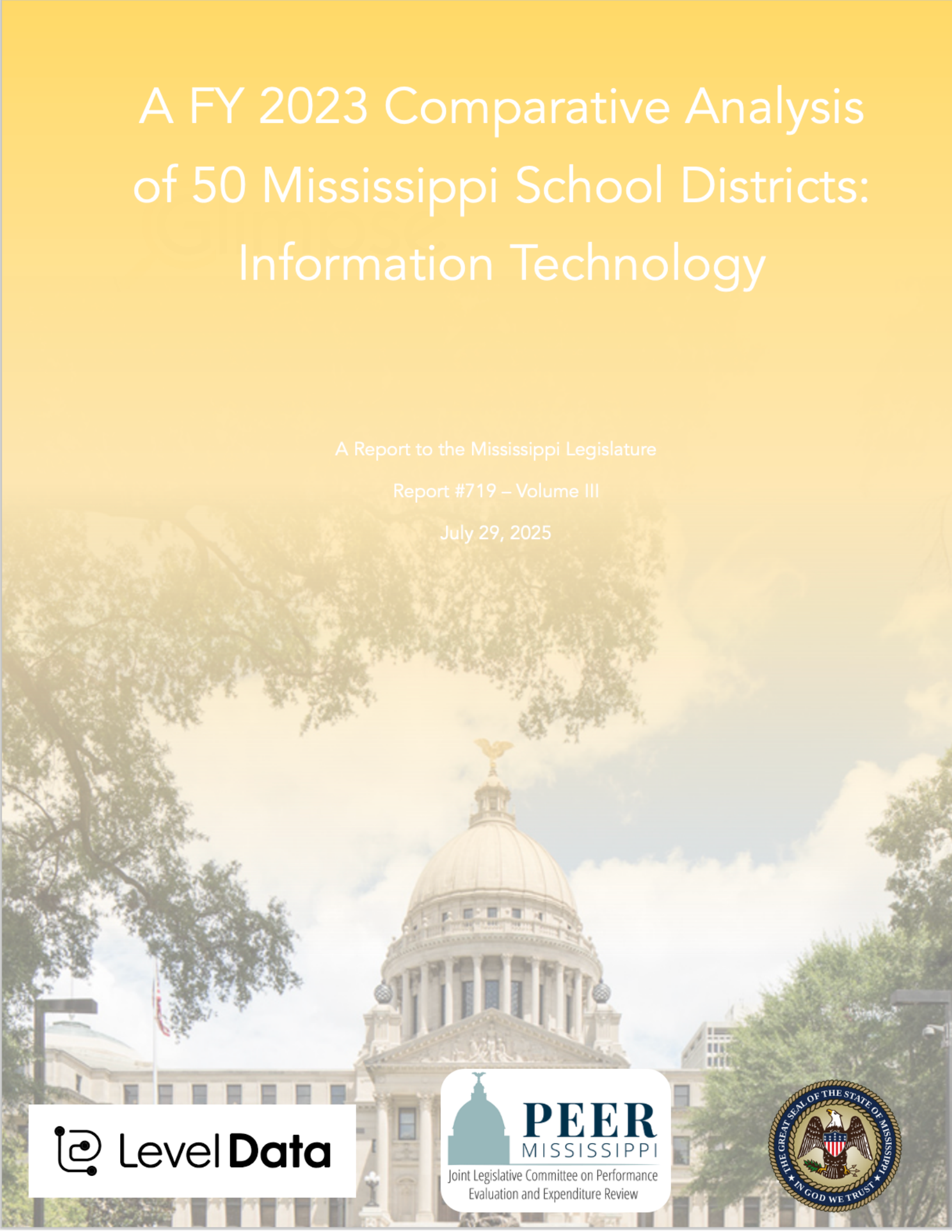
A FY 2023 Comparative Analysis of 50 Mississippi School Districts: Information Technology

A Report to the Mississippi Legislature

Report #719 – Volume III

July 29, 2025



LevelData

PEER MISSISSIPPI
Joint Legislative Committee on Performance Evaluation and Expenditure Review

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Mississippi's constitution gives the Legislature broad power to conduct examinations and investigations. PEER is authorized by law to review any public entity, including contractors supported in whole or in part by public funds, and to address any issues that may require legislative action. PEER has statutory access to all state and local records and has subpoena power to compel testimony or the production of documents.

PEER provides a variety of services to the Legislature, including program evaluations, economy and efficiency reviews, financial audits, limited scope evaluations, fiscal notes, and other governmental research and assistance. The Committee identifies inefficiency or ineffectiveness or a failure to accomplish legislative objectives, and makes recommendations for redefinition, redirection, redistribution and/or restructuring of Mississippi government. As directed by and subject to the prior approval of the PEER Committee, the Committee's professional staff executes audit and evaluation projects obtaining information and developing options for consideration by the Committee. The PEER Committee releases reports to the Legislature, Governor, Lieutenant Governor, the agency examined, and the general public.

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

July 29, 2025

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

On July 29, 2025, the PEER Committee authorized release of the report titled ***A FY 2023 Comparative Analysis of 50 Mississippi School Districts: Information Technology (Volume III).***

Kevin W. Felsher

Representative Kevin Felsher, 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

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

Report Highlights

July 29, 2025

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. Fourteen districts reviewed keep data backups onsite only, which puts IT functions at risk. Six districts reported that 50% or less of their students' households have access to the internet. The vast majority of districts reported network bandwidth per student below that of regional and national peers. There have been state and federal efforts to increase access to quality internet, but implementation of those efforts will take time.

BACKGROUND

In FY 2025, PEER received funding to contract with Glimpse K12 (now Level Data) to conduct a comparative review of 50 school districts. This report focuses on one of six non-instructional 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 49 reporting districts, 20 (41%) had a documented technology plan and 25 districts (51%) had a technology disaster recovery plan.**
  Such plans are critical for managing technology and disaster recovery.

- **Fourteen districts (29%) 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.

- **Twelve districts (24%) 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 32 districts that surveyed student households for FY 2023, six (19%) 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.

- **Of 49 reporting districts, 47 (96%) reported network bandwidth per student below that of regional and national peers.**
  Such a condition could have negative impacts on students' education.

- **Of 37 reporting districts, 21 (57%) reported at least two days 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 49 reporting districts, 36 (74%) use a single department for traditional IT support and educational technology support functions. Eleven districts (22%) use two separate IT departments, and two 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 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 allocates these 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 0.96 for the districts reviewed, while the regional peer average was 20.5 and the lower range for national peers was 248.4. These numbers clearly demonstrate the need for improved bandwidth in the districts.
- Two districts—Jefferson Davis and North Bolivar—reported network bandwidth per student higher than the regional peer average, while all other districts were lower.
- Twelve reporting districts (24%) did not track network usage levels in FY 2023. Of the districts that did track network usage levels, 16 reported one day or less when they experienced network capacity issues. Six districts reported exceeding 75% capacity for 90 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 internet 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 381 to 3,383. Seven 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).

IT Spending Per Student

For reporting districts, the $369 median IT spending per student is above the regional peer average of $350 per student, indicating that overall, districts in this cohort spend more per student for IT than regional peers.

SUMMARY OF RECOMMENDATIONS FOR DISTRICTS

1. In FY 2026, 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.

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For more information, contact: (601) 359-1226 | P.O. Box 1204, Jackson, MS 39215-1204
Representative Kevin Felsher, Chair | James F. (Ted) Booth, Executive Director

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Restrictions

This review is a continuation of previous studies conducted by Glimpse K12 (now Level Data[1]) of Mississippi school districts' operational programs and expenses. (See additional information on these previous studies in the Introduction on page 2.) For this review, Level Data selected 50 additional Mississippi school districts of varying sizes (based on student enrollments), geographic regions, and accountability ratings. Appendix A on page 34 lists the districts included in this review.

Level Data provided this report to the PEER Committee based on data and extrapolated information provided by the school districts for school year 2022-2023 (i.e., FY 2023). Level Data 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, Level Data 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. Level Data 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 Level Data. 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 Level Data.

[1] In Fiscal Year 2024, Level Data acquired Glimpse K12, which is referenced in previous PEER reports.

Introduction

School district administrators are responsible for spending millions of dollars annually on instructional and operational expenses. While operational expenses could be viewed as a secondary concern to instructional expenses, operational costs could escalate, possibly unnecessarily, without proper oversight and monitoring.

As noted previously, this report is one of a series of reports that provide decisionmakers with comparative data regarding selected Mississippi school districts' key operational programs and associated costs (i.e., human resources [HR], transportation, operations, nutrition, information technology, and finance). Mississippi has a total of 138[2] school districts. To date, Level Data has collected and analyzed the following data sets from Mississippi's districts:

Number of School Districts	Period of Data Collected	Name of Data Set for PEER Purposes	Reporting of Analysis Results*
30 districts	FY 2022	Cohort 1	Published in PEER Reports #690a through #690f.
	FY 2023	Cohort 2	Not published in separate PEER reports. However, selected Cohort 2 data was combined with selected Cohort 3 data in PEER Reports #703i through #703vi.
50 districts	FY 2023	Cohort 3	Published in PEER Reports #703i through #703vi.**
50 districts	FY 2023	Cohort 4	Published in this report.***
8 districts	FY 2023 (projected)	Cohort 5 (projected)	Projected to be published in PEER reports in 2026.

*Appendix A in each respective report lists the districts that were included in the analysis for that report.

**In order to represent a more complete data set and provide a better sense of the true state median, Level Data combined selected FY 2023 data from Cohorts 2 and 3 to calculate medians and performance quartiles for the exhibits in these reports.

***In order to represent a more complete data set and provide a better sense of the true state median, Level Data combined selected FY 2023 data from Cohorts 2, 3, and 4 to calculate medians and performance quartiles for the exhibits in these reports.

After the final review of the remaining districts in FY 2026, Level Data will have collected FY 2023 data for all 138 traditional public school districts in Mississippi. By collecting data from a single fiscal year for all school districts, Level Data will be able to calculate medians and performance quartiles for the entire state on each performance measure. As a result, district administrators will have the comparative data for their districts to identify which operational areas potentially need improvement and which areas demonstrate effectiveness and/or efficiency.

[2] This number does not include Mississippi's public charter school districts.

For the analysis for this report, Level Data selected 50[3] of Mississippi's districts with a range of characteristics, including geographic location, enrollment, and grades based on the statewide accountability system to provide data on their operational functions and then analyzed data regarding their information technology programs and expenses. The districts selected for review in this analysis were not included in previous PEER reports on information technology programs and expenses (PEER Reports #690c and #703iii).

This report presents FY 2023 data reported by school districts regarding benchmarks (e.g., tracking daily network usage) and performance indicators (e.g., number of devices per student). The report also provides some regional and national averages as a basis for comparison. Appendix B on page 36 provides enrollment, staff, and other data for all 50 districts selected for this review. Appendix C on page 39 provides FY 2023 information technology benchmark data and performance indicators for the districts that reported information.

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

[3] Appendix A on page 34 lists the districts selected for this review. Although 50 districts were selected, only 49 districts provided the requested information (i.e., benchmark data and performance data), either in part or in full. Aberdeen did not provide information for this review.

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.

Forty-nine of the 50 districts reviewed provided the above-listed benchmark information.[4]

Districts' Models for Information Technology Support

In 36 (74%) 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 49 districts reporting benchmark information within the current cohort:

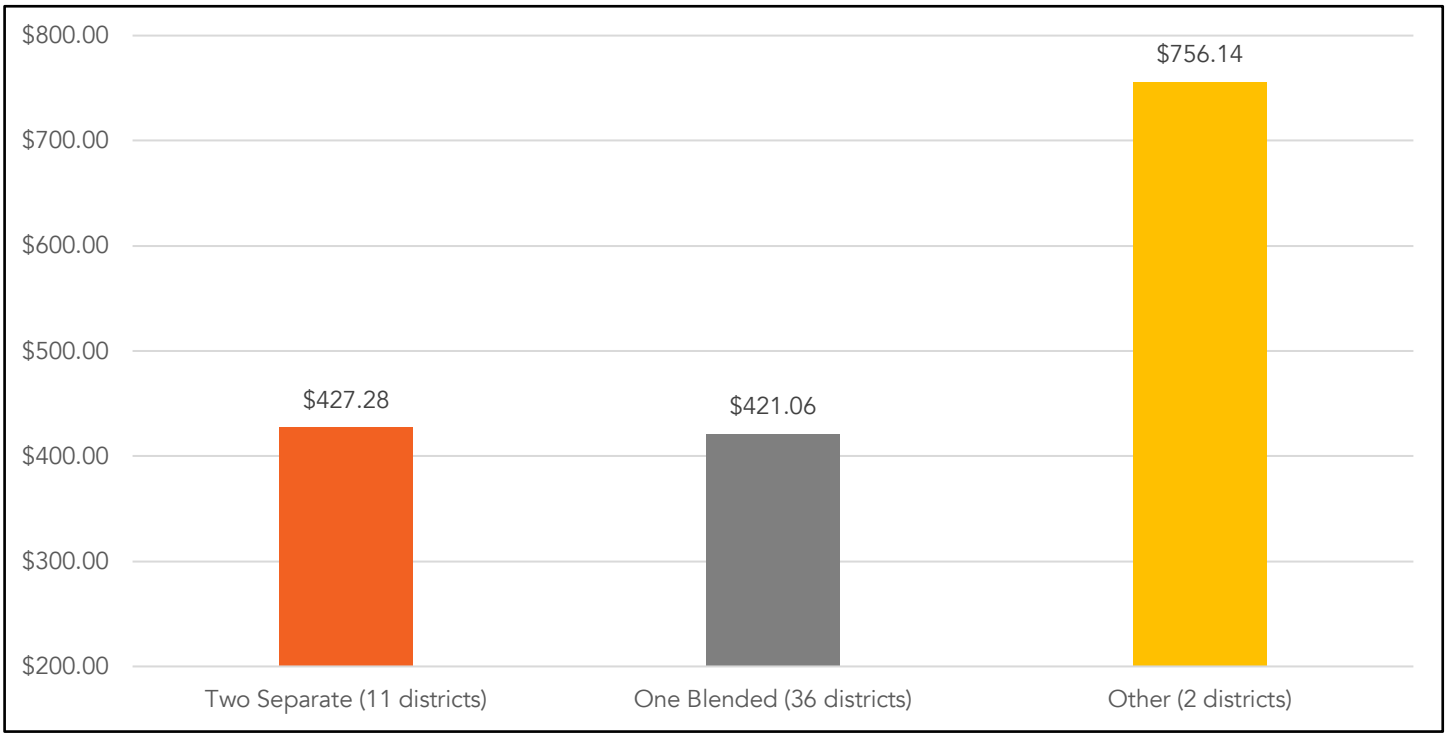
- 36 (74%) had a single department that was responsible for traditional information technology support functions and educational technology support services;
- 11 (22%) had two separate IT departments, one serving as a traditional IT department and one providing educational technology support; and,
- two (4%) utilized another type of structure. In one district, the technology department was responsible for traditional technology functions and shared a trainer with the curriculum department and in the other district the technology department worked closely with the curriculum department for education technology needs and functions.

[4] The IT department in the Aberdeen school district did not provide any benchmark data for this report.

For those districts reporting benchmark information for FY 2023, IT expenditures by support model ranged from an average of $421 per student in the single-department model to $427 per student in the two-department model. The two districts utilizing an alternative IT structure had average per-student expenditures of $756.

In the 36 districts that had a single IT department responsible for traditional information technology support functions and educational technology support services, IT expenditures per student averaged $421.06, which was near the IT expenditures per student of $427.28 for the 11 districts that used two IT departments (i.e., both a traditional IT department and an educational technology support department). Average technology spending in the two districts using another type of IT support structure, such as the curriculum department being responsible for educational IT support, was approximately 80% higher, at $756.14 per student. Exhibit 1 on page 5 shows average spending per student by type of district IT support model.

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



Note: Districts with "other" district support models reported the following: In one district, the technology department was responsible for traditional technology functions and shared a trainer with the curriculum department. In the other district, the technology department worked closely with the curriculum department for education technology needs and functions.

Districts' Planning for Information Technology

Of the 49 districts reporting benchmark information for FY 2023, 20 (41%) 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 of the 49 districts reporting (41%) 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 49 districts reporting benchmark information for FY 2023, 25 (51%) 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.

A disaster recovery plan for IT functions is especially critical in maintaining a district's IT function in the event of a disaster. 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. Twenty-five of the 49 districts reporting (51%) reported having 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 49 districts reporting benchmark information for FY 2023, 14 (29%) 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%[5] increase in ransomware[6] 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 49 districts reporting benchmark information for FY 2023 stated the following regarding their data backups:

- 14 districts keep their data backups on-site only (Amite, Amory, East Jasper, Franklin, Greenwood Leflore, Gulfport, Pascagoula-Gautier, Petal, Pontotoc County, Richton, Scott, Tunica County, Tupelo, and West Jasper);
- seven districts use cloud-based backups;
- 22 districts use a combination of on-site and cloud-based backups; and,
- six 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 49 districts reporting benchmark information for FY 2023, 12 (24%) 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 12 districts do not track such usage. The districts that do not track daily network usage include Claiborne, Clarksdale, Columbia, East Jasper, Franklin, Jefferson, Jefferson Davis, Jones, Pascagoula-Gautier, Pearl, Tupelo, and West Jasper.

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

[6] *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.

Forty-nine of the 50 districts reviewed provided the above-listed performance data for FY 2023.[7] Exhibits 2 through 11, pages 9 through 27, present this data by district.

For IT spending as a percentage of district budget and IT spending per student, districts were asked to provide expenditures for the following IT-related functions:

- staffing costs;
- hardware, systems, and service costs;
- business systems costs;
- instructional systems costs; and,
- capital investments.

Of the 47 districts that provided IT expenditure information,[8] 20 districts reported information for all categories, while 27 districts did not provide information in at least one category. Except for capital investments, these costs are annually recurring costs that should be recorded for the IT function. If these costs are being recorded in non-IT areas, the true cost of a district's IT function is not being captured. Also, while it is important to consider capital investments for expenditure-related key performance indicators, capital investments can fluctuate year-to-year and impact these metrics. Therefore, all key performance indicators should be considered when evaluating a district's IT function and rather than relying on a single metric.

[7] The IT department at Aberdeen did not provide performance data for this report.
[8] The IT departments at South Pike and Webster did not report IT expenditure data for this report.

IT Spending as a Percentage of District Budget

For the districts reporting performance data for FY 2023, the 2.3% median percentage of a district's budget spent on IT services was approximately equal to the 2.53% regional peer average and at the midpoint of the national peer range of 1.4% to 3.2%, indicating that IT spending for districts in this cohort compares favorably with that of regional and national peers.

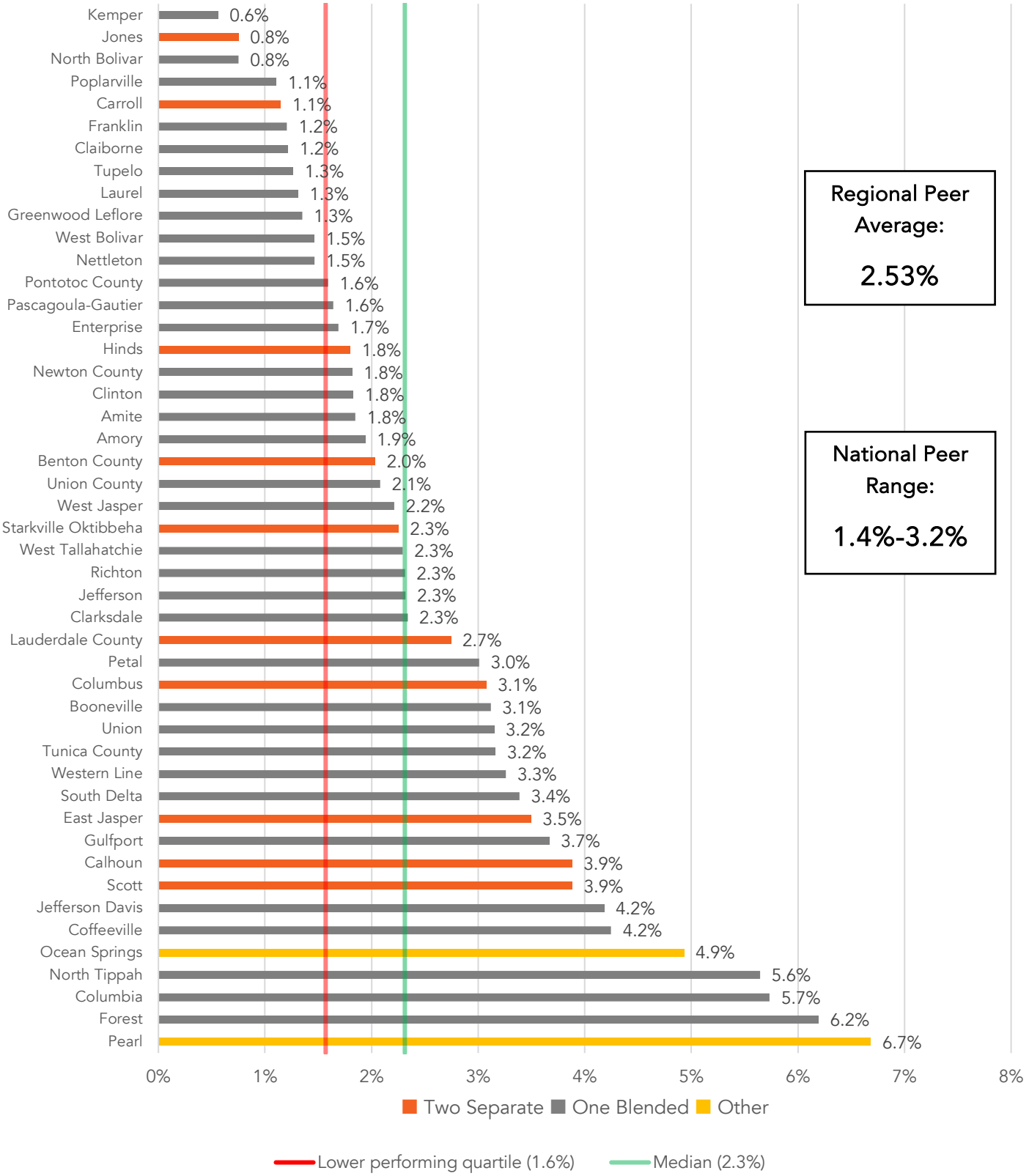
This metric is the percentage of IT spending in relation to a district's total operating budget and can vary based on many factors such as available resources, the number of devices, device age, bandwidth, network usage capacity, number of teachers with advanced presentation devices, and technology staffing 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 on page 9, 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 FY 2023 ranged from 0.8% in Jones to 3.9% in Scott and Calhoun. 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 0.6% in Kemper to 6.2% in Forest.

Additionally, spending as a percentage of district budget can be affected by school districts investing in new technology. For example, Pearl reported the highest percentage at 6.7%; however, the district was in the process of a multi-year technology overhaul during the time of the data request.

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 the median in this exhibit represent the above reporting districts as well as an additional 80 Mississippi districts that were part of separate reviews over the same period. (See Introduction on page 2.)

Note: Aberdeen, South Pike, and Webster did not provide data.

IT Spending per Student

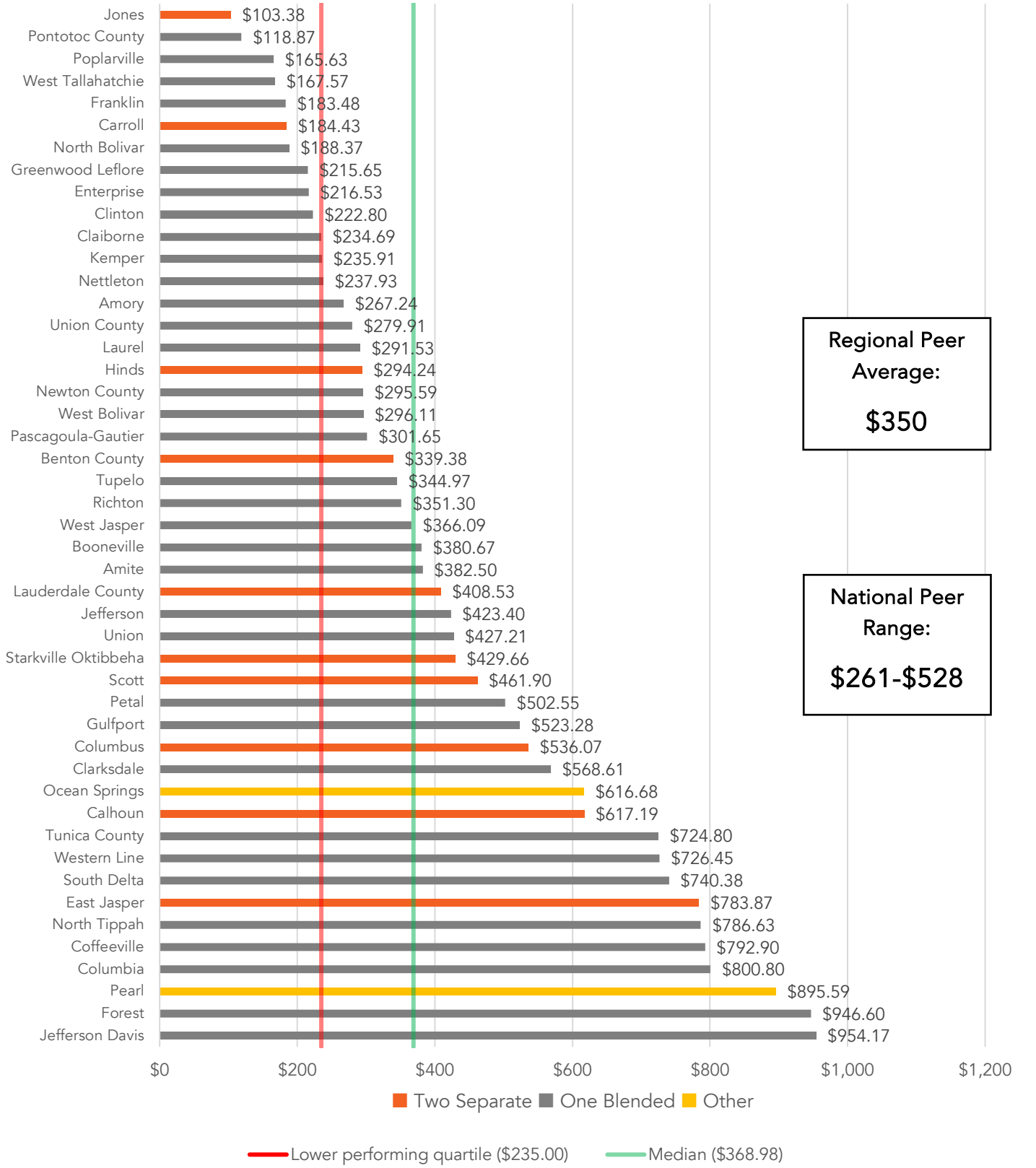
For districts reporting FY 2023 performance data, the $368.98 median IT spending per student is above the regional peer average of $350 per student, indicating that overall, districts in this cohort spend more per student for IT than regional peers. Compared to national peers, this cohort's median is approximately at the midpoint of the national peer range of $261 to $528, 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 on page 11, IT expenditures per student in districts with separate departments of traditional IT support and educational technology support ranged from $103.38 in Jones to $783.87 in East Jasper. In districts with one department for both traditional IT support and educational technology support, expenditures per student ranged from $118.87 in Pontotoc County to $954.17 per student in Jefferson Davis, which did not report any IT capital investment expenditures. The second highest IT spending per student was $946.60 in Forest. In the two districts that provided IT support through another administrative structure, such as the technology being responsible for traditional technology functions and sharing a trainer with the curriculum department, IT expenditures per student ranged from $616.68 per student in Ocean Springs to $895.59 per student in Pearl.

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 the median in this exhibit represent the above reporting districts as well as an additional 80 Mississippi districts that were part of separate reviews over the same period. (See Introduction on page 2.)

Note: Aberdeen, South Pike, and Webster did not provide data.

Weighted Average Age of Devices

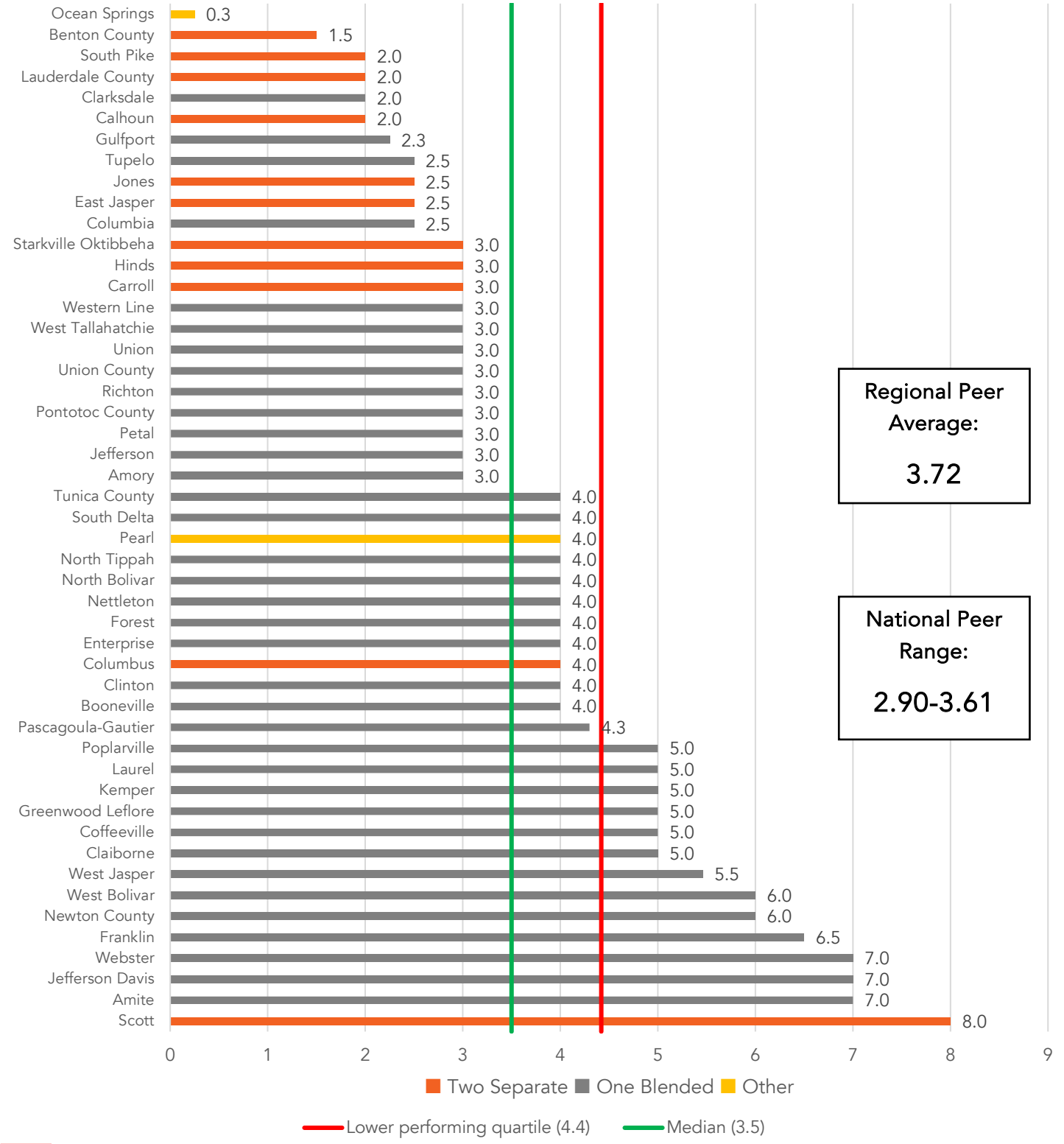
For FY 2023, the median average age of devices of 3.5 years was slightly less than the regional peer average of 3.72 years, indicating that districts' efforts to maintain up-to-date devices compare favorably to efforts of regional peers. However, the cohort's median of 3.5 years is on the upper end of the national peer range of 2.90 to 3.61 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 on page 13, the average age of devices ranged from approximately 1.5 years in Benton County to eight years in Scott for those school districts operating under either one blended IT department or two separate departments. The lowest average age of devices was reported at 0.3 years in Ocean Springs. The average age is a weighted average whereby a device that is one year old has a weight of one, two years old has a weight of two, 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, as shown in Appendix B on page 36, Ocean Springs, which reported the lowest average age of devices, reported 6,612 student devices and student enrollment of 5,883, indicating that the district removes older student devices from inventory. Scott, which had the oldest average age of devices, reported 8,887 student devices and a student enrollment of 3,988 students, indicating the district may have the potential to remove older devices from inventory and improve its accounting of non-obsolete devices available for student usage. By accounting for and removing obsolete devices, the district's average age of devices could decrease, which would be a more favorable metric.

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



The lower performing quartile and the median in this exhibit represent the above reporting districts as well as an additional 80 Mississippi districts that were part of separate reviews over the same period. (See Introduction on page 2.)

Note: The average age is a weighted average whereby a device that is one year old has a weight of one, two years old has a weight of two, and so forth up to devices that are five years old.

Note: Aberdeen did not provide data.

Number of Devices per Staff Member

For FY 2023, the median of 1.21 devices per staff member reported by districts is below the regional peer average of 1.46 and on the lower end of the national peer range of 1.13 to 1.91, indicating that overall, districts offer staff members fewer devices than regional peers and most national peers.

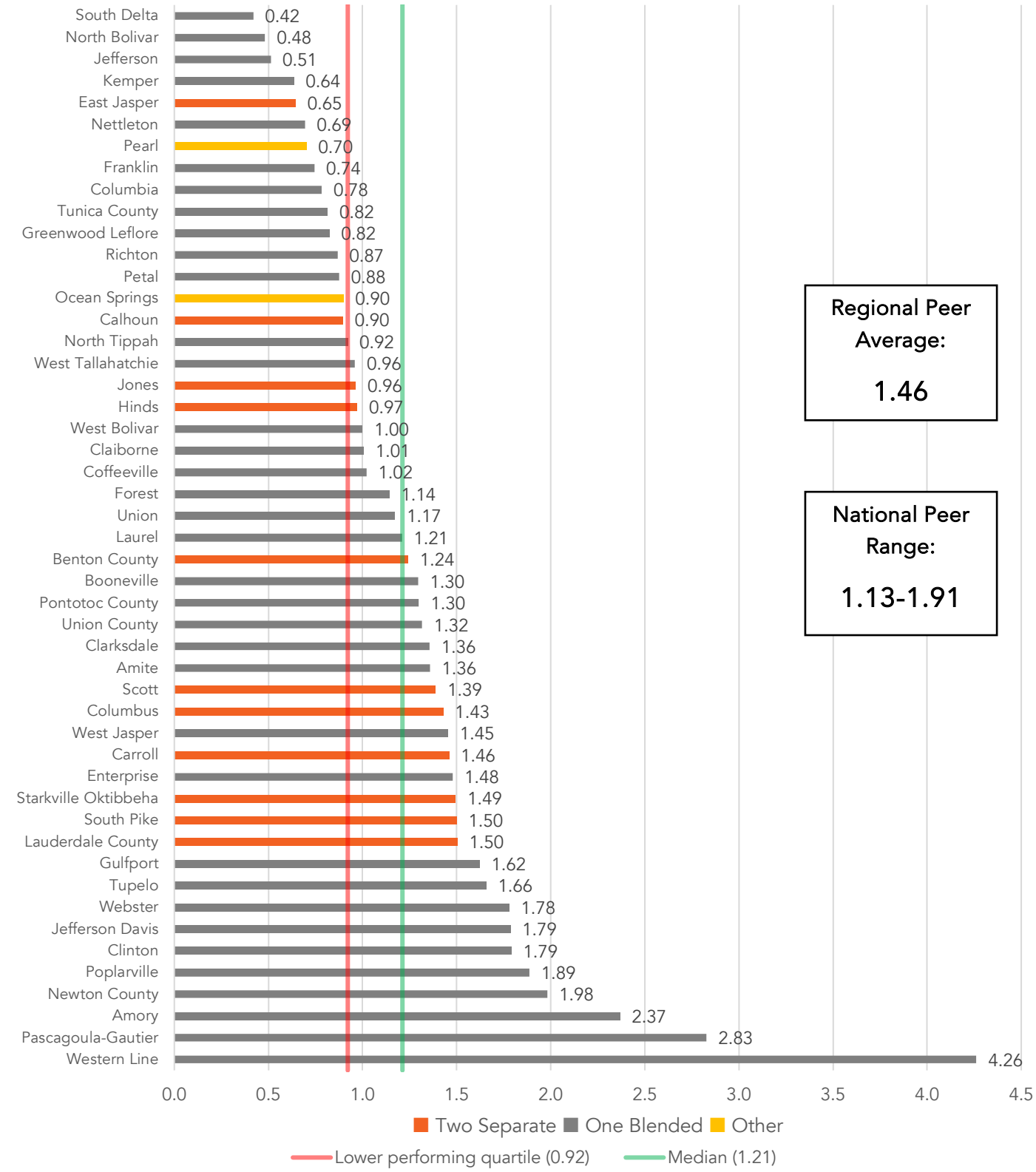
The number of devices per staff member measure establishes the number of computers used by employees. Knowing the number of computers used by employees is important for effective resource allocation, robust security measures, adherence to software licensing compliance, efficient IT support provision,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

As shown in Exhibit 5 on page 15, for districts reporting performance data for FY 2023, the number of devices per staff member ranged from 0.42 in South Delta[9] to 4.26 in Western Line. 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 North Bolivar district, which reported one of the lowest number of devices per staff member, appears to have submitted an estimate, rather than an exact number, reporting 80 staff devices for 166 district staff members. Western Line, which had the highest number of devices per staff member, reported 1,206 devices for the district's 283 staff members, indicating that the district could have obsolete devices in its inventory. An accurate inventory of staff devices would be beneficial to district officials in assessing the district's IT needs and requirements for staff.

[9] According to South Delta school district staff, a tornado struck the South Delta district in 2023, which most likely affected the district's inventory of IT devices.

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



The lower performing quartile and the median in this exhibit represent the above reporting districts as well as an additional 80 Mississippi districts that were part of separate reviews over the same period. (See Introduction on page 2.)

Note: South Delta district staff stated a tornado struck the district in 2023, which likely affected the district's inventory of IT devices.

Note: Aberdeen did not provide data.

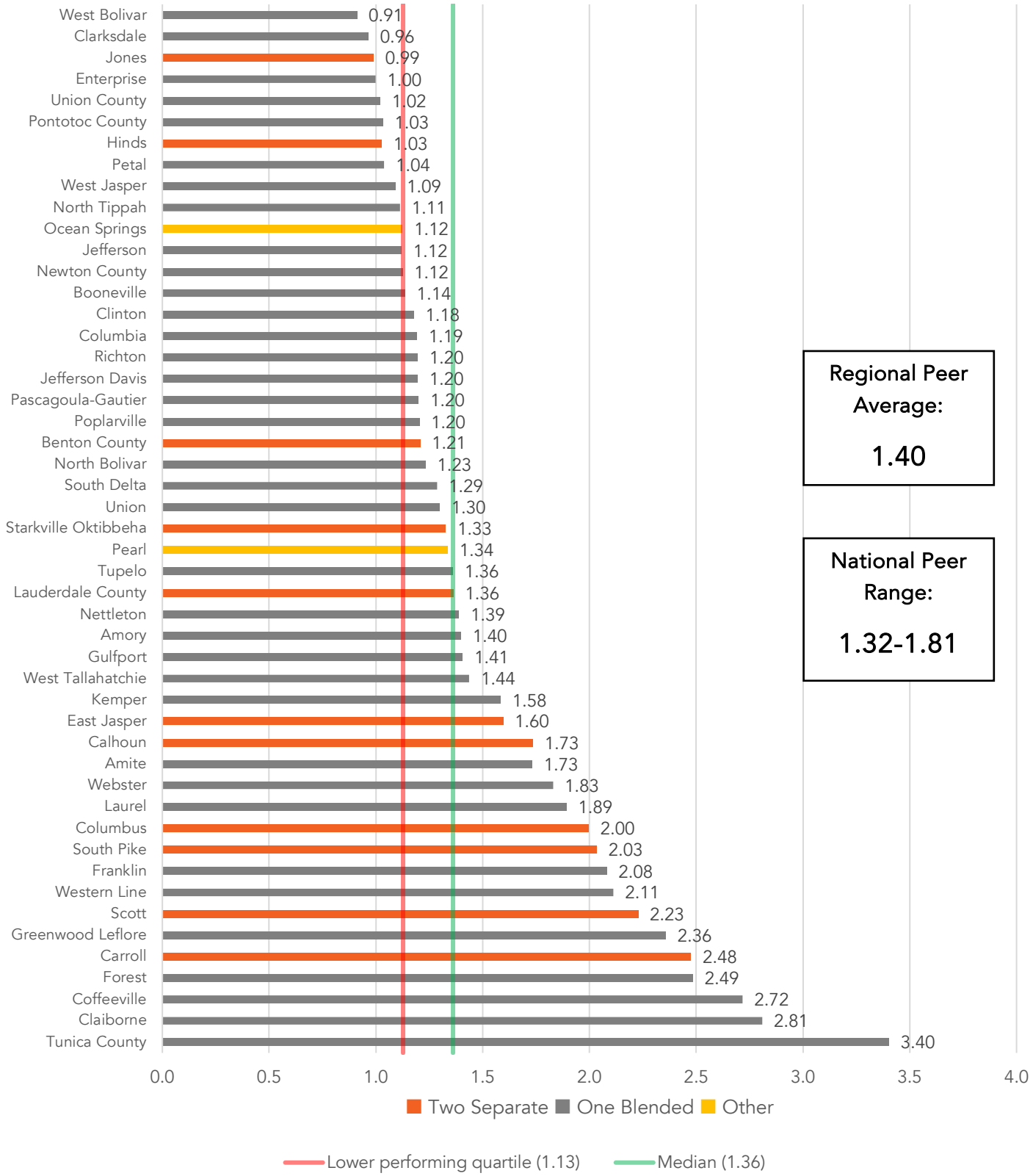
Number of Devices per Student

For FY 2023, the median number of 1.36 devices per student reported by districts is below the regional peer average of 1.40 and below the lower end of the national peer range of 1.32 to 1.81, indicating that overall, districts offer students fewer devices than do 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 on page 17, for districts reporting performance data for FY 2023, the number of devices per student ranged from 0.91 in West Bolivar to 3.4 in Tunica County. 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 number of devices 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 the median in this exhibit represent the above reporting districts as well as an additional 80 Mississippi districts that were part of separate reviews over the same period. (See Introduction on page 2.)

Note: Aberdeen did not provide data.

Amount of Network Bandwidth per Student

For districts reporting performance data for FY 2023, the median 0.96 megabits per second (Mbit/s) network bandwidth per student is approximately 5% of the regional peer average of 20.52 Mbit/s and less than 1% of the lower end of the national peer range of 248.4 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.

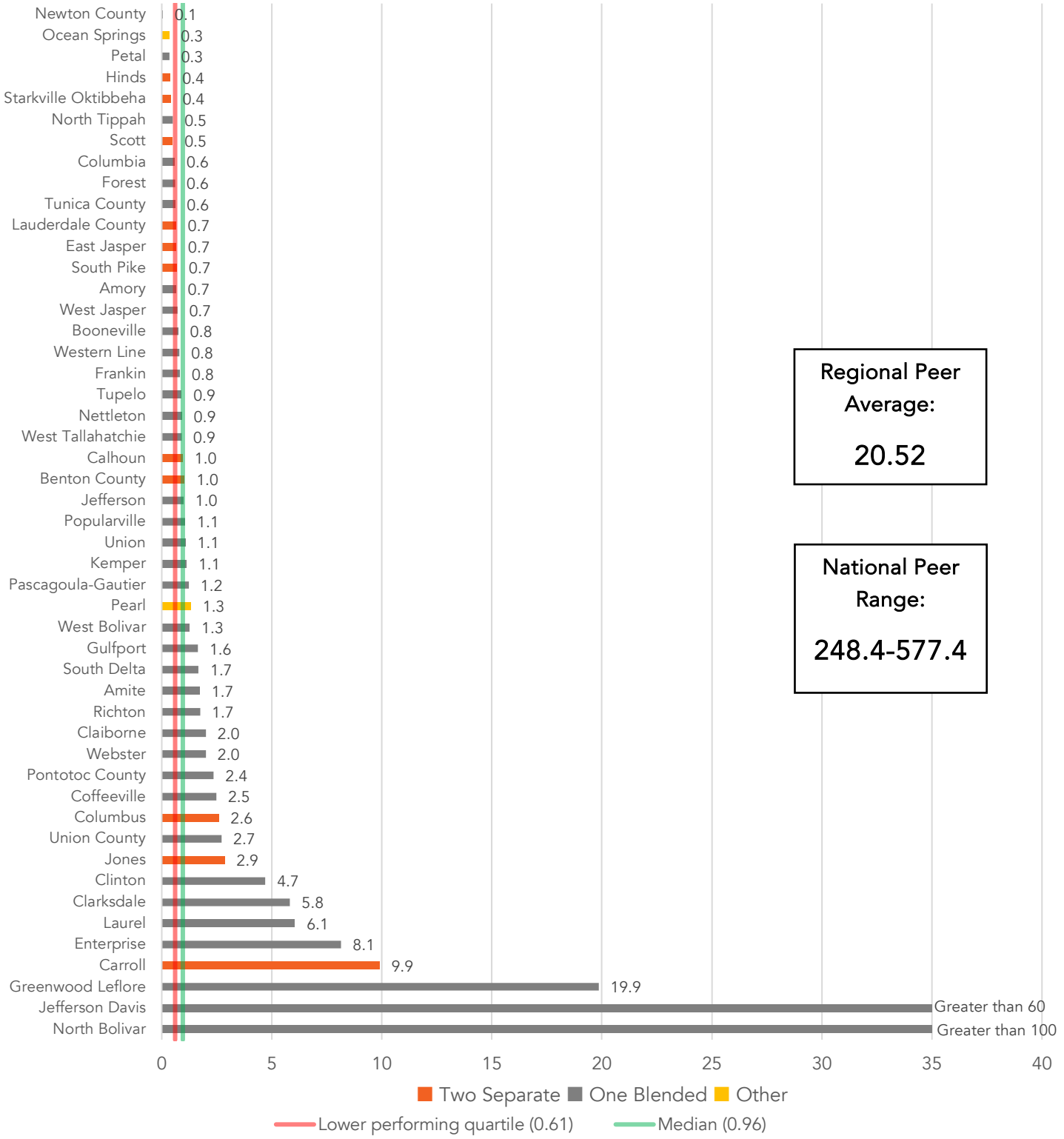
As shown in Exhibit 7 on page 19, network bandwidth per student ranged from 0.1 Mbit/s in Newton County to 102.7 Mbit/s in North Bolivar. One other district—Jefferson Davis with 65.1 Mbit/s—reported network bandwidth per student higher than the regional peer average of 20.52 Mbit/s.

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 the Newton County district 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 four minutes to download a high-quality digital picture of three megabytes. In the North Bolivar district, the network bandwidth equals 102.7 million bits per second per student and if all students were using the network, it would take a student less than a second to download a high-quality digital picture of three megabytes.[10] [11]

[10] 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.

[11] 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 the median in this exhibit represent the above reporting districts as well as an additional 80 Mississippi districts that were part of separate reviews over the same period. (See Introduction on page 2.)

Note: Network bandwidth per student is presented in megabits per second, which represents one million bits per second. A district reporting 1.0 can transmit one million bits per second per student.

Note: Aberdeen did not provide data.

Number of Network Days that Usage Exceeded 75% of Capacity

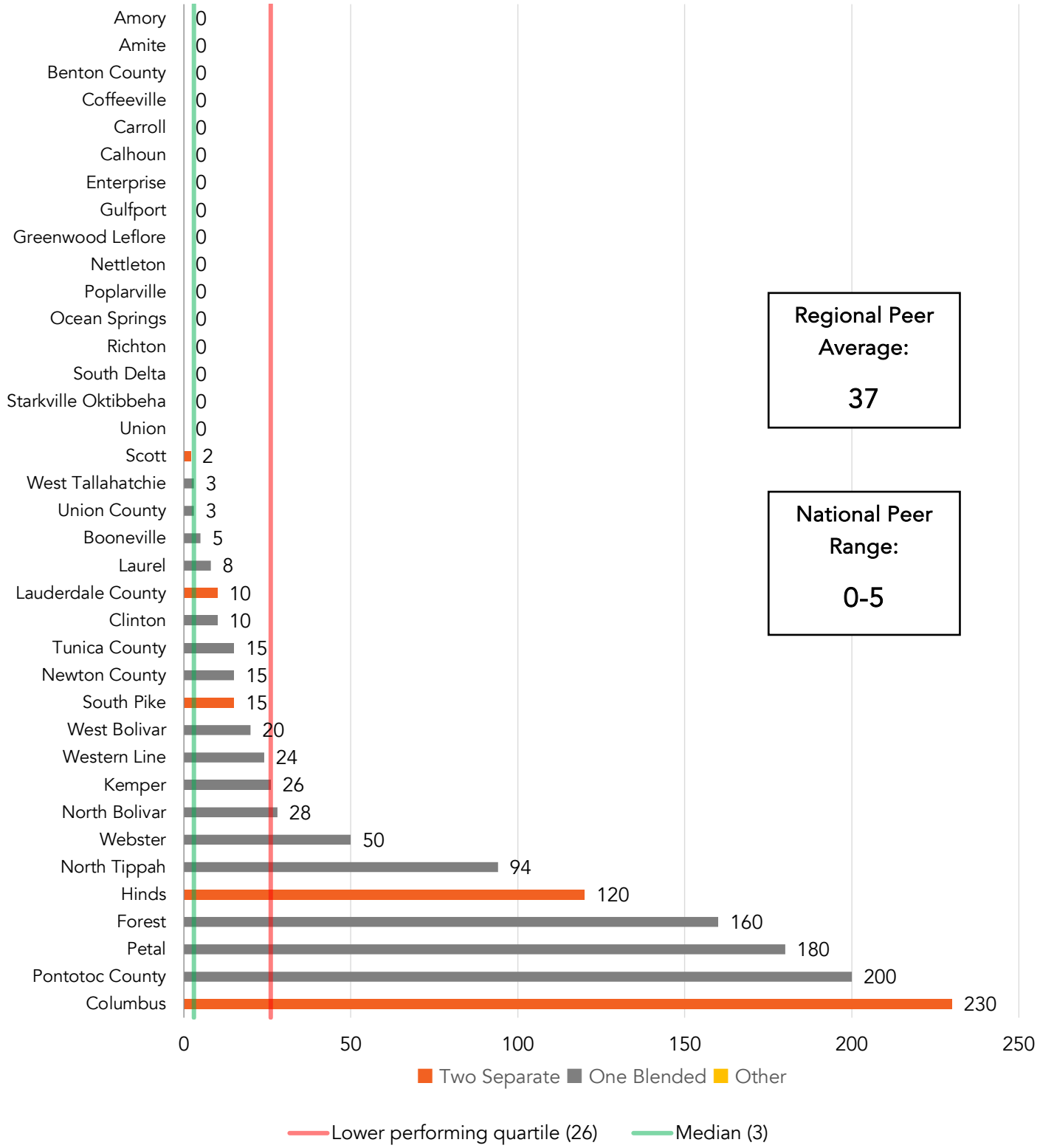
Of the districts reporting performance data, the median of three days in which network usage exceeded 75% of capacity for five minutes or longer was well below the regional peer average of 37 days and near the mid-point of the national peer range of zero to five days. However, seven districts reported numbers of days that exceeded the regional peer average, with Columbus reporting the highest number of days at 230.

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 on page 21, of the districts reporting performance data for FY 2023, 21 districts reported at least two days in the school year in which daily internet usage exceeded 75% of standard available bandwidth for five minutes or longer. Because 16 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 opportunity for 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 10 to 50 days per school year, while six districts had capacity issues exceeding 90 days. 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 the median in this exhibit represent the above reporting districts as well as an additional 80 Mississippi districts that were part of separate reviews over the same period. (See Introduction on page 2.)

Note: Aberdeen, Claiborne, Clarksdale, Columbia, East Jasper, Franklin, Jefferson, Jefferson Davis, Jones, Pascagoula-Gautier, Pearl, Tupelo, and West Jasper did not provide data.

Number of Advanced Presentation Devices per Teacher

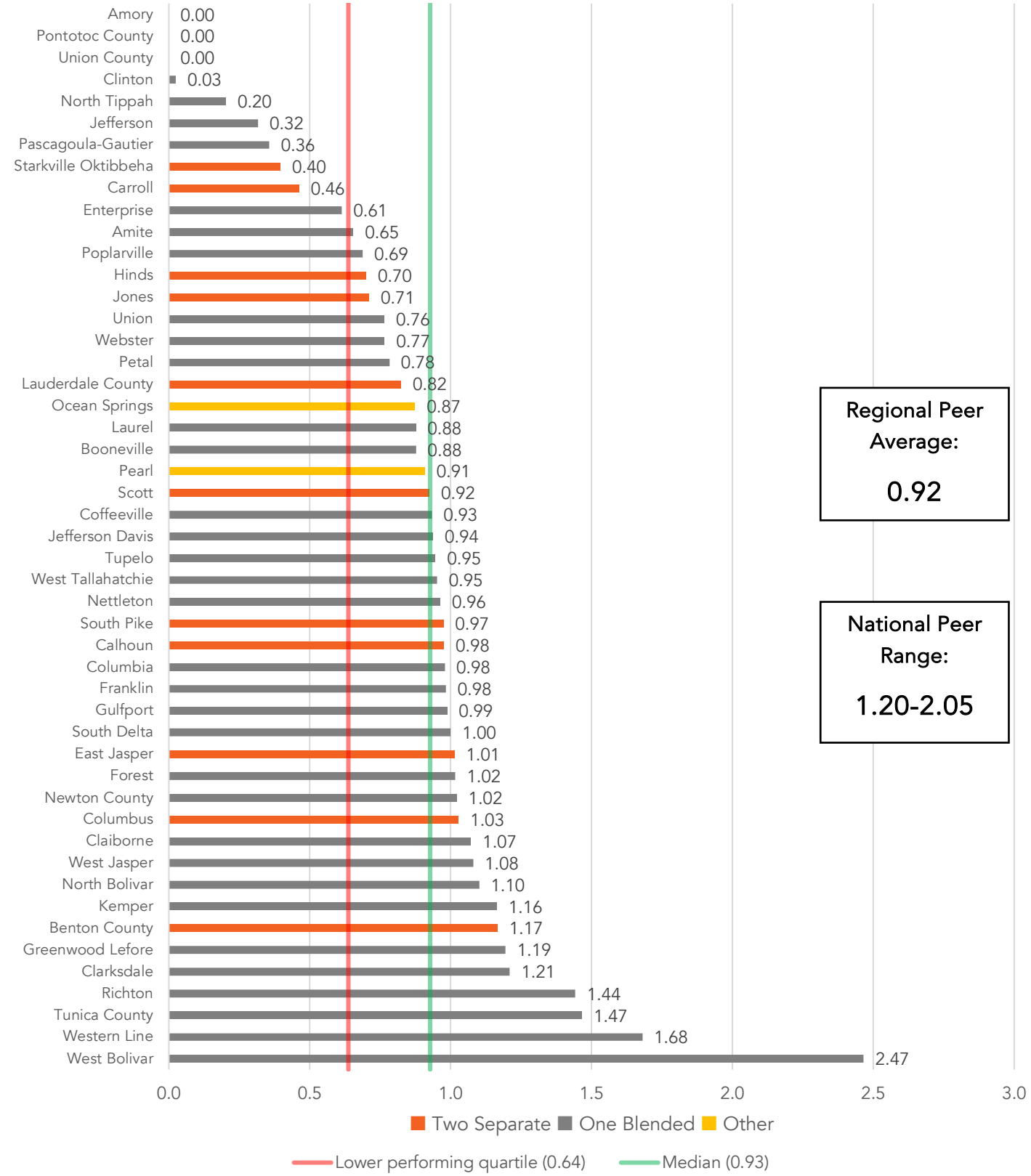
Of the districts reporting performance data for FY 2023, the 0.93 median number of advanced presentation devices per teacher (i.e., video/data projectors or smart whiteboards) is approximately equal to the 0.92 regional peer average but below the lower end of the national peer range of 1.20 to 2.05. Thus overall, districts 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 on page 23, of the districts reporting performance data for FY 2023, the number of advanced presentation devices per teacher ranged from zero in Amory, Pontotoc County, and Union County to 2.47 in West Bolivar. In addition, Clinton reported 0.03 advanced presentation devices per teacher (10 devices and 400 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 the median in this exhibit represent the above reporting districts as well as an additional 80 Mississippi districts that were part of separate reviews over the same period. (See Introduction on page 2.)

Note: Aberdeen did not provide data.

Number of Devices per IT Staff Member

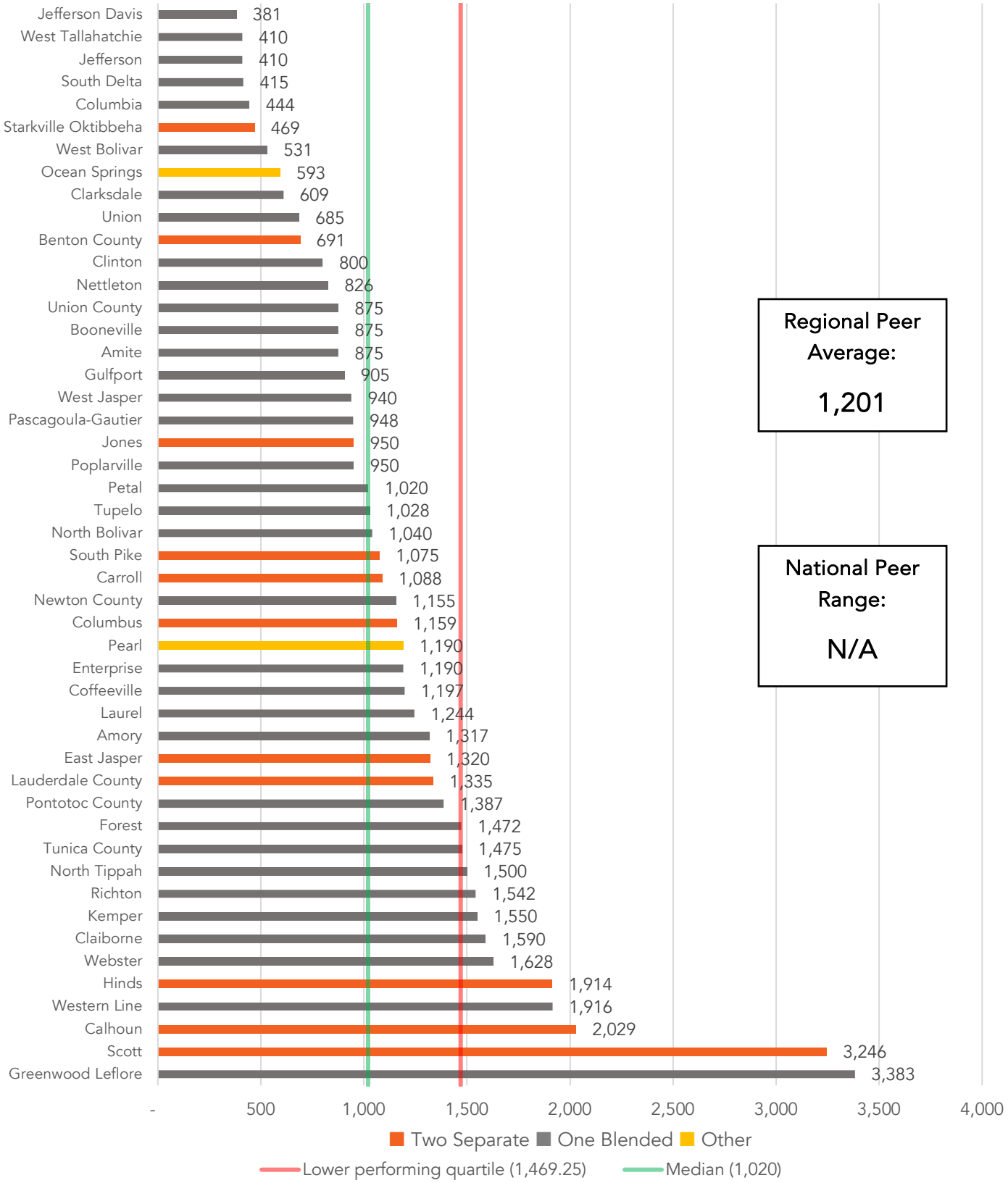
Of the districts reporting performance data for FY 2023, the median number of devices per IT staff member (1,020) is below the regional peer average of 1,201 devices per IT staff member, indicating that IT staff members are typically responsible for fewer IT devices than IT staff members in regional peer districts.

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 on page 25, the number of devices, employee and student, per IT staff member ranged from 381 in Jefferson Davis to 3,383 in Greenwood Leflore. 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, Greenwood Leflore reported three IT staff members. If district officials hired an additional IT staff member, Greenwood Leflore's number of devices per IT staff member would drop to 2,538.

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 the median in this exhibit represent the above reporting districts as well as an additional 80 Mississippi districts that were part of separate reviews over the same period. (See Introduction on page 2.)

Note: Aberdeen did not provide data. Franklin outsources its IT functions; therefore, IT staff numbers were not provided.

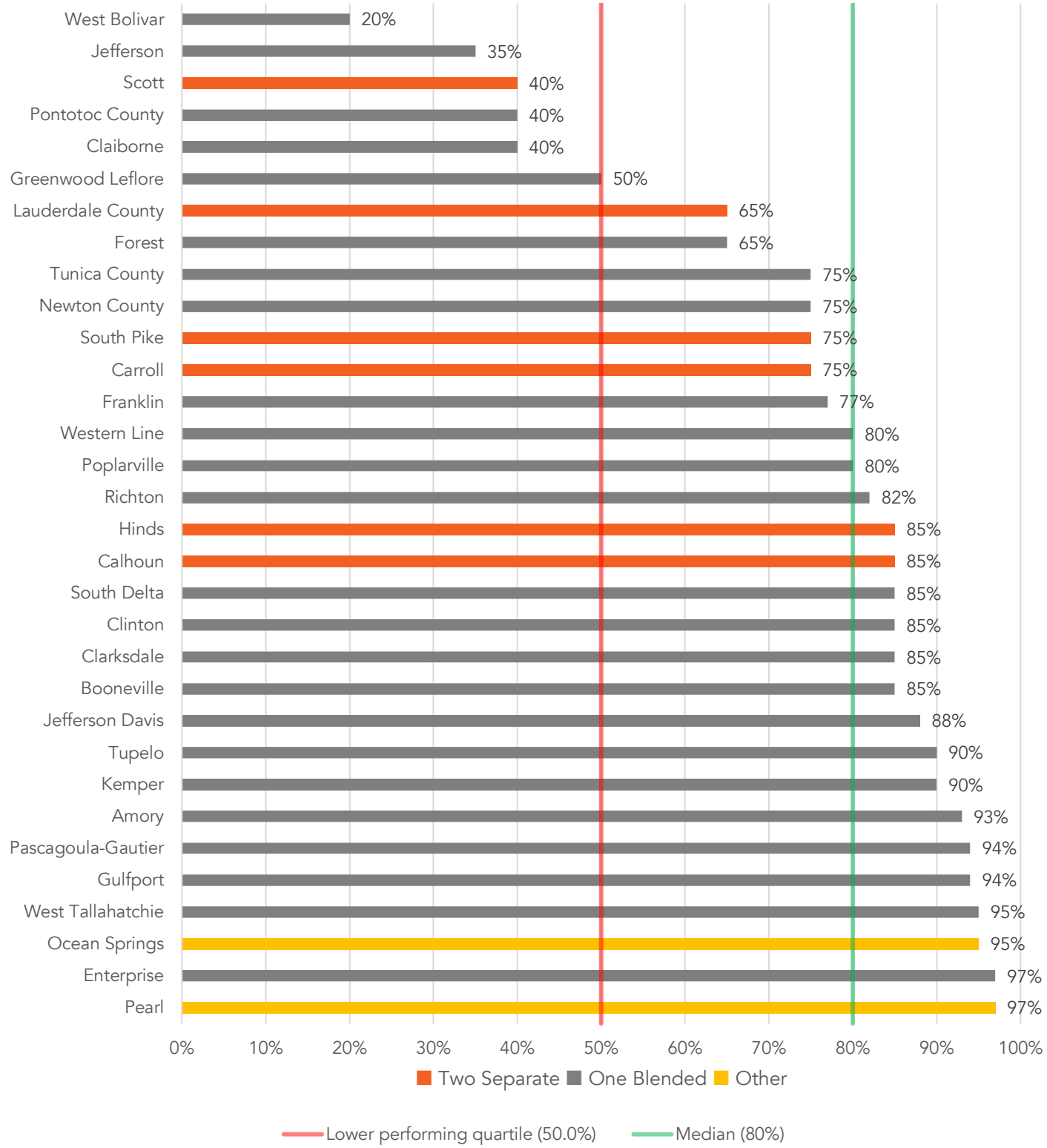
Percentage of Students' Households with Wi-Fi/Broadband Capabilities

Of the 32 districts that surveyed student households for FY 2023, six 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.

Thirty-two 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 on page 27, six of the 32 districts reported that 50% or less of students' households had broadband and Wi-Fi capabilities at home. West Bolivar reported the lowest percentage of 20%. Seven districts reported over 90% access to these capabilities: Enterprise (97%), Pearl (97%), Ocean Springs (95%), West Tallahatchie (95%), Gulfport (94%), Pascagoula-Gautier (94%), and Amory (93%). 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 the median in this exhibit represent the above reporting districts as well as an additional 80 Mississippi districts that were part of separate reviews over the same period. (See Introduction on page 2.)

Note: Aberdeen, Amite, Benton County, Coffeeville, Columbia, Columbus, East Jasper, Jones, Laurel, Nettleton, North Bolivar, North Tippah, Petal, Starkville Oktibbeha, Union, Union County, Webster, and West Jasper did not provide data.

Conclusion Regarding Districts' Data Collection of IT Functions

Only 23 of the 50 districts (46%) included in this cohort provided all of the benchmarking and performance data requested for this review. The lack of complete benchmarking and performance data inhibited the assessment team's ability to conduct a complete analysis of IT functions in the selected districts.

As noted previously, for this review Level Data selected 50 of Mississippi's 138 traditional public 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 49. Only 23 of the 50 districts included in this review (46%) 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 department at the Aberdeen district did not provide any data or information for this report. Further, Claiborne, North Tippah, South Pike, and Webster provided minimal performance data. Without such data, the districts' ability to manage their IT functions effectively is diminished.

Recommendations

1. In FY 2026, each district superintendent, in consultation with the district's information technology (IT) 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 on page 30 for recommendations specific to school districts.)
2. For those districts that were unable to provide certain information requested during this review pertaining to their IT programs (e.g., network usage levels), IT program personnel should begin collecting and monitoring this data on an ongoing basis.
3. Each district's IT 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. Any district without a documented IT plan should develop such a plan and all districts should maintain and update a documented IT plan to serve 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.
6. In addition to any on-site data backups, districts should also store and update daily data backups at off-site locations to assist in data recovery in the event of an emergency, disaster, or cyberattack.
7. Any district without an IT disaster recovery plan should develop such a plan and all districts should maintain, update, and regularly test an IT disaster recovery plan to assist in preserving and recovering district financial and student information in the event of a natural disaster, cyberattack, or equipment failure.
8. 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 IT staff to use when developing such plans.
9. 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 IT programs:
    a. a detailed IT survey for district technology leaders; and,
    b. a detailed survey for teaching staff regarding IT use in the classroom.

Exhibit 12: District-Specific Recommendations Regarding Information Technology

Aberdeen	The district failed to provide benchmark or performance information for review; thus, no recommendations could be made.
Amite	The district should pursue off-site backups of data, survey parents of students regarding Wi-Fi/Broadband access, review the device inventory, and remove obsolete devices.
Amory	The district should develop a formally documented technology plan and pursue off-site backups of data.
Benton County	The district should develop a formally documented technology plan and survey parents of students regarding Wi-Fi/Broadband access.
Booneville	The district should develop a formally documented technology plan and disaster recovery plan.
Calhoun	The district should develop a formally documented technology plan and examine overall staffing levels for technology.
Carroll	The district should develop a formally documented technology plan.
Claiborne	The district should develop a formally documented technology plan and disaster recovery plan. The district should also examine overall staffing levels for technology and track daily network usage levels.
Clarksdale	The district should develop a formally documented disaster recovery plan and track daily network usage levels.
Clinton	The district should develop a formally documented disaster recovery plan.
Coffeeville	The district should develop a formally documented technology plan and disaster recovery plan. It should be noted that a disaster recovery plan for 2023-24 was submitted to the district board for approval. Information is currently being compiled to implement a technology plan. The district should also survey parents of students regarding Wi-Fi/Broadband access.
Columbia	The district should develop a formally documented technology plan. The district should also survey parents of students regarding Wi-Fi/Broadband access and track daily network usage levels.
Columbus	Although the district did not have a formally documented technology plan in place when the FY 2023 data was collected for this analysis, the following year (FY 2024), the district finalized a technology plan. The district should survey parents of students regarding Wi-Fi/Broadband access.
East Jasper	The district should develop a formally documented technology plan and disaster recovery plan and pursue off-site backups of data. The district should also survey parents of students regarding Wi-Fi/Broadband access and track daily network usage levels.

Enterprise	The district should develop a formally documented technology plan and disaster recovery plan and pursue off-site backups of data.
Forest	The district should develop a formally documented disaster recovery plan and examine overall staffing levels for technology.
Franklin	The district should develop a formally documented technology plan, pursue off-site backups of data, and track daily network usage levels. The district should also review student device inventory and remove obsolete devices.
Greenwood Leflore	The district should develop a formally documented technology plan and disaster recovery plan. It should be noted that the district is working on updating and formalizing a technology plan. The district should also pursue off-site backups of data and examine overall staffing levels for technology.
Gulfport	The district should develop a formally documented technology plan and pursue off-site backups of data.
Hinds	The district should develop a formally documented disaster recovery plan and examine overall staffing levels for technology.
Jefferson	The district should develop a formally documented technology plan and disaster recovery plan and track daily network usage levels.
Jefferson Davis	The district should develop a formally documented disaster recovery plan, track daily network usage levels, review the device inventory, and remove obsolete devices.
Jones	The district should survey parents of students regarding Wi-Fi/Broadband access and track daily network usage levels.
Kemper	The district should develop a formally documented disaster recovery plan and examine overall staffing levels for technology.
Lauderdale County	The district should develop a formally documented technology plan. Although the district did not have a disaster recovery plan in place when the FY 2023 data was collected for this analysis, the following year (FY 2024), the district finalized a disaster recovery plan.
Laurel	The district should develop a formally documented technology plan and survey parents of students regarding Wi-Fi/Broadband access.
Nettleton	The district should survey parents of students regarding Wi-Fi/Broadband access.
Newton County	The district should review the staff device inventory and remove obsolete devices.
North Bolivar	The district should survey parents of students regarding Wi-Fi/Broadband access.
North Tippah	The district should develop a formally documented technology plan, examine overall staffing levels for technology, and survey parents of students regarding Wi-Fi/Broadband access.

Ocean Springs	The district should examine overall staffing levels for technology.
Pascagoula-Gautier	The district should develop a formally documented technology plan. Although the district did not have a disaster recovery plan in place when the FY 2023 data was collected for this analysis, the following year (FY 2024), the district finalized a disaster recovery plan. The district should also pursue off-site backups of data and track daily network usage levels.
Pearl	The district should develop a formally documented technology plan. The district should also track daily network usage levels.
Petal	The district should develop a formally documented disaster recovery plan, pursue off-site backups of data, and survey parents of students regarding Wi-Fi/Broadband access.
Pontotoc County	The district should develop a formally documented technology plan and disaster recovery plan. The district should also pursue off-site backups of data.
Poplarville	The district should develop a formally documented technology plan.
Richton	The district should pursue off-site backups of data.
Scott	The district should develop a formally documented technology plan and disaster recovery plan, pursue off-site backups of data, 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.
South Delta	The district should develop a formally documented technology plan and disaster recovery plan.
South Pike	The district should develop a formally documented technology plan.
Starkville Oktibbeha	The district should develop a formally documented technology plan and survey parents of students regarding Wi-Fi/Broadband access. The district should also examine overall staffing levels for technology and track daily network usage levels.
Tunica County	The district should develop a formally documented disaster recovery plan, pursue off-site backups of data, and examine overall staffing levels for technology.
Tupelo	The district should develop a formally documented technology plan and disaster recovery plan, pursue off-site backups of data, and track daily network usage levels.
Union	The district should develop a formally documented technology plan and disaster recovery plan. The district should also survey parents of students regarding Wi-Fi/Broadband access.
Union County	The district should survey parents of students regarding Wi-Fi/Broadband access.
Webster	The district should develop a formally documented technology plan, survey parents of students regarding Wi-Fi/Broadband access, 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.
West Bolivar	The district should survey parents of students regarding Wi-Fi/Broadband access.
West Jasper	The district should develop a formally documented technology plan and disaster recovery plan, pursue off-site backups of data, survey parents of students regarding Wi-Fi/Broadband access, and track daily network usage levels.
West Tallahatchie	The district should develop a formally documented disaster recovery plan and pursue off-site backups of data.
Western Line	The district should examine overall staffing levels for technology. The district should also review the staff device inventory and remove obsolete devices.

Appendix A: List of School Districts Included in this Review

1. Aberdeen*
2. Amite
3. Amory
4. Benton County
5. Booneville
6. Calhoun
7. Carroll
8. Claiborne
9. Clarksdale
10. Clinton
11. Coffeeville
12. Columbia
13. Columbus
14. East Jasper
15. Enterprise
16. Forest
17. Franklin
18. Greenwood Leflore
19. Gulfport
20. Hinds
21. Jefferson
22. Jefferson Davis
23. Jones
24. Kemper
25. Lauderdale County
26. Laurel
27. Nettleton
28. Newton County
29. North Bolivar
30. North Tippah
31. Ocean Springs
32. Pascagoula-Gautier
33. Pearl
34. Petal
35. Pontotoc County
36. Poplarville
37. Richton
38. Scott
39. South Delta
40. South Pike
41. Starkville Oktibbeha
42. Tunica County
43. Tupelo
44. Union
45. Union County
46. Webster

47. West Bolivar
48. West Jasper
49. West Tallahatchie
50. Western Line

* The IT department at Aberdeen failed to provide benchmark or performance data for this review.

SOURCE: PEER.

Appendix B: Information Technology Department Data by District for FY 2023

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
Aberdeen	Data Not Provided						
Amite	One Blended	$331,249	184	866	250	1,500	2
Amory	One Blended	$407,277	212	1,524	502	2,131	2
Benton County	Two Separate	$299,362	178	961	221	1,160	2
Booneville	One Blended	$474,549	193	1,320	250	1,500	2
Calhoun	Two Separate	$1,241,823	484	2,089	434	3,624	2
Carroll	Two Separate	$149,019	120	808	175	2,000	2
Claiborne	One Blended	$239,154	316	1,019	318	2,862	2
Clarksdale	One Blended	$804,878	332	2,060	450	1,987	4
Clinton	One Blended	$1,080,762	670	5,096	1,200	6,000	9
Coffeeville	One Blended	$302,586	97	404	99	1,098	1
Columbia	One Blended	$1,294,833	287	1,675	225	1,997	5
Columbus	Two Separate	$1,616,924	560	3,082	800	6,153	6
East Jasper	Two Separate	$589,468	186	752	120	1,200	1
Enterprise	One Blended	$174,810	142	982	210	980	1
Forest	One Blended	$2,278,237	232	1,670	265	4,150	3
Franklin	One Blended	$321,552	235	1,201	175	2,500	Not Provided
Greenwood Leflore	One Blended	$1,930,855	789	4,029	650	9,500	3

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
Gulfport	One Blended	$3,125,437	844	6,109	1,369	8,588	11
Hinds County	Two Separate	$1,459,426	669	4,960	650	5,091	3
Jefferson	One Blended	$427,212	195	1,009	100	1,130	3
Jefferson Davis	One Blended	$1,172,671	243	1,229	434	1,469	5
Jones	Two Separate	$834,700	1,245	8,390	1,200	8,300	10
Kemper	One Blended	$208,541	236	884	150	1,400	1
Lauderdale	Two Separate	$2,086,615	902	4,582	1,356	7,986	7
Laurel	One Blended	$770,510	496	2,643	600	5,000	5
Nettleton	One Blended	$256,960	219	1,080	152	1,500	2
Newton County	One Blended	$465,325	228	1,651	452	1,857	2
North Bolivar	One Blended	$146,738	166	779	80	960	1
North Tippah	One Blended	$899,291	217	1,168	200	1,300	1
Ocean Springs	Other*	$3,435,835	889	5,883	799	6,612	13
Pascagoula-Gautier	One Blended	$1,966,178	1,426	6,518	4,033	7,819	13
Pearl	Other*	$3,450,630	562	4,157	395	5,553	5
Petal	One Blended	$2,153,038	663	4,352	581	4,521	5
Pontotoc County	One Blended	$325,908	508	3,389	660	3,500	3
Poplarville	One Blended	$236,573	318	1,869	600	2,250	3
Richton	One Blended	$201,647	Not Provided	574	85	686	0.5

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
Scott	Two Separate	$1,803,869	Not Provided	3,988	850	8,887	3
South Delta	One Blended	$424,903	143	598	60	769	2
South Pike	Two Separate	Not Provided	280	1,379	420	2,805	3
Starkville Oktibbeha	Two Separate	$2,023,645	891	4,828	1,332	6,405	17
Tunica County	One Blended	$1,126,977	368	1,646	300	5,600	4
Tupelo	One Blended	$1,787,424	1,056	5,515	1,750	7,500	9
Union	One Blended	$374,350	145	924	170	1,200	2
Union County	One Blended	$685,743	380	2,942	500	3,000	4
Webster	One Blended	Not Provided	259	1,528	460	2,795	2
West Bolivar	One Blended	$291,377	Not Provided	984	165	897	2
West Jasper	One Blended	$454,038	242	1,401	352	1,527	2
West Tallahatchie	One Blended	$291,383	125	487	120	700	2
Western Line	One Blended	$840,741	283	1,243	1,206	2,625	2

*Districts with "Other" district support models reported the following: In Ocean Springs, the technology department was responsible for traditional technology functions and shared a trainer with the curriculum department. In Pearl, the technology department worked closely with the curriculum department for education technology needs and functions.

Appendix C: FY 2023 Information Technology Benchmark Data and Performance Indicators for Districts Reporting

Aberdeen
Benchmark Data Not Reported
Performance Data Not Reported

Amite			
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	1.8%	-	-
IT Spending per Student	$382.50	+	+
Average Age of Devices (weighted)	7.0	+	+
Number of Devices per Staff Member	1.36	+	-
Number of Devices per Student	1.73	+	+
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	1.7	+	-
Number of Network Days that Usage Exceeded 75% of Capacity	0	-	-
Number of Advanced Presentation Devices per Teacher	0.65	-	-
Number of Devices per IT Staff Member	875	-	-
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Amory			
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	1.9%	-	-
IT Spending per Student	$267.24	-	-
Average Age of Devices (weighted)	3.0	-	-
Number of Devices per Staff Member	2.37	+	+
Number of Devices per Student	1.40	+	=
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	0.7	-	-
Number of Network Days that Usage Exceeded 75% of Capacity	0	-	-
Number of Advanced Presentation Devices per Teacher	0.00	-	-
Number of Devices per IT Staff Member	1,316.5	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	93%	+	N/A

Benton 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	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	2.0%	-	-
IT Spending per Student	$339.38	-	-
Average Age of Devices (weighted)	1.5	-	-
Number of Devices per Staff Member	1.24	+	-
Number of Devices per Student	1.21	-	-
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	1.0	+	-
Number of Network Days that Usage Exceeded 75% of Capacity	0	-	-
Number of Advanced Presentation Devices per Teacher	1.17	+	+
Number of Devices per IT Staff Member	690.5	-	-
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Reported		

Booneville			
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	3.1%	+	+
IT Spending per Student	$380.67	+	+
Average Age of Devices (weighted)	4.0	+	+
Number of Devices per Staff Member	1.30	+	-
Number of Devices per Student	1.14	-	-
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	0.8	-	-
Number of Network Days that Usage Exceeded 75% of Capacity	5	+	-
Number of Advanced Presentation Devices per Teacher	0.88	-	-
Number of Devices per IT Staff Member	875	-	-
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	85%	+	N/A

Calhoun			
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	3.9%	+	+
IT Spending per Student	$617.19	+	+
Average Age of Devices (weighted)	2.0	-	-
Number of Devices per Staff Member	0.90	-	-
Number of Devices per Student	1.73	+	+
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	1.0	+	-
Number of Network Days that Usage Exceeded 75% of Capacity	0	-	-
Number of Advanced Presentation Devices per Teacher	0.98	+	+
Number of Devices per IT Staff Member	2,029	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	85%	+	N/A

Carroll			
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	1.1%	-	-
IT Spending per Student	$184.43	-	-
Average Age of Devices (weighted)	3.0	-	-
Number of Devices per Staff Member	1.46	+	=
Number of Devices per Student	2.48	+	+
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	9.9	+	-
Number of Network Days that Usage Exceeded 75% of Capacity	0	-	-
Number of Advanced Presentation Devices per Teacher	0.46	-	-
Number of Devices per IT Staff Member	1,087.5	+	-
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	75%	-	N/A

Claiborne			
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	$234.69	_	_
Average Age of Devices (weighted)	5.0	+	+
Number of Devices per Staff Member	1.01	-	-
Number of Devices per Student	2.81	+	+
Amount of Network Bandwidth per Student	2.0	+	_
Number of Network Days that Usage Exceeded 75% of Capacity	Data Not Provided		
Number of Advanced Presentation Devices per Teacher	1.07	+	+
Number of Devices per IT Staff Member	1590	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	40%	-	N/A

Clarksdale			
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	$568.61	+	+
Average Age of Devices (weighted)	2.0	-	-
Number of Devices per Staff Member	1.36	+	-
Number of Devices per Student	0.96	-	-
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	5.8	+	-
Number of Network Days that Usage Exceeded 75% of Capacity	Data Not Provided		
Number of Advanced Presentation Devices per Teacher	1.21	+	+
Number of Devices per IT Staff Member	609	-	-
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	85%	+	N/A

Clinton			
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	1.8%	-	-
IT Spending per Student	$222.80	-	-
Average Age of Devices (weighted)	4.0	+	+
Number of Devices per Staff Member	1.79	+	+
Number of Devices per Student	1.18	-	-
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	4.7	+	-
Number of Network Days that Usage Exceeded 75% of Capacity	10	+	-
Number of Advanced Presentation Devices per Teacher	0.03	-	-
Number of Devices per IT Staff Member	800	-	-
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	85%	+	N/A

Coffeeville			
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	4.2%	+	+
IT Spending per Student	$792.90	+	+
Average Age of Devices (weighted)	5.0	+	+
Number of Devices per Staff Member	1.02	-	-
Number of Devices per Student	2.72	+	+
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	2.5	+	-
Number of Network Days that Usage Exceeded 75% of Capacity	0	-	-
Number of Advanced Presentation Devices per Teacher	0.93	=	+
Number of Devices per IT Staff Member	1,197	+	-
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Columbia			
Benchmark Data Reported			
Benchmark	Yes	No	Notes
Has a documented technology plan?		×	
Has a technology disaster recovery plan?		×	Plan has been submitted to Board for approval.
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	5.7%	+	+
IT Spending per Student	$800.80	+	+
Average Age of Devices (weighted)	2.5	-	-
Number of Devices per Staff Member	0.78	-	-
Number of Devices per Student	1.19	-	-
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	0.6	-	-
Number of Network Days that Usage Exceeded 75% of Capacity	Data Not Provided		
Number of Advanced Presentation Devices per Teacher	0.98	+	+
Number of Devices per IT Staff Member	444	-	-
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Columbus			
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	3.1%	+	+
IT Spending per Student	$536.07	+	+
Average Age of Devices (weighted)	4.0	+	+
Number of Devices per Staff Member	1.43	+	+
Number of Devices per Student	2.00	+	+
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	2.6	+	-
Number of Network Days that Usage Exceeded 75% of Capacity	230	+	+
Number of Advanced Presentation Devices per Teacher	1.03	+	+
Number of Devices per IT Staff Member	1,159	+	-
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

East Jasper			
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?		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	3.5%	+	+
IT Spending per Student	$783.87	+	+
Average Age of Devices (weighted)	2.5	-	-
Number of Devices per Staff Member	0.65	-	-
Number of Devices per Student	1.60	+	+
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	0.7	-	-
Number of Network Days that Usage Exceeded 75% of Capacity	Data Not Provided		
Number of Advanced Presentation Devices per Teacher	1.01	+	+
Number of Devices per IT Staff Member	1,320	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Enterprise			
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	1.7%	-	-
IT Spending per Student	$216.53	-	-
Average Age of Devices (weighted)	4.0	+	+
Number of Devices per Staff Member	1.48	+	+
Number of Devices per Student	1.00	-	-
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	8.1	+	-
Number of Network Days that Usage Exceeded 75% of Capacity	0	-	-
Number of Advanced Presentation Devices per Teacher	0.61	-	-
Number of Devices per IT Staff Member	1,190	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	97%	+	N/A

Forest			
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	6.2%	+	+
IT Spending per Student	$946.60	+	+
Average Age of Devices (weighted)	4.0	+	+
Number of Devices per Staff Member	1.14	-	-
Number of Devices per Student	2.49	+	+
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	0.6	-	-
Number of Network Days that Usage Exceeded 75% of Capacity	160	+	+
Number of Advanced Presentation Devices per Teacher	1.02	+	+
Number of Devices per IT Staff Member	1,472	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	65%	-	N/A

Franklin			
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?		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	1.2%	-	-
IT Spending per Student	$183.48	-	-
Average Age of Devices (weighted)	6.5	+	+
Number of Devices per Staff Member	0.74	-	-
Number of Devices per Student	2.08	+	+
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	0.8	-	-
Number of Network Days that Usage Exceeded 75% of Capacity	Data Not Provided		
Number of Advanced Presentation Devices per Teacher	0.98	+	+
Number of Devices per IT Staff Member	Data Not Provided		
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	77%	-	N/A

Greenwood Leflore			
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	1.3%	-	-
IT Spending per Student	$215.65	-	-
Average Age of Devices (weighted)	5.0	+	+
Number of Devices per Staff Member	0.82	-	-
Number of Devices per Student	2.36	+	+
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	19.9	+	-
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	3,383	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	50%	-	N/A

Gulfport			
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	3.7%	+	+
IT Spending per Student	$523.28	+	+
Average Age of Devices (weighted)	2.3	-	-
Number of Devices per Staff Member	1.62	+	+
Number of Devices per Student	1.41	+	+
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	1.6	+	-
Number of Network Days that Usage Exceeded 75% of Capacity	0	-	-
Number of Advanced Presentation Devices per Teacher	0.99	+	+
Number of Devices per IT Staff Member	905	-	-
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	94%	+	N/A

Hinds			
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	1.8%	-	-
IT Spending per Student	$294.24	-	-
Average Age of Devices (weighted)	3.0	-	-
Number of Devices per Staff Member	0.97	-	-
Number of Devices per Student	1.03	-	-
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	0.4	-	-
Number of Network Days that Usage Exceeded 75% of Capacity	120	+	+
Number of Advanced Presentation Devices per Teacher	0.70	-	-
Number of Devices per IT Staff Member	1,914	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	85%	+	N/A

Jefferson			
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	$423.40	+	+
Average Age of Devices (weighted)	3.0	-	-
Number of Devices per Staff Member	0.51	-	-
Number of Devices per Student	1.12	-	-
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	1.0	+	-
Number of Network Days that Usage Exceeded 75% of Capacity	Data Not Provided		
Number of Advanced Presentation Devices per Teacher	0.32	-	-
Number of Devices per IT Staff Member	410	-	
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	35%	-	N/A

Jefferson Davis			
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	4.2%	+	+
IT Spending per Student	$954.17	+	+
Average Age of Devices (weighted)	7.0	+	+
Number of Devices per Staff Member	1.79	+	+
Number of Devices per Student	1.20	-	-
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	65.1	+	+
Number of Network Days that Usage Exceeded 75% of Capacity	Data Not Provided		
Number of Advanced Presentation Devices per Teacher	0.94	+	+
Number of Devices per IT Staff Member	381	-	-
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	88%	+	N/A

Jones			
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	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	0.8%	-	-
IT Spending per Student	$103.38	-	-
Average Age of Devices (weighted)	2.5	-	-
Number of Devices per Staff Member	0.96	-	-
Number of Devices per Student	0.99	-	-
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	2.9	+	-
Number of Network Days that Usage Exceeded 75% of Capacity	Data Not Provided		
Number of Advanced Presentation Devices per Teacher	0.71	-	-
Number of Devices per IT Staff Member	950	-	-
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Kemper			
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	0.6%	-	-
IT Spending per Student	$235.91	-	-
Average Age of Devices (weighted)	5.0	+	+
Number of Devices per Staff Member	0.64	-	-
Number of Devices per Student	1.58	+	+
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	1.1	+	-
Number of Network Days that Usage Exceeded 75% of Capacity	26	+	-
Number of Advanced Presentation Devices per Teacher	1.16	+	+
Number of Devices per IT Staff Member	1,550	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	90%	+	N/A

Lauderdale 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?	✓		
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	2.7%	+	+
IT Spending per Student	$408.53	+	+
Average Age of Devices (weighted)	2.0	-	-
Number of Devices per Staff Member	1.50	+	+
Number of Devices per Student	1.36	=	-
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	0.7	-	-
Number of Network Days that Usage Exceeded 75% of Capacity	10	+	-
Number of Advanced Presentation Devices per Teacher	0.82	-	-
Number of Devices per IT Staff Member	1,335	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	65%	-	N/A

Laurel			
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	1.3%	-	-
IT Spending per Student	$291.53	-	-
Average Age of Devices (weighted)	5.0	+	+
Number of Devices per Staff Member	1.21	=	-
Number of Devices per Student	1.89	+	+
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	6.1	+	-
Number of Network Days that Usage Exceeded 75% of Capacity	8	+	-
Number of Advanced Presentation Devices per Teacher	0.88	-	-
Number of Devices per IT Staff Member	1,244	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Nettleton			
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	$237.93	-	-
Average Age of Devices (weighted)	4.0	+	+
Number of Devices per Staff Member	0.69	-	-
Number of Devices per Student	1.39	+	-
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	0.9	-	-
Number of Network Days that Usage Exceeded 75% of Capacity	0	-	-
Number of Advanced Presentation Devices per Teacher	0.96	+	+
Number of Devices per IT Staff Member	826	-	-
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Newton County			
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	1.8%	-	-
IT Spending per Student	$295.59	-	-
Average Age of Devices (weighted)	6.0	+	+
Number of Devices per Staff Member	1.98	+	+
Number of Devices per Student	1.12	-	-
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	0.06	-	-
Number of Network Days that Usage Exceeded 75% of Capacity	15	+	-
Number of Advanced Presentation Devices per Teacher	1.02	+	+
Number of Devices per IT Staff Member	1,154.5	+	-
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	75%	-	N/A

North Bolivar			
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	0.8%	-	-
IT Spending per Student	$188.37	-	-
Average Age of Devices (weighted)	4.0	+	+
Number of Devices per Staff Member	0.48	-	-
Number of Devices per Student	1.23	-	-
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	102.70	+	+
Number of Network Days that Usage Exceeded 75% of Capacity	28	+	-
Number of Advanced Presentation Devices per Teacher	1.10	+	+
Number of Devices per IT Staff Member	1,040	+	-
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

North Tippah			
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	5.6%	+	+
IT Spending per Student	786.63	+	+
Average Age of Devices (weighted)	4.0	+	+
Number of Devices per Staff Member	0.92	-	-
Number of Devices per Student	1.11	-	-
Amount of Network Bandwidth per Student	0.5	-	-
Number of Network Days that Usage Exceeded 75% of Capacity	94	+	+
Number of Advanced Presentation Devices per Teacher	0.20	-	-
Number of Devices per IT Staff Member	1,500	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Ocean 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?	✓		
Model used for information technology support	Other – IT department managed the traditional technology functions and shared a trainer with 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	4.9%	+	+
IT Spending per Student	$616.68	+	+
Average Age of Devices (weighted)	0.3	-	-
Number of Devices per Staff Member	0.90	-	-
Number of Devices per Student	1.12	-	-
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	0.34	-	-
Number of Network Days that Usage Exceeded 75% of Capacity	0	-	-
Number of Advanced Presentation Devices per Teacher	0.87	-	-
Number of Devices per IT Staff Member	593	-	-
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	95%	+	N/A

Pascagoula-Gautier			
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?		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	1.6%	-	-
IT Spending per Student	$301.65	-	-
Average Age of Devices (weighted)	4.3	+	+
Number of Devices per Staff Member	2.83	+	+
Number of Devices per Student	1.20	-	-
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	1.23	+	-
Number of Network Days that Usage Exceeded 75% of Capacity	Data Not Provided		
Number of Advanced Presentation Devices per Teacher	0.36	-	-
Number of Devices per IT Staff Member	948	-	-
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	94%	+	N/A

Pearl			
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	Other - IT and Curriculum Department work together on education technology needs and functions		

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	6.7%	+	+
IT Spending per Student	$895.59	+	+
Average Age of Devices (weighted)	4.0	+	+
Number of Devices per Staff Member	0.70	-	-
Number of Devices per Student	1.34	-	-
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	1.32	+	-
Number of Network Days that Usage Exceeded 75% of Capacity	Data Not Provided		
Number of Advanced Presentation Devices per Teacher	0.91	-	-
Number of Devices per IT Staff Member	1,190	+	-
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	97%	+	N/A

Petal			
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	3.0%	+	+
IT Spending per Student	$502.55	+	+
Average Age of Devices (weighted)	3.0	-	-
Number of Devices per Staff Member	0.88	-	-
Number of Devices per Student	1.04	-	-
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	0.34	-	-
Number of Network Days that Usage Exceeded 75% of Capacity	180	+	+
Number of Advanced Presentation Devices per Teacher	0.78	-	-
Number of Devices per IT Staff Member	1,020	=	-
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Pontotoc County			
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	1.6%	-	-
IT Spending per Student	$118.87	-	-
Average Age of Devices (weighted)	3.0	-	-
Number of Devices per Staff Member	1.30	+	-
Number of Devices per Student	1.03	-	-
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	2.36	+	-
Number of Network Days that Usage Exceeded 75% of Capacity	200	+	+
Number of Advanced Presentation Devices per Teacher	0.00	-	-
Number of Devices per IT Staff Member	1,387	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	40%	-	N/A

Poplarville			
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	1.1%	-	-
IT Spending per Student	$165.63	-	-
Average Age of Devices (weighted)	5.0	+	+
Number of Devices per Staff Member	1.89	+	+
Number of Devices per Student	1.20	-	-
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	1.07	+	-
Number of Network Days that Usage Exceeded 75% of Capacity	0	+	+
Number of Advanced Presentation Devices per Teacher	0.69	-	-
Number of Devices per IT Staff Member	950	-	-
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	80%	=	N/A

Richton			
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	$351.30	-	+
Average Age of Devices (weighted)	3.0	-	-
Number of Devices per Staff Member	0.87	-	-
Number of Devices per Student	1.20	-	-
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	1.74	+	-
Number of Network Days that Usage Exceeded 75% of Capacity	0	-	-
Number of Advanced Presentation Devices per Teacher	1.44	+	+
Number of Devices per IT Staff Member	1,542	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	82%	+	N/A

Scott			
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	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	3.9%	+	+
IT Spending per Student	$461.90	+	+
Average Age of Devices (weighted)	8.0	+	+
Number of Devices per Staff Member	1.39	+	-
Number of Devices per Student	2.23	+	+
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	0.50	-	-
Number of Network Days that Usage Exceeded 75% of Capacity	2	-	-
Number of Advanced Presentation Devices per Teacher	0.92	-	=
Number of Devices per IT Staff Member	3,246	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	40%	-	N/A

South Delta			
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	3.4%	+	+
IT Spending per Student	$740.38	+	+
Average Age of Devices (weighted)	4.0	+	+
Number of Devices per Staff Member	0.42	-	-
Number of Devices per Student	1.29	-	-
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	1.67	+	-
Number of Network Days that Usage Exceeded 75% of Capacity	0	-	-
Number of Advanced Presentation Devices per Teacher	1.00	+	+
Number of Devices per IT Staff Member	414.5	-	-
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	85%	+	N/A

South Pike			
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	Data Not Provided		
IT Spending per Student			
Average Age of Devices (weighted)	2.0	-	-
Number of Devices per Staff Member	1.50	+	+
Number of Devices per Student	2.03	+	+
Amount of Network Bandwidth per Student	0.7	-	-
Number of Network Days that Usage Exceeded 75% of Capacity	15	+	-
Number of Advanced Presentation Devices per Teacher	0.97	+	+
Number of Devices per IT Staff Member	1,075	+	-
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	75%	-	N/A

Starkville Oktibbeha			
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	2.3%	=	-
IT Spending per Student	$429.66	+	+
Average Age of Devices (weighted)	3.0	-	-
Number of Devices per Staff Member	1.49	+	+
Number of Devices per Student	1.33	-	-
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	0.41	-	-
Number of Network Days that Usage Exceeded 75% of Capacity	0	-	-
Number of Advanced Presentation Devices per Teacher	0.40	-	-
Number of Devices per IT Staff Member	469	-	-
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Tunica County			
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	3.2%	+	+
IT Spending per Student	$724.80	+	+
Average Age of Devices (weighted)	4.0	+	+
Number of Devices per Staff Member	0.82	-	-
Number of Devices per Student	3.40	+	+
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	0.61	+	-
Number of Network Days that Usage Exceeded 75% of Capacity	15	+	-
Number of Advanced Presentation Devices per Teacher	1.47	+	+
Number of Devices per IT Staff Member	1,475	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	75%	-	N/A

Tupelo			
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?		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	1.3%	-	-
IT Spending per Student	$344.97	-	-
Average Age of Devices (weighted)	2.5	-	-
Number of Devices per Staff Member	1.66	+	+
Number of Devices per Student	1.36	=	-
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	0.91	-	-
Number of Network Days that Usage Exceeded 75% of Capacity	Data Not Provided		
Number of Advanced Presentation Devices per Teacher	0.95	+	+
Number of Devices per IT Staff Member	1,028	+	-
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	90%	+	N/A

Union			
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	3.2%	+	+
IT Spending per Student	$427.21	+	+
Average Age of Devices (weighted)	3.0	-	-
Number of Devices per Staff Member	1.17	-	-
Number of Devices per Student	1.30	+	-
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	1.08	+	-
Number of Network Days that Usage Exceeded 75% of Capacity	0	-	-
Number of Advanced Presentation Devices per Teacher	0.76	-	-
Number of Devices per IT Staff Member	685	-	-
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Union County			
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	2.1%	-	-
IT Spending per Student	$279.91	-	-
Average Age of Devices (weighted)	3.0	-	-
Number of Devices per Staff Member	1.32	+	-
Number of Devices per Student	1.02	-	-
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	2.72	+	-
Number of Network Days that Usage Exceeded 75% of Capacity	3	=	-
Number of Advanced Presentation Devices per Teacher	0.00	-	-
Number of Devices per IT Staff Member	875	-	-
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

Webster			
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)	7.0	+	+
Number of Devices per Staff Member	1.78	+	+
Number of Devices per Student	1.83	+	+
Amount of Network Bandwidth per Student	2.0	+	-
Number of Network Days that Usage Exceeded 75% of Capacity	50	+	+
Number of Advanced Presentation Devices per Teacher	0.77	-	-
Number of Devices per IT Staff Member	1,627.5	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

West Bolivar			
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	$296.11	-	-
Average Age of Devices (weighted)	6.0	-	-
Number of Devices per Staff Member	1.0	-	-
Number of Devices per Student	0.91	+	+
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	1.27	+	-
Number of Network Days that Usage Exceeded 75% of Capacity	20	+	-
Number of Advanced Presentation Devices per Teacher	2.47	+	+
Number of Devices per IT Staff Member	531	-	-
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	20%	-	N/A

West Jasper			
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?		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	2.2%	-	-
IT Spending per Student	$366.09	+	-
Average Age of Devices (weighted)	5.5	+	+
Number of Devices per Staff Member	1.45	+	-
Number of Devices per Student	1.09	-	-
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	0.71	-	-
Number of Network Days that Usage Exceeded 75% of Capacity	Data Not Provided		
Number of Advanced Presentation Devices per Teacher	1.08	+	+
Number of Devices per IT Staff Member	939.5	-	-
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	Data Not Provided		

West Tallahatchie			
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	$167.57	-	-
Average Age of Devices (weighted)	3.0	-	-
Number of Devices per Staff Member	0.96	-	-
Number of Devices per Student	1.44	+	+
Amount of Network Bandwidth per Student	0.92	-	-
Number of Network Days that Usage Exceeded 75% of Capacity	3	=	-
Number of Advanced Presentation Devices per Teacher	0.95	+	+
Number of Devices per IT Staff Member	410	-	-
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	N/A	N/A	N/A

Western Line			
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	3.3%	+	+
IT Spending per Student	$726.45	+	+
Average Age of Devices (weighted)	3.0	-	-
Number of Devices per Staff Member	4.26	+	+
Number of Devices per Student	2.11	+	+
Amount of Network Bandwidth per Student (1.0 Equals 1 Million Bits per Second)	0.8	-	-
Number of Network Days that Usage Exceeded 75% of Capacity	24	+	-
Number of Advanced Presentation Devices per Teacher	1.68	+	+
Number of Devices per IT Staff Member	1,915.5	+	+
Percentage of Students' Households with Wi-Fi/ Broadband Capabilities	80%	=	N/A

James F. (Ted) Booth, Executive Director

Reapportionment
Ben Collins

Administration
Kirby Arinder
Stephanie Harris
Gale Taylor

Quality Assurance and Reporting
Tracy Bobo
Bryan "Jay" Giles

Performance Evaluation
Lonnie Edgar, Deputy Director
Jennifer Sebren, Deputy Director
Taylor Burns
Emily Cloys
Kim Cummins
Kelsi Ford
Rucell Harris
Matthew Holmes
Chelsey Little
Debra Monroe
Ryan Morgan
Meri Clare Ringer
Sarah Williamson
Julie Winkeljohn