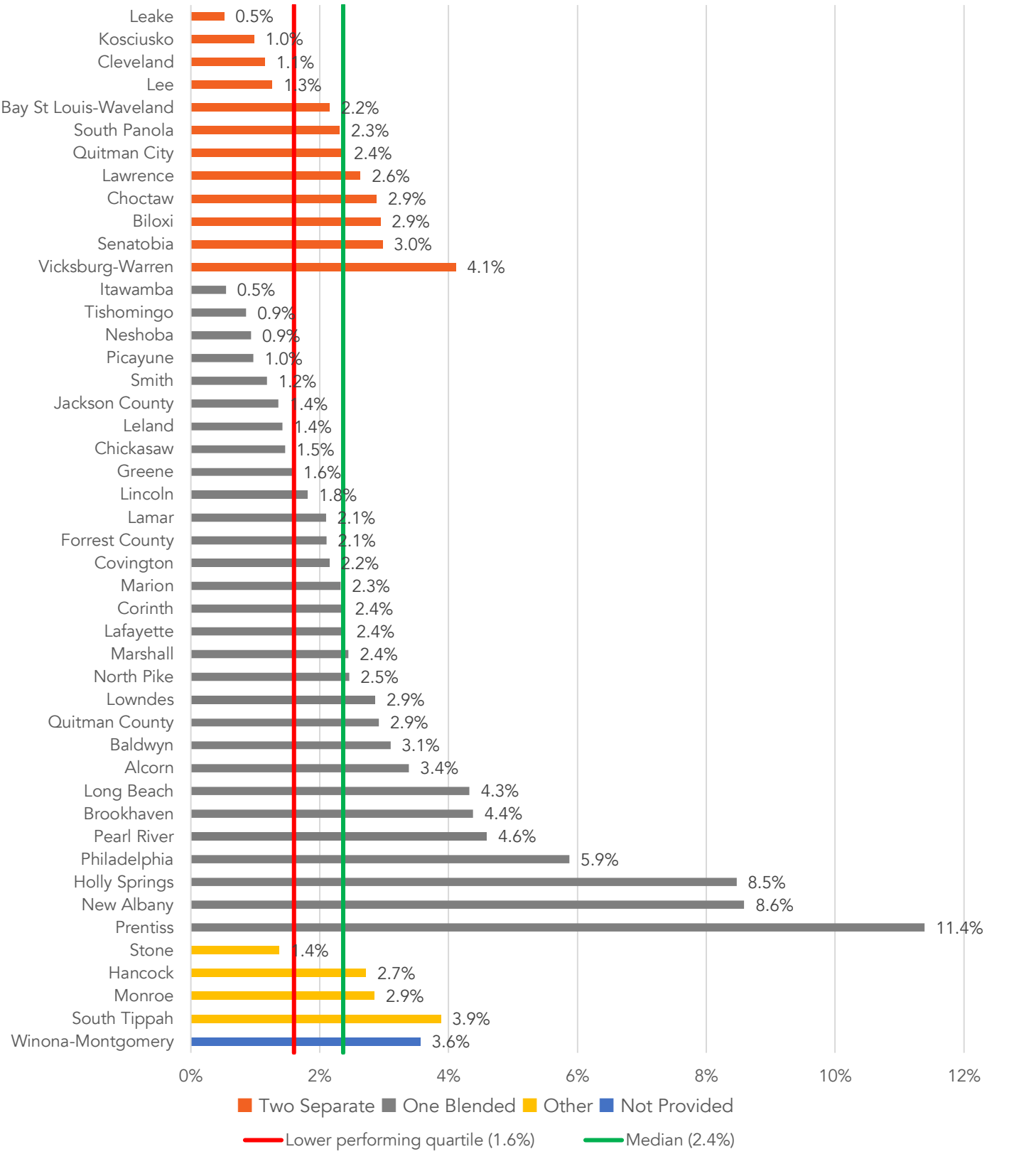
As shown in Exhibit 2, page 8, for districts that have divided IT functions between a department for traditional IT needs and a department for education technology needs (e.g., education software), spending as a percent of district budget for

[6] The IT departments at the East Tallahatchie and Hazlehurst districts did not provide performance data for this report. The IT departments at Brookhaven, Vicksburg-Warren, and Winona-Montgomery districts provided data for only two of the 10 performance indicators.

FY 2023 ranged from 0.5% in Leake to 4.1% in Vicksburg-Warren. For districts that have combined traditional IT needs and educational technology needs into one blended department, spending as a percentage of district budget for FY 2023 ranged from 0.5% in Itawamba to 11.4% in Prentiss, which expended approximately $3 million on IT capital investments.

The wide range of IT spending as a percent of district budget indicates the diverse needs and financial resources of districts in this cohort. Administration officials in each district must weigh the IT needs and strategies of the district with other district needs given each district's financial resources, capabilities, and technological infrastructure.

Exhibit 2: IT Spending as a Percentage of District Budget in FY 2023



The lower performing quartile and median in this exhibit represent the above reporting districts and an additional 30 Mississippi districts that are part of a separate review over the same period.

Note: East Tallahatchie, Hazlehurst, Newton Municipal, and Pontotoc City did not provide data.

IT Spending per Student

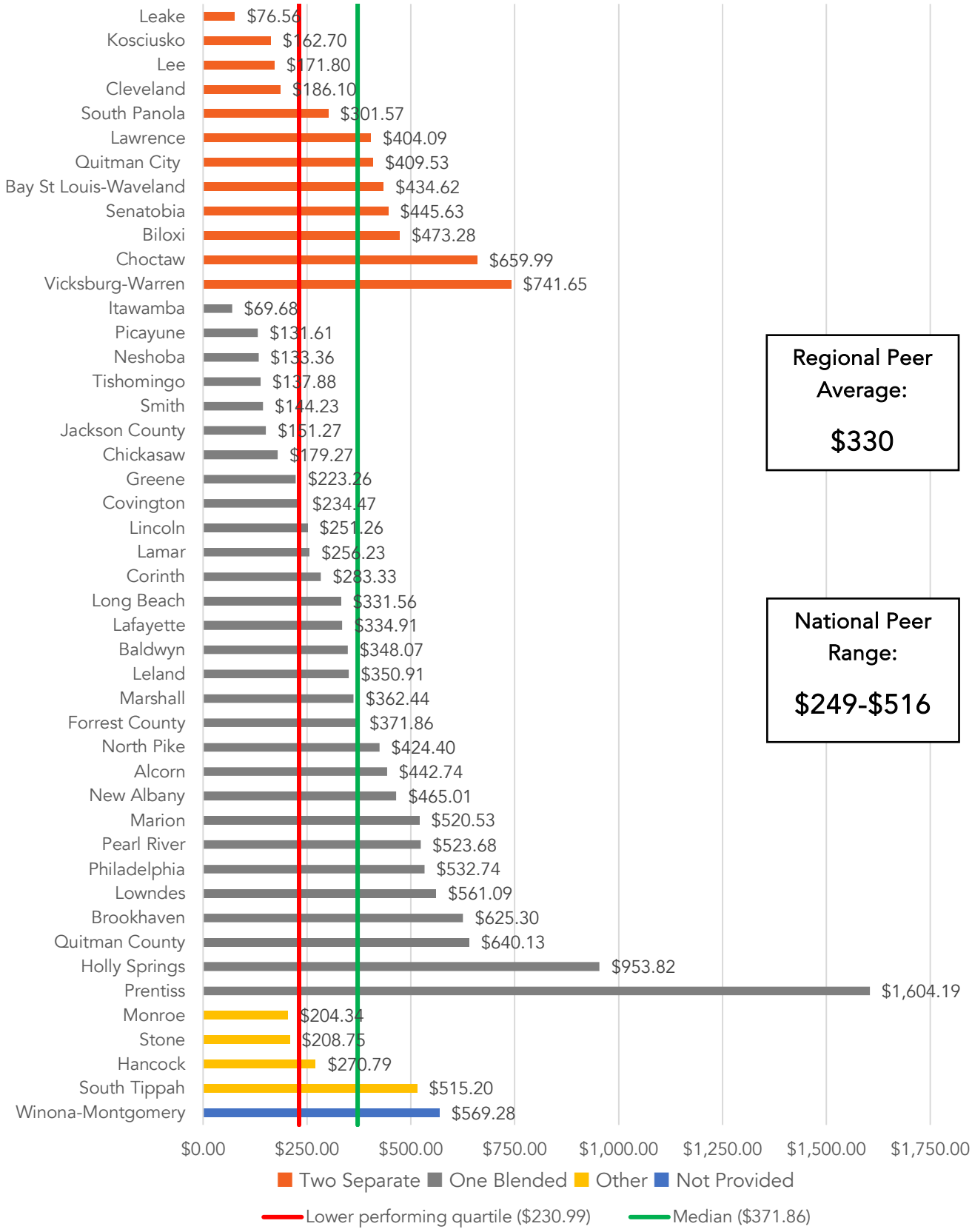
For districts reporting FY 2023 performance data, the $372 median IT spending per student is above the regional peer average of $330 per student, indicating that overall, districts in this cohort spend more per student for IT than regional peers. Compared to national peers, this cohort's median is approximately at the midpoint of the national peer range of $249 to $516, indicating that overall, IT spending per student in this cohort is comparable to that of national peers.

The measurement of IT spending per student provides a comprehensive perspective on the expenses related to information technology work (e.g., hardware and software support, network maintenance). It serves as a useful initial benchmark for evaluating IT efficiencies among different school districts. Costs can vary significantly between districts, primarily due to the number of capital projects undertaken. It is advisable to consider other, more specific functional measures for a more comprehensive analysis.

As shown in Exhibit 3, page 10, IT expenditures per student in districts with separate departments of traditional IT support and educational technology support ranged from $77 in Leake to $742 in Vicksburg-Warren. In districts with one department for both traditional IT support and educational technology support, expenditures per student ranged from $70 in Itawamba to $1,604 per student in Prentiss, including IT capital investment expenditures of $1,342 per student. The second highest IT spending per student was $954 in Holly Springs, which did not report any IT capital investment expenditures. In the four districts that provided IT support through another administrative structure, such as the curriculum department being responsible for educational technology support, IT expenditures per student ranged from $204 per student in Monroe County to $515 per student in South Tippah.

IT expenditure per student is only one key performance indicator of a district's IT efforts and, as noted above, can be heavily influence by financial decisions in a particular year. Therefore, all key performance indicators should be taken into consideration when reviewing a district's IT efforts.

Exhibit 3: Districts' IT Spending per Student in FY 2023



The lower performing quartile and median in this exhibit represent the above reporting districts and an additional 30 Mississippi districts that are part of a separate review over the same period.

Note: East Tallahatchie, Hazlehurst, Kosciusko, Leake, Newton Municipal, Pontotoc City, and Tishomingo did not provide data.

Average Age of Devices

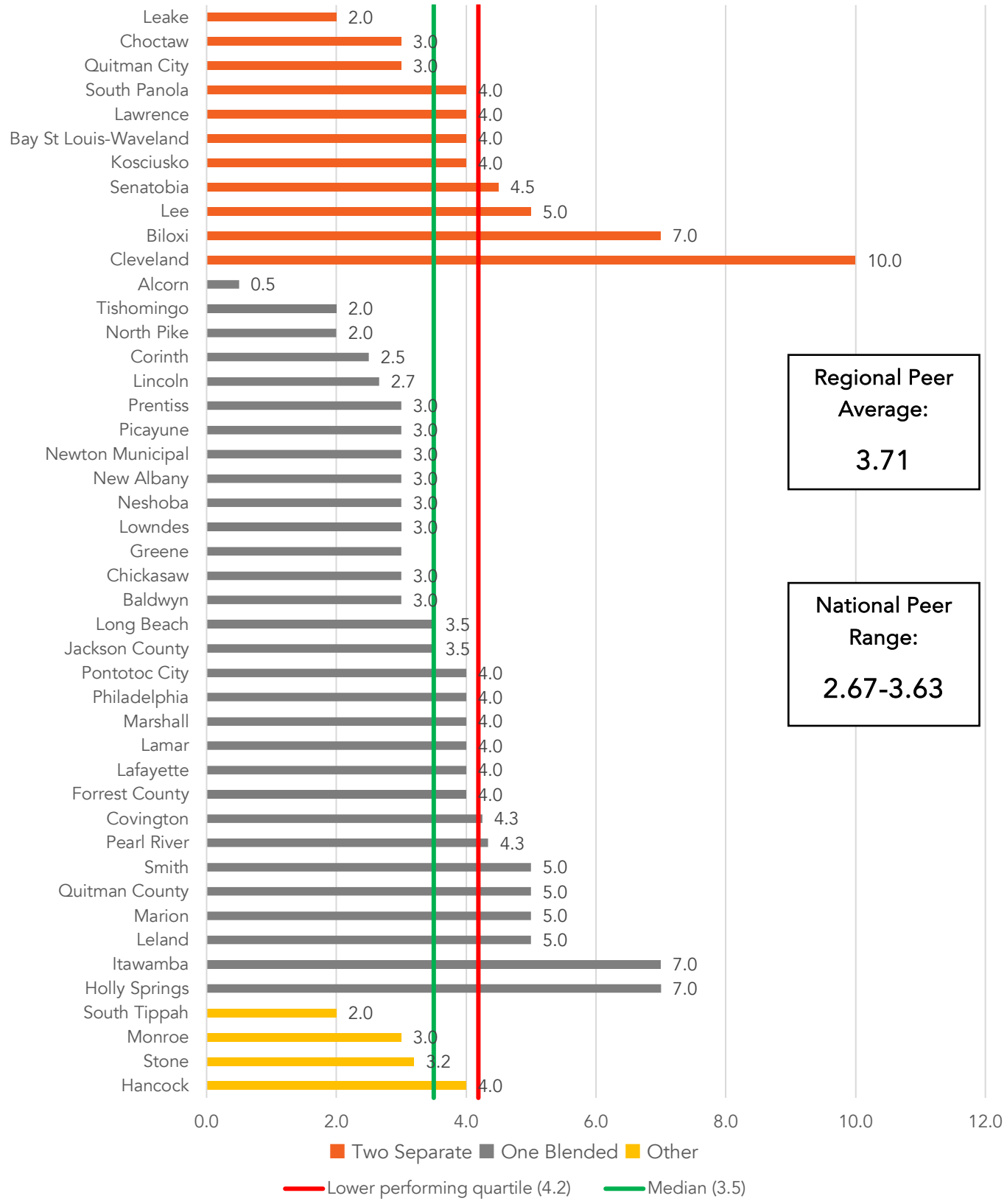
For districts reporting performance data for FY 2023, the median average age of devices of 3.5 years was slightly less than the regional peer average of 3.7 years, indicating that districts' efforts to maintain up-to-date devices compare favorably to efforts of regional peers. However, the cohort's median of 3.5 years is on the upper end of the national peer range of 2.7 to 3.6 years, indicating that national peers update devices more frequently than districts in this cohort.

Gaining insights into the average age of a districts' devices yields valuable data for budgetary and planning purposes, exerting considerable influence on areas such as break-fix support (i.e., providing support only when there is a "break" in the system), procurement of supplies, and provision of training. Acquiring a thorough understanding of computer aging plays a pivotal role in assessing the readiness of the district in adopting newly available software applications for both staff and students.

As shown in Exhibit 4, page 12, the average age of devices ranged from approximately one-half year in Alcorn to 10 years in Cleveland. The average age is a weighted average whereby a device that is one year old has a weight of 1, two years old has a weight of 2, and so forth up to devices that are five years old.

A higher average age of devices could be due to districts not updating devices or a district having obsolete devices that are still in the district's inventory and therefore increasing the district's average age of devices. For example, Alcorn, which reported the lowest average age of devices, reported approximately 3,200 student devices and student enrollment of approximately 3,200, indicating that the district removes older student devices from inventory. Cleveland, which had the oldest average age of devices, reported what appears to be an estimate of 4,000 student devices and a student enrollment of approximately 3,100 students, indicating the district may have the potential to improve its accounting for student devices. By accounting for and removing obsolete devices, the district's average age of devices could decrease.

Exhibit 4: Average Age of Districts' Devices in FY 2023



The lower performing quartile and median in this exhibit represent the above reporting districts and an additional 30 Mississippi districts that are part of a separate review over the same period.

Note: Brookhaven, East Tallahatchie, Hazlehurst, Vicksburg-Warren, and Winona-Montgomery did not provide data.

Number of Devices per Staff Member

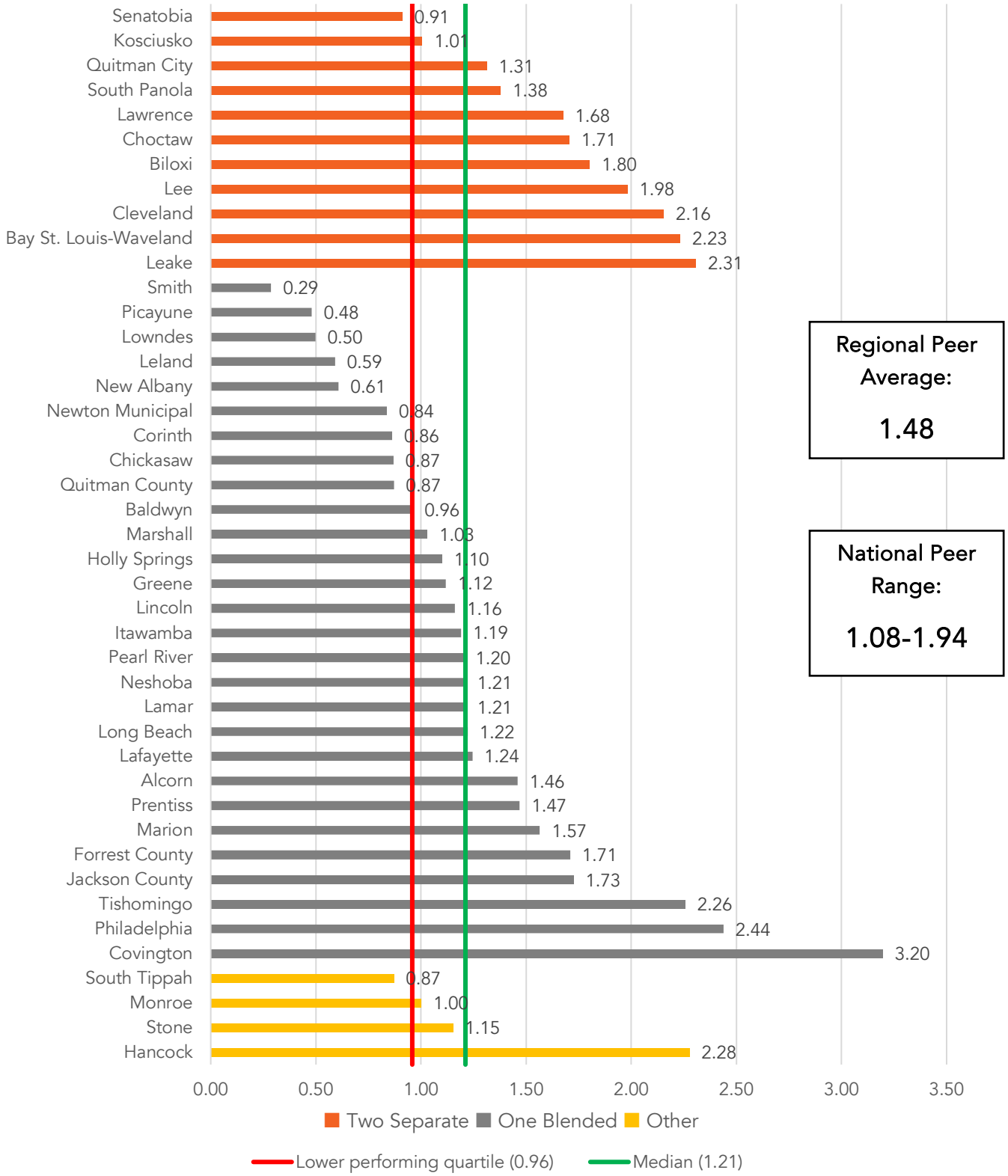
For districts reporting performance data for FY 2023, the median of 1.2 devices per staff member reported by districts in this cohort is below the regional peer average of 1.5 and on the lower end of the national peer range of 1.1 to 1.9, indicating that districts in this cohort offer staff members fewer devices than regional peers and most national peers.

The number of devices per staff member measure establishes the number of computers used by employees. Knowing the number of computers used by employees is important for effective resource allocation, robust security measures, adherence to software licensing compliance, efficient IT support provision, streamlined asset management, and informed decision making.

As shown in Exhibit 5, page 14, for districts reporting performance data for FY 2023, the number of devices per staff member ranged from 0.3 in Smith to 3.2 in Covington. The number of devices per staff member may be above 1.0 to allow for staff members to have a device for work and instruction while devices they typically use are being repaired or updated.

The number of devices per staff member can be affected by districts not maintaining an accurate list of employee devices and by not removing obsolete devices from inventory. For example, the Smith district, which reported the lowest number of devices per staff member, appears to have submitted an estimate, rather than an exact number, reporting 100 staff devices for 387 district staff members. Covington, which had the highest number of devices per staff member, reported 1,464 devices for the district's 458 staff members, indicating that the district could have obsolete devices in its inventory. An accurate inventory of staff devices is beneficial to district officials in assessing the district's IT needs and requirements for staff.

Exhibit 5: Districts' Number of Devices per Staff Member in FY 2023



The lower performing quartile and median in this exhibit represent the above reporting districts and an additional 30 Mississippi districts that are part of a separate review over the same period.

Note: Brookhaven, East Tallahatchie, Hazlehurst, North Pike, Pontotoc City, Vicksburg-Warren, and Winona-Montgomery did not provide data.

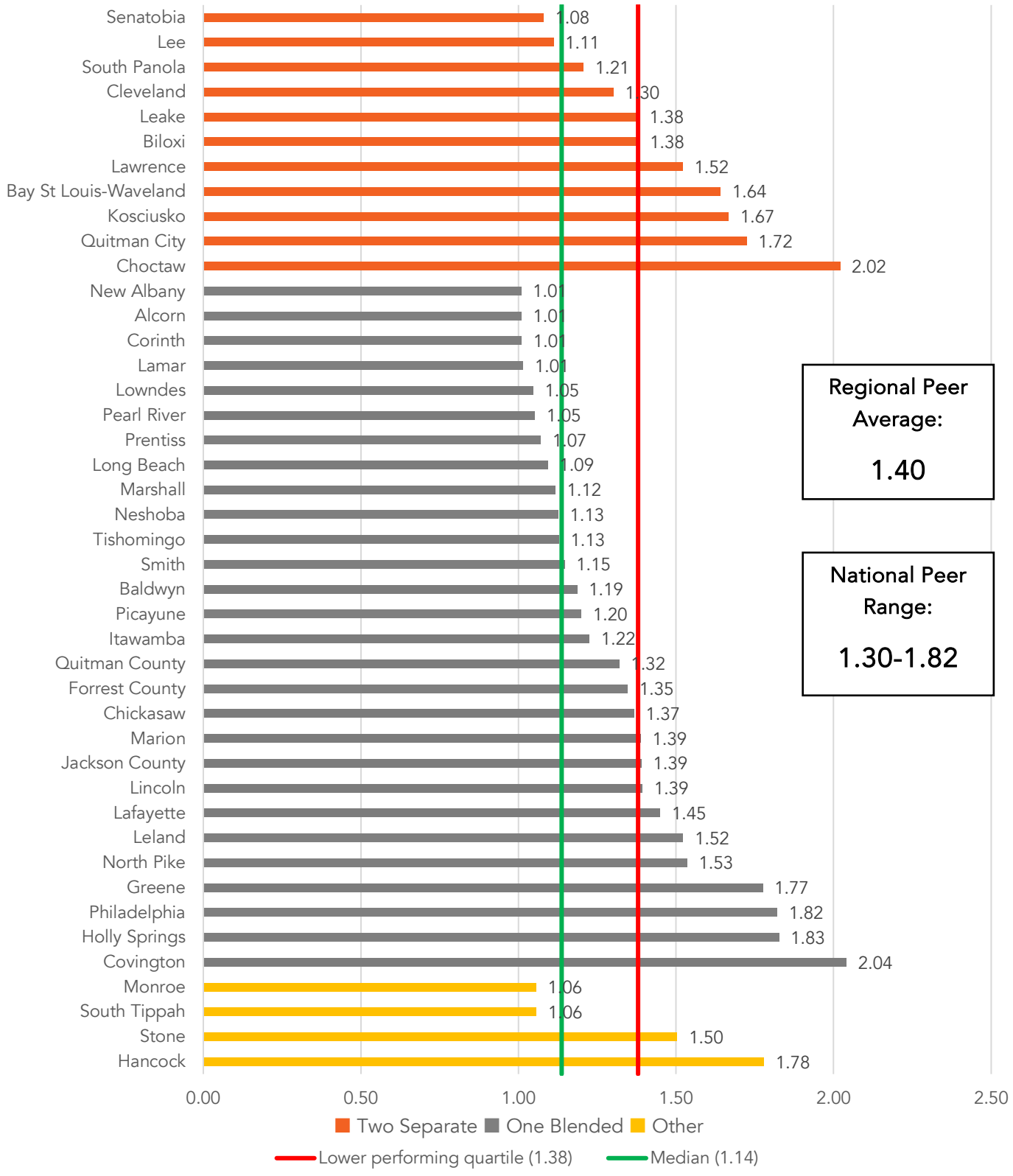
Number of Devices per Student

For districts reporting performance data for FY 2023, the median number of 1.1 devices per student reported by districts in this cohort is below the regional peer average of 1.4 and below the lower end of the national peer range of 1.3 to 1.8, indicating that districts in this cohort offer students fewer devices than regional peers and national peers.

The number of devices per student measure monitors the district's progress made in achieving a one-to-one ratio of students to devices. The 1 to 1 initiative has the potential to transform education by integrating technology into the learning process and empowering students with valuable digital skills and resources.

As shown in Exhibit 6, page 16, for districts reporting performance data for FY 2023, the number of devices per student ranged from 1.0 in New Albany, Alcorn, Corinth, and Lamar to 2.0 in Choctaw and Covington. The number of devices per student may be above 1.0 to allow students to have a device while their regular device is being repaired or updated. If the device per student is approximately 1.0, then students may not have access to another device if their device requires repair work or updating, which could impact a student's ability to complete assignments. As with other key performance indicators, such as number of devices per staff member, having obsolete devices in inventory could skew the number of devices per student ratio higher. Maintaining an accurate student device inventory is beneficial to district officials in efficiently assessing students' IT needs.

Exhibit 6: Number of Devices per Student in FY 2023



The lower performing quartile and median in this exhibit represent the above reporting districts and an additional 30 Mississippi districts that are part of a separate review over the same period.

Note: Brookhaven, East Tallahatchie, Hazlehurst, Newton Municipal, Pontotoc City, Vicksburg-Warren, and Winona-Montgomery did not provide data.

Amount of Network Bandwidth per Student

For districts reporting performance data for FY 2023, the median 0.9 Megabits per second (Mbit/s) network bandwidth per student is 3% of the regional peer average of 26 Mbit/s and less than 1% of the lower end of the national peer range of 256 Mbit/s. This data indicates that districts in this cohort are well below regional and national peers in providing teachers and students network bandwidth. Such a condition could have negative impacts on students' education by limiting the ability of teachers to use some educational software and give assignments requiring higher bandwidth, students' opportunity to use technology, and district officials' ability to offer courses and programs requiring higher bandwidth.

The purpose of this key indicator is to measure the maximum amount of data that can be transmitted over an internet connection in a given amount of time, which is different than internet speed. For example, "bandwidth" is comparable to the amount of water than can flow through a pipe, while "speed" is comparable to how quickly the water can be pushed through the pipe. The amount of network bandwidth per student serves as a comparative tool offering a quantifiable indication of progress toward the goal of providing sufficient bandwidth to support the teaching and learning environment. The bandwidth per student ratio provides a relative measure of a district's capacity to facilitate computing applications in a manner that fosters effective teaching, learning, and district operations. Lower capacity can result in suboptimal performance.

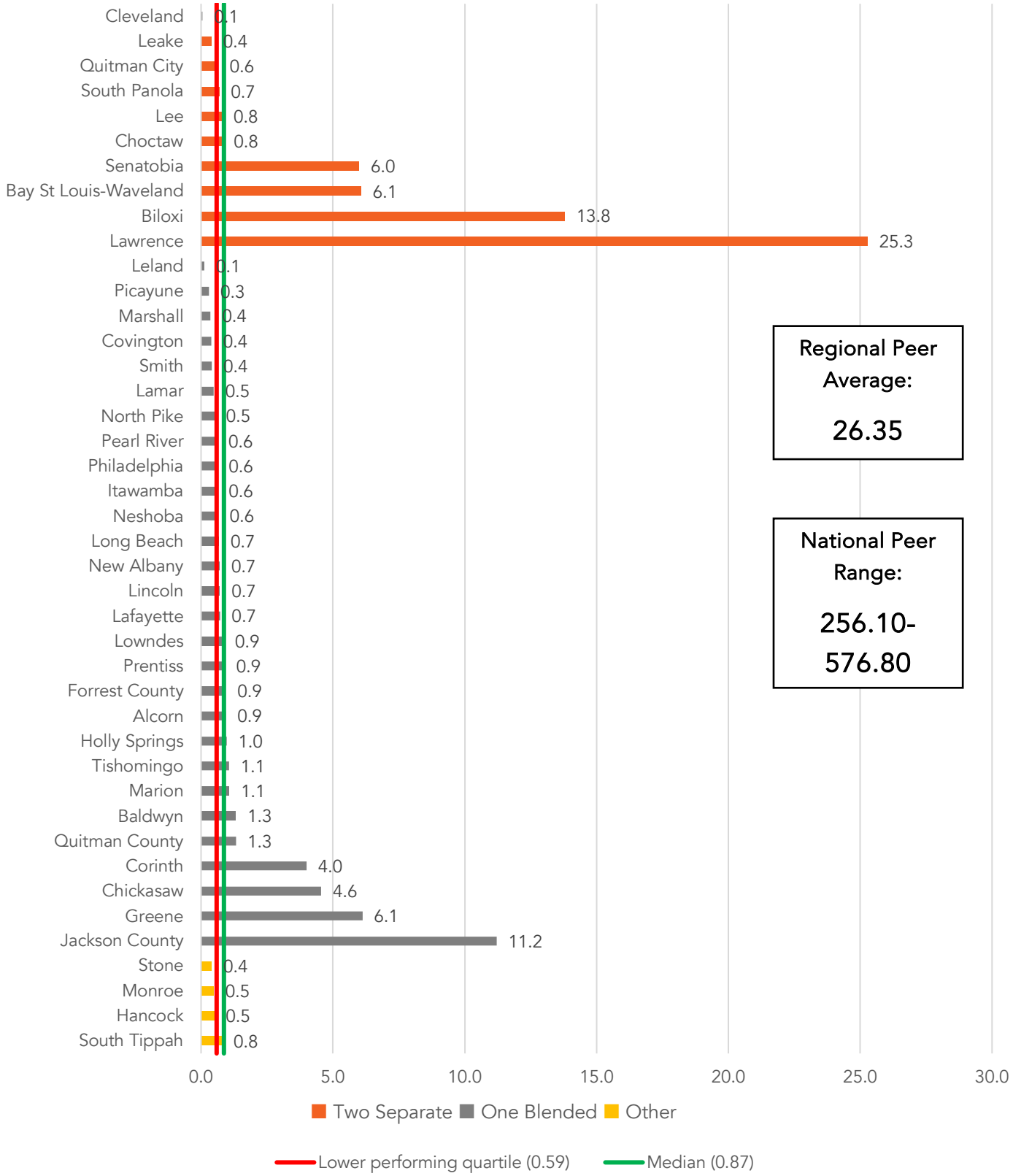
As shown in Exhibit 7, page 18, network bandwidth per student ranged from 0.1 Mbit/s in Cleveland and Leland to 25 Mbit/s in Lawrence, the only district reporting network bandwidth close to the regional peer average of 26 Mbit/s. Biloxi had the second highest network bandwidth per student at 14 Mbit/s.

In this review, the amount of data that can be transmitted through a district's network bandwidth was measured in megabits, which represents 1 million bits per second. In other words, the 0.1 Mbit/s network bandwidth per student in Cleveland and Leland equals 100,000 bits per second per student. If all students were using the network, although an unlikely event, it would take a student approximately 4 minutes to download a high-quality digital picture of 3 megabytes. In Lawrence, the network bandwidth equals 25 million bits per second per student and if all students were using the network, it would take a student approximately 1 second to download a high-quality digital picture of 3 megabytes. [7] [8]

[7] https://web.stanford.edu/class/cs101/bits-gigabytes.html#:~:text=Megabyte%20or%20MB&text=An%20MP3%20audio%20file%20of,form%2C%20MP3%20being%20an%20example.

[8] https://www.calculator.net/bandwidth-calculator.html?downloadsize2=3&downloadsize2unit=MB&bandwidth2=25&bandwidth2unit=mb&ctype=2&x=Calculate#download-time.

Exhibit 7: Amount of Network Bandwidth per Student in FY 2023



The lower performing quartile and median in this exhibit represent the above reporting districts and an additional 30 Mississippi districts that are part of a separate review over the same period.

Note: Brookhaven, East Tallahatchie, Hazlehurst, Kosciusko, Newton Municipal, Pontotoc City, Vicksburg-Warren, and Winona-Montgomery did not provide data.

Number of Network Days that Usage Exceeded 75% of Capacity

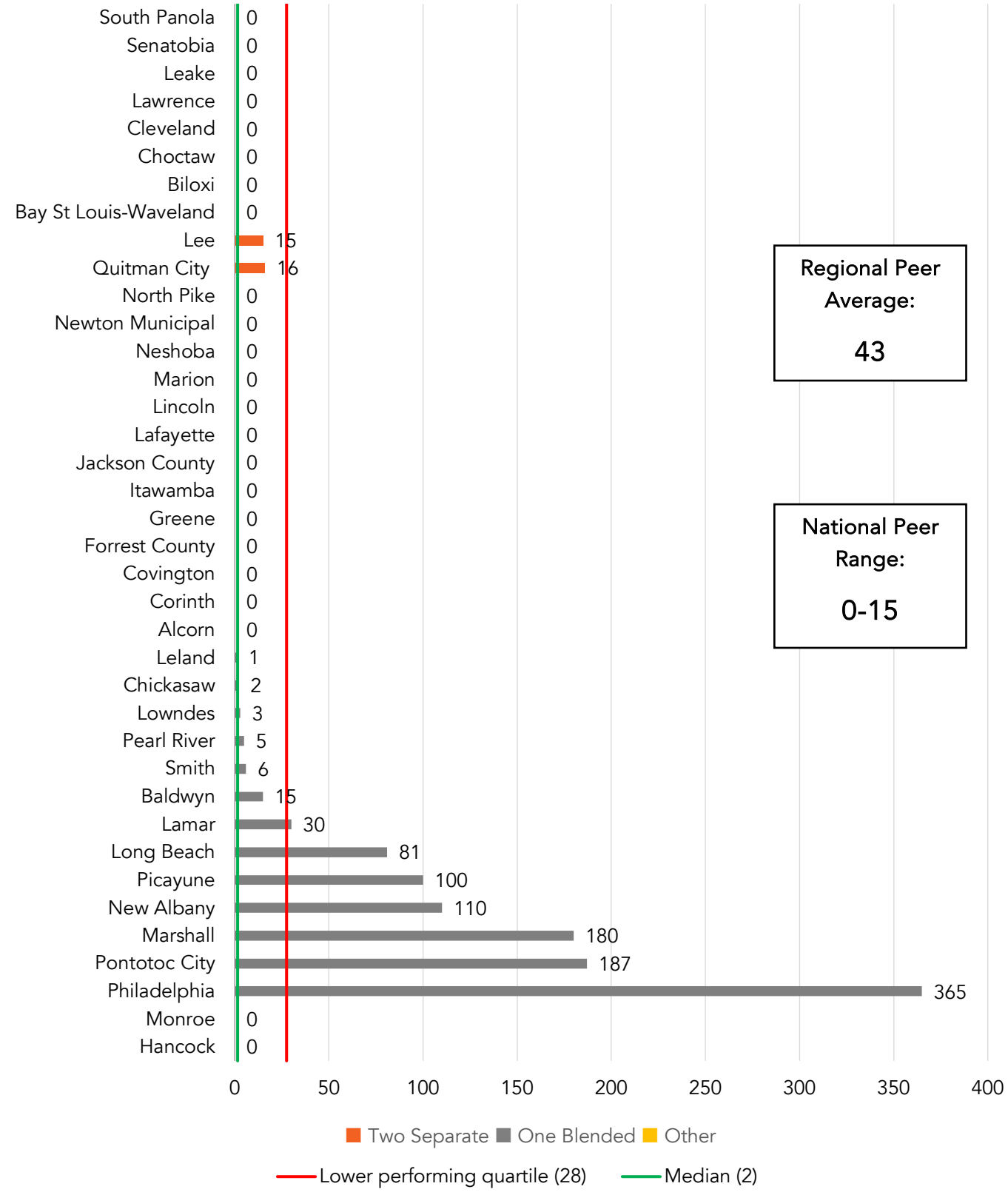
Of the districts reporting performance data for FY 2023, fifteen reported at least one day in the school year in which internet usages reached more than 75% of standard available bandwidth for five minutes or longer.

The number of network days that usage exceeded 75% of capacity measure identifies potential network capacity problems, but also promotes an understanding of how much a district utilizes technology daily. This metric can serve as a valuable justification for network expansion and capacity planning.

As shown in Exhibit 8, page 20, of the districts reporting performance data for FY 2023, fifteen districts reported at least one day in the school year in which daily internet usage exceeded 75% of standard available bandwidth for 5 minutes or longer. Because 23 districts did not report any days in which internet usage exceeded 75% of standard available bandwidth for five minute or longer, the need for greater bandwidth may seem unnecessary. However, due to awareness of potential capacity problems, teachers might have limited making assignments requiring additional bandwidth and districts might have limited, or not offered, programs that required higher amounts of bandwidth. If districts and teachers have access to higher bandwidth, additional programs and assignments could become feasible and offer students a wider range of educational opportunities not currently available due to bandwidth restrictions.

While many districts have invested in a considerable number of devices for students and staff, as well as network bandwidth upgrades, it appears that most districts are only maximizing device usage for testing and not for daily learning. Eight districts primarily experienced capacity issues during annual testing, ranging from 9 to 40 days per school year. Districts should balance investments in internet bandwidth and the educational usage of devices, which would empower teachers to utilize online resources effectively, create engaging learning experiences, and align infrastructure with educational goals.

Exhibit 8: Network Days Usage Exceeded 75% of Capacity in FY 2023



The lower performing quartile and median in this exhibit represent the above reporting districts and an additional 30 Mississippi districts that are part of a separate review over the same period.

Note: Brookhaven, East Tallahatchie, Hazlehurst, Holly Springs, Kosciusko, Prentiss, Quitman County, South Tippah, Stone, Tishomingo, Vicksburg-Warren, and Winona-Montgomery did not provide data.

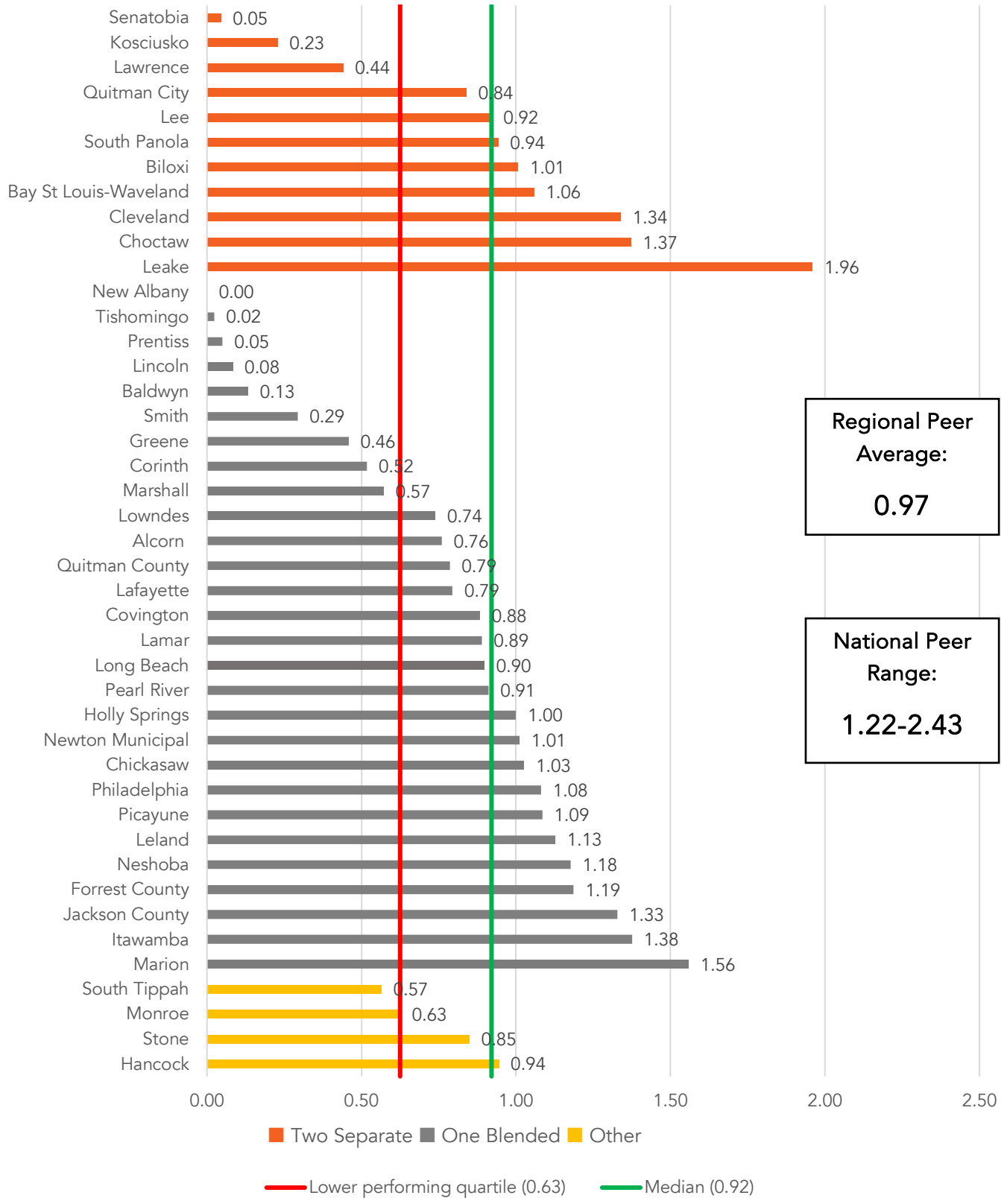
Number of Advanced Presentation Devices per Teacher

Of the districts reporting performance data for FY 2023, the 0.92 median number of advanced presentation devices per teacher (i.e., video/data projectors or smart whiteboards) is approximately equal to the 0.97 regional peer average but below the lower end of the national peer range of 1.2 to 2.4. Thus, districts in this cohort offer teachers approximately the same number of advanced presentation devices as regional peers but fewer devices than national peers.

Advanced presentation devices (e.g., video/data projectors or smart whiteboards) can empower teachers to create engaging and interactive learning environments, improve content delivery, foster collaboration, and enhance student engagement. By utilizing these devices, teachers can enhance their teaching effectiveness and provide students with an enriched and modern educational experience.

As shown in Exhibit 9, page 22, of the districts reporting performance data for FY 2023, the number of advanced presentation devices per teacher ranged from 0 in New Albany to 1.96 in Leake. Four other districts reported less than 0.1 advanced presentation devices per teacher: Tishomingo 0.02 (6 devices and 251 teachers), Prentiss 0.05 (8 devices and 159 teachers), Senatobia 0.05 (8 devices and 176 teachers), and Lincoln 0.08 (17 devices and 204 teachers). The lack of advanced presentation devices may hinder the effectiveness of teachers in demonstrating and explaining various subjects and course material, thereby limiting students' educational opportunities.

Exhibit 9: Number of Advanced Presentation Devices per Teacher in FY 2023



The lower performing quartile and median in this exhibit represent the above reporting districts and an additional 30 Mississippi districts that are part of a separate review over the same period.

Note: Brookhaven, East Tallahatchie, Hazlehurst, North Pike, Pontotoc City, Vicksburg-Warren, and Winona-Montgomery did not provide data.

Number of Devices per IT Staff Member

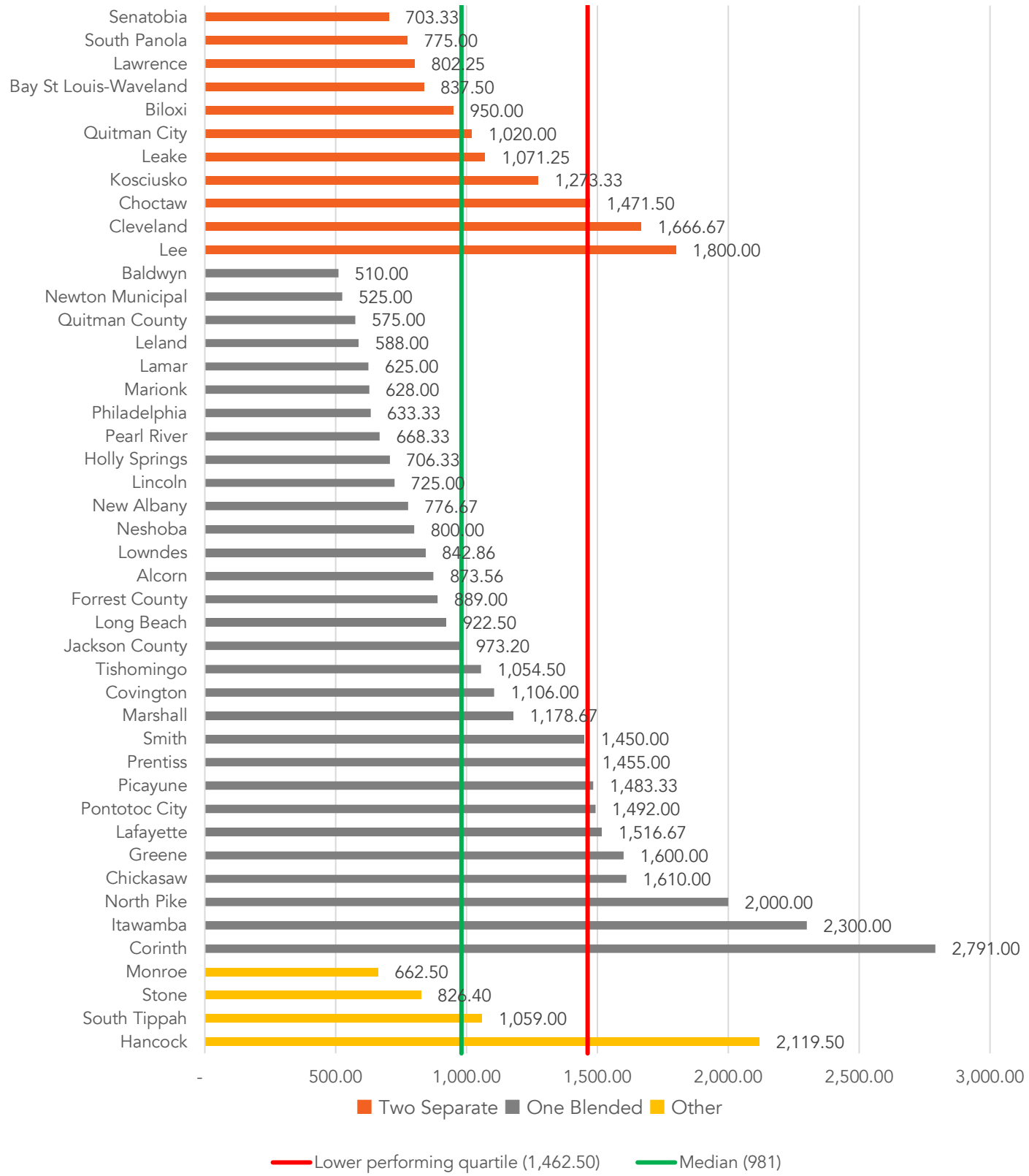
Of the districts reporting performance data for FY 2023, the median number of devices per IT staff member (981) is below the regional peer average of approximately 1,200 devices per IT staff member, indicating that IT staff members in this cohort are typically responsible for fewer IT devices than IT staff members in regional peers.

The number of devices per IT staff measure may be used to evaluate the efficiency of a district's information technology department maintenance and repair infrastructure and can aid in assessing staffing levels. However, this measure should be used as a singular indicator and not the sole determining factor for evaluating staffing levels. Other relevant factors include the age and condition of devices, the complexity of repair activities, and whether the district sub-contracts any IT maintenance/repair activities.

Of the districts reporting performance data for FY 2023, as shown in Exhibit 10, page 24, the number of devices, employee and student, per IT staff member ranged from 510 in Baldwyn to 2,791 in Corinth. As with other key performance indicators, such as the number of IT devices per staff member or per student, having obsolete devices in a district's inventory can increase the number of devices per staff member. Also, a small change in the number of IT staff can greatly impact this ratio. For example, Corinth reported one IT staff member. If district officials hired an additional IT staff member, Corinth's figure would drop to 1,395.5.

Using the information in this report, district officials have the opportunity to compare all key indicators to those of similar districts and consider possible adjustments to the district's IT function, with the goal of improving efficiency and IT services to staff and students.

Exhibit 10: Number of Devices per IT Staff in FY 2023



The lower performing quartile and median in this exhibit represent the above reporting districts and an additional 30 Mississippi districts that are part of a separate review over the same period.

Note: Brookhaven, East Tallahatchie, Hazlehurst, Vicksburg-Warren, and Winona-Montgomery did not provide data.

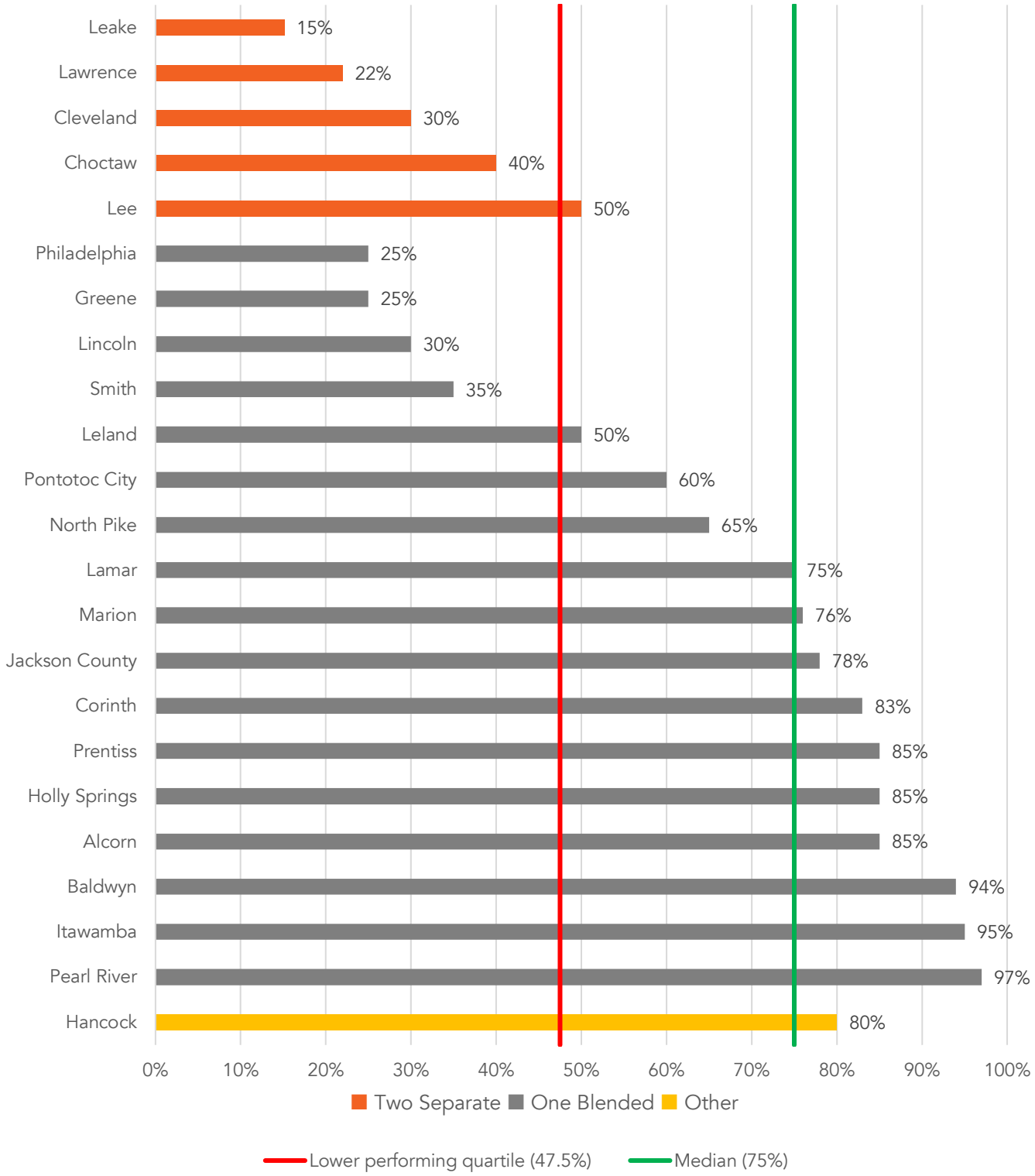
Percentage of Students' Households with Wi-Fi/Broadband Capabilities

Of the 23 districts that surveyed student households for FY 2023, ten reported that 50% or less of students' households had access to broadband internet and Wi-Fi capabilities at home, which emphasizes the role districts play in providing students with broadband and WI-FI access at school for assignments.

The percentage of students' households with Wi-Fi/broadband capabilities is a valuable metric to assess household internet availability. It can help identify households without internet or limited access, enabling schools and policymakers to better understand the extent of the problem and take appropriate steps to address it. This metric can also facilitate planning for remote learning by providing insights into the technology resources available to students at home.

Twenty-three districts conducted a survey of students' households concerning whether students had access to broadband internet and Wi-Fi at home during FY 2023. As shown in Exhibit 11, page 26, of the 23 districts, ten reported that 50% or less of students' households had broadband and Wi-Fi capabilities at home. Leake reported the lowest percentage of 15%. Three districts reported over 90% access to these capabilities: Baldwyn (94%), Itawamba (95%), and Pearl River (97%). Infrastructure limitations and economic disadvantage play roles in students having access to broadband internet and Wi-Fi at home. Without these advanced capabilities, students may be at a disadvantage when working on assignments away from school facilities, which could negatively impact students' educational opportunities.

Exhibit 11: Percentage of Students' Households with Wi-Fi/Broadband Capabilities in FY 2023



The lower performing quartile and median in this exhibit represent the above reporting districts and an additional 30 Mississippi districts that are part of a separate review over the same period.

Note: Bay St. Louis-Waveland, Biloxi, Brookhaven, Chickasaw, Covington, East Tallahatchie, Forrest County, Hazlehurst, Kosciusko, Lafayette, Long Beach, Lowndes, Marshall, Monroe, Neshoba, New Albany, Newton Municipal, Picayune, Quitman City, Quitman County, Senatobia, South Panola, South Tippah, Stone, Tishomingo, Vicksburg-Warren, and Winona-Montgomery did not provide data.

Conclusion Regarding Districts' Data Collection of IT Functions

Only 19 of the 50 districts included in this review (38%) provided all of the benchmarking and performance data requested for this review. This inhibited the assessment team's ability to conduct a complete analysis of IT functions in the selected districts.

As noted previously, GlimpseK12 selected 50 of Mississippi's 146 school districts with a range of characteristics, including geographic location, enrollment, and grades based on the statewide accountability system to provide FY 2023 data on their IT functions. The highest number of districts reporting on any one data measurement was 46. Only 19 of the 50 districts included in this review (38%) provided all of the benchmarking and performance data requested. In some cases, districts do not collect or track the type of information requested (e.g., information regarding students' households with Wi-Fi/Broadband capabilities). The IT departments at East Tallahatchie and Hazlehurst did not provide any data or information for this report. Further, Brookhaven, Vicksburg-Warren, and Winona-Montgomery provided minimal performance data. Without such data, the districts' ability to manage their IT functions effectively is diminished.

Recommendations

1. In FY 2025, each district superintendent, in consultation with the district's information technology program personnel, should review the information from this report and implement each of the relevant recommendations for districts to increase efficiency, improve service levels, and/or achieve cost savings. (See Exhibit 12, page 29, for recommendations specific to school districts.)
2. For those districts that were unable to provide certain information requested during this review pertaining to their information technology programs (e.g., network usage levels), information technology program personnel should begin collecting and monitoring this data on an ongoing basis.
3. Each district's information technology program personnel should provide an annual report to the district's superintendent regarding the status of the program using the measures included in this review.
4. Districts should continue investing in network bandwidth, especially those experiencing capacity issues.
5. To aid school districts in creating technology and disaster recovery plans, the Mississippi Department of Education (MDE) should develop a plan template and provide guidance documents for technology staff to use when developing such plans.
6. MDE should periodically (e.g., every two years) conduct the following surveys, which would enable it to better understand the resources and support needed to assist districts in improving their technology programs:
    a. a detailed information technology survey for district technology leaders; and,
    b. a detailed survey for teaching staff regarding information technology use in the classroom.

Exhibit 12: District-Specific Recommendations Regarding Information Technology

Alcorn	The district should develop a formally documented disaster recovery plan.
Baldwyn	The district should pursue off-site backups of data. The district should also evaluate overall staffing levels for technology.
Bay St. Louis-Waveland	The district should develop a formally documented disaster recovery plan and a formally documented technology plan. The district should also review the device inventory and remove obsolete devices.
Biloxi	The district should develop a formally documented disaster recovery plan and a formally documented technology plan. The district should also survey parents of students regarding Wi-Fi/Broadband access.
Brookhaven	The district provided only minimal performance information; thus, no recommendations could be made.
Chickasaw	The district should examine overall staffing levels for technology. The district should also survey parents of students regarding Wi-Fi/Broadband access.
Choctaw	None.
Cleveland	The district should review the device inventory and remove obsolete devices. The district should also examine overall staffing levels for technology once the review of obsolete devices has been completed.
Corinth	The district should examine overall staffing levels for technology.
Covington	The district should develop a formally documented disaster recovery plan and a formally documented technology plan. The district should also survey parents of students regarding Wi-Fi/Broadband access.
East Tallahatchie	The district failed to provide benchmark or performance information for this review; thus, no recommendations could be made.
Forrest County	The district should develop a formally documented technology plan. The district should also survey parents of students regarding Wi-Fi/Broadband access.
Greene	The district should develop a formally documented technology plan. The district should also examine overall staffing levels for technology.
Hancock	The district should develop a formally documented technology plan and a formally documented disaster recovery plan. The district should also review the device inventory and remove obsolete devices. The district should examine overall staffing levels for technology once the review of obsolete devices has been completed.
Hazlehurst	The district failed to provide benchmark or performance information for this review; thus, no recommendations could be made.
Holly Springs	The district should track daily network usage levels. The district should also review the device inventory and remove obsolete devices. Further, the district should evaluate overall staffing levels for technology once the review of obsolete devices has been completed.
Itawamba	The district should develop a formally documented technology plan and disaster recovery plan. The district should also review the device inventory and remove obsolete devices. Further, the district should examine overall staffing levels for technology once the review of obsolete devices has been completed.

Jackson County	The district should develop a formally documented technology plan and disaster recovery plan. The district also should pursue off-site backups of data. Further, the district should evaluate overall staffing levels for technology.
Kosciusko	The district should develop a formally documented technology plan. The district should also track daily network usage levels. Further, the district should evaluate overall staffing levels for technology.
Lafayette	The district should develop a formally documented technology plan and disaster recovery plan. The district should also pursue off-site backups of data. Further, the district should evaluate overall staffing levels for technology. Finally, the district should survey parents of students regarding Wi-Fi/Broadband access.
Lamar	The district should develop a formally documented technology plan and disaster recovery plan. The district should also pursue off-site backups of data.
Lawrence	The district should develop a formally documented technology plan and disaster recovery plan.
Leake	The district should evaluate overall staffing levels for technology.
Lee	The district should pursue off-site backups of data. The district should also evaluate overall staffing levels for technology.
Leland	The district should pursue off-site backups of data. The district should also evaluate overall staffing levels for technology.
Lincoln	The district should develop a formally documented technology plan and disaster recovery plan.
Long Beach	The district should develop a formally documented technology plan. The district should also survey parents of students regarding Wi-Fi/Broadband access.
Lowndes	The district should pursue off-site backups of data. The district should also survey parents of students regarding Wi-Fi/Broadband access.
Marion	The district should evaluate overall staffing levels for technology.
Marshall	The district should develop a formally documented technology plan and a formally documented disaster recovery plan. The district should also evaluate overall staffing levels for technology. Further, the district should survey parents of students regarding Wi-Fi/Broadband access.
Monroe	The district should develop a formally documented technology plan. The district should also evaluate overall staffing levels for technology. Further, the district should survey parents of students regarding Wi-Fi/Broadband access.
Neshoba	The district should develop a formally documented technology plan. The district should also survey parents of students regarding Wi-Fi/Broadband access.
New Albany	The district should evaluate overall staffing levels for technology. The district should also survey parents of students regarding Wi-Fi/Broadband access.
Newton Municipal	The district should develop a formally documented technology plan. The district should also evaluate overall staffing levels for technology. Further, the district should survey parents of students regarding Wi-Fi/Broadband access.
North Pike	The district should evaluate overall staffing levels for technology.

Pearl River	The district should evaluate overall staffing levels for technology.
Philadelphia	The district should develop a formally documented disaster recovery plan. The district should also evaluate overall staffing levels for technology.
Picayune	The district should develop a formally documented technology plan. The district should also evaluate overall staffing levels for technology. Further, the district should survey parents of students regarding Wi-Fi/Broadband access.
Pontotoc	The district should examine overall staffing levels for technology.
Prentiss	The district should track daily network usage levels. The district should also evaluate overall staffing levels for technology.
Quitman City	The district should develop a formally documented technology plan. The district should also evaluate overall staffing levels for technology. Further, the district should survey parents of students regarding Wi-Fi/Broadband access.
Quitman County	The district should develop a formally documented technology plan and a formally documented disaster recovery plan. The district should also track daily network usage levels. Further, the district should examine overall staffing levels for technology. Finally, the district should survey parents of students regarding Wi-Fi/Broadband access.
Senatobia	The district should develop a formally documented disaster recovery plan. The district should also evaluate overall staffing levels for technology. Further, the district should survey parents of students regarding Wi-Fi/Broadband access.
Smith	The district should review the device inventory and remove obsolete devices. Once completed, the district should evaluate overall staffing levels for technology.
South Panola	The district should examine overall staffing levels for technology. The district should also survey parents of students regarding Wi-Fi/Broadband access.
South Tippah	The district should develop a formally documented technology plan and a formally documented disaster recovery plan. The district should also track daily network usage levels. Further, the district should also examine overall staffing levels for technology. Finally, the district should survey parents of students regarding Wi-Fi/Broadband access.
Stone	The district should develop a formally documented technology plan. The district should also track daily network usage levels. Further, the district should survey parents of students regarding Wi-Fi/Broadband access.
Tishomingo	The district should develop a formally documented disaster recovery plan. The district should also track daily network usage levels. Further, the district should evaluate overall staffing levels for technology. Finally, the district should survey parents of students regarding Wi-Fi/Broadband access.
Vicksburg-Warren	None (based solely on benchmark information). The district provided only minimal performance information; thus, no recommendations could be made.
Winona-Montgomery	The district provided no benchmark information and only minimal performance information; thus, no recommendations could be made.

Appendix A: List of School Districts Included in This Review

1. Alcorn
2. Baldwyn
3. Bay St Louis-Waveland
4. Biloxi
5. Brookhaven
6. Chickasaw
7. Choctaw
8. Cleveland
9. Corinth
10. Covington
11. East Tallahatchie*
12. Forrest County
13. Greene
14. Hancock
15. Hazlehurst*
16. Holly Springs
17. Itawamba
18. Jackson County
19. Kosciusko
20. Lafayette
21. Lamar
22. Lawrence
23. Leake
24. Lee
25. Leland
26. Lincoln
27. Long Beach
28. Lowndes
29. Marion
30. Marshall
31. Monroe
32. Neshoba
33. New Albany
34. Newton Municipal
35. North Pike
36. Pearl River
37. Philadelphia
38. Picayune
39. Pontotoc City
40. Prentiss
41. Quitman City
42. Quitman County
43. Senatobia
44. Smith
45. South Panola

46. South Tippah
47. Stone
48. Tishomingo
49. Vicksburg-Warren
50. Winona-Montgomery

*The information technology departments at East Tallahatchie and Hazlehurst failed to provide benchmark or performance data for this review.

SOURCE: PEER.

Appendix B: IT Department Data by District

District	Traditional/ Educational Functions	Total Annual Technology Expenditures	Total Number of District Staff	Total Student Enrollment	Number of Employee Devices	Number of Student Devices	Total IT, Support Staff FTE
Alcorn	One Blended	$1,414,562	485	3,195	708	3,223	4.5
Baldwyn	One Blended	$264,187	125	759	120	900	2
Bay St. Louis-Waveland	Two Separate	$715,388	291	1,646	650	2,700	4
Biloxi	Two Separate	$2,744,577	832	5,799	1,500	8,000	10
Brookhaven	Not Provided						
Chickasaw	One Blended	$393,688	253	2,196	220	3,000	2
Choctaw	Two Separate	$355,301	251	1,245	428	2,515	2
Cleveland	Two Separate	$572,067	464	3,074	1,000	4,000	3
Corinth	One Blended	$709,180	307	2,503	265	2,526	1
Covington	One Blended	$594,393	458	2,535	1,464	5,172	6
East Tallahatchie	Not Provided						
Forrest	One Blended	$792,058	403	2,130	689	2,867	4
Greene	One Blended	$364,815	268	1,634	300	2,900	2
Hancock	Other	$1,079,643	609	3,987	1,387	7,091	4
Hazlehurst	Not Provided						
Holly Springs	One Blended	$981,483	218	1,029	240	1,879	3
Itawamba	One Blended	$110,731	504	3,266	600	4,000	2
Jackson County	One Blended	$1,349,445	1,275	8,921	2,200	12,398	15
Kosciusko	Two Separate	$341,675	318	2100	320	3,500	3
Lafayette	One Blended	$924,682	442	2,761	550	4,000	3
Lamar	One Blended	$981,483	1,652	10,350	2,000	10,500	20

District	Traditional/ Educational Functions	Total Annual Technology Expenditures	Total Number of District Staff	Total Student Enrollment	Number of Employee Devices	Number of Student Devices	Total IT, Support Staff FTE
Lawrence	Two Separate	$981,483	386	1,685	647	2562	4
Leake	Two Separate	$192,311	357	2,512	824	3,461	4
Lee	Two Separate	$1,082,857	1,009	6,303	2,000	7,000	5
Leland	One Blended	$981,483	169	707	100	1,076	2
Lincoln	One Blended	$698,238	413	2,779	480	3,870	6
Long Beach	One Blended	$971,142	401	2,929	490	3,200	4
Lowndes	One Blended	$2,896,334	1,002	5,162	500	5,400	7
Marion	One Blended	$975,479	345	1,874	540	2,600	5
Marshall	One Blended	$1,006,501	423	2,777	436	3,100	3
Monroe	Other	$426,043	449	2,085	450	2,200	4
Neshoba	One Blended	$414,753	413	3,096	500	3,500	5
New Albany	One Blended	$977,913	345	2,103	210	2,120	3
Newton Municipal	One Blended	Not Provided	179	Not Provided	150	900	2
North Pike	One Blended	$829,697	Not Provided	1,955	1,000	3,000	2
Pearl River	One Blended	$1,743,324	424	3,329	510	3,500	6
Philadelphia	One Blended	$438,975	164	824	400	1,500	3
Picayune	One Blended	$442,596	871	3,363	419	4,031	3
Pontotoc City	One Blended	Not Provided	Not Provided	Not Provided	384	2,600	2
Prentiss	One Blended	$3,596,589	347	2,242	510	2,400	2
Quitman City	Two Separate	$485,217	291	1,554	382	2,678	3
Quitman County	One Blended	$636,416	172	758	150	1,000	2

District	Traditional/ Educational Functions	Total Annual Technology Expenditures	Total Number of District Staff	Total Student Enrollment	Number of Employee Devices	Number of Student Devices	Total IT, Support Staff FTE
Senatobia	Two Separate	$743,314	1,668	1,668	310	1,800	3
Smith	One Blended	$352,352	348	2,443	100	2,800	2
South Panola	Two Separate	$1,300,653	725	4,313	1,000	5,200	8
South Tippah	Other	$743,314	574	2,534	500	2,677	3
Stone	Other	$511,860	387	2,452	446	3,686	5
Tishomingo	One Blended	$388,969	459	2,821	1,036	3,182	4
Vicksburg-Warren	Not Provided						
Winona-Montgomery	Not Provided						

Alcorn			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?	✓		
Has a technology disaster recovery plan?		x	
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Single department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	3.4%	+	+
IT Spending per Student	$442.74	+	+
Average Age of Devices (weighted)	.5	_	_
Number of Devices per Staff Member	1.46	+	_
Number of Devices per Student	1.01	_	_
Amount of Network Bandwidth per Student	.9	+	_
Number of Network Days that Usage Exceeded 75% of Capacity	0	_	_
Number of Advanced Presentation Devices per Teacher	.76	_	_
Number of Devices per IT Staff Member	873.56	_	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	85%	+	N/A

Baldwyn			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?	✓		
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?		x	
Tracks daily network usage levels?	✓		
Model used for information technology support	Single department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	3.1%	+	+
IT Spending per Student	$348.07	_	+
Average Age of Devices (weighted)	3	_	_
Number of Devices per Staff Member	.96	_	_
Number of Devices per Student	1.19	+	_
Amount of Network Bandwidth per Student	1.3	+	_
Number of Network Days that Usage Exceeded 75% of Capacity	15	+	_
Number of Advanced Presentation Devices per Teacher	.13	_	_
Number of Devices per IT Staff Member	510	_	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	94%	+	N/A

Bay St. Louis-Waveland			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?		x	
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Two separate IT departments		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	2.2%	_	_
IT Spending per Student	$434.62	+	+
Average Age of Devices (weighted)	4	+	+
Number of Devices per Staff Member	2.23	+	+
Number of Devices per Student	1.64	+	+
Amount of Network Bandwidth per Student	6.1	+	_
Number of Network Days that Usage Exceeded 75% of Capacity	0	_	_
Number of Advanced Presentation Devices per Teacher	1.06	+	+
Number of Devices per IT Staff Member	837.5	_	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Biloxi			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?		x	
Has a technology disaster recovery plan?		x	
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Two separate IT departments		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	2.9%	+	+
IT Spending per Student	$473.28	+	+
Average Age of Devices (weighted)	7	+	+
Number of Devices per Staff Member	1.80	+	+
Number of Devices per Student	1.38	+	_
Amount of Network Bandwidth per Student	13.8	+	_
Number of Network Days that Usage Exceeded 75% of Capacity	0	_	_
Number of Advanced Presentation Devices per Teacher	1.01	+	+
Number of Devices per IT Staff Member	950	_	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Brookhaven			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?	Data Not Provided		
Has a technology disaster recovery plan?			
Has off-site backups of data?			
Tracks daily network usage levels?			
Model used for information technology support			

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	4.4%	+	+
IT Spending per Student	$625.30	+	+
Average Age of Devices (weighted)	Data Not Provided		
Number of Devices per Staff Member			
Number of Devices per Student			
Amount of Network Bandwidth per Student			
Number of Network Days that Usage Exceeded 75% of Capacity			
Number of Advanced Presentation Devices per Teacher			
Number of Devices per IT Staff Member			
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities			

Chickasaw			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?	✓		
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Single department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	1.5%	_	_
IT Spending per Student	$179.27	_	_
Average Age of Devices (weighted)	3	_	_
Number of Devices per Staff Member	.87	_	_
Number of Devices per Student	1.37	+	_
Amount of Network Bandwidth per Student	4.6	+	_
Number of Network Days that Usage Exceeded 75% of Capacity	2	=	_
Number of Advanced Presentation Devices per Teacher	1.03	+	+
Number of Devices per IT Staff Member	1,610	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Choctaw			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?	✓		
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Two separate IT departments		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	2.9%	+	+
IT Spending per Student	$659.99	+	+
Average Age of Devices (weighted)	3	_	_
Number of Devices per Staff Member	1.71	+	+
Number of Devices per Student	2.02	+	+
Amount of Network Bandwidth per Student	.8	_	_
Number of Network Days that Usage Exceeded 75% of Capacity	0	_	_
Number of Advanced Presentation Devices per Teacher	1.37	+	+
Number of Devices per IT Staff Member	1,471.5	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	40%	_	N/A

Cleveland			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?	✓		
Has a technology disaster recovery plan?		x	
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Two separate IT departments		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	1.1%	_	_
IT Spending per Student	$186.10	_	_
Average Age of Devices (weighted)	10	+	+
Number of Devices per Staff Member	2.16	+	+
Number of Devices per Student	1.3	+	_
Amount of Network Bandwidth per Student	.1	_	_
Number of Network Days that Usage Exceeded 75% of Capacity	0	_	_
Number of Advanced Presentation Devices per Teacher	1.34	+	+
Number of Devices per IT Staff Member	1,666.67	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	30%	_	N/A

Corinth			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?	✓		
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Single department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	2.4%	=	_
IT Spending per Student	$283.33	_	_
Average Age of Devices (weighted)	2.5	_	_
Number of Devices per Staff Member	.86	_	_
Number of Devices per Student	1.01	_	_
Amount of Network Bandwidth per Student	4	+	_
Number of Network Days that Usage Exceeded 75% of Capacity	0	_	_
Number of Advanced Presentation Devices per Teacher	.52	_	_
Number of Devices per IT Staff Member	2,791	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	83%	+	N/A

Covington			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?		x	
Has a technology disaster recovery plan?		x	
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Single department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	2.2%	_	_
IT Spending per Student	$234.47	_	_
Average Age of Devices (weighted)	4.3	+	+
Number of Devices per Staff Member	3.2	+	+
Number of Devices per Student	2.04	+	+
Amount of Network Bandwidth per Student	.4	_	_
Number of Network Days that Usage Exceeded 75% of Capacity	0	_	_
Number of Advanced Presentation Devices per Teacher	.88	_	_
Number of Devices per IT Staff Member	1,106	+	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

East Tallahatchie
Benchmark Data Not Reported
Performance Data Not Reported

Forrest County			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?		x	
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Single department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	2.1%	_	_
IT Spending per Student	$371.86	=	+
Average Age of Devices (weighted)	4	+	+
Number of Devices per Staff Member	1.71	+	+
Number of Devices per Student	1.35	+	_
Amount of Network Bandwidth per Student	.9	+	_
Number of Network Days that Usage Exceeded 75% of Capacity	0	_	_
Number of Advanced Presentation Devices per Teacher	1.19	+	+
Number of Devices per IT Staff Member	889	_	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Greene			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?		x	
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Single department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	1.6%	_	_
IT Spending per Student	$223.26	_	_
Average Age of Devices (weighted)	3	_	_
Number of Devices per Staff Member	1.12	_	_
Number of Devices per Student	1.77	+	+
Amount of Network Bandwidth per Student	6.1	+	_
Number of Network Days that Usage Exceeded 75% of Capacity	0	_	_
Number of Advanced Presentation Devices per Teacher	.46	_	_
Number of Devices per IT Staff Member	1,600	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	25%	_	N/A

Hancock			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?		x	
Has a technology disaster recovery plan?		x	
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Other model—the district has a technology department that is responsible for educational technology duties with the assistance of the curriculum department.		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	2.7%	+	+
IT Spending per Student	$270.79	_	_
Average Age of Devices (weighted)	4	+	+
Number of Devices per Staff Member	2.28	+	+
Number of Devices per Student	1.78	+	+
Amount of Network Bandwidth per Student	.5	_	_
Number of Network Days that Usage Exceeded 75% of Capacity	0	_	_
Number of Advanced Presentation Devices per Teacher	.94	+	_
Number of Devices per IT Staff Member	2,119.5	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	80%	+	N/A

Hazlehurst
Benchmark Data Not Reported
Performance Data Not Reported

Holly Springs			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?	✓		
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?	✓		
Tracks daily network usage levels?		x	
Model used for information technology support	Single department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	8.5%	+	+
IT Spending per Student	$953.82	+	+
Average Age of Devices (weighted)	7	+	+
Number of Devices per Staff Member	1.10	_	_
Number of Devices per Student	1.83	+	+
Amount of Network Bandwidth per Student	1	+	_
Number of Network Days that Usage Exceeded 75% of Capacity	Data Not Provided		
Number of Advanced Presentation Devices per Teacher	1	+	+
Number of Devices per IT Staff Member	706.33	_	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	85%	+	N/A

Itawamba			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?		x	
Has a technology disaster recovery plan?		x	
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Single department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	.5%	_	_
IT Spending per Student	$69.68	_	_
Average Age of Devices (weighted)	7	+	+
Number of Devices per Staff Member	1.19	_	_
Number of Devices per Student	1.22	+	_
Amount of Network Bandwidth per Student	.6	_	_
Number of Network Days that Usage Exceeded 75% of Capacity	0	_	_
Number of Advanced Presentation Devices per Teacher	1.38	+	+
Number of Devices per IT Staff Member	2,300	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	95%	+	N/A

Jackson County			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?		x	
Has a technology disaster recovery plan?		x	
Has off-site backups of data?		x	
Tracks daily network usage levels?	✓		
Model used for information technology support	Single department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	1.4%	_	_
IT Spending per Student	$151.27	_	_
Average Age of Devices (weighted)	3.5	=	_
Number of Devices per Staff Member	1.73	+	+
Number of Devices per Student	1.39	+	_
Amount of Network Bandwidth per Student	11.2	+	_
Number of Network Days that Usage Exceeded 75% of Capacity	0	_	_
Number of Advanced Presentation Devices per Teacher	1.33	+	+
Number of Devices per IT Staff Member	973.2	_	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	78%	+	N/A

Kosciusko			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?		x	
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?	✓		
Tracks daily network usage levels?		x	
Model used for information technology support	Two separate IT departments		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	1%	_	_
IT Spending per Student	$162.70	_	_
Average Age of Devices (weighted)	4	+	+
Number of Devices per Staff Member	1.01	_	_
Number of Devices per Student	1.67	+	+
Amount of Network Bandwidth per Student	Data Not Provided		
Number of Network Days that Usage Exceeded 75% of Capacity			
Number of Advanced Presentation Devices per Teacher	.23	_	_
Number of Devices per IT Staff Member	1,273.33	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Lafayette			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?		x	
Has a technology disaster recovery plan?		x	
Has off-site backups of data?		x	
Tracks daily network usage levels?	✓		
Model used for information technology support	Single department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	2.4%	=	_
IT Spending per Student	$334.91	_	+
Average Age of Devices (weighted)	4	+	+
Number of Devices per Staff Member	1.24	+	_
Number of Devices per Student	1.45	+	+
Amount of Network Bandwidth per Student	.7	_	_
Number of Network Days that Usage Exceeded 75% of Capacity	0	_	_
Number of Advanced Presentation Devices per Teacher	.79	_	_
Number of Devices per IT Staff Member	1,516.67	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Lamar			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?		x	
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?		x	
Tracks daily network usage levels?	✓		
Model used for information technology support	Single department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	2.1%	_	_
IT Spending per Student	$256.23	_	_
Average Age of Devices (weighted)	4	+	+
Number of Devices per Staff Member	1.21	=	_
Number of Devices per Student	1.01	_	_
Amount of Network Bandwidth per Student	.5	_	_
Number of Network Days that Usage Exceeded 75% of Capacity	30	+	_
Number of Advanced Presentation Devices per Teacher	.89	_	_
Number of Devices per IT Staff Member	625	_	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	75%	=	N/A

Lawrence			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?		x	
Has a technology disaster recovery plan?		x	
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Two separate IT departments		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	2.6%	+	+
IT Spending per Student	$404.09	+	+
Average Age of Devices (weighted)	4	+	+
Number of Devices per Staff Member	1.68	+	+
Number of Devices per Student	1.52	+	+
Amount of Network Bandwidth per Student	25.3	+	_
Number of Network Days that Usage Exceeded 75% of Capacity	0	_	_
Number of Advanced Presentation Devices per Teacher	.44	_	_
Number of Devices per IT Staff Member	802.25	_	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	22%	_	N/A

Leake			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?	✓		
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Two separate IT departments		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	.5%	_	_
IT Spending per Student	$76.56	_	_
Average Age of Devices (weighted)	2	_	_
Number of Devices per Staff Member	2.31	+	+
Number of Devices per Student	1.38	+	_
Amount of Network Bandwidth per Student	.4	_	_
Number of Network Days that Usage Exceeded 75% of Capacity	0	_	_
Number of Advanced Presentation Devices per Teacher	1.96	+	+
Number of Devices per IT Staff Member	1,071.25	+	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	15%	_	N/A

Lee			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?	✓		
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?		x	
Tracks daily network usage levels?	✓		
Model used for information technology support	Two separate IT departments		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	1.3%	_	_
IT Spending per Student	$171.80	_	_
Average Age of Devices (weighted)	5	+	+
Number of Devices per Staff Member	1.98	+	+
Number of Devices per Student	1.11	_	_
Amount of Network Bandwidth per Student	.8	_	_
Number of Network Days that Usage Exceeded 75% of Capacity	15	+	_
Number of Advanced Presentation Devices per Teacher	.92	=	_
Number of Devices per IT Staff Member	1,800	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	50%	_	N/A

Leland			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?	✓		
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?		x	
Tracks daily network usage levels?	✓		
Model used for information technology support	Single department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	1.4%	_	_
IT Spending per Student	$350.91	_	+
Average Age of Devices (weighted)	5	+	+
Number of Devices per Staff Member	.59	_	_
Number of Devices per Student	1.52	+	+
Amount of Network Bandwidth per Student	.1	_	_
Number of Network Days that Usage Exceeded 75% of Capacity	1	_	_
Number of Advanced Presentation Devices per Teacher	1.13	+	+
Number of Devices per IT Staff Member	588	_	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	50%	_	N/A

Lincoln			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?		x	
Has a technology disaster recovery plan?		x	
Has off-site backups of data?		x	
Tracks daily network usage levels?	✓		
Model used for information technology support	Single Department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	1.8%	_	_
IT Spending per Student	$251.26	_	_
Average Age of Devices (weighted)	2.7	_	_
Number of Devices per Staff Member	1.16	_	_
Number of Devices per Student	1.39	+	_
Amount of Network Bandwidth per Student	.7	_	_
Number of Network Days that Usage Exceeded 75% of Capacity	0	_	_
Number of Advanced Presentation Devices per Teacher	.08	_	_
Number of Devices per IT Staff Member	725	_	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	30%	_	N/A

Long Beach			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?		x	
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Single Department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	4.3%	+	+
IT Spending per Student	$331.56	_	+
Average Age of Devices (weighted)	3.5	=	_
Number of Devices per Staff Member	1.22	+	_
Number of Devices per Student	1.09	_	_
Amount of Network Bandwidth per Student	.7	_	_
Number of Network Days that Usage Exceeded 75% of Capacity	81	+	+
Number of Advanced Presentation Devices per Teacher	.9	_	_
Number of Devices per IT Staff Member	922.5	_	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Lowndes			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?	✓		
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?		x	
Tracks daily network usage levels?	✓		
Model used for information technology support	Single Department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	2.9%	+	+
IT Spending per Student	$561.09	+	+
Average Age of Devices (weighted)	3	_	_
Number of Devices per Staff Member	.5	_	_
Number of Devices per Student	1.05	_	_
Amount of Network Bandwidth per Student	.9	+	_
Number of Network Days that Usage Exceeded 75% of Capacity	3	+	_
Number of Advanced Presentation Devices per Teacher	.74	_	_
Number of Devices per IT Staff Member	842.86	_	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Marion			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?	✓		
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Single Department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	2.3%	_	_
IT Spending per Student	$520.53	+	+
Average Age of Devices (weighted)	5	+	+
Number of Devices per Staff Member	1.57	+	+
Number of Devices per Student	1.39	+	_
Amount of Network Bandwidth per Student	1.1	+	_
Number of Network Days that Usage Exceeded 75% of Capacity	0	_	_
Number of Advanced Presentation Devices per Teacher	1.56	+	+
Number of Devices per IT Staff Member	628	_	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	76%	+	N/A

Marshall			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?		x	
Has a technology disaster recovery plan?		x	
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Single Department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	2.4%	=	_
IT Spending per Student	$362.44	_	+
Average Age of Devices (weighted)	4	+	+
Number of Devices per Staff Member	1.03	_	_
Number of Devices per Student	1.12	_	_
Amount of Network Bandwidth per Student	.4	_	_
Number of Network Days that Usage Exceeded 75% of Capacity	180	+	+
Number of Advanced Presentation Devices per Teacher	.57	_	_
Number of Devices per IT Staff Member	1,178.67	+	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Monroe			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?		×	
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Other Model		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	2.9%	+	+
IT Spending per Student	$204.34	_	_
Average Age of Devices (weighted)	3	_	_
Number of Devices per Staff Member	1	_	_
Number of Devices per Student	1.06	_	_
Amount of Network Bandwidth per Student	.5	_	_
Number of Network Days that Usage Exceeded 75% of Capacity	0	_	_
Number of Advanced Presentation Devices per Teacher	.63	_	_
Number of Devices per IT Staff Member	662.5	_	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Neshoba			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?		x	
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Single Department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	0.9%	_	_
IT Spending per Student	$133.36	_	_
Average Age of Devices (weighted)	3	_	_
Number of Devices per Staff Member	1.21	=	_
Number of Devices per Student	1.13	_	_
Amount of Network Bandwidth per Student	.6	_	_
Number of Network Days that Usage Exceeded 75% of Capacity	0	_	_
Number of Advanced Presentation Devices per Teacher	1.18	+	+
Number of Devices per IT Staff Member	800	_	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

New Albany			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?	✓		
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Single Department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	8.6%	+	+
IT Spending per Student	$465.01	+	+
Average Age of Devices (weighted)	3	_	_
Number of Devices per Staff Member	.61	_	_
Number of Devices per Student	1.01	_	_
Amount of Network Bandwidth per Student	.7	_	_
Number of Network Days that Usage Exceeded 75% of Capacity	110	+	+
Number of Advanced Presentation Devices per Teacher	0	_	_
Number of Devices per IT Staff Member	776.67	_	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Newton Municipal			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?		x	
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Single Department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	Data Not Provided		
IT Spending per Student			
Average Age of Devices (weighted)	3	_	_
Number of Devices per Staff Member	.84	_	_
Number of Devices per Student	Data Not Provided		
Amount of Network Bandwidth per Student			
Number of Network Days that Usage Exceeded 75% of Capacity	0	_	_
Number of Advanced Presentation Devices per Teacher	1.01	+	+
Number of Devices per IT Staff Member	525	_	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

North Pike			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?	✓		
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Single Department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	2.5%	+	_
IT Spending per Student	$424.40	+	+
Average Age of Devices (weighted)	2	_	_
Number of Devices per Staff Member	Data Not Provided		
Number of Devices per Student	1.53	+	+
Amount of Network Bandwidth per Student	.5	_	_
Number of Network Days that Usage Exceeded 75% of Capacity	0	_	_
Number of Advanced Presentation Devices per Teacher	Data Not Provided		
Number of Devices per IT Staff Member	2,000	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	65%	_	N/A

Pearl River			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?	✓		
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Single Department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	4.6%	+	+
IT Spending per Student	$523.68	+	+
Average Age of Devices (weighted)	4.3	+	+
Number of Devices per Staff Member	1.2	_	_
Number of Devices per Student	1.05	_	_
Amount of Network Bandwidth per Student	.6	_	_
Number of Network Days that Usage Exceeded 75% of Capacity	5	+	_
Number of Advanced Presentation Devices per Teacher	.91	_	_
Number of Devices per IT Staff Member	668.33	_	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	97%	+	N/A

Philadelphia			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?	✓		
Has a technology disaster recovery plan?		x	
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Single Department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	5.9%	+	+
IT Spending per Student	$532.74	+	+
Average Age of Devices (weighted)	4	+	+
Number of Devices per Staff Member	2.44	+	+
Number of Devices per Student	1.82	+	+
Amount of Network Bandwidth per Student	.6	_	_
Number of Network Days that Usage Exceeded 75% of Capacity	365	+	+
Number of Advanced Presentation Devices per Teacher	1.08	+	+
Number of Devices per IT Staff Member	633.33	_	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	25%	_	N/A

Picayune			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?		x	
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Single Department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	1%	_	_
IT Spending per Student	$131.61	_	_
Average Age of Devices (weighted)	3	_	_
Number of Devices per Staff Member	.48	_	_
Number of Devices per Student	1.2	+	_
Amount of Network Bandwidth per Student	.3	_	_
Number of Network Days that Usage Exceeded 75% of Capacity	100	+	+
Number of Advanced Presentation Devices per Teacher	1.09	+	+
Number of Devices per IT Staff Member	1,483.33	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Pontotoc City			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?	✓		
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Single Department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	Data Not Provided		
IT Spending per Student			
Average Age of Devices (weighted)	4	+	+
Number of Devices per Staff Member	Data Not Provided		
Number of Devices per Student			
Amount of Network Bandwidth per Student			
Number of Network Days that Usage Exceeded 75% of Capacity	187	+	+
Number of Advanced Presentation Devices per Teacher	Data Not Provided		
Number of Devices per IT Staff Member	1,492	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	60%	_	N/A

Prentiss			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?	✓		
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?	✓		
Tracks daily network usage levels?		x	
Model used for information technology support	Single Department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	11.4%	+	+
IT Spending per Student	$1,604.19	+	+
Average Age of Devices (weighted)	3	_	_
Number of Devices per Staff Member	1.47	+	_
Number of Devices per Student	1.07	_	_
Amount of Network Bandwidth per Student	.9	+	_
Number of Network Days that Usage Exceeded 75% of Capacity	Data Not Provided		
Number of Advanced Presentation Devices per Teacher	.05	_	_
Number of Devices per IT Staff Member	1455	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	85%	+	N/A

Quitman City			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?		x	
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Two Separate IT Departments		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	2.4%	=	_
IT Spending per Student	$409.53	+	+
Average Age of Devices (weighted)	3	_	_
Number of Devices per Staff Member	1.31	+	_
Number of Devices per Student	1.72	+	+
Amount of Network Bandwidth per Student	.6	_	_
Number of Network Days that Usage Exceeded 75% of Capacity	16	+	_
Number of Advanced Presentation Devices per Teacher	.84	_	_
Number of Devices per IT Staff Member	1,020	+	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Quitman County			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?		x	
Has a technology disaster recovery plan?		x	
Has off-site backups of data?	✓		
Tracks daily network usage levels?		x	
Model used for information technology support	Single Department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	2.9%	+	+
IT Spending per Student	$640.13	+	+
Average Age of Devices (weighted)	5	+	+
Number of Devices per Staff Member	.87	_	_
Number of Devices per Student	1.32	+	_
Amount of Network Bandwidth per Student	1.3	+	_
Number of Network Days that Usage Exceeded 75% of Capacity	Data Not Provided		
Number of Advanced Presentation Devices per Teacher	.79	_	_
Number of Devices per IT Staff Member	575	_	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Senatobia			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?	✓		
Has a technology disaster recovery plan?		x	
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Two Separate IT Departments		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	3%	+	+
IT Spending per Student	$445.63	+	+
Average Age of Devices (weighted)	4.5	+	+
Number of Devices per Staff Member	.91	_	_
Number of Devices per Student	1.08	_	_
Amount of Network Bandwidth per Student	6	+	_
Number of Network Days that Usage Exceeded 75% of Capacity	0	_	_
Number of Advanced Presentation Devices per Teacher	.05	_	_
Number of Devices per IT Staff Member	703.33	_	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Smith			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?	✓		
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Single Department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	1.2%	_	_
IT Spending per Student	$144.23	_	_
Average Age of Devices (weighted)	5	+	+
Number of Devices per Staff Member	.29	_	_
Number of Devices per Student	1.15	+	-
Amount of Network Bandwidth per Student	.4	_	_
Number of Network Days that Usage Exceeded 75% of Capacity	6	+	_
Number of Advanced Presentation Devices per Teacher	.29	_	_
Number of Devices per IT Staff Member	1,450	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	35%	_	N/A

South Panola			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?	✓		
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?	✓		
Tracks daily network usage levels?	✓		
Model used for information technology support	Two Separate IT Departments		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	2.3%	_	_
IT Spending per Student	$301.57	_	_
Average Age of Devices (weighted)	4	+	+
Number of Devices per Staff Member	1.38	+	_
Number of Devices per Student	1.21	+	_
Amount of Network Bandwidth per Student	.7	_	_
Number of Network Days that Usage Exceeded 75% of Capacity	0	_	_
Number of Advanced Presentation Devices per Teacher	.94	+	_
Number of Devices per IT Staff Member	775	_	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

South Tippah			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?		x	
Has a technology disaster recovery plan?		x	
Has off-site backups of data?	✓		
Tracks daily network usage levels?		x	
Model used for information technology support	Other Model		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	3.9%	+	+
IT Spending per Student	$515.20	+	+
Average Age of Devices (weighted)	2	_	_
Number of Devices per Staff Member	0.87	_	_
Number of Devices per Student	1.06	_	_
Amount of Network Bandwidth per Student	.8	_	_
Number of Network Days that Usage Exceeded 75% of Capacity	Data Not Provided		
Number of Advanced Presentation Devices per Teacher	0.57	_	_
Number of Devices per IT Staff Member	1,059	+	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Stone			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?		×	
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?	✓		
Tracks daily network usage levels?		×	
Model used for information technology support	Other Model		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	1.4%	_	_
IT Spending per Student	$208.75	_	_
Average Age of Devices (weighted)	3.2	_	_
Number of Devices per Staff Member	1.15	_	_
Number of Devices per Student	1.5	+	+
Amount of Network Bandwidth per Student	0.4	_	_
Number of Network Days that Usage Exceeded 75% of Capacity	Data Not Provided		
Number of Advanced Presentation Devices per Teacher	0.85	_	_
Number of Devices per IT Staff Member	826.4	_	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Tishomingo			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?	✓		
Has a technology disaster recovery plan?		x	
Has off-site backups of data?	✓		
Tracks daily network usage levels?		x	
Model used for information technology support	Single Department		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	.9%	_	_
IT Spending per Student	$137.88	_	_
Average Age of Devices (weighted)	2	_	_
Number of Devices per Staff Member	2.26	+	+
Number of Devices per Student	1.13	_	_
Amount of Network Bandwidth per Student	1.1	+	_
Number of Network Days that Usage Exceeded 75% of Capacity	Data Not Provided		
Number of Advanced Presentation Devices per Teacher	.02	_	_
Number of Devices per IT Staff Member	1,054.5	+	_
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Vicksburg-Warren			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?	✓		
Has a technology disaster recovery plan?	✓		
Has off-site backups of data?	✓		
Tracks daily network usage levels?			Not enough information to determine
Model used for information technology support	Two Separate IT Departments		

Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	4.1%	+	+
IT Spending per Student	$741.65	+	+
Average Age of Devices (weighted)	Data Not Provided		
Number of Devices per Staff Member			
Number of Devices per Student			
Amount of Network Bandwidth per Student			
Number of Network Days that Usage Exceeded 75% of Capacity			
Number of Advanced Presentation Devices per Teacher			
Number of Devices per IT Staff Member			
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities			

Winona-Montgomery			
Benchmark Data Not Reported			
Performance Data Reported			
Performance Indicator	FY 2023	Below (_), Above (+), or Equal to (=) State Peer Median	Below (_), Above (+), or Equal to (=) Regional Peer Average
IT Spending as a Percent of District Budget	3.6%	+	+
IT Spending per Student	$569.28	+	+
Average Age of Devices (weighted)	Data Not Provided		
Number of Devices per Staff Member			
Number of Devices per Student			
Amount of Network Bandwidth per Student			
Number of Network Days that Usage Exceeded 75% of Capacity			
Number of Advanced Presentation Devices per Teacher			
Number of Devices per IT Staff Member			
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities			

James F. (Ted) Booth, Executive Director

Reapportionment
Ben Collins

Administration
Kirby Arinder
Stephanie Harris
Gale Taylor

Quality Assurance and Reporting
Tracy Bobo
Hannah Jane Costilow

Performance Evaluation
Lonnie Edgar, Deputy Director
Jennifer Sebren, Deputy Director
Drew Allen
Taylor Burns
Emily Cloys
Kim Cummins
Matthew Dry
Rucell Harris
Matthew Holmes
Drew Johnson
Chelsey Little
Billy Loper
Debra Monroe-Lax
Meri Clare Ringer
Sarah Williamson
Julie Winkeljohn
Ray Wright