

Report to the North Carolina General Assembly

School Connectivity Initiative SL 2007-323 (HB1473), Section 7.28.(d)

Legislative Update (2021-2022)

Data Provided for State Fiscal Years 2020-2021 and 2021-2022 E-rate Cycle Years 2020 and 2021

Prepared by:

Office of School Connectivity, North Carolina Department of Public Instruction The Friday Institute for Educational Innovation, North Carolina State University

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DPI Chronological Schedule, 2022-2023

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Executive Summary

The North Carolina School Connectivity Initiative (SCI) provides sufficient and reliable Internet access to every public school classroom across the state. Through the SCI, the NC Department of Public Instruction (NCDPI) also provides all PSUs with cooperative purchasing agreements, training, support, network engineering, content filtering, identity management and firewall services. North Carolina has been building this program for 16 years and is recognized as a national leader in providing equitable connectivity for public schools.

North Carolina utilizes the Federal Communications Commission's (FCC) <u>E-rate</u> program to the fullest extent possible and is a leading recipient of FCC funding on a per-student basis. This report details the significant accomplishments achieved over the State Fiscal Years 2021 and 2022 (SFY21 and SFY22) and calendar years 2020 through 2022 (CY20 to CY22). Due to the schedule in which the FCC allocates funding, multiple calendar years are reported for some data. Included are financial and operational performance data, opportunities for improvement, risks, mitigation strategies, and recommendations for legislative action. Key graphs used in this report are available online and interactively at https://go.ncsu.edu/SCIreport courtesy of the Friday Institute for Educational Innovation at NC State University.

Key Characteristics of The Program

- North Carolina is a leader in recovering Universal Service Fees paid by its residents in their telecommunications bills. These fees are distributed to schools through the FCC E-rate program. Every school has a fiber internet connection, and every classroom has Wi-Fi access, all as a result of the SCI and the E-rate program. Over the last decade, the state has averaged \$75 million in funding commitments from the FCC E-rate program.
- Aggregate K-12 Internet capacity is over 450 Gbps (billion bits per second) with the average network utilization just under 60%. Every school has enough capacity to support digital teaching, with the capacity to grow, without overpaying for too much network capacity.
- Managed firewall, content filtering, and identity management services are provided at no cost to the PSUs, to protect students and school business systems.
- E-rate training programs for pertinent PSU staff. Leadership training is provided through a partnership with the UNC School of Government for PSU Chief Technology Officer/Technology Leaders.
- Provides network operations support, on-site technical assessments, and assistance is provided to PSUs to ensure the impact of the investment in infrastructure is maximized.
- In Fiscal Year 2021, each dollar of state funding spent on E-rate eligible goods and services delivers \$3.44 in value to the PSUs.

- Through analysis and modeling of E-rate filing scenarios performed by the Friday Institute, SCI continues to optimize E-rate Internet access applications to maximize the state's discount rate.
- Internet utilization at almost every PSU increased significantly post-pandemic. Federal pandemic-related programs, such as the Emergency Connectivity Fund (ECF), provided PSUs funding to ensure every student and teacher had a device for remote learning and expand the use of digital teaching and learning methods. These devices and methods returned to the physical classroom, causing increased utilization. SCI has always provided policies, guidance, and resources to have sufficient room for unexpected growth such as this.
- In 2020, SCI predicted an increased need of \$4.6M per year in response to an announced 12% E-rate program budget increase for PSUs. The General Assembly provided this funding and enabled SCI to meet the 15% increase in the amount requested by PSUs.

Considerations and Recommendations

Detailed within this report are several recommendations for legislative actions that are necessary for SCI to remain viable at the current service levels:

1. Improve E-rate Project Allocation Flexibility

Renew the intent of SL2017-57 SECTION 7.11.(d) to permanently permit these School Connectivity funds allocated to PSUs (PRC 073 and PRC 036) to carry-over to the next funding year. The federal E-rate cycle spans 18 months. PSU's make requests in March and may not be approved by the FCC until June. PSUs must then wait for SCI funds to come in August (at the earliest due to OSBM and agency annual budget certification) before placing orders with vendors. Vendors continue to struggle with supply chain issues to deliver on time, and PSUs may not pay invoices until delivery is complete. If the PSU cannot receive the products in time, they experience financial challenges in managing state and local funds to not lose funding. This creates significant opportunity for audit exceptions and lack of transparency. The allocations are made for a specific, approved project. NCDPI could consider a new PRC specifically for allotments leveraged against E-rate with regulations concerning the timeframe in which the funds must be used.

2. Plan for Technology Deficit Created by the FCC Emergency Connectivity Fund

Devise potential funding models, cooperative purchasing agreements, and best practices for PSUs to enable sustainable digital teaching and learning when ECF and other temporary funds are no longer available.

North Carolina has been recognized as a leader in school connectivity for a decade. Few states have had the foresight, wherewithal, and support of their General Assembly to build and operate such an initiative. We know of no other state that is protecting public schools in such a centralized and coordinated manner as North Carolina with firewalls and identity management.

Background

The School Connectivity Initiative was launched in earnest with the publication of the Developing Regional Education Networks report in May 2006. In the 16 years since the inception of the SCI program, NC public schools have sought almost \$2 billion in network infrastructure and services of which \$1.2 billion was paid by the Federal Communications Commission (FCC) E-rate¹ program. During this time, the telecommunications and computing markets have shifted dramatically, and the regulatory environment has been in near-constant flux. The NC legislature has called for and invested in a digital transition in public schools.

2006	Developing Regional Education Networks report published	
2007	NC Legislature Funds SCI with \$12M, recurring	
2008	NC Legislature adds \$10M for a total of \$22M, recurring	
2009	All 115 PSUs connected to NCREN	NCREN
2010	Inaugural class of 34 CeCTO students graduate	Cecto Carried States are 2 of Halle stage (Plate
2012	NC Education Cloud Identity and Access Management plan published	NCEdCloud IAM
2013	MCNC completes final phase of BTOP- GLF fiber expansion	Golden LEAF MCNC MCNC
2014	First E-rate modernization order	FC

 $^{^{1}\} https://www.fcc.gov/consumers/guides/universal-service-program-schools-and-libraries-e-rate$

2015	NC Digital Learning Plan published. NC legislature adds \$12M recurring to SCI.	Control Contro
2017	NC reaches \$1B in E-Rate disbursements	FC
2018	Modern Wi-Fi is available in every classroom in NC	Wi Fi
	DPI establishes new contracts for Internet, Firewall and Filtering with substantial cost savings and improved service	
2022	NC reaches \$300M in E-Rate procurement value for Wi-Fi since modernization (2015 to 2022)	FC

Figure 1: SCI Milestone Timeline

Figure 1 illustrates how the SCI program has exhibited extraordinary productivity and adaptability over its history. Within its first year, it connected all 115 districts to the NC Research and Education Network using an opt-in approach. It established the Certified Educational Chief Technology Officer (CeCTO) training program through the UNC School of Government and developed and implemented the NCEdCloud Identity and Access Management (IAM) service. Through MCNC and the Golden Leaf Foundation, the program enabled the delivery of competitive fiber connectivity to rural NC schools and libraries, adapted to the NC Digital Learning Plan, FCC E-rate modernization orders, and the growth of student device proliferation. From 2009 to 2022, the K-12 contracted Internet usage grew from approximately 1 Gbps to 450 Gbps.

Performance Overview

The vision of the SCI is to ensure all NC PSUs have equitable access to secure and reliable high-speed Internet access, sufficient to meet their instructional and professional needs, through efficient use of federal and state funding.

It is our mission to maximize the state and local use of the federal E-rate program to obtain the greatest discounts or reimbursements. This is accomplished with cooperative purchasing agreements (CPAs) and common shared services which enable PSU local control while leveraging economies of scale.

E-rate Utilization Rate by North Carolina

In the CY2022 E-rate filing year:

- 188 PSUs submitted 417 requests for E-rate. A total contract value of \$89M was sought with \$67M of that being provided by the FCC E-rate program
- 97% approval of all requests, with an average E-rate discount of 75%

These results are directly attributable to the work of SCI's regional E-rate coordinators providing:

- Direct assistance within PSUs for E-rate planning and filing
- Individualized support through multiple levels of FCC reviews, audits and appeals occurring throughout the year
- Multiple regional training events open to all E-rate eligible entities, including public libraries
- Planning, filing, and audit support of multiple state Internet consortia applications
- Assistance from The Friday Institute in data analytics and the development of algorithms to determine the optimal E-rate filing strategy to maximize E-rate discounts.

Financial Summary

The School Connectivity Initiative is a \$94 million program supported by \$32 million in legislative funding.

Table 1 summarizes SFY2021 and SFY2022 total SCI expenses, the portion paid by E-rate, and the portion paid by State funding. The FCC groups E-rate eligible expenses into two broad categories, external connectivity expenses (Category 1) that deliver Internet and interconnect individual schools, and internal connectivity expenses (Category 2) that provide the wiring, switches, and wireless access points within each school.

(All values in millions, rounded)	Total Cost	E-rate Portion	State Portion
Category 1 Consortium Internet	\$13.4	\$10.6	\$2.9
Category 1 School Fiber Connections (WAN)	\$30.6	\$23.4	\$7.2
Category 2 Classroom Connections (Wi-Fi)	\$38.5	\$27.4	\$11.2
E-Rate Eligible Totals	\$82.6	\$61.3	\$21.2
Identity and Access Management	\$1.5	not eligible	\$1.5
Client Network Engineering	\$1.8	not eligible	\$1.8
Program Administration NCDPI, FFL, FI	\$1.1	not eligible	\$1.1
Firewall Services	\$2.3	not eligible	\$2.3
Content Filtering Services	\$4.6	not eligible	\$4.6
E-rate Ineligible Totals	\$11.3		\$11.3
Grand Totals	\$93.8	\$61.3	\$32.5

Table 1A: Financial Summary SFY21 (unaudited)

(All values in millions, rounded)	Total Cost	E-rate Portion	State Portion
Category 1 Consortium Internet	\$12.6	\$9.8	\$2.7
Category 1 School Fiber Connections (WAN)	\$29.4	\$22.4	\$7.0
Category 2 Classroom Connections (Wi-Fi)	\$44.1	\$28.6	\$15.5
E-Rate Eligible Totals	\$86.0	\$60.8	\$25.2
Identity and Access Management	\$1.5	not eligible	\$1.5
Client Network Engineering	\$1.8	not eligible	\$1.8
Program Administration NCDPI, FFL, FI	\$1.1	not eligible	\$1.1
Firewall Services	\$2.2	not eligible	\$2.2
Content Filtering Services	\$4.2	not eligible	\$4.2
E-rate Ineligible Totals	\$10.8		\$10.8
Grand Totals	\$96.8	\$60.8	\$36.0

Table 1B: Financial Summary SFY22 (unaudited)

Each year approximately 85% of SCI expenditures are eligible for FCC E-rate discounts. Every E-rate-eligible purchase goes through multiple reviews by the Universal Services Administrative Company (USAC), a subcontractor to the FCC, to

ensure the most cost-effective and technically sufficient solution is selected through an open and competitive bidding process. SCI's E-rate Coordinators are involved in every filing and at various levels during the review and audit processes.

For every \$1 of state funding spent on E-rate-eligible goods and services, North Carolina schools received \$3.44 in total value.

Consortium Internet

SCI offers all PSUs fiber-based Internet access to a single centralized location, often the district central office, through the NC Research and Education Network, (NCREN) operated by MCNC. This opt-in service is provided at no cost to all PSUs. All 115 districts currently, and have for over ten years, opted to use this service.

Charter schools may opt-in to this service at no cost or receive an annual \$5,000 allocation for Internet service. 165 charter schools use the state-provided internet service through NCREN.

On behalf of all PSUs, SCI establishes NCREN Internet access through a contract with the NC Department of Information Technology (NCDIT). Cost containment is achieved by actively monitoring each PSUs actual internet usage and only procuring the capacity actually needed, based on industry-standard metrics.

For SFY2021, NCDPI applied for Internet access at a cost of \$14.89 million with an E-rate funding commitment of \$11.68 million, making the worst-case cost to the State \$3.21 million.

For SFY2022, NCDPI applied for Internet access at a cost of \$14.71 million with an E-rate funding commitment of \$11.59 million, making the worst-case cost to the State \$3.12 million. It is unusual to have two consecutive years at the same cost. In CY2022, NCDPI bid the consortium internet contract and, while capacity increased, costs decreased. For the current fiscal year, SFY23, total Internet access is expected to cost \$10.73 million with an expected E-rate commitment of \$8.28 million, leaving the State to cover just \$2.45 million in a worst-case scenario.

School Fiber Connections (District Wide Area Network, WAN)

To distribute Internet access from a district central location to each school, districts use private service providers, such as Spectrum, AT&T, CenturyLink, or Conterra, to provide a fiber-based Wide Area Network (WAN). These WANs aggregate all the district schools to a central location for upstream connection to NCREN and the public Internet. Each of these connections are eligible for E-rate discounts of up to 90%. Any PSU with multiple campuses may have a WAN that is funded by SCI.

With over 2,600 school buildings in NC and dozens of service providers in the state, it is not feasible for SCI to provide WAN services in the same manner as Internet service. Therefore, each district is responsible for the procurement, management, and E-rate filings for their WAN. The SCI E-rate coordinators provide each PSU

guidance and assistance with each step. Upon E-rate approval, the service provider bills E-rate directly for the discounted portion and invoices the PSU for the remaining cost of the service. SCI provides an allocation to the PSU to cover this discounted invoice, resulting in a net-zero cost to the PSU. In each fiscal year, SFY2020 and SFY2021, PSUs received approximately \$32 million in WAN services with E-rate covering approximately \$25 million, leaving just \$7 million for SCI to cover. These funds provide fiber connections to approximately 2,500 school buildings. See Appendices A and B for details on a per-PSU basis.

Classroom Connections (Wi-Fi)

With Internet service delivered to the individual school building, additional network infrastructure is necessary to distribute access to individual classrooms. Funding inside the school building is called "Category Two" in E-rate terminology, to distinguish it from the funding used to provide fiber to the school building itself. Unlike Internet and WAN funding, this classroom connection funding is capped by the FCC on a perstudent basis of \$167 per student over five years.

Identical to the WAN process, PSUs make the purchases, the vendor bills E-rate and then invoices the PSU for the balance, and finally, SCI allocates to the PSU an amount equal to the invoice.

In July 2014, the FCC issued an E-rate Modernization Order establishing a five-year per-student-per-school "budget" to expand funding for robust classroom Wi-Fi. In response, SCI established Cooperative Purchasing Agreements providing numerous options for each PSU to select a vendor of their choice. The CPAs provide deep discounts that would not be available to most PSUs if they were to obtain services and equipment on their own. SCI continues to maintain and re-bid these contracts as necessary to meet state procurement laws and E-rate rules.

SCI has an established and tested methodology to track each PSU's use of E-rate funds and to budget for each funding year. If every PSU applies for every dollar allowed under E-rate, PSUs will procure \$161 million of classroom connectivity equipment, with E-rate providing \$119M and SCI providing the remaining \$42 million. Over the next three years, for every \$1 of state funding, the PSUs would receive \$4 of equipment, on average. A detailed analysis and tracking tool has been developed by the Friday Institute and is available at: https://go.ncsu.edu/2023cat2budgets

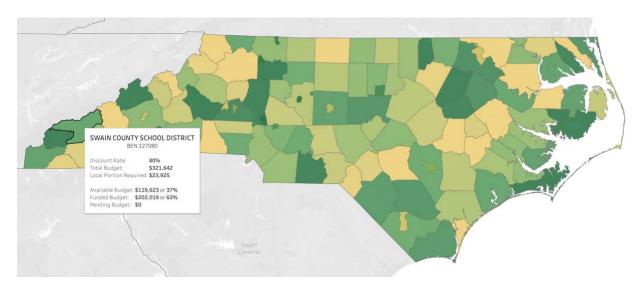


Figure 2. A screenshot of the Category Two budget tracking tool which can help PSUs and the state plan for maximum usage of the E-rate program.

A detailed accounting of Category Two funding for E-rate years 2020 and 2021, which includes calendar years 2020, 2021, and 2022 is provided below. This data is broken out by E-rate discount, which is based on rurality and the percentage of students eligible to participate in NSLP (National School Lunch Program). Pre-discount is the full contract value of the equipment and services. Requested is the portion of the total cost requested from the FCC. Committed is the amount that the FCC agrees to provide. Disbursed is the actual amount that the PSUs received. Sometimes projects require less funding than expected. PSUs can only be reimbursed for actual expenses incurred thus the disbursed amount may be slightly less than what the FCC committed.

		#				
Type	Discount %	Requests	Pre-Discount	Requested	Committed	Disbursed
Charters	20% - 29%	9	\$141,913	\$33,372	\$33,372	\$17,385
	40% - 49%	60	\$1,075,629	\$430,252	\$430,252	\$329,783
	50% - 59%	47	\$871,383	\$435,691	\$435,691	\$402,279
	60% - 69%	13	\$252,800	\$151,680	\$151,680	\$113,529
	70% - 79%	3	\$29,774	\$20,842	\$20,842	\$20,455
	80% - 89%	24	\$442,042	\$370,068	\$370,068	\$318,281
Charters Total		156	\$2,813,540	\$1,441,905	\$1,441,905	\$1,201,712
Districts	50% - 59%	97	\$6,120,818	\$3,060,409	\$3,060,409	\$2,113,906
	60% - 69%	60	\$1,712,091	\$1,027,255	\$1,027,255	\$1,022,449
	70% - 79%	145	\$2,335,373	\$1,634,761	\$1,634,761	\$1,130,042
	80% - 89%	1,491	\$27,550,005	\$22,306,689	\$22,306,689	\$21,883,921
Districts Total		1793	\$37,718,288	\$28,029,114	\$28,029,114	\$26,150,317
Grand Total		1949	\$40,531,828	\$29,471,019	\$29,471,019	\$27,352,030

Table 2A. E-rate Year 2020 Category Two by discount rate.

Туре	Discount %	Number of Requests	Pre-Discount	Requested	Committed	Disbursed
Charters	20% - 29%	11	\$139,069	\$30,133	\$30,133	\$23,386
	40% - 49%	48	\$1,015,500	\$406,200	\$406,200	\$270,562
	50% - 59%	33	\$863,539	\$431,770	\$431,770	\$257,828
	60% - 69%	7	\$143,088	\$85,853	\$85,853	\$22,725
	70% - 79%	4	\$32,927	\$23,049	\$23,049	\$18,984
	80% - 89%	35	\$692,715	\$574,660	\$574,660	\$523,232
Charters Total		138	\$2,886,839	\$1,551,665	\$1,551,665	\$1,116,717
Districts	50% - 59%	53	\$7,758,866	\$3,879,433	\$3,879,433	\$374,525
	60% - 69%	21	\$3,741,547	\$2,244,928	\$2,244,928	\$2,088,831
	70% - 79%	44	\$3,915,672	\$2,740,971	\$2,740,971	\$1,584,085
	80% - 89%	142	\$35,335,298	\$28,749,364	\$28,749,364	\$19,018,040
Districts Total		260	\$50,751,384	\$37,614,697	\$37,614,697	\$23,065,482
Grand Total		398	\$53,638,223	\$39,166,361	\$39,166,361	\$24,182,200

Table 2B. E-rate Year 2021 Category Two by discount rate.

Based on the data provided by the FCC in November 2022, a "best case" scenario would result in \$42 million in state funding or \$14 million per year for the next three years. Herein lies a significant challenge for SCI; allowing local control of the Category Two procurement makes it exceedingly difficult to evenly spread the demand across multiple years. The three-year budget is important because the FCC will reevaluate the Category Two program and reset the budgets in 2026. The original budget in 2015 was \$150 per student. In 2021 the budget was adjusted to \$167 per student, over a 5-year period. On average, the E-rate discount is 74% across the state.

The Friday Institute closely monitors the usage and produces the dashboard mentioned above annually. As seen in the tables above, the total contract value for Category Two increased by \$13 million or 32% year over year. This is due to pent-up demand following COVID. Preliminary data for E-rate Year 2022, which is the current cycle, shows \$48 million in total contract value with SCI expected to provide \$12.5 million of that amount.

E-rate Ineligible Expenses Detail

While most SCI expenses are leveraged against E-rate, there are several items that are not E-rate eligible:

 Firewall Services: PSUs may opt-in to the SCI firewall service offered at no charge to the PSUs through a contract with NCDIT. This firewall service enforces network policies designed to protect school networks. In SFY22, 86

- LEAs and 131 charters utilize this service at a cost of \$2.4 million in state funding.
- Content Filtering Services: PSUs may opt-in to the SCI Content Filtering Service offered at no charge to the PSU through a contract with NCDIT. Each PSU's acceptable use policy is enforced on school-issued student devices regardless of the device's location on or off campus. This type of filtering is required by E-rate and the Children's Internet Protection Act¹⁸ but is not E-rate eligible. Currently, NCDIT is billing NCDPI for 89 districts and 136 charters for this service at a cost of \$4.3 million in state funding. Costs remain the same as last year.
- Identity and Access Management (IAM): The 2015 appropriations act expanded the SCI budget by \$12M annually effective SFY2017 and included IAM services. Processing logins for every student and staff member daily, IAM automates the provisioning and management of accounts for every student and school employee, over 1.7 million accounts. Integration of those accounts with cloud-based applications and services allows for more consistent security across applications and across PSUs. NCDPI manages the NCEdCloud IAM service through a contract with an identity services provider at an annual cost of \$1.5M.
- Client Network Engineering (CNE): Network infrastructure requires knowledge and skill to deliver reliable and secure access. PSUs are responsible for technology planning and the daily operation and maintenance of their infrastructure, but they need assistance at times. SCI contracts with MCNC to assist PSUs with high-level troubleshooting, network design consultation, and related training events through its CNE team. For SFY22, CNE directly supported 140 PSUs with 329 specific engagements. SCI is invoiced quarterly for services provided by MCNC and the actual expenses incurred for each PSU engagement at a cost not-to-exceed \$1.8M annually.
- Program Administration: Program administration includes SCI staff salaries and operational costs, licenses, and contracts with E-rate consulting firms and the Friday Institute. For most of SFY21 and SFY22, five, regionally based NCDPI staff members provided technical consulting, E-rate training, and related support at a combined compensation and benefit expense of \$701,922. A Friday Institute contract provides for strategic planning, design, forecasting, modeling, and documentation support at an annual budget of up to \$280,000, billed monthly based on actual effort. Total Program Administration costs are less than 1% of the total value delivered to PSUs and less than 3% of State appropriations for the program.

K12 Internet Utilization and Capacity Analysis

The following diagrams are available in an interactive dashboard at https://go.ncsu.edu/SCIreport

NCREN provides for bulk purchase of Internet for all K-12 schools. NCREN peers with several major commercial carriers as well as Internet2. North Carolina schools all receive excellent Internet access, no matter how remote. By combining the purchasing power of the entire state, the cost is spread out among all the schools, enabling even the most remote or economically disadvantaged schools to have the same quality Internet access as the most urban or wealthy schools.

Between May 2020 and May 2022, contracted bandwidth increased from 320 Gbps to 420 Gbps. As of November 2022, the total contracted bandwidth is 450 Gbps. Contracted bandwidth represents the maximum sustainable transmission rate between all K-12 schools, in aggregate, and the public Internet. The average daily usage is significantly below the peak. This is because the network must be prepared to handle high utilization spikes, such as may be seen during end-of-grade testing. By aggregating the access across all PSUs, the amount of capacity required per student is lowered as compared to the network design in which each PSU connects to the Internet separately. This is because the likelihood that all PSUs will be at peak capacity on the same day is extremely low. This allows SCI to procure reasonable, and enough bandwidth, while giving each PSU the appearance of having unlimited capacity.

Note that the data represented in the graph below is only downstream, from the Internet to the school; a similar graph for upstream traffic also exists. Per common industry practice, the highest 5% of usage readings have been discarded. This ensures that MCNC is not aggressively billing based on transient spikes but rather the long-term average based on the lowest 95% of the usage readings, taken only during weekdays from 7 AM. to 5 PM.

The graph below clearly shows the impact of the return from COVID. Summers are excluded from this data.

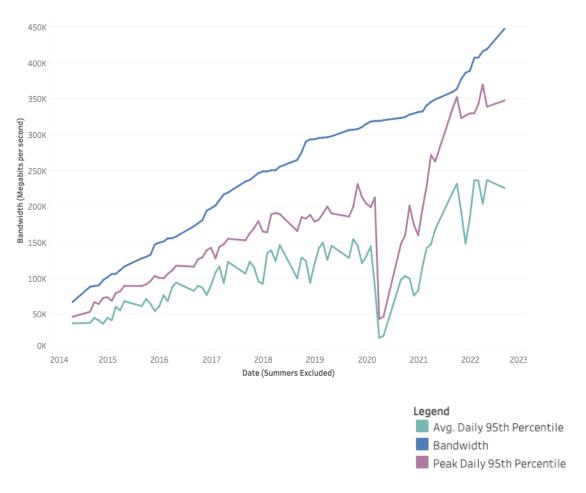


Figure 3: Statewide Contracted Bandwidth, Peak, and Average Utilization for all PSUs using NCREN.

As the pandemic waned, students returned to schools with thousands of new student devices creating increased demand. It is likely that many schools that were not fully engaged in digital teaching and learning prior to the pandemic will have, by necessity, embraced it and will continue to use digital teaching techniques henceforth. We will continue to use the previous rate of a 10% capacity increase per year for budgeting. Despite a massive increase in bandwidth capacity over the last ten years, the actual cost of the Internet has remained fairly flat. One key point of distinction is that the aggregated Internet cost of NCREN includes not only peering with the public Internet providers, but also the cost of circuits from the various PSUs to the NCREN backbone.

The following diagram shows the growth of district contracted bandwidth, color-coded by circuit speed. The green portions of the bars represent the circuits at 250 Mbps, while the blue bars represent the 30 and 40 Gbps circuits. There are 14 unique capacity levels in use across LEAs on NCREN. This granular billing ensures that schools are only being charged for their actual need and helps conserve SCI funding. Over time, slower-speed circuits are migrated to higher-speed circuits, as demand dictates.

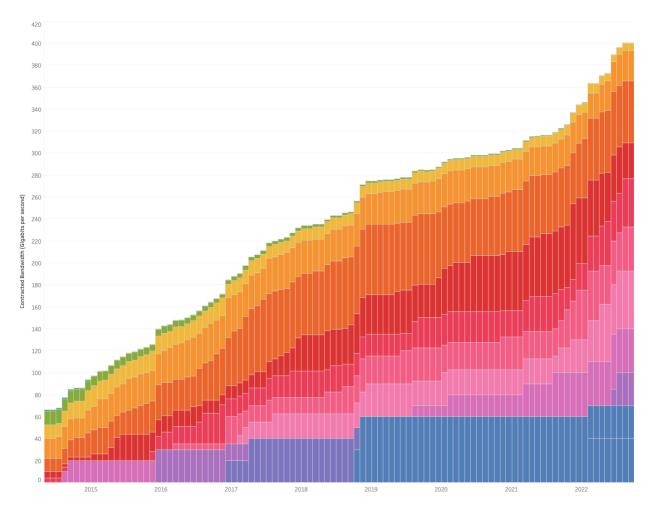


Figure 4: Aggregate Contracted Bandwidth 2015 through 2022, districts only.

The following diagram shows the relationship between district size and peak Internet utilization. The size of the LEA, along the x-axis, is logarithmic in scale to spread out the data for better readability. This graph shows that the larger the LEA, the lower the peak utilization. Larger districts typically have more variety in activities that may or may not require the internet at the same time. Larger districts also typically have staggered school schedules. Contrasted with smaller districts, where there is a higher likelihood that all students are in class at the same time, the utilization is spread across a smaller number of hours in the school day.

The graph is color-coded by circuit speed. Rural districts are represented with open circles while urban districts are represented with filled circles. While rural districts tend to be smaller, the graph shows there is not a particular bias for rural districts to have slower connections than urban ones. In fact, all districts with the highest perstudent use are rural. This is probably because students at these schools are most likely to not have internet access at home, thus they rely on the school internet

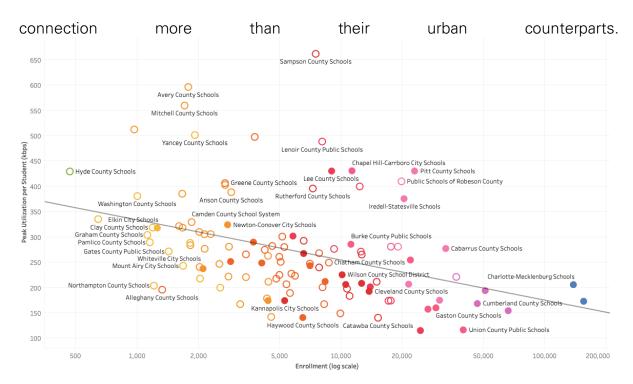


Figure 5: Peak Per-Student Utilization versus school size, color-coded by contracted bandwidth. May 2022, districts only. Open circles are rural districts, while filled circles are urban.

The gradient of color shows that the contracted bandwidth generally increases with the number of students in the district. The y-axis is measured in kilobits per second, per student. One megabit is 1,000 kilobits. This graph normalizes the usage on a perstudent basis allowing for a more accurate comparison between PSUs.

Equity in Access

The final graph related to utilization and capacity is a high point for North Carolina and the School Connectivity Initiative. The x-axis shows the percentage of students eligible to participate in the National School Lunch Program and the y-axis shows the average utilization per student. The graph is color-coded by cost per Mbps.

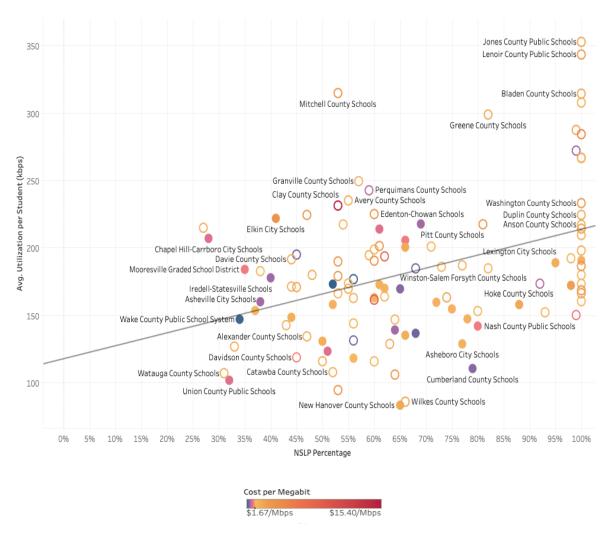


Figure 6: Average Per-Student Utilization versus NSLP% by District, color-coded by cost per Mbps (May 2022)

There is no correlation between district wealth level and utilization. This implies there is no bias in the way Internet access is provided to the PSUs by the SCI program.

Also apparent is the value of procuring Internet access centrally by NCDPI. The cost per Mbps varies widely in the state, because of geography, topology, and service provider used for the circuit from the PSU to the NCREN backbone. By aggregating the purchasing power and procuring Internet centrally, at the state level, districts located in difficult-to-service areas are not disadvantaged compared to those in locations with multiple service providers and competition.

Readers are encouraged to visit https://go.ncsu.edu/SCIReport to view the interactive version of Figure 5 for more details. All PSUs, including charter schools, are shown in the interactive dashboard on the website.

Cost Containment

A per-student capacity goal of 1 Mbps per student has been proposed by some national coalitions and the FCC. On the contrary, SCI employs a capacity management process based upon data-driven predictions and demonstrated need through continuous utilization monitoring. This has proven to be a much more efficient and cost-effective approach than simply using an arbitrary Mbps per student target.

Considerations and Recommendations for 2023

Improve SCI Allocation Flexibility

Issue: The federal E-rate cycle spans 18 months. PSU's make requests in March and may not be approved by the FCC until June. PSUs must then wait for SCI funds to come in August (at the earliest due to OSBM and agency annual budget certification) before placing orders with vendors. In 2016, the FCC delay was so significant that in SL2017-57 SECTION 7.11.(d), the legislature provided relief over the 2017-19 fiscal biennium to permit these funds to remain available until the end of the 2018-19 fiscal year. Over those two years, approximately \$2M was able to "roll over" into the next fiscal year, enabling SCI to continue fully funding approved requests. However, this relief has expired.

While the FCC has made improvements, delays still exist. Further, vendors are experiencing supply chain issues that are causing significant delays. While the FCC has extended some deadlines for product installation, the state fiscal year does not accommodate these delays. If the PSU cannot receive the products in time, they experience financial challenges in managing state and local funds to not lose funding. This creates significant opportunity for audit exceptions and lack of transparency.

SCI provides PSUs allocations shortly after receiving E- rate commitments, the amount of which is based on project quotes and are highly accurate. However, these allocations must be consumed by the end of the next June, or they will revert.

Appendix C of this report details the history of E-rate funding in North Carolina. It is indeed apparent that funding requests are variable from year to year with DPI having little control over funding sought, the cost of WAN circuits, or the ability to influence the speed at which the FCC (USAC) processes applications.

Recommendation: SCI recommends the legislature renew the intent of SL2017-57 SECTION 7.11.(d) on a recurring basis to prevent these funds from reverting.

Technology Deficit Created by the FCC Emergency Connectivity Fund (ECF)

Issue: Throughout 2021 and 2022, North Carolina public schools utilized the FCC ECF program. This program was a one-time extension of the E-rate program, with substantially different rules than are normally used. The program was funded by a one-time Congressional appropriation rather than Universal Service Fund fees used to cover the costs of E-rate.

The Friday Institute has analyzed the ECF data on a nationwide basis and developed an interactive dashboard: https://go.ncsu.edu/nationwideECF

From this analysis we have discovered that NC public schools will receive approximately \$186 million of one-time funding from this program. Of that, approximately \$149 million will be used to procure laptops and tablets. Unlike normal E-rate funds, ECF can be used for student devices, and NC schools have taken advantage of this fact. However, this is one-time funding and in three or so years when the ECF-funded laptops begin to fail, they will need to be replaced. With COVID there was an accelerated move to digital resources and as such the state needs to plan for the sustainable use of digital teaching and learning.

Recommendation: Form a team comprised of DPI, PSUs, Fiscal Research, the Friday Institute, and other technology and policy experts to devise potential funding models, cooperative purchasing agreements, and best practices for PSUs to enable sustainable digital teaching and learning.

Supporting Documentation

An interactive dashboard that illustrates PSU Internet utilization, as well as statistics about the costs of E-rate-related services, may be found at:

http://go.ncsu.edu/SCIReport

An interactive map showing Internet utilization may be found at:

https://portal.mcnc.org/reporting/ncren_utilization_map

An interactive data dashboard of for Category Two budgets and ECF may be found at:

https://go.ncsu.edu/2023cat2budgets

https://go.ncsu.edu/nationwideecf

The balance of this report includes supporting data as follows.

APPENDIX	DATA
А	2020 and 2021 LEA PRC 073 allotments and shared services distributions
В	2020 and 2021 Charter School PRC 036 allotments and shared services distributions
С	North Carolina E-rate Funding History Report

Appendix A: 2020 and 2021 LEA Allotments and Shared Services

Presented below are details of the direct funding received by districts from SCI through PRC 073 allocations and the direct costs paid by SCI for each shared service (Content Filtering, Firewall, and Internet services) for SFY21 and SFY22. Districts request E-rate funds for WAN and Wi-Fi during spring for service/delivery within the funding year between July 1 and June 30. SCI issues allocations during each fiscal year to cover the costs for eligible expenses that E-rate does not.

PSU	PSU Name	District WAN	Category 2 Wi-Fi	Content Filtering	Firewall	Internet	Total
10	Alamance-Burlington Schools	51,675	270,959	73,226	35,530	175,604	606,994
20	Alexander County Schools	28,496	71,498	21,008	9,946	39,989	99,994
30	Alleghany County Schools	17,280	11,447			44,607	28,727
40	Anson County Schools	19,890	13,422			39,989	33,312
50	Ashe County Schools	22,080	19,521		9,946	39,989	41,601
60	Avery County Schools	14,760	1,562	21,008	9,946	39,989	16,322
70	Beaufort County Schools	13,987	14,766	34,319		64,775	28,753
80	Bertie County Schools	11,849		21,008	9,946	39,989	11,849
90	Bladen County Schools	37,261	18,019	38,414	20,211	96,279	55,280
100	Brunswick County Schools	85,618	62,918			114,209	148,536
110	Buncombe County Schools	106,920	361,517	53,960		125,922	468,437
111	Asheville City Schools	52,860	79,965	23,716		56,231	132,825
120	Burke County Schools	73,416	177,718	55,820	35,530	104,334	251,134
130	Cabarrus County Schools	128,102	238,940	100,666	35,508	168,579	367,042
132	Kannapolis City Schools	11,708	39,650	55,820	20,211	104,334	51,358
140	Caldwell County Schools	80,425	96,292		20,211	71,789	176,717
150	Camden County Schools	20,495	24,861	12,307	9,946	27,416	45,356
160	Carteret County Public Schools	33,934	29,811	38,414	20,211	78,825	63,745
170	Caswell County	10,036		12,307	9,946	27,416	10,036

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Schools 22,342 2,954 12,307 9,946 27,416 25,296 Schools	360		90.221				187,441	90,221
370 Gates County 22,342 2,954 12,307 9,946 27,416 25,296 Schools			·					,
Schools	370		22,342	2,954	12,307	9,946	27,416	25,296
		·			-	·	,	·
	380		3,000	9,340	7,955	4,800	18,856	12,340

	Schools						
390	Granville County Schools	25,543	74,639	55,820	20,211	104,334	100,182
400	Greene County Schools	12,336	4,567	21,008	9,946	46,343	16,903
410	Guilford County Schools	327,718	516,702	144,020		271,334	844,420
420	Halifax County Schools	10,112	5,460	21,008		46,343	15,572
421	Roanoke Rapids City Schools	12,480		12,307	9,946	27,416	12,480
422	Weldon City Schools	5,700		7,955	4,895	18,817	5,700
430	Harnett County Schools	91,020	151,074	73,226	35,530	175,213	242,094
440	Haywood County Schools	28,274	39,873			200,384	68,147
450	Henderson County Schools	42,372	77,059	42,302		104,334	119,431
460	Hertford County Schools	7,865	15,303	12,307	9,946	27,416	23,168
470	Hoke County Schools	20,932	65,613	38,414	20,211	90,522	86,545
480	Hyde County Schools	2,889	4,537	7,955	4,895	18,817	7,426
490	Iredell-Statesville Schools	447,664	83,590	134,152	65,701	213,634	531,254
491	Mooresville Graded School District	10,445	123,457	38,414	20,211	71,789	133,902
500	Jackson County Schools	17,700	30,081			39,989	47,781
510	Johnston County Schools	238,680	236,467		65,268	464,696	475,147
520	Jones County Schools	3,540			9,888	27,895	3,540
530	Lee County Schools	65,304	81,523	46,372	20,211	97,403	146,827
540	Lenoir County Public Schools	29,898	12,250			175,213	42,148
550	Lincoln County Schools	78,964	192,905		-766	76,730	271,869
560	Macon County Schools	64,500	36,248			114,396	100,748
570	Madison County Schools	13,440	26,065	21,008	9,888	42,653	39,505
580	Martin County Schools	13,604		12,307	9,946	27,416	13,604
590	McDowell County Schools	42,828			20,211	71,303	42,828
600	Charlotte- Mecklenburg Schools	221,011	468,116	525,781		770,084	689,127
610	Mitchell County	20,112	15,022	15,096	9,946	41,333	35,134

	Schools						
620	Montgomery County Schools	57,974	34,495		9,946	46,343	92,469
630	Moore County Schools	225,035	117,569	55,820		107,963	342,604
640	Nash-Rocky Mount Schools	78,971	98,330	55,820	35,530	104,334	177,301
650	New Hanover County Schools	103,021			35,530	152,995	103,021
660	Northampton County Schools	10,272		12,307	9,946	27,416	10,272
670	Onslow County Schools	102,492	182,466	73,226	35,508	129,873	284,958
680	Orange County Schools	48,220	76,072	38,414	20,211	82,145	124,292
681	Chapel Hill-Carrboro City Schools	42,281	214,830	55,820	35,530	104,334	257,111
690	Pamlico County Schools	10,000	2,669			19,188	12,669
700	Elizabeth City- Pasquotank Public Schools	30,944	33,436	38,414	20,211	71,789	64,380
710	Pender County Schools	53,769		38,414		119,519	53,769
720	Perquimans County Schools	12,583	14,927	12,307	9,946	27,416	27,510
730	Person County Schools	27,848	48,026	38,414	20,211	71,789	75,874
740	Pitt County Schools	279,925	261,541	90,631	35,530	155,708	541,466
750	Polk County Schools	10,706	13,718		9,946	27,416	24,424
760	Randolph County Schools	108,511	88,592	38,414	20,211	71,789	197,103
761	Asheboro City Schools	13,546	27,514	21,008	9,946	39,391	41,060
770	Richmond County Schools	26,471	28,812	38,414	20,211	71,789	55,283
780	Public Schools of Robeson County	45,273	106,248	90,631	35,530	152,332	151,521
790	Rockingham County Schools	40,982	128,856	55,820	35,530	109,426	169,838
800	Rowan-Salisbury Schools	145,458	69,231			175,604	214,689
810	Rutherford County Schools	15,912	51,884	55,820	35,530	104,334	67,796
820	Sampson County Schools	31,458	48,038	38,414	20,211	90,522	79,496
821	Clinton City Schools	8,850	9,890		9,946	46,343	18,740
830	Scotland County Schools	33,846	56,687		20,211	71,789	90,533
840	Stanly County Schools	118,598	62,883		20,211	82,145	181,481

850	Stokes County Schools	27,862	38,037	21,008	9,946	39,989	65,899
860	Surry County Schools	53,841	68,163	38,414	20,211	71,789	122,004
861	Elkin City Schools	7,000	16,094		9,888	30,767	23,094
862	Mount Airy City Schools	16,668	12,106	12,307	9,946	27,416	28,774
870	Swain County Schools	15,000				39,989	15,000
880	Transylvania County Schools	20,052	47,345	21,008	9,946	39,989	67,397
890	Tyrrell County Schools	3,000	4,833		4,895	18,817	7,833
900	Union County Public Schools	489,216	663,293			155,708	1,152,509
910	Vance County Schools	23,921	20,698	38,414	20,211	71,789	44,619
920	Wake County Schools	663,612	2,102,322			762,084	2,765,934
930	Warren County Schools	27,841	15,469	21,008	9,946	39,989	43,310
940	Washington County Schools	9,530		12,307	9,888	27,416	9,530
950	Watauga County Schools	39,240	43,271	21,008	9,888	39,989	82,511
960	Wayne County Public Schools	42,869			35,508	137,027	42,869
970	Wilkes County Schools	44,760	30,363	38,414		90,522	75,123
980	Wilson County Schools	38,640	47,618	38,414	20,211	71,789	86,258
990	Yadkin County Schools	22,687	34,203	21,008	9,946	49,933	56,890
995	Yancey County Schools	17,985		12,307	9,946	27,416	17,985
	Grand Totals	\$6,900,443	\$9,750,779	\$3,698,507	\$1,670,476	\$11,198,883	\$16,935,582

Table 3A: SCI Funding to LEAs Through PRC073 and for shared services, SFY21

PSU ID	PSU Name	District WAN	Category 2 Wi-Fi	Content Filtering	Firewall	Internet	Total
10	Alamance-Burlington Schools	51,676	164,983	65,442	34,550	164,116	480,767
20	Alexander County Schools	34,453	17,788	17,368	9,064	35,775	114,448
30	Alleghany County Schools	21,960	31,783			63,453	117,196
40	Anson County Schools	17,381	37,135	7,675		35,775	97,966
50	Ashe County Schools	22,080		7,675	9,064	35,775	74,594
60	Avery County Schools	14,760	16,638	14,137	9,064	35,775	90,374
70	Beaufort County Schools	13,987	54,187	19,123		55,845	143,142

80	Bertie County Schools	17,322		17,368	9,064	35,775	79,529
90	Bladen County Schools	37,261		31,759	17,974	83,796	170,790
100	Brunswick County	82,690	110,193	22,939	17,071	105,740	321,562
	Schools	,	, , ,	,		- 1,	, , , , ,
110	Buncombe County	106,920	334,362	33,115		133,920	608,317
	Schools						
111	Asheville City Schools	52,860		23,338		63,453	139,651
120	Burke County Schools	73,416		56,326	32,549	106,260	268,551
130	Cabarrus County Schools	159,881	726,598	110,911	32,549	184,659	1,214,598
132	Kannapolis City Schools	18,749	57,480	46,150	17,974	92,148	232,501
140	Caldwell County Schools	57,060	121,601		27,249	79,686	285,596
150	Camden County Schools	21,161		14,623	9,064	31,961	76,809
160	Carteret County Public Schools	65,964	119,482	31,759	17,974	63,453	298,632
170	Caswell County Schools	10,036	2,612	13,987	9,064	31,114	66,813
180	Catawba County Schools	96,048	485,779			92,148	673,975
181	Hickory City Schools	49,236				78,930	128,166
182	Newton Conover City Schools	7,300	31,747	17,368	9,064	35,775	101,254
190	Chatham County Schools	37,512	253,727	31,759	17,974	81,906	422,878
200	Cherokee County Schools		57,092	17,368	9,064	101,475	184,999
210	Edenton-Chowan Schools	12,840		10,171	9,064	25,185	57,260
220	Clay County Schools	10,800	1,630	1,798		92,961	107,189
230	Cleveland County Schools	24,300		46,150	19,299	92,148	181,897
240	Columbus County Schools	20,912	96,596	22,456	13,924	44,695	198,583
241	Whiteville City Schools	3,000	2,815	10,089		35,775	51,679
250	Craven County Schools	10,000	180,892	46,150	32,549	92,148	361,739
260	Cumberland County Schools	150,521		117,819	59,829	195,366	523,535
270	Currituck County Schools	41,773	17,861	17,368	9,064	35,775	121,841
280	Dare County Schools	38,753	38,247	31,759	17,974	57,453	184,186
290	Davidson County Schools	72,785	60,776	51,238	20,006	103,436	308,241
291	Lexington City Schools	5,425	82,616	19,912	13,924	50,034	171,911
292	Thomasville City Schools	3,698	24,404	10,807	9,064	29,715	77,688
300	Davie County Schools	16,307	111,991	31,759	17,974	73,506	251,537
310	Duplin County Schools	105,792	57,211	47,422	20,624	123,948	354,997

320	Durham Public Schools	19,529	74,299	96,157	52,389	166,383	408,757
330	Edgecombe County	116,039	74,200	31,759	17,974	63,453	229,225
330	Public Schools	110,033		31,733	17,574	03,433	220,220
340	Winston Salem/Forsyth	38,777	376,697			236,823	652,297
0.10	County Schools	00,777	070,007			200,020	002,207
350	Franklin County	90,221	11,362	38,119	29,203	82,871	251,776
000	Schools	00,221	11,002	00,110	20,200	02,071	201,770
360	Gaston County Schools	22,342	123,313			143,851	289,506
370	Gates County Schools	3,000	2,964	10,171	9,064	25,185	50,384
380	Graham County	75,447	39,816	8,482	4,400	21,889	150,034
000	Schools	, 0, 11,	00,010	0, 102	1, 100	21,000	100,001
390	Granville County	12,336	86,347	46,150	17,974	92,148	254,955
	Schools	,	22,2	,	,	5_,	
400	Greene County	253,713	7,453	22,456	17,337	54,946	355,905
	Schools	,	ŕ	,	ŕ	,	,
410	Guilford County	10,112	261,367	146,887		228,531	646,897
	Schools	·	,			·	·
420	Halifax County Schools	12,480	5,337	17,368		41,922	77,107
421	Roanoke Rapids City	5,700		10,171	9,064	25,185	50,120
	Schools						
422	Weldon City Schools	91,020		8,800	7,368	22,502	129,690
430	Harnett County	28,274	175,885	74,533	37,509	190,525	506,726
	Schools						
440	Haywood County	42,372				218,922	261,294
	Schools						
450	Henderson County	7,865	420,804			92,148	520,817
	Schools						
460	Hertford County	20,932	11,167	13,987	9,064	31,114	86,264
	Schools						
470	Hoke County Schools	3,367	18,868	31,759	17,974	81,906	153,874
480	Hyde County Schools	446,380	14,774	6,574	4,400	17,598	489,726
490	Iredell-Statesville	10,445	634,185	71,699	59,829	184,659	960,817
	Schools						
491	Mooresville Graded	17,700		44,479	20,624	87,812	170,615
	School District						
500	Jackson County	246,570				42,465	289,035
	Schools						
510	Johnston County	3,788	304,202		59,829	292,281	660,100
=00	Schools	05.004			2 224	20.775	101 110
520	Jones County Schools	65,304	40.475	00 = 11	9,064	26,775	101,143
530	Lee County Schools	29,898	13,176	60,541	17,974	113,904	235,493
540	Lenoir County Public	70,108	1,921	5,351		161,855	239,235
	Schools Schools	04 500	01.000			00.140	0.47.007
550	Lincoln County Schools	64,500	91,289			92,148	247,937
560	Macon County Schools	12,240	11,380	17.000	0.004	110,163	133,783
570	Madison County	12,538	127,192	17,368	9,064	38,223	204,385
E00	Schools Martin County Schools	40.000	15 101	10 171	0.004	0E 10E	100 070
580	Martin County Schools	42,828	15,131	10,171	9,064	25,185	102,379
590	McDowell County	226,757	24,600		17,974	62,634	331,965
	Schools						

600	Charlotte-Mecklenburg Schools	20,112	1,259,633	485,574		702,989	2,468,308
610	Mitchell County Schools	35,901		17,368	9,064	52,482	114,815
620	Montgomery County Schools	191,548			9,064	41,922	242,534
630	Moore County Schools	78,971	587,156	46,150		92,148	804,425
640	Nash-Rocky Mount	103,021	337,541	48,694	32,549	95,636	617,441
	Schools	,	,	,	,	,	,
650	New Hanover County Schools	10,272			32,549	147,928	190,749
660	Northampton County Schools	105,072		10,171	9,064	25,185	149,492
670	Onslow County Schools	48,220	196,246	65,629	32,549	121,040	463,684
680	Orange County Schools	36,022	231,078	31,759	17,974	73,506	390,339
681	Chapel Hill-Carrboro City Schools	10,000	772,766	65,648	32,549	121,686	1,002,649
690	Pamlico County Schools	30,944	22,790			25,437	79,171
700	Elizabeth City- Pasquotank Public Schools	46,070		31,759	17,974	63,453	159,256
710	Pender County Schools	12,583	92,998	26,145		110,982	242,708
720	Perquimans County Schools	24,518	39,726	10,171	9,064	25,185	108,664
730	Person County Schools	279,925	19,783	31,759	17,974	63,453	412,894
740	Pitt County Schools	10,598	182,278	90,832	49,492	155,485	488,685
750	Polk County Schools				9,064	25,185	34,249
760	Randolph County Schools	9,977	172,581	32,737	19,299	65,145	299,739
761	Asheboro City Schools	26,090	14,312	17,368	9,064	35,775	102,609
770	Richmond County Schools	42,633		49,572	24,425	75,048	191,678
780	Public Schools of Robeson County	41,869		71,489	32,549	143,851	289,758
790	Rockingham County Schools	129,341		46,150	32,549	96,852	304,892
800	Rowan-Salisbury Schools	15,912	36,763			163,043	215,718
810	Rutherford County Schools	31,458	88,563	46,150	32,549	92,148	290,868
820	Sampson County Schools	8,850	105,886	39,391	17,974	104,327	276,428
821	Clinton City Schools	33,846	29,225	15,350	9,064	41,922	129,407
830	Scotland County		7,037		17,974	63,453	88,464
	Schools						
840	Stanly County Schools	27,862	12,673	5,614	17,974	65,964	130,087
850	Stokes County Schools	36,401		22,456	9,064	44,695	112,616
860	Surry County Schools	7,000	97,852	31,759	17,974	63,453	218,038

861	Elkin City Schools	16,668	40,944		9,064	28,317	94,993
862	Mount Airy City Schools	15,000	53,267	10,171	9,064	25,185	112,687
870	Swain County Schools	20,052				35,775	55,827
880	Transylvania County Schools	3,000	3,529	17,368	9,064	35,775	68,736
890	Tyrrell County Schools	496,713			4,400	17,598	518,711
900	Union County Public Schools	24,265	128,552			136,095	288,912
910	Vance County Schools	683,454	140,112	28,952	17,974	63,453	933,945
920	Wake County Schools	25,521	2,978,116			641,601	3,645,238
930	Warren County Schools	7,495	15,833	17,368	9,064	35,775	85,535
940	Washington County Schools	39,240		10,171	9,064	25,185	83,660
950	Watauga County Schools	42,869	10,600	17,368	9,064	35,775	115,676
960	Wayne County Public Schools	44,760			32,549	104,356	181,665
970	Wilkes County Schools	38,640	79,728	26,145		81,906	226,419
980	Wilson County Schools	22,687		38,119	39,803	75,048	175,657
990	Yadkin County Schools	14,347	134,433	17,368	13,924	45,522	225,594
995	Yancey County Schools			10,171	9,064	25,185	44,420
	Totals	\$6,638,928	\$14,043,756	\$3,370,966	\$1,643,229	\$10,368,792	\$36,065,671

Table 3B: SCI Funding to LEAs Through PRC073 and for shared services, SFY22

Appendix B: 2019 Charter/Residential/Lab School Allotments and Shared Services

Presented below are the details of direct funding received by Charter/Residential/Lab Schools from SCI through PRC 036 allocations and the direct costs paid by SCI for each shared service (Content Filtering, Firewall, and Internet services).

Charter schools may choose to receive a \$5,000 allotment in lieu of connecting to NCREN for Internet service. Charters request E-rate funds for WAN and Wi-Fi during spring for service/delivery within the funding year between July 1 and June 30. SCI issues allocations during each fiscal year to cover the costs for eligible expenses that E-rate does not.

PSU ID	PSU Name	WAN	Category 2 Wi-Fi	Content Filtering	Firewall	Internet	Total
01B	River Mill Academy			7,955	4,800	20,698	33,453
01C	Clover Garden		23,878			13,102	36,980
01D	The Hawbridge			7,955	4,895	22,664	35,514

	School						
01F	Alamance		54,199				54,199
	Community School						
06B	Williams Academy			7,955	4,895	22,664	35,514
	(Crossnore)						
07A	Washington					10,183	10,183
22.4	Montessori			0.054	1.000	0.000	10.010
09A	Paul R Brown			3,954	4,800	9,886	18,640
09B	Leadership Academy Emereau: Bladen		20 000			12 275	42 162
10A	Charter Day School		28,888 10,345	8,747	4,800	13,275 28,300	42,163 52,192
10A	South Brunswick		10,545	5,992	8,000	21,399	35,391
100	Charter School			3,332	0,000	21,000	33,331
11A	Evergreen					22,664	22,664
	Community Charter					,	,
11B	ArtSpace Charter		9,532	4,472	4,895	11,025	29,924
11C	Invest Collegiate -		3,432			22,664	26,096
	Imagine						
11D	The Franklin School		12,279	7,967	9,888	22,864	52,998
4.416	of Innovation			4 470	1.005	44.050	00.404
11K	Francine Delany New			4,479	4,895	11,050	20,424
12A	School The New Dimensions			4,898	4,800	12,044	21,742
IZA	School			4,030	4,600	12,044	21,742
13A	Carolina International		42,278			18,939	61,217
10/1	School		12,270			10,000	01,217
13B	Cabarrus Charter	5,000					5,000
	Academy						
13C	A.C.E. Academy		8,453	6,179	4,800	15,780	35,212
13D	Concord Lake	5,000					5,000
	STEAM Academy						
16B	Tiller School	5,000	0.000	5 504	4.000	10.101	5,000
19A	Chatham Charter		6,333	5,504	4,800	12,161	28,798
19B	Woods Charter School			7,955	4,895	22,664	35,514
19C	Willow Oak			3,954	4,800	9,886	18,640
100	Montessori			3,354	4,000	3,000	10,040
20A	The Learning Center			4,472	4,800	18,708	27,980
23A	Pinnacle Classical	6,732			,	22,664	29,396
	Academy	·				,	·
24B	Thomas Academy	5,000					5,000
24N	Columbus Charter		2,750	4,953	5,200	12,065	24,968
	School						
26B	Alpha Academy			2,618		11,966	14,584
26C	The Capitol Encore			4,940	4,800	10,995	20,735
271	Academy			2 770	1 017	0.460	14 150
27A	Water's Edge Village School			3,778	1,917	8,463	14,158
296	Eastern NC School			5,342	4,895	11,420	21,657
200	for the Deaf			5,042	4,000	11,720	21,007
297	North Carolina School			5,342	4,895	13,102	23,339

	for the Deaf						
298	Governor Morehead			5,285	4,895	12,801	22,981
290	School			5,265	4,090	12,001	22,301
20.4	Davidson Charter		12 202	4 F10	4 900	11 10/	22 045
29A			12,392	4,519	4,800	11,134	32,845
00.4	Academy: CFA		4.074	7.055		22.222	00.004
32A	Maureen Joy Charter		4,971	7,955	0.550	20,698	33,624
32B	Healthy Start			7,955	9,559	20,698	38,212
_	Academy						
32C	Carter Community			5,342		12,934	18,276
	Charter						
32D	Kestrel Heights	15,778	10,110			20,698	46,586
	School						
32H	Research Triangle	5,000					5,000
	Charter						
32K	Central Park School	12,840	13,704	8,251	4,800	21,562	61,157
	For Children						
32L	Voyager Academy			12,307	9,946	30,767	53,020
32M	Global Scholars		1,549	5,342	4,895	12,934	24,720
02111	Academy		1,010	0,012	1,000	12,001	21,720
32N	Research Triangle			12,307	9,946	27,383	49,636
0211	High School			12,507	5,540	27,000	+3,000
32P	The Institute for the		565	4,519	4,800	11,134	21,018
327			505	4,519	4,000	11,134	21,010
000	Development of You			4 470	4.005	11.007	00.404
32Q	Reaching All Minds			4,472	4,895	11,037	20,404
	Academy						
32R	Excelsior Classical			5,013	4,800	12,540	22,353
	Academy						
32S	KIPP Durham College			5,342	4,800	12,934	23,076
	Preparatory						
32T	Discovery Charter			5,235	4,800	13,342	23,377
33A	North East Carolina		1,889	7,955		18,512	28,356
	Preparatory School						
34B	Quality Education		2,702	5,504	4,800	13,717	26,723
	Academy						
34D	Carter G Woodson		254	4,732	4,895	11,909	21,790
	School						
34F	Forsyth Academy	5,000					5,000
34G	Arts Based School	5,000					5,000
34H	The North Carolina	2,220	36,371	7,955	4,800	22,664	71,790
3	Leadership Academy		20,0.1	. , 5 5 5	.,000	,	.,, 50
35A	Crosscreek Charter	5,806	4,531				10,337
00/	School	3,000	٦,٥٥١				10,007
35B	Youngsville Academy	5,000					5,000
36B	Piedmont	13,297	27,869	10,087	9,983	25,633	86,869
SUD	Community Charter	13,29/	27,809	10,087	<i>স,</i> স্বচ্	20,033	00,809
200				10.007	0.040	22.002	EC 005
36C	Mountain Island			12,307	9,946	33,982	56,235
0.55	Charter			0.5-		0 ===	10 = 55
36F	Ridgeview Charter			3,954		9,779	13,733
	School						
36G	Team CFA -		10,225	3,954		9,779	23,958
	Community Public						

	Charter						
39A	Falls Lake Academy		12,856			20,698	33,554
39B	Oxford Preparatory High School		34,798		4,800	18,512	58,110
41B	Greensboro Academy	5,000					5,000
41C	Guilford Preparatory Academy	1,076	570	4,472	4,800	11,025	21,943
41D	Phoenix Academy Inc	22,572	2,666	4,634		11,378	41,250
41F	Triad Math and Science Academy			7,955	4,895	22,664	35,514
41G	Cornerstone Charter Academy		75,668	6,623	9,888	17,814	109,993
41H	The College Preparatory and Leadership A			5,342	4,895	12,934	23,171
41J	Summerfield Charter Academy	5,000					5,000
41K	Piedmont Classical High School			7,955	4,895	20,698	33,548
41L	Gate City Charter Academy	5,000					5,000
41M	Next Generation Academy					10,226	10,226
41N	The Experiential School of Greensboro			3,954	4,800	9,779	18,533
410	Revolution Academy		31,144				31,144
42A	KIPP Halifax College Preparatory	4,890	4,671	7,955		18,512	36,028
42B	Hobgood Charter School		4,263	4,269		10,277	18,809
43C	Anderson Creek Club Charter School		6,252	4,472	4,895	9,924	25,543
43D	Achievement Charter Academy		14,675				14,675
44A	Shining Rock Classical Academy: CFA			5,342	4,895	13,102	23,339
45A	The Mountain Community Sch			3,954	4,800	9,779	18,533
45B	FernLeaf Community Charter School		16,062	3,954	4,895	9,779	34,690
49B	American Renaissance School	6,984		7,955	4,800	20,698	40,437
49D	Success Charter School				1,917	9,361	11,278
49E	Pine Lake Preparatory			12,307	9,946	33,982	56,235
49F	Langtree Charter Academy	5,000					5,000

Community School 5,400 10,868 7,955 4,895 22,664 51,782 60J Socrates Academy 24,287 7,955 4,800 20,698 57,740 60K Charlotte Secondary School 5,342 4,895 13,102 23,339 60L KIPP: Charlotte 7,398 6,825 14,223 14,223 60M Corvian Community School 3,683 35,741 7,955 4,800 22,664 74,843 60N Aristotle Preparatory Academy 4,133 4,895 10,226 19,254 60P Eastside STREAM Charlotte Choice Charter 4,472 4,800 11,025 20,297 60Q Invest Collegiate 64,982 11,785 76,767 60S Bradford Preparatory 42,051 10,423 5,743 26,410 84,627								
50A Summit Charter 6,676 18,867 25,443 51A Neuse Charter 5,000 5,000 51B Johnston Charter 5,000 5,000 53B Ascend Leadership 15,655 4,056 4,800 24,445 48,956 Academy Academy 33,695 33,695 53C MINA Charter School 33,695 33,695 54A Children's Village 1,050 7,955 21,446 30,451 Academy Academy 55A Lincoln Charter 7,038 50,478 12,307 9,946 33,982 113,751 55B West Lake Freparatory Academy 58B Bear Grass Charter 7,280 7,955 4,895 18,512 38,642 60B Sugar Creek Charter 1,464 11,162 22,664 35,290 60F Metrollina Regional 5,600 4,598 4,895 11,324 20,817 60C Queens Grant 25,155 7,955 4,800 22,664 60,574 60I Community School 5,400 10,868 7,955 4,895 13,102 23,339 60L KIPP: Charlotte 7,398 6,825 4,800 20,698 57,740 60N Corvian Community 3,683 35,741 7,955 4,800 22,664 74,843 60P Eastside STREAM 4,472 4,800 11,025 20,297 60D Charlotte Choice Charter 60O Invest Collegiate 64,982 11,782 5,743 26,410 84,627 60D Bradford Preparatory 42,051 10,423 5,743 26,410 84,627 60D Bradford Preparatory 42,051 10,423 5,743 26,410 84,627 60D Collegiate 64,982 11,785 76,767 60D Collegiate 64,982 11,782 5,743 26,410 84,627 60D Collegiate 64,982 11,742 5,743 26,410 84,627 60D Collegiate 64,982 11,742 5,743 26,410 84,627 60D Collegiate 64,982 10,023 10,025 10,026 10,026 60D Collegiate 64,982 10,023 10,023 10,026 10,026 60D Collegiate 64,982 10,02	49G		5,000					5,000
51A Neuse Charter School 7,955 4,895 18,670 31,520 51B Johnston Charter School 5,000 5,000 5,000 5,000 53B Ascend Leadership Academy 15,655 4,056 4,800 24,445 48,956 53C MINA Charter School of Lee County 33,695 21,446 30,451 54A Children's Village Academy 1,050 7,955 21,446 30,451 55A Lincoln Charter School 5,000 9,946 33,982 113,751 55B West Lake Preparatory Academy 5,000 5,000 5,000 58B Bear Grass Charter School 7,280 7,955 4,895 18,512 38,642 60B Sugar Creek Charter School 1,464 11,162 22,664 35,290 60F Metrolina Regional Scholars Academy 4,598 4,895 11,324 20,817 60G Queens Grant Community School of Davidson 25,155 7,955 4,800 22,664 51,782 60J Socrates Academy S	50A	-		6 576			18 867	25 443
School Silb Johnston Charter School Sc				0,070	7 955	4 895		
518	317				7,555	4,000	10,070	31,320
School S	E1D		E 000					E 000
53B Ascend Leadership Academy 15,655 4,056 4,800 24,445 48,956 53C MINA Charter School of Lee County 33,695 33,695 33,695 54A Children's Village Academy 1,050 7,955 21,446 30,451 55A Lincoln Charter School 7,038 50,478 12,307 9,946 33,982 113,751 55B West Lake Preparatory Academy 5,000 7,955 4,895 18,512 38,642 58B Bear Grass Charter School 7,280 7,955 4,895 18,512 38,642 60B Sugar Creek Charter School 1,464 11,162 22,664 35,290 60D Lake Norman Charter 15,082 12,307 27,416 54,805 60F Metrolina Regional Scholars Academy 4,598 4,895 11,324 20,817 60G Queens Grant Community School of Davidson 25,155 7,955 4,800 22,664 51,782 60J Scorates Academy School 24,287 7,955	010		5,000					5,000
S3C MINA Charter School of Lee County S3,695 S3,695 S3,695 S3,695 S3,695 S4,84 Children's Village Academy	FOD			45.055	4.050	4.000	04.445	40.050
53C MINA Charter School of Lee County 33,695 21,446 30,451 54A Children's Village Academy 1,050 7,955 21,446 30,451 55A Lincoln Charter School 7,038 50,478 12,307 9,946 33,982 113,751 55B West Lake Preparatory Academy 5,000 7,955 4,895 18,512 38,642 60B Sugar Creek Charter School 7,280 7,955 4,895 18,512 38,642 60D Lake Norman Charter School 15,082 12,307 27,416 54,806 60F Metrolina Regional Scholars Academy 4,598 4,895 11,324 20,817 60G Queens Grant Community School of Davidson 25,155 7,955 4,800 22,664 60,574 60J Socrates Academy 24,287 7,955 4,895 13,102 23,339 60K Charlotte Secondary School 5,342 4,895 13,102 23,339 60L KIPP: Charlotte Ty.398 6,825 4,895	53B	·		15,655	4,056	4,800	24,445	48,956
54A Children's Village Academy 1,050 7,955 21,446 30,451 55A Lincoln Charter School 7,038 50,478 12,307 9,946 33,982 113,751 55B West Lake Preparatory Academy 5,000 5,000 5,000 5,000 5,000 68B Bear Grass Charter School 7,280 7,955 4,895 18,512 38,642 60B Sugar Creek Charter Schoolars Academy 1,464 11,162 22,664 35,290 60D Lake Norman Charter Scholars Academy 15,082 12,307 27,416 54,805 60F Metrolina Regional Scholars Academy 4,598 4,895 11,324 20,817 60G Queens Grant Community School of Davidson 25,155 7,955 4,800 22,664 60,574 60J Socrates Academy 24,287 7,955 4,895 13,102 23,339 60L KIPP: Charlotte 7,398 6,825 4,895 13,102 23,339 60M Corvian Community School								
54A Children's Village Academy 1,050 7,955 21,446 30,451 55A Lincoln Charter School 7,038 50,478 12,307 9,946 33,982 113,751 55B West Lake Preparatory Academy 5,000	53C			33,695				33,695
Academy 55A		·						
S5A	54A	Children's Village	1,050		7,955		21,446	30,451
School Freparatory Academy School Season School Sugar Creek Charter School Scholars Academy Scholars Academy Scholars Academy Scholars Academy Scholars Academy School Scholars Academy School Scholars Academy School Sch		Academy						
School Freparatory Academy School Season Season	55A	Lincoln Charter	7,038	50,478	12,307	9,946	33,982	113,751
55B West Lake Preparatory Academy 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 3,000		School		·	·			·
Preparatory Academy S8B Bear Grass Charter School Sugar Creek Charter 1,464 11,162 22,664 35,290 35,290 60D Lake Norman Charter 15,082 12,307 27,416 54,805 60F Metrolina Regional Scholars Academy 4,598 4,895 11,324 20,817	55B		5,000					5.000
58B Bear Grass Charter School 7,280 7,955 4,895 18,512 38,642 60B Sugar Creek Charter 1,464 11,162 22,664 35,290 60D Lake Norman Charter 15,082 12,307 27,416 54,805 60F Metrolina Regional Scholars Academy 4,598 4,895 11,324 20,817 60G Queens Grant Community School of Davidson 25,155 7,955 4,800 22,664 60,574 60J Socrates Academy School of Davidson 5,400 10,868 7,955 4,800 20,698 57,740 60K Charlotte Secondary School of School of Other School School of School	002		3,000					3,300
School GOB Sugar Creek Charter 1,464 11,162 22,664 35,290 GOD Lake Norman Charter 15,082 12,307 27,416 54,805 GOF Metrolina Regional Scholars Academy 4,598 4,895 11,324 20,817 GOG Queens Grant Community School 25,155 7,955 4,800 22,664 60,574 GOM Community School 5,400 10,868 7,955 4,895 22,664 51,782 600 Socrates Academy 24,287 7,955 4,800 20,698 57,740 60K Charlotte Secondary 5,342 4,895 13,102 23,339 GOM Corvian Community 3,683 35,741 7,955 4,800 22,664 74,843 GOM Corvian Community 3,683 35,741 7,955 4,800 22,664 74,843 GOM Charlotte Preparatory 4,133 4,895 10,226 19,254 GOM Charlotte Choice Charter GOQ Invest Collegiate 64,982 11,785 76,767 GOS Bradford Preparatory 42,051 10,423 5,743 26,410 84,627 605 60	58B	·		7 280	7 955	1 895	18 512	38 642
60B Sugar Creek Charter 1,464 11,162 22,664 35,290 60D Lake Norman Charter 15,082 12,307 27,416 54,805 60F Metrolina Regional Scholars Academy 4,598 4,895 11,324 20,817 60G Queens Grant Community School of Davidson 25,155 7,955 4,800 22,664 60,574 60I Community School of Davidson 5,400 10,868 7,955 4,895 22,664 51,782 60J Socrates Academy 24,287 7,955 4,800 20,698 57,740 60K Charlotte Secondary School 5,342 4,895 13,102 23,339 60L KIPP: Charlotte 7,398 6,825 14,223 60M Corvian Community School 3,683 35,741 7,955 4,800 22,664 74,843 60N Aristotle Preparatory Academy Charlotte Choice Charter 4,133 4,895 10,226 19,254 60Q Invest Collegiate 64,982 11,785	300			7,200	7,300	4,000	10,512	30,042
60D Lake Norman Charter 15,082 12,307 27,416 54,805 60F Metrolina Regional Scholars Academy 4,598 4,895 11,324 20,817 60G Queens Grant Community School 25,155 7,955 4,800 22,664 60,574 60I Community School of Davidson 5,400 10,868 7,955 4,895 22,664 51,782 60J Socrates Academy 24,287 7,955 4,800 20,698 57,740 60K Charlotte Secondary School 5,342 4,895 13,102 23,339 60L KIPP: Charlotte 7,398 6,825 4,800 22,664 74,843 60M Corvian Community School 3,683 35,741 7,955 4,800 22,664 74,843 60N Aristotle Preparatory Academy 4,133 4,895 10,226 19,254 60P Eastside STREAM Charlotte Choice Charter 4,472 4,800 11,025 20,297 60Q Invest Collegiate 64,982	COD		1 404	11 100			22.004	25 200
60F Metrolina Regional Scholars Academy 4,598 4,895 11,324 20,817 60G Queens Grant Community School 25,155 7,955 4,800 22,664 60,574 60I Community School of Davidson 5,400 10,868 7,955 4,895 22,664 51,782 60J Socrates Academy 24,287 7,955 4,800 20,698 57,740 60K Charlotte Secondary School 5,342 4,895 13,102 23,339 60L KIPP: Charlotte 7,398 6,825 4,800 22,664 74,843 60M Corvian Community School 3,683 35,741 7,955 4,800 22,664 74,843 60N Aristotle Preparatory Academy 4,133 4,895 10,226 19,254 60P Eastside STREAM Charlotte Choice Charter 4,472 4,800 11,025 20,297 60Q Invest Collegiate 64,982 11,785 76,767 60S Bradford Preparatory 42,051 10,423			1,404		40.007			
Scholars Academy 25,155 7,955 4,800 22,664 60,574 60I Community School of Davidson 5,400 10,868 7,955 4,895 22,664 51,782 60J Socrates Academy 24,287 7,955 4,800 20,698 57,740 60K Charlotte Secondary School 5,342 4,895 13,102 23,339 60L KIPP: Charlotte 7,398 6,825 4,800 22,664 74,843 60M Corvian Community School 3,683 35,741 7,955 4,800 22,664 74,843 60N Aristotle Preparatory Academy 4,133 4,895 10,226 19,254 60P Eastside STREAM Charlotte Choice Charter 4,472 4,800 11,025 20,297 60Q Invest Collegiate 64,982 11,785 76,767 60S Bradford Preparatory 42,051 10,423 5,743 26,410 84,627				15,082				
60G Queens Grant Community School 25,155 7,955 4,800 22,664 60,574 60I Community School of Davidson 5,400 10,868 7,955 4,895 22,664 51,782 60J Socrates Academy 24,287 7,955 4,800 20,698 57,740 60K Charlotte Secondary School 5,342 4,895 13,102 23,339 60L KIPP: Charlotte 7,398 6,825 4,800 22,664 74,843 60M Corvian Community School 3,683 35,741 7,955 4,800 22,664 74,843 60N Aristotle Preparatory Academy 4,133 4,895 10,226 19,254 60P Eastside STREAM Charlotte Choice Charter 4,472 4,800 11,025 20,297 60Q Invest Collegiate 64,982 11,785 76,767 60S Bradford Preparatory 42,051 10,423 5,743 26,410 84,627	60F				4,598	4,895	11,324	20,817
Community School 5,400 10,868 7,955 4,895 22,664 51,782 60J Socrates Academy 24,287 7,955 4,800 20,698 57,740 60K Charlotte Secondary School 5,342 4,895 13,102 23,339 60L KIPP: Charlotte 7,398 6,825 14,223 14,223 60M Corvian Community School 3,683 35,741 7,955 4,800 22,664 74,843 60N Aristotle Preparatory Academy 4,133 4,895 10,226 19,254 60P Eastside STREAM Charlotte Choice Charter 4,472 4,800 11,025 20,297 60Q Invest Collegiate 64,982 11,785 76,767 60S Bradford Preparatory 42,051 10,423 5,743 26,410 84,627								
60I Community School of Davidson 5,400 10,868 7,955 4,895 22,664 51,782 60J Socrates Academy 24,287 7,955 4,800 20,698 57,740 60K Charlotte Secondary School 5,342 4,895 13,102 23,339 60L KIPP: Charlotte 7,398 6,825 14,223 60M Corvian Community School 3,683 35,741 7,955 4,800 22,664 74,843 60N Aristotle Preparatory Academy 4,133 4,895 10,226 19,254 60P Eastside STREAM Charlotte Choice Charter 4,472 4,800 11,025 20,297 60Q Invest Collegiate 64,982 11,785 76,767 60S Bradford Preparatory 42,051 10,423 5,743 26,410 84,627	60G	Queens Grant		25,155	7,955	4,800	22,664	60,574
Davidson 24,287 7,955 4,800 20,698 57,740		Community School						
Davidson 24,287 7,955 4,800 20,698 57,740 60K Charlotte Secondary School 5,342 4,895 13,102 23,339 60L KIPP: Charlotte 7,398 6,825 14,223 60M Corvian Community School 3,683 35,741 7,955 4,800 22,664 74,843 60N Aristotle Preparatory Academy 4,133 4,895 10,226 19,254 60P Eastside STREAM Charlotte Choice Charlete 4,472 4,800 11,025 20,297 60Q Invest Collegiate 64,982 11,785 76,767 60S Bradford Preparatory 42,051 10,423 5,743 26,410 84,627	601	Community School of	5,400	10,868	7,955	4,895	22,664	51,782
60J Socrates Academy 24,287 7,955 4,800 20,698 57,740 60K Charlotte Secondary School 5,342 4,895 13,102 23,339 60L KIPP: Charlotte 7,398 6,825 14,223 60M Corvian Community School 3,683 35,741 7,955 4,800 22,664 74,843 60N Aristotle Preparatory Academy 4,133 4,895 10,226 19,254 60P Eastside STREAM Charlotte Choice Charter 4,472 4,800 11,025 20,297 60Q Invest Collegiate 64,982 11,785 76,767 60S Bradford Preparatory 42,051 10,423 5,743 26,410 84,627		•	·					·
60K Charlotte Secondary School 5,342 4,895 13,102 23,339 60L KIPP: Charlotte 7,398 6,825 14,223 60M Corvian Community School 3,683 35,741 7,955 4,800 22,664 74,843 60N Aristotle Preparatory Academy 4,133 4,895 10,226 19,254 60P Eastside STREAM Charlotte Choice Charter 4,472 4,800 11,025 20,297 60Q Invest Collegiate 64,982 11,785 76,767 60S Bradford Preparatory 42,051 10,423 5,743 26,410 84,627	60J			24.287	7.955	4.800	20.698	57.740
School 60L KIPP: Charlotte 7,398 6,825 14,223 60M Corvian Community School 3,683 35,741 7,955 4,800 22,664 74,843 60N Aristotle Preparatory Academy 4,133 4,895 10,226 19,254 60P Eastside STREAM Charlotte Choice Charter 4,472 4,800 11,025 20,297 60Q Invest Collegiate 64,982 11,785 76,767 60S Bradford Preparatory 42,051 10,423 5,743 26,410 84,627				,				
60L KIPP: Charlotte 7,398 6,825 14,223 60M Corvian Community School 3,683 35,741 7,955 4,800 22,664 74,843 60N Aristotle Preparatory Academy 4,133 4,895 10,226 19,254 60P Eastside STREAM Charlotte Choice Charlet 4,472 4,800 11,025 20,297 60Q Invest Collegiate 64,982 11,785 76,767 60S Bradford Preparatory 42,051 10,423 5,743 26,410 84,627	OUR	•			0,012	1,000	10,102	20,000
60M Corvian Community School 3,683 35,741 7,955 4,800 22,664 74,843 60N Aristotle Preparatory Academy 4,133 4,895 10,226 19,254 60P Eastside STREAM Charlotte Choice Charter 4,472 4,800 11,025 20,297 60Q Invest Collegiate 64,982 11,785 76,767 60S Bradford Preparatory 42,051 10,423 5,743 26,410 84,627	601		7 200	6 925				1/1 222
School 4,133 4,895 10,226 19,254 60P Eastside STREAM Charlotte Choice Charter 4,472 4,800 11,025 20,297 60Q Invest Collegiate 64,982 11,785 76,767 60S Bradford Preparatory 42,051 10,423 5,743 26,410 84,627					7.055	4.000	22.664	
60N Aristotle Preparatory Academy 4,133 4,895 10,226 19,254 60P Eastside STREAM Charlotte Choice Charter 4,472 4,800 11,025 20,297 60Q Invest Collegiate 64,982 11,785 76,767 60S Bradford Preparatory 42,051 10,423 5,743 26,410 84,627	OUIVI		3,083	35,741	7,955	4,800	22,004	74,843
Academy 4,472 4,800 11,025 20,297 Charlotte Choice Charter 60Q Invest Collegiate 64,982 11,785 76,767 60S Bradford Preparatory 42,051 10,423 5,743 26,410 84,627								
60P Eastside STREAM Charlotte Choice Charter 4,472 4,800 11,025 20,297 60Q Invest Collegiate 64,982 11,785 76,767 60S Bradford Preparatory 42,051 10,423 5,743 26,410 84,627	60N				4,133	4,895	10,226	19,254
Charlotte Choice Charter Charter 60Q Invest Collegiate 64,982 11,785 76,767 60S Bradford Preparatory 42,051 10,423 5,743 26,410 84,627		·						
Charter 60Q Invest Collegiate 64,982 11,785 76,767 60S Bradford Preparatory 42,051 10,423 5,743 26,410 84,627	60P				4,472	4,800	11,025	20,297
60Q Invest Collegiate 64,982 11,785 76,767 60S Bradford Preparatory 42,051 10,423 5,743 26,410 84,627								
60S Bradford Preparatory 42,051 10,423 5,743 26,410 84,627		Charter						
	60Q	Invest Collegiate		64,982			11,785	76,767
	60S	Bradford Preparatory		42,051	10,423	5,743	26,410	84,627
School		School		·	·	·	·	·
60U Commonwealth High 11,025 11,025	60U						11.025	11.025
School		_					1.,020	, 5 = 5
60Y Pioneer Springs 20,114 3,954 4,895 9,779 38,742	60Y			20 11/	3 05/	/ QQE	9 770	28 7/12
Community School	001			20,114	0,004	4,000	3,779	50,742
	61	-		7 02F	1 170	4 OOF	11 005	27 427
61J Lakeside Charter 7,035 4,472 4,895 11,025 27,427	σIJ			7,035	4,472	4,895	11,025	21,421
Academy 4 470 4 4000 44 045 90 047	0416				4 470	4.000	11.04=	00.047
61K United Community 4,472 4,800 11,045 20,317	61K	•			4,472	4,800	11,045	20,317
School								
61L Stewart Creek High 11,808	61L	_					11,808	11,808
School		School						

61M	Charlotte Lab School	14,946	20,388	7,955	9,983	22,664	75,936
61N	Queen City STEM			7,955	4,800	22,664	35,419
	School						
61P	VERITAS Community			5,216	4,895	13,418	23,529
	School						
61Q	Mallard Creek STEM			5,743	4,800	14,597	25,140
	Academy						
61R	Matthews-Mint Hill	5,000					5,000
	Charter Academy						
61S	Unity Classical	5,000					5,000
	Charter School						
61T	Movement School		6,408		8,000	22,664	37,072
61U	UpROAR Leadership			4,472	4,800	11,025	20,297
	Academy						
61V	Bonnie Cone		16,227	4,578		11,808	32,613
	Classical Academy						
61W	East Voyager			5,342	4,895	13,102	23,339
	Academy						
61X	Mountain Island Day		45,431	7,955	4,800	22,664	80,850
	Community Charter						
61Y	Steele Creek	5,000					5,000
	Preparatory Academy	,					ŕ
62A	Tillery Charter		1,524			13,007	14,531
	, Academy		,			,	,
62J	Southwest Charlotte			4,634		11,408	16,042
	STEM Academy			·		,	ŕ
62K	Movement School		7,215			7,319	14,534
	Eastland					·	·
63A	The Academy of			4,787	4,800	11,730	21,317
	Moore County			·	·	·	·
63B	Sandhills Theatre	5,000					5,000
	Arts Renaiss						
63C	Moore Montessori			3,954	4,800	8,833	17,587
	Community School			·	ŕ	,	ŕ
64A	Rocky Mount		2,278	7,955	4,895	18,512	33,640
	Preparatory						
65A	Cape Fear Center for			7,955	4,800	22,664	35,419
	Inquiry			·		·	
65B	Wilmington	5,000					5,000
	Preparatory Academy						
65C	Douglass Academy			4,893	4,800	12,827	22,520
65D	Island Montessori			4,472	4,800	11,025	20,297
	Charter			·	·	·	·
65F	Coastal Preparatory		39,928	6,346	4,895	16,867	68,036
	Academy		,	,	,	·	, ,
65G	Girls Leadership		2,306	4,695	4,800	11,785	23,586
	Academy of					,	
	Wilmington						
65H	Wilmington School of		7,464				7,464
	the Arts		·				·
65Z	DC Virgo Prep				4,895		4,895
	- 3- · · 3p				,		,

February		Academy						
678 Z.E.C.A. School of Arts and Technology 4,472 4,800 9,924 19,196 68A Eno River Academy 4,405 7,955 4,895 18,512 35,767 68C The Expedition School 26,501 11,037 37,538 69A Arapahoe Charter School 5,339 4,480 4,895 9,622 24,536 70A Northeast Academy of Aerospace & AdvTech 38,663 6,346 4,800 14,357 64,166 73A Berthel Hill Charter 4,787 4,800 9,734 19,321 73B Roxboro Community School 16,938 7,955 4,895 18,512 48,300 74C Winterville Charter School 5,000 4,800 19,039 33,084 78A CIS Academy 3,954 4,800 9,779 18,533 78B Southeastern Academy 3,605 4,800 10,188 24,593 79A Betheny Community Middle 3,605 4,800 16,188 24,593 81A <t< td=""><td>66A</td><td>Gaston College</td><td></td><td></td><td>7,955</td><td></td><td>18,512</td><td>26,467</td></t<>	66A	Gaston College			7,955		18,512	26,467
Arts and Technology 68A Ero River Academy 68C The Expedition School 69A Araphoe Charter School 70A Northeast Academy of Aerospace & AdvTech 73A Bethel Hill Charter 73B Roxboro Community 74C Winterville Charter Academy 74A CLS Academy 75A CLS Academy 76A CS Academy 76A CS Academy 76A CS Academy 76A CS Academy 76B Southeastern 76B Southeastern 76B Southeastern 76B Southeastern 76B Southeastern 76B CLS Academy 77B Bethely Community 76B Southeastern 76B CLS Academy 77B Bethely Community 78B CS Academy 78B CS Academ	67D				4 472	4 900	0.024	10 106
68A Eno River Academy 4,405 7,955 4,895 18,512 35,767 68C The Expedition School 26,501 11,037 37,538 69A Arapahoe Charter School 5,339 4,480 4,895 9,822 24,536 70A Northeast Academy of Aerospace & Advirech 38,663 6,346 4,800 14,357 64,166 73A Bethel Hill Charter 4,787 4,800 9,734 19,321 73B Roxboro Community 16,938 7,955 4,895 18,512 48,300 74C Winterville Charter Academy 4,480 4,800 19,039 33,084 78A CIS Academy 3,954 4,800 19,039 33,084 78B Southeastern Academy 4,472 4,895 11,025 20,392 79A Bethany Community Middle 3,605 4,800 19,779 18,533 80B Essie Mae Kiser Foxx Charter School 3,954 9,779 13,733 81A Thomas Jefferson Classical Ac	0/6				4,472	4,000	9,924	19,190
B6C The Expedition School Schoo	684			4 405	7 955	4 895	18 512	35 767
School S					7,000	4,000		
69A Arapahoe Charter 5,339 4,480 4,895 9,822 24,536 70A Northeast Academy of Aerospace & AdvTech 38,663 6,346 4,800 14,357 64,166 73A Bethel Hill Charter 4,787 4,800 9,734 19,321 73B Roxboro Community 16,938 7,955 4,895 18,512 48,300 74C Winterville Charter 5,000 5,000 5,000 7,955 4,895 11,025 20,302 76A Uwharrie Charter 9,245 4,800 19,039 33,084 78A CIS Academy 3,954 4,800 9,779 18,533 78B Southeastern 4,472 4,895 11,025 20,392 Academy 3,605 4,800 19,779 13,733 78B Southeastern 3,954 4,800 9,779 13,733 80B Essie Mae Kiser Foxx 3,954 4,895 22,664 101,351 Chater School 81B	000			20,001			11,007	07,000
70A	69A	Arapahoe Charter		5,339	4,480	4,895	9,822	24,536
73A Bethel Hill Charter 4,787 4,800 9,734 19,321 73B Roxboro Community 16,938 7,955 4,895 18,512 48,300 74C Winterville Charter Academy 5,000 5,000 19,039 33,084 76A Uwharrie Charter 9,245 4,800 19,039 33,084 78A CIS Academy 3,954 4,800 9,779 18,533 78B Southeastern 4,472 4,895 11,025 20,392 Academy 3,605 4,800 16,188 24,593 Middle 3,954 9,779 13,733 Charter School 3,954 9,779 13,733 B1A Thomas Jefferson 5,340 60,497 7,955 4,895 22,664 101,351 B1B Lake Lure Classical 6,628 7,955 4,895 22,664 42,142 Academy 10,595 7,955 4,895 20,698 44,143 School 86T <t< td=""><td>70A</td><td>Northeast Academy of Aerospace &</td><td></td><td>38,663</td><td>6,346</td><td>4,800</td><td>14,357</td><td>64,166</td></t<>	70A	Northeast Academy of Aerospace &		38,663	6,346	4,800	14,357	64,166
Table	73A				4.787	4.800	9.734	19.321
74C Winterville Charter Academy 5,000 5,000 76A Uwharrie Charter Academy 9,245 4,800 19,039 33,084 78A CIS Academy 3,954 4,800 9,779 18,533 78B Southeastern Academy 4,472 4,895 11,025 20,392 79A Bethany Community Middle 3,605 4,800 16,188 24,593 80B Essie Mae Kiser Foxx Charter School 3,954 9,779 13,733 81A Thomas Jefferson Charter School 5,340 60,497 7,955 4,895 22,664 101,351 81B Lake Lure Classical Academy 6,628 7,955 4,895 22,664 42,142 84B Gray Stone Day School 10,595 7,955 4,895 20,698 44,143 86T Millennium Charter School 5,000 5,000 5,000 5,000 8AA Brevard Academy 4,519 4,800 16,633 25,952 90A Union Academy Charter School 17,2		Roxboro Community		16,938				
Academy	740		E 000					F 000
76A Uwharrie Charter Academy 9,245 3,954 4,800 4,800 19,039 9,779 33,084 78B Southeastern Academy 4,472 4,895 11,025 20,392 79A Bethany Community Middle 3,605 4,800 16,188 24,593 80B Essie Mae Kiser Foxx Charter School 3,954 9,779 13,733 81A Thomas Jefferson Classical Academy 5,340 60,497 7,955 4,895 22,664 101,351 81B Lake Lure Classical Academy 6,628 7,955 4,895 22,664 42,142 84B Gray Stone Day School 10,595 7,955 4,895 20,698 44,143 87A Millennium Charter Academy 5,000 3,778 1,896 19,222 24,896 88A Brevard Academy 17,246 9,347 4,895 23,907 55,395 90A Union Academy Charter School 17,246 9,347 4,895 23,907 55,395 90B Union Preparatory Academy at Indian Trail 5,000 <td>74C</td> <td></td> <td>5,000</td> <td></td> <td></td> <td></td> <td></td> <td>5,000</td>	74C		5,000					5,000
Read	76Δ	-	9 2/15			4 800	19 039	33.084
78A CIS Academy 3,954 4,800 9,779 18,533 78B Southeastern Academy 4,472 4,895 11,025 20,392 79A Bethany Community Middle 3,605 4,800 16,188 24,593 80B Essie Mae Kiser Fox Charter School 3,954 9,779 13,733 81A Thomas Jefferson Classical Academy 6,628 7,955 4,895 22,664 101,351 81B Lake Lure Classical Academy 6,628 7,955 4,895 22,664 42,142 Academy 10,595 7,955 4,895 20,698 44,143 86T Millennium Charter School 5,000 5,000 5,000 87A Mountain Discovery Charter School 3,778 1,896 19,222 24,896 90A Union Academy 17,246 9,347 4,895 23,907 55,395 90B Union Day School 10,856 10,856 10,856 90C Union Preparatory Academy Holian Trail 5,000 10,87	704		0,240			4,000	10,000	33,004
78B Southeastern Academy 4,472 4,895 11,025 20,392 79A Bethany Community Middle 3,605 4,800 16,188 24,593 80B Essie Mae Kiser Foxx Charter School 3,954 9,779 13,733 81A Thomas Jefferson Classical Academy 60,497 7,955 4,895 22,664 101,351 Classical Academy 6,628 7,955 4,895 22,664 42,142 84B Gray Stone Day School 10,595 7,955 4,895 20,698 44,143 86T Millennium Charter Academy 5,000 5,000 5,000 87A Mountain Discovery Charter School 3,778 1,896 19,222 24,896 88A Brevard Academy 17,246 9,347 4,895 23,907 55,395 90A Union Academy 17,246 9,347 4,895 23,907 55,395 90B Union Preparatory Academy at Indian Trail 10,870 10,856 10,856 90C Union Preparatory Acade	78A	·			3.954	4.800	9.779	18.533
Rethany Community Middle		Southeastern						
Sob Essie Mae Kiser Foxx Charter School Solution	79A	Bethany Community			3,605	4,800	16,188	24,593
81A Thomas Jefferson Classical Academy 5,340 60,497 7,955 4,895 22,664 101,351 81B Lake Lure Classical Academy 6,628 7,955 4,895 22,664 42,142 84B Gray Stone Day School 10,595 7,955 4,895 20,698 44,143 86T Millennium Charter School 5,000 5,000 5,000 87A Mountain Discovery Charter School 3,778 1,896 19,222 24,896 88A Brevard Academy Charter School 17,246 9,347 4,895 23,907 55,395 90B Union Academy Charter School 10,856 10,856 10,856 90C Union Preparatory Academy Ac	80B	Essie Mae Kiser Foxx			3,954		9,779	13,733
Classical Academy 81B Lake Lure Classical Academy 6,628 7,955 4,895 22,664 42,142								
Academy School	81A		5,340	60,497	7,955	4,895	22,664	101,351
School School 5,000 5,000 86T Millennium Charter Academy 5,000 5,000 87A Mountain Discovery Charter School 3,778 1,896 19,222 24,896 88A Brevard Academy Charter School 4,519 4,800 16,633 25,952 90A Union Academy Charter School 17,246 9,347 4,895 23,907 55,395 90B Union Day School 10,856 10,856 10,856 90C Union Preparatory Academy at Indian Trail 5,000 5,000 5,000 90F Apprentice Academy Academy HS of North Carolina 9,326 3,954 9,886 23,166 91A Vance Charter School 7,955 18,512 26,467 91B Henderson Collegiate 1,040 8,543 10,982 4,895 24,934 50,394	81B			6,628	7,955	4,895	22,664	42,142
Academy S7A Mountain Discovery Charter School S,778 1,896 19,222 24,896	84B			10,595	7,955	4,895	20,698	44,143
87A Mountain Discovery Charter School 3,778 1,896 19,222 24,896 88A Brevard Academy 4,519 4,800 16,633 25,952 90A Union Academy Charter School 17,246 9,347 4,895 23,907 55,395 90B Union Day School 10,856 10,856 10,856 90C Union Preparatory Academy at Indian Trail 5,000 5,000 10,735 21,605 90F Apprentice Academy HS of North Carolina 9,326 3,954 9,886 23,166 91A Vance Charter School 7,955 18,512 26,467 91B Henderson Collegiate 1,040 8,543 10,982 4,895 24,934 50,394	86T		5,000					5,000
88A Brevard Academy 4,519 4,800 16,633 25,952 90A Union Academy Charter School 17,246 9,347 4,895 23,907 55,395 90B Union Day School 10,856 10,856 10,856 90C Union Preparatory Academy at Indian Trail 5,000 5,000 10,735 21,605 90F Apprentice Academy HS of North Carolina 9,326 3,954 9,886 23,166 91A Vance Charter School 7,955 18,512 26,467 91B Henderson Collegiate 1,040 8,543 10,982 4,895 24,934 50,394	87A	Mountain Discovery			3,778	1,896	19,222	24,896
90A Union Academy Charter School 17,246 9,347 4,895 23,907 55,395 90B Union Day School 10,856 10,856 10,856 90C Union Preparatory Academy at Indian Trail 5,000 5,000 10,870 10,735 21,605 90D Monroe Charter Academy HS of North Carolina 9,326 3,954 9,886 23,166 91A Vance Charter School 7,955 18,512 26,467 91B Henderson Collegiate 1,040 8,543 10,982 4,895 24,934 50,394	88A				4.519	4.800	16.633	25 952
90B Union Day School 10,856 10,856 90C Union Preparatory Academy at Indian Trail 5,000 5,000 90D Monroe Charter Academy 10,870 10,735 21,605 90F Apprentice Academy HS of North Carolina 9,326 3,954 9,886 23,166 91A Vance Charter School 7,955 18,512 26,467 91B Henderson Collegiate 1,040 8,543 10,982 4,895 24,934 50,394		Union Academy		17,246				
90C Union Preparatory Academy at Indian Trail 5,000 5,000 90D Monroe Charter Academy 10,870 10,735 21,605 90F Apprentice Academy HS of North Carolina 9,326 3,954 9,886 23,166 91A Vance Charter School 7,955 18,512 26,467 91B Henderson Collegiate 1,040 8,543 10,982 4,895 24,934 50,394	90R						10.856	10.856
Trail 10,870 10,735 21,605 90D Monroe Charter Academy 10,870 10,735 21,605 90F Apprentice Academy HS of North Carolina 9,326 3,954 9,886 23,166 91A Vance Charter School 7,955 18,512 26,467 91B Henderson Collegiate 1,040 8,543 10,982 4,895 24,934 50,394		Union Preparatory	5,000				10,000	
Academy 90F Apprentice Academy 9,326 3,954 9,886 23,166 HS of North Carolina 91A Vance Charter School 7,955 18,512 26,467 91B Henderson Collegiate 1,040 8,543 10,982 4,895 24,934 50,394		Trail						
90F Apprentice Academy HS of North Carolina 9,326 3,954 9,886 23,166 91A Vance Charter School 7,955 18,512 26,467 91B Henderson Collegiate 1,040 8,543 10,982 4,895 24,934 50,394	90D			10,870			10,735	21,605
91A Vance Charter School 7,955 18,512 26,467 91B Henderson Collegiate 1,040 8,543 10,982 4,895 24,934 50,394	90F	Apprentice Academy		9,326	3,954		9,886	23,166
91B Henderson Collegiate 1,040 8,543 10,982 4,895 24,934 50,394	91Δ				7 955		18 512	26 467
			1.040	8,543		4.895		
		_	·					

	School						
92D	Magellan Charter			4,883	4,895	12,007	21,785
92E	Sterling Montessori			7,955	4,895	22,664	35,514
	Academy			,	,	,	
92F	Franklin Academy					20,881	20,881
92G	East Wake Academy			12,307	9,946	33,982	56,235
92K	Raleigh Charter High School			7,955	4,800	22,664	35,419
92L	Torchlight Academy			5,351	4,895	13,702	23,948
92M	PreEminent Charter School	5,000					5,000
92N	Quest Academy	5,000					5,000
92P	Southern Wake Academy			7,955	4,895	18,512	31,362
92R	Casa Esperanza Montessori		36,691	4,088	4,895	15,496	61,170
92S	Endeavor Charter		2,862	6,157	4,800	16,693	30,512
92T	Triangle Math and Science Academy			7,955	4,895	22,664	35,514
92U	Longleaf School of the Arts		5,694	4,269	4,800	9,485	24,248
92V	Wake Forest Charter Academy	5,000					5,000
92W	Cardinal Charter	5,000					5,000
92Y	Envision Science Academy		22,245	7,955	4,895	22,664	57,759
93A	Haliwa-Saponi Tribal School		570	4,472	4,895	9,924	19,861
93J	PAVE Southeast Raleigh Charter		2,749	6,059	4,800	15,403	29,011
93L	Central Wake Charter High School					13,187	13,187
93M	Peak Charter Academy	5,000					5,000
93N	Pine Springs Preparatory Academy		40,533	7,955	4,800	22,664	75,952
93P	Rolesville Charter Academy	5,000					5,000
93Q	Carolina Charter Academy: CFA			7,955		20,698	28,653
93R	Raleigh Oak Charter			4,133	4,800	10,226	19,159
93T	Cardinal Charter Academy at Wendell Falls	5,000					5,000
94A	Pocosin Innovative Charter		3,664	3,137		7,022	13,823
94Z	Northeast Regional School - Biotech/Agri			4,472	4,895	9,924	19,291
95A	Two Rivers Community School		8,932	4,472	4,895	11,025	29,324
96C	Dillard Academy			4,898	4,800	12,044	21,742

96F	Wayne Preparatory			7,955	4,800	22,664	35,419
97D	Bridges Academy			4,472	4,895	9,924	19,291
98A	Sallie B Howard School	3,855					3,855
98B	Wilson Preparatory Academy			7,955	4,990	18,512	31,457
	Grand Totals	\$307,967	\$1,404,013	\$859,602	\$650,685	\$2,659,556	\$5,881,823

Table 4A: SCI Funding to Charter, Residential, and Lab Schools Through PRC036 and for shared services, SFY21

PSU ID	PSU Name	WAN	Category 2 Wi-Fi	Content Filtering	Firewall	Internet	Total
01B	River Mill Academy		VVI-1 1	6,574	4,400	19,302	30,276
01C	Clover Garden		1,088	0,374	4,400	18,939	20,027
01D	The Hawbridge		1,000	6,574	4,400	21,273	32,247
015	School			0,071	1, 100	21,270	02,217
01F	Alamance		17,001				17,001
000	Community School			0.574	4 400	04.070	00.047
06B	Williams Academy (Crossnore)			6,574	4,400	21,273	32,247
07A	Washington Montessori					11,019	11,019
09A	Paul R Brown			3,421	4,400	9,853	17,674
U9A	Leadership Academy			3,421	4,400	9,000	17,074
09B	Emereau: Bladen					17,109	17,109
10A	Charter Day School		12,534	10,171	4,400	31,542	58,647
10B	South Brunswick		4,916	6,997	4,400	25,367	41,680
11A	Charter School					01 070	21 272
	Evergreen Community Charter					21,273	21,273
11B	ArtSpace Charter	4,736	17,610	1,303	4,400	11,369	39,418
11C	Invest Collegiate - Imagine		19,350			22,007	41,357
11D	The Franklin School of Innovation		2,379	7,062	9,064	22,200	40,705
11F	Asheville PEAK		11,212				11,212
	Academy						·
11K	Francine Delany New School			4,413	4,400	12,387	21,200
12A	The New Dimensions			5,941	4,400	18,939	29,280
, .	School			0,0	.,	. 3/333	20,200
13A	Carolina International		34,510			20,034	54,544
	School						
13B	Cabarrus Charter Academy	5,000					5,000
13C	A.C.E. Academy			6,574	4,400	19,302	30,276
13D	Concord Lake STEAM Academy	5,000					5,000
16B	Tiller School	5,000					5,000
19A	Chatham Charter			6,574	4,400	17,109	28,083

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19C	19B	Woods Charter School			6,574	4,400	21,273	32,247
20A The Learning Center	19C			5,133	3,269	4,400	9,525	22,327
23A Pinnacle Classical 6,732 28,005 Academy 24B Thomas Academy 5,000 7,499 12,499 12,499 14,400 17,109 34,876 26B Alpha Academy 5,941 17,421 23,362 26C The Capitol Encore 6,574 4,400 17,109 28,083 27A Water's Edge Village 3,123 1,738 8,148 13,009 296 Eastern NC School 4,413 4,400 10,806 19,619 297 North Carolina School 4,413 4,400 12,387 21,200 278 28,500 298 Governor Morehead 6,574 4,400 17,598 28,572 28,200 298 Governor Morehead 6,574 4,400 12,387 21,200 279	20A				4.207	4.000	29.587	37.794
Academy			6.732		.,==:	.,		
24B Thomas Academy 5,000 7,499 12,499 24N Columbus Charter School 6,793 6,574 4,400 17,109 34,876 26B Alpha Academy 5,941 17,421 23,362 26C The Capitol Encore Academy 6,574 4,400 17,109 28,083 27A Water's Edge Village School for the Deaf School of The Deaf School for the Deaf School of The Deaf School for the Deaf School Schoo							, -	2,222
24N Columbus Charter School Sch	24B		5,000	7,499				12,499
School S	24N				6,574	4,400	17,109	
26C The Capitol Encore Academy 6,574 4,400 17,109 28,083 27A Water's Edge Village School 3,123 1,738 8,148 13,009 296 Eastern NC School for the Deaf Into Peef 4,413 4,400 10,806 19,619 297 North Carolina School of Tor the Deaf School School 4,413 4,400 12,387 21,200 298 Governor Morehead School School 6,574 4,400 17,598 28,572 29A Davidson Charter Academy: CFA Academy: CFA 4,023 6,892 20,034 30,949 32B Healthy Start Academy 6,574 9,064 19,302 34,940 32C Carter Community Charter 570 4,413 12,219 17,202 32D Kestrel Heights School 15,778 9,395 20,885 46,058 32H Research Triangle Charter 5,000 5,000 5,000 32K Central Park School 8,400 12,191 6,574 4,400 19,302 50,867 32M		School						
Academy School	26B	Alpha Academy			5,941		17,421	23,362
27A Water's Edge Village School 3,123 1,738 8,148 13,009 296 Eastern NC School for the Deaf 4,413 4,400 10,806 19,619 297 North Carolina School for the Deaf 4,413 4,400 12,387 21,200 298 Governor Morehead School School 6,574 4,400 17,598 28,572 29A Davidson Charter Academy: CFA 21,933 4,413 4,400 12,219 42,965 32A Maureen Joy Charter 4,023 6,892 20,034 30,949 32B Healthy Start Academy 6,574 9,064 19,302 34,940 32C Carter Community Charter 570 4,413 12,219 17,202 32D Kestrel Heights School Scholars School 15,778 9,395 20,885 46,058 32H Research Triangle For Children 5,000 5,000 5,000 5,000 32K Central Park School For Children 10,171 9,064 28,317 47,552 32M	26C				6,574	4,400	17,109	28,083
School Gastern NC School Grot the Deaf Gastern NC School Grot the Deaf Grot the Deaf Grot the Deaf Gastern NC School Grot the Deaf Gastern Morehead Gastern Morehe								
296 Eastern NC School for the Deaf for the Deaf for Deaf f	27A	_			3,123	1,738	8,148	13,009
For the Deaf 297 North Carolina School 4,413 4,400 12,387 21,200								
297 North Carolina School for the Deaf 298 Governor Morehead School 21,337 21,200 17,598 28,572 298 Governor Morehead School 21,333 4,413 4,400 17,598 28,572 299 290,200 290,200 20,000 20,	296				4,413	4,400	10,806	19,619
For the Deaf Covernor Morehead Covernor								
298 Governor Morehead School 29A Davidson Charter Academy: CFA 21,933 4,413 4,400 12,219 42,965 42,965 4,400 12,219 42,965 42,96	297				4,413	4,400	12,387	21,200
School 29A Davidson Charter 21,933 4,413 4,400 12,219 42,965 Academy: CFA 4,023 6,892 20,034 30,949 32B Healthy Start Academy 570 4,413 12,219 17,202 34,940 32C Carter Community 570 4,413 12,219 17,202 32D Kestrel Heights School 5,000 5,000	000				0.574	4.400	47.500	00.570
29A Davidson Charter Academy: CFA 21,933 4,413 4,400 12,219 42,965 32A Maureen Joy Charter 4,023 6,892 20,034 30,949 32B Healthy Start Academy 6,574 9,064 19,302 34,940 32C Carter Community Charter 570 4,413 12,219 17,202 32D Kestrel Heights School 15,778 9,395 20,885 46,058 32H Research Triangle Charter 5,000 5,000 5,000 5,000 32K Central Park School For Children 8,400 12,191 6,574 4,400 19,302 50,867 32L Voyager Academy Academy 10,171 9,064 28,317 47,552 32M Global Scholars Academy 5,941 4,400 17,421 27,762 32N Research Triangle High School 43,540 10,171 9,064 25,185 87,960 32P The Institute for the Development of You 450 5,941 4,000 17,421	298				6,574	4,400	17,598	28,572
Academy: CFA 32A Maureen Joy Charter 4,023 6,892 20,034 30,949 32B Healthy Start Academy 570 4,413 12,219 17,202 32C Carter Community 570 4,413 12,219 17,202 32D Kestrel Heights 5,000 School 32H Research Triangle 5,000 Charter 32K Central Park School 8,400 12,191 6,574 4,400 19,302 50,867 5,941 4,400 17,421 27,762 32M Global Scholars Academy 32N Research Triangle High School 43,540 10,171 9,064 28,317 47,552 32P The Institute for the Development of You 32D Reaching All Minds 4,969 4,400 17,421 27,812 32P Excelsior Classical 20,984 6,574 4,400 19,302 51,260 Academy 32S KIPP Durham College Preparatory 32T Discovery Charter 34,165 6,831 17,681 58,677 33A North East Carolina 1,584 6,892 4,400 22,110 34,986 Preparatory School 4,969 4,400 22,110 34,986 Preparatory School 4,986 4,400 22,110 34,986 4,986 4,400 4,	20.4			21.022	4 410	4.400	10.010	42.005
32A Maureen Joy Charter 4,023 6,892 20,034 30,949 32B Healthy Start Academy 6,574 9,064 19,302 34,940 32C Carter Community Charter 570 4,413 12,219 17,202 32D Kestrel Heights School 9,395 20,885 46,058 32H Research Triangle Charter 5,000 5,000 5,000 32K Central Park School For Children 8,400 12,191 6,574 4,400 19,302 50,867 32L Voyager Academy 10,171 9,064 28,317 47,552 32M Global Scholars Academy 5,941 4,400 17,421 27,762 32N Research Triangle High School 43,540 10,171 9,064 25,185 87,960 32P The Institute for the Development of You 450 5,941 4,000 17,421 27,812 32Q Reaching All Minds Academy 4,969 4,400 19,302 51,260 32R Excelsior	29A			21,933	4,413	4,400	12,219	42,905
32B Healthy Start Academy 6,574 9,064 19,302 34,940 32C Carter Community Charter 570 4,413 12,219 17,202 32D Kestrel Heights School 15,778 9,395 20,885 46,058 32H Research Triangle Charter 5,000 5,000 5,000 5,000 32K Central Park School For Children 8,400 12,191 6,574 4,400 19,302 50,867 32L Voyager Academy 10,171 9,064 28,317 47,552 32M Global Scholars Academy 5,941 4,400 17,421 27,762 32N Research Triangle High School 43,540 10,171 9,064 25,185 87,960 32P The Institute for the Development of You 450 5,941 4,000 17,421 27,812 32Q Reaching All Minds Academy 4,969 4,400 19,302 51,260 32R Excelsior Classical Academy 20,984 6,574 4,400 19,302	32∧			4.023	6 892		20.034	30 949
Academy SZC Carter Community Charter S70 4,413 12,219 17,202				4,023		9.064		
32C Carter Community Charter 570 4,413 12,219 17,202 32D Kestrel Heights School 15,778 9,395 20,885 46,058 32H Research Triangle Charter 5,000 5,000 5,000 32K Central Park School For Children 8,400 12,191 6,574 4,400 19,302 50,867 32L Voyager Academy 10,171 9,064 28,317 47,552 32M Global Scholars Academy 5,941 4,400 17,421 27,762 32N Research Triangle High School 43,540 10,171 9,064 25,185 87,960 32P The Institute for the Development of You 450 5,941 4,000 17,421 27,812 32Q Reaching All Minds Academy 4,969 4,400 14,109 23,478 32R Excelsior Classical Academy 20,984 6,574 4,400 19,302 51,260 32S KIPP Durham College Preparatory 34,165 6,831 17,681 58,677<	320				0,374	3,004	13,302	34,340
Charter 32D Kestrel Heights School Sch	32C	-		570	4 413		12.219	17.202
School School 5,000 5,000 32H Research Triangle Charter 5,000 5,000 32K Central Park School For Children 8,400 12,191 6,574 4,400 19,302 50,867 32L Voyager Academy 10,171 9,064 28,317 47,552 32M Global Scholars Academy 5,941 4,400 17,421 27,762 32N Research Triangle High School 43,540 10,171 9,064 25,185 87,960 32P The Institute for the Development of You 450 5,941 4,000 17,421 27,812 32Q Reaching All Minds Academy 4,969 4,400 14,109 23,478 32R Excelsior Classical Academy 20,984 6,574 4,400 19,302 51,260 32S KIPP Durham College Preparatory 1,618 6,574 4,400 19,302 31,894 32T Discovery Charter 34,165 6,831 17,681 58,677 33A North East					,,		,	,
School School 5,000 5,000 32H Research Triangle Charter 5,000 5,000 32K Central Park School For Children 8,400 12,191 6,574 4,400 19,302 50,867 32L Voyager Academy 10,171 9,064 28,317 47,552 32M Global Scholars Academy 5,941 4,400 17,421 27,762 32N Research Triangle High School 43,540 10,171 9,064 25,185 87,960 32P The Institute for the Development of You 450 5,941 4,000 17,421 27,812 32Q Reaching All Minds Academy 4,969 4,400 14,109 23,478 32R Excelsior Classical Academy 20,984 6,574 4,400 19,302 51,260 32S KIPP Durham College Preparatory 1,618 6,574 4,400 19,302 31,894 32T Discovery Charter 34,165 6,831 17,681 58,677 33A North East	32D		15,778	9,395			20,885	46,058
Charter 32K Central Park School For Children 8,400 12,191 6,574 4,400 19,302 50,867 32L Voyager Academy 10,171 9,064 28,317 47,552 32M Global Scholars Academy 5,941 4,400 17,421 27,762 32N Research Triangle High School 43,540 10,171 9,064 25,185 87,960 32P The Institute for the Development of You 450 5,941 4,000 17,421 27,812 32Q Reaching All Minds Academy 4,969 4,400 14,109 23,478 32R Excelsior Classical Academy 20,984 6,574 4,400 19,302 51,260 32S KIPP Durham College Preparatory 1,618 6,574 4,400 19,302 31,894 32T Discovery Charter 34,165 6,831 17,681 58,677 33A North East Carolina Preparatory School 1,584 6,892 4,400 22,110 34,986		_	·	·				·
32K Central Park School For Children 8,400 12,191 6,574 4,400 19,302 50,867 32L Voyager Academy 10,171 9,064 28,317 47,552 32M Global Scholars Academy 5,941 4,400 17,421 27,762 32N Research Triangle High School 43,540 10,171 9,064 25,185 87,960 32P The Institute for the Development of You 450 5,941 4,000 17,421 27,812 32Q Reaching All Minds Academy 4,969 4,400 14,109 23,478 32R Excelsior Classical Academy 20,984 6,574 4,400 19,302 51,260 32S KIPP Durham College Preparatory 1,618 6,574 4,400 19,302 31,894 32T Discovery Charter 34,165 6,831 17,681 58,677 33A North East Carolina Preparatory School 1,584 6,892 4,400 22,110 34,986	32H	Research Triangle	5,000					5,000
For Children 32L Voyager Academy 10,171 9,064 28,317 47,552 32M Global Scholars 5,941 4,400 17,421 27,762 Academy 32N Research Triangle High School 43,540 10,171 9,064 25,185 87,960 32P The Institute for the Development of You 32Q Reaching All Minds Academy Academy Academy 32R Excelsior Classical Academy Academ		Charter						
32L Voyager Academy 10,171 9,064 28,317 47,552 32M Global Scholars Academy 5,941 4,400 17,421 27,762 32N Research Triangle High School 43,540 10,171 9,064 25,185 87,960 32P The Institute for the Development of You 450 5,941 4,000 17,421 27,812 32Q Reaching All Minds Academy 4,969 4,400 14,109 23,478 32R Excelsior Classical Academy 20,984 6,574 4,400 19,302 51,260 32S KIPP Durham College Preparatory 1,618 6,574 4,400 19,302 31,894 32T Discovery Charter 34,165 6,831 17,681 58,677 33A North East Carolina Preparatory School 1,584 6,892 4,400 22,110 34,986	32K	Central Park School	8,400	12,191	6,574	4,400	19,302	50,867
32M Global Scholars Academy 5,941 4,400 17,421 27,762 32N Research Triangle High School 43,540 10,171 9,064 25,185 87,960 32P The Institute for the Development of You 450 5,941 4,000 17,421 27,812 32Q Reaching All Minds Academy 4,969 4,400 14,109 23,478 32R Excelsior Classical Academy 20,984 6,574 4,400 19,302 51,260 32S KIPP Durham College Preparatory 1,618 6,574 4,400 19,302 31,894 32T Discovery Charter 34,165 6,831 17,681 58,677 33A North East Carolina Preparatory School 1,584 6,892 4,400 22,110 34,986								
Academy 32N Research Triangle High School 43,540 10,171 9,064 25,185 87,960								
32N Research Triangle High School 43,540 10,171 9,064 25,185 87,960 32P The Institute for the Development of You 450 5,941 4,000 17,421 27,812 32Q Reaching All Minds Academy 4,969 4,400 14,109 23,478 32R Excelsior Classical Academy 20,984 6,574 4,400 19,302 51,260 32S KIPP Durham College Preparatory 1,618 6,574 4,400 19,302 31,894 32T Discovery Charter 34,165 6,831 17,681 58,677 33A North East Carolina Preparatory School 1,584 6,892 4,400 22,110 34,986	32M				5,941	4,400	17,421	27,762
High School 32P The Institute for the Development of You 32Q Reaching All Minds Academy 4,969 4,400 14,109 23,478 4,200 19,302 51,260 4,400 19,302 51,260 4,400 19,302 31,894 4,400 19,302 31,894 4,400 19,302 31,894 4,400 19,302 31,894 4,400 19,302 31,894 4,400 19,302 31,894 4,400 19,302 31,894 4,400 19,302 31,894 4,400 32T Discovery Charter 34,165 6,831 17,681 58,677 33A North East Carolina Preparatory School 1,584 6,892 4,400 22,110 34,986 4,986 4,986 4,400 22,110 34,986 4,98								
32P The Institute for the Development of You 450 5,941 4,000 17,421 27,812 32Q Reaching All Minds Academy 4,969 4,400 14,109 23,478 32R Excelsior Classical Academy 20,984 6,574 4,400 19,302 51,260 32S KIPP Durham College Preparatory 1,618 6,574 4,400 19,302 31,894 32T Discovery Charter 34,165 6,831 17,681 58,677 33A North East Carolina Preparatory School 1,584 6,892 4,400 22,110 34,986	32N			43,540	10,171	9,064	25,185	87,960
Development of You	000			450	E 0.44	4.000	47.404	07.040
32Q Reaching All Minds Academy 4,969 4,400 14,109 23,478 32R Excelsior Classical Academy 20,984 6,574 4,400 19,302 51,260 32S KIPP Durham College Preparatory 1,618 6,574 4,400 19,302 31,894 32T Discovery Charter 34,165 6,831 17,681 58,677 33A North East Carolina Preparatory School 1,584 6,892 4,400 22,110 34,986	32P			450	5,941	4,000	17,421	27,812
Academy 32R Excelsior Classical Academy 20,984 6,574 4,400 19,302 51,260 32S KIPP Durham College Preparatory 1,618 6,574 4,400 19,302 31,894 32T Discovery Charter 34,165 6,831 17,681 58,677 33A North East Carolina Preparatory School 1,584 6,892 4,400 22,110 34,986	220	·			4.060	4.400	14 100	22 470
32R Excelsior Classical Academy 20,984 6,574 4,400 19,302 51,260 32S KIPP Durham College Preparatory 1,618 6,574 4,400 19,302 31,894 32T Discovery Charter 34,165 6,831 17,681 58,677 33A North East Carolina Preparatory School 1,584 6,892 4,400 22,110 34,986	320	_			4,909	4,400	14,109	23,478
Academy 32S KIPP Durham College Preparatory 1,618 6,574 4,400 19,302 31,894 32T Discovery Charter 34,165 6,831 17,681 58,677 33A North East Carolina Preparatory School 1,584 6,892 4,400 22,110 34,986	32B			20 984	6 574	4.400	19 302	51 260
32S KIPP Durham College Preparatory 1,618 6,574 4,400 19,302 31,894 32T Discovery Charter 34,165 6,831 17,681 58,677 33A North East Carolina Preparatory School 1,584 6,892 4,400 22,110 34,986	0211			20,004	0,074	-r, - 100	10,002	31,200
Preparatory 32T Discovery Charter 34,165 6,831 17,681 58,677 33A North East Carolina Preparatory School 1,584 6,892 4,400 22,110 34,986	325		1 618		6.574	4.400	19.302	31 894
32T Discovery Charter 34,165 6,831 17,681 58,677 33A North East Carolina Preparatory School 1,584 6,892 4,400 22,110 34,986	020		1,013		5,57	., 100	. 5,002	3.,551
33A North East Carolina 1,584 6,892 4,400 22,110 34,986 Preparatory School 34,986	32T			34,165	6,831		17,681	58,677
Preparatory School				·		4,400		
	34B	Quality Education		1,562	6,574	4,400	21,273	33,809

0.45	Academy			0.104	4.400	05.450	00.000
34D	Carter G Woodson School			8,164	4,400	25,458	38,022
34F	Forsyth Academy	5,000					5,000
34G	Arts Based School	5,000					5,000
34H	The North Carolina	-,		10,171	9,064	28,317	47,552
	Leadership Academy			,	·	,	·
35A	Crosscreek Charter	5,806					5,806
	School						
35B	Youngsville Academy	5,000					5,000
36B	Piedmont	13,611	7,847	10,171	9,064	31,542	72,235
	Community Charter						
36C	Mountain Island			3,421		9,777	13,198
205	Charter			0.070		10 001	14.054
36F	Ridgeview Charter School			3,673		10,381	14,054
36G	Team CFA -		29,352			22,962	52,314
300	Community Public		29,302			22,302	52,514
	Charter						
39A	Falls Lake Academy				4,400	19,809	24,209
39B	Oxford Preparatory		36,088	5,477	4,400	17,559	63,524
	High School						
41B	Greensboro Academy	5,000					5,000
41C	Guilford Preparatory	1,104		6,895	7,416	19,617	35,032
_	Academy						
41D	Phoenix Academy Inc	22,573	17,635	6,892	5,254	22,110	74,464
41F	Triad Math and	2,398	18,653	6,574	9,064	21,273	57,962
41G	Science Academy Cornerstone Charter		3,212	4,413	4,400	12 210	24,244
410	Academy		3,212	4,413	4,400	12,219	24,244
41H	The College			6,574	4,400	19,302	30,276
	Preparatory and			3,07	.,	. 37332	33,273
	Leadership A						
41J	Summerfield Charter	5,000					5,000
	Academy						
41K	Piedmont Classical		9,097			10,678	19,775
	High School						
41L	Gate City Charter	5,000					5,000
4114	Academy			4.007	4.400	10 774	01 471
41M	Next Generation Academy			4,297	4,400	12,774	21,471
41N	The Experiential			4,413	4,400	12,219	21,032
7111	School of Greensboro			7,710	4,400	12,210	21,002
41Q	Revolution Academy		6,061				6,061
42A	KIPP Halifax College	1,618	3,331	6,574		17,109	25,301
	Preparatory						
42B	Hobgood Charter		19,791	4,604		11,514	35,909
	School						
43C	Anderson Creek Club			4,969	4,400	12,543	21,912
405	Charter School	0.407	047				10.100
43D	Achievement Charter	9,485	617				10,102

	Academy						
44A	Shining Rock			4,413	4,400	12,387	21,200
44/	Classical Academy:			4,413	4,400	12,507	21,200
	CFA						
45A	The Mountain			3,573	4,400	10,227	18,200
+0/ (Community Sch			0,070	4,400	10,227	10,200
45B	FernLeaf Community	7,708	36,974	4,081	4,400	11,985	65,148
102	Charter School	,,,,,	00,07	1,001	1, 100	11,000	33,113
49B	American	6,984	45,701	6,574	4,400	19,302	82,961
.02	Renaissance School	3,00.	. 37. 3 .	3,37	.,	. 5,552	02,00
49D	Success Charter			2,018	1,738	9,528	13,284
102	School			2,010	1,700	0,020	10,201
49E	Pine Lake			10,171	9,064	31,542	50,777
	Preparatory			. 0,	3,33 .	0.70.2	30,
49F	Langtree Charter	5,000					5,000
101	Academy	0,000					0,000
49G	Iredell Charter	5,000					5,000
	Academy	3,000					3,333
50A	Summit Charter		4,860			41,024	45,884
51A	Neuse Charter		.,	8,800	4,400	22,502	35,702
0171	School			0,000	1, 100	22,002	33,732
51B	Johnston Charter	5,000					5,000
	School	,,,,,,					7, 2 2 2
53B	Ascend Leadership		26,719		4,400	23,310	54,429
	Academy		-,		,	.,.	, -
53C	MINA Charter School		6,477				6,477
	of Lee County		ŕ				ŕ
54A	Children's Village	1,018		6,574		17,598	25,190
	Academy						
55A	Lincoln Charter	5,623	45,831	10,171	9,064	31,542	102,231
	School						
55B	West Lake	5,000					5,000
	Preparatory Academy						
58B	Bear Grass Charter			6,574	4,400	17,109	28,083
	School						
60B	Sugar Creek Charter	1,680	15,327			30,189	47,196
60D	Lake Norman Charter			10,807		26,032	36,839
60F	Metrolina Regional			4,413	4,400	12,387	21,200
	Scholars Academy						
60G	Queens Grant		3,474	6,574	4,400	21,273	35,721
	Community School						
601	Community School of	13,587	95,633	8,482	7,792	27,132	152,626
	Davidson						
60J	Socrates Academy		15,891	6,574	4,000	19,302	45,767
60K	Charlotte Secondary			4,413	4,000	12,387	20,800
	School						
60L	KIPP: Charlotte	2,398	2,477				4,875
60M	Corvian Community	7,396		8,800	4,000	27,969	48,165
	School						
60N	Aristotle Preparatory			3,699	4,400	10,527	18,626
	Academy						

600								
Book Bradford Preparatory School Commonwealth High School Schoo	60P			6,513	3,699	4,400	10,527	25,139
Bradford Preparatory	600			737			21 272	22.010
School Commonwealth High School Commonwealth High School S		_		707	10 171	4 400		
Commonwealth High School S	000				10,171	4,400	20,017	42,000
School Finner Springs 5,603 6,129 4,400 19,965 36,097 36,097 24,414 4,400 14,043 24,414 4,400 14,043 24,414 4,400 14,043 24,414 4,400 14,043 24,414 4,400 14,043 24,414 4,400 14,043 24,414 4,400 14,043 24,414 4,400 14,043 24,414 4,400 10,527 18,626 4,400 10,527 18,626 4,400 10,527 18,626 4,400 21,273 21,273 21,273 21,273 21,273 21,273 25,137	60U						29 244	29 244
BOY Pioneer Springs S,603 6,129 4,400 19,965 36,097 Community School Co	000	_					20,211	20,211
Community School 1,256 4,715 4,400 14,043 24,414	60Y			5.603	6.129	4.400	19.965	36.097
61J Lakeside Charter 1,256 4,715 4,400 14,043 24,414 61K United Community School 3,699 4,400 10,527 18,626 61L Stewart Creek High School 21,273 21,273 21,273 61M Charlotte Lab School 14,946 7,528 9,064 23,784 55,322 61N Queen City STEM School 7,571 25,137 8,470 7,368 27,969 76,515 61P VERITAS Community School 3,307 4,400 9,507 17,214 61Q Mallard Creek STEM Academy 6,574 4,000 21,273 31,847 61R Matthews-Mint Hill Charter Academy 5,000 5,000 24,549 29,549 61S Unity Classical School 1,260 7,795 4,400 21,273 34,728 61U UpROAR Leadership Academy 6,455 6,574 21,273 34,302 61W East Voyager Academy 7,774 4,413 4,400 12,387 29,974 <td></td> <td></td> <td></td> <td>3,333</td> <td>3,:23</td> <td>,,,,,,,</td> <td> ,</td> <td>22,221</td>				3,333	3,:23	,,,,,,,	,	22,221
Academy School	61J	-		1.256	4.715	4.400	14.043	24.414
61K United Community School 3,699 4,400 10,527 18,626 61L Stewart Creek High School 21,273 21,273 21,273 21,273 21,273 21,273 21,273 21,273 21,273 21,273 21,273 21,273 21,273 31,272 61M Charlotte Lab School 7,571 25,137 8,470 7,368 27,969 76,515 5,517 21,273 31,847 4,400 21,273 31,847 4,400 21,273 31,847 4,400 21,273 31,847 5,500 5,500 29,549 29,549 29,549 29,549 21,273 34,728 611 Mover Mover School 10,5				,	,	,	,	,
School Stewart Creek High School Stewart Creek High School Scho	61K				3,699	4,400	10,527	18,626
School 14,946 7,528 9,064 23,784 55,322					·		·	·
61M Charlotte Lab School 14,946 7,528 9,064 23,784 55,322 61N Queen City STEM School 7,571 25,137 8,470 7,368 27,969 76,515 61P VERITAS Community School 3,307 4,400 9,507 17,214 61Q Mallard Creek STEM Academy 6,574 4,000 21,273 31,847 61R Matthews-Mint Hill Charter Academy 5,000 24,549 29,549 61S Unity Classical Charter School 5,000 24,549 29,549 61I Movement School 1,260 7,795 4,400 21,273 34,728 61U UpROAR Leadership Academy 3,699 4,400 10,527 18,626 61V Bonnie Cone Classical Academy 6,455 6,574 21,273 34,302 61W East Voyager Academy 7,774 4,413 4,400 12,387 28,974 61X Mountain Island Day Community Charter 9,118 1,200 28,806 39,124 <td< td=""><td>61L</td><td>Stewart Creek High</td><td></td><td></td><td></td><td></td><td>21,273</td><td>21,273</td></td<>	61L	Stewart Creek High					21,273	21,273
61N Queen City STEM School 7,571 25,137 8,470 7,368 27,969 76,515 61P VERITAS Community School 3,307 4,400 9,507 17,214 61Q Mallard Creek STEM Academy 6,574 4,000 21,273 31,847 61R Matthews-Mint Hill Charter Academy 5,000 24,549 29,549 61S Unity Classical Charter School 5,000 24,549 21,273 34,728 61U UpROAR Leadership Academy 3,699 4,400 21,273 34,728 61V Bonnie Cone Classical Academy 6,455 6,574 21,273 34,302 61W East Voyager Academy 7,774 4,413 4,400 12,387 28,974 61X Mountain Island Day Community Charter 9,118 1,200 28,806 39,124 61Y Stele Creek Preparatory Academy 5,000 5,000 5,000 62A Tillery Charter Academy 2,412 8,469 10,881 62L Movered Charlotte STEM Academy<		School						
School G1P VERITAS Community School Sc	61M	Charlotte Lab School	14,946		7,528	9,064	23,784	55,322
61P VERITAS Community School 3,307 4,400 9,507 17,214 61Q Mallard Creek STEM Academy 6,574 4,000 21,273 31,847 61R Matthews-Mint Hill Charter Academy 5,000 24,549 29,549 61S Unity Classical Charter School 5,000 24,549 29,549 61U Movement School 1,260 7,795 4,400 21,273 34,728 61U UpROAR Leadership Academy 6,455 6,574 21,273 34,728 61V Bonnie Cone Classical Academy 6,455 6,574 21,273 34,302 61W East Voyager Academy 7,774 4,413 4,400 12,387 28,974 61X Mountain Island Day Community Charter 9,118 1,200 28,806 39,124 61Y Steele Creek Preparatory Academy 5,000 5,000 5,000 62A Tillery Charter Academy 5,368 16,027 21,395 62K Movement School Eastland 8,350 9,777	61N	Queen City STEM	7,571	25,137	8,470	7,368	27,969	76,515
School G1Q Mallard Creek STEM Academy Academy		School						
61Q Mallard Creek STEM Academy 6,574 4,000 21,273 31,847 61R Matthews-Mint Hill Charter Academy 5,000 5,000 24,549 29,549 61S Unity Classical Charter School 5,000 24,549 29,549 61T Movement School 1,260 7,795 4,400 21,273 34,728 61U UpROAR Leadership Academy 3,699 4,400 10,527 18,626 61V Bonnie Cone Classical Academy 6,455 6,574 21,273 34,302 61W East Voyager Academy 7,774 4,413 4,400 12,387 28,974 61X Mountain Island Day Community Charter Academy 9,118 1,200 28,806 39,124 61Y Steele Creek Preparatory Academy 5,000 5,000 5,000 62A Tillery Charter Academy 5,368 16,027 21,395 62J Southwest Charlotte STEM Academy 5,368 16,027 21,395 62K Movement School Eastland Academy 4,413	61P	VERITAS Community			3,307	4,400	9,507	17,214
Academy								
61R Matthews-Mint Hill Charter Academy 5,000 24,549 29,549 61S Unity Classical Charter School 5,000 24,549 29,549 61T Movement School 1,260 7,795 4,400 21,273 34,728 61U UpROAR Leadership Academy 3,699 4,400 10,527 18,626 61V Bonnie Cone Classical Academy 6,455 6,574 21,273 34,302 61W East Voyager Academy 7,774 4,413 4,400 12,387 28,974 61X Mountain Island Day Community Charter 9,118 1,200 28,806 39,124 61Y Steele Creek Preparatory Academy 5,000 5,000 5,000 62A Tillery Charter Academy 2,412 8,469 10,881 62J Southwest Charlotte STEM Academy 5,368 16,027 21,395 62K Movement School Eastland 8,350 9,777 18,127 62X Telra Institute 19,468 19,468 63A The	61Q	Mallard Creek STEM			6,574	4,000	21,273	31,847
Charter Academy								
61S Unity Classical Charter School 5,000 Charter School 24,549 29,549 61T Movement School 1,260 7,795 4,400 21,273 34,728 61U UpROAR Leadership Academy 3,699 4,400 10,527 18,626 61V Bonnie Cone Classical Academy 6,455 6,574 21,273 34,302 61W East Voyager Academy 7,774 4,413 4,400 12,387 28,974 61X Mountain Island Day Community Charter 9,118 1,200 28,806 39,124 61Y Steele Creek Preparatory Academy 5,000 5,000 5,000 62A Tillery Charter Academy 2,412 8,469 10,881 62J Southwest Charlotte STEM Academy 5,368 16,027 21,395 62K Movement School Eastland 8,350 9,777 18,127 62L Telra Institute 19,468 19,468 19,468 63A The Academy of Moore County 4,413 4,400 12,219 21,032	61R		5,000					5,000
Charter School 1,260 7,795 4,400 21,273 34,728	_							
61T Movement School 1,260 7,795 4,400 21,273 34,728 61U UpROAR Leadership Academy 3,699 4,400 10,527 18,626 61V Bonnie Cone Classical Academy 6,455 6,574 21,273 34,302 61W East Voyager Academy 7,774 4,413 4,400 12,387 28,974 61X Mountain Island Day Community Charter Academy 9,118 1,200 28,806 39,124 61Y Steele Creek Preparatory Academy 5,000 5,000 5,000 62A Tillery Charter Academy 2,412 8,469 10,881 62J Southwest Charlotte School Eastland 5,368 16,027 21,395 62K Movement School Eastland 8,350 9,777 18,127 62L Telra Institute 19,468 19,468 63A The Academy of Moore County 4,413 4,400 12,219 21,032 63C Moore Montessori Arts Renaiss 5,000 4,463 3,421 4,400 <	61S		5,000	24,549				29,549
61U UpROAR Leadership Academy 3,699 4,400 10,527 18,626 61V Bonnie Cone Classical Academy 6,455 6,574 21,273 34,302 61W East Voyager Academy 7,774 4,413 4,400 12,387 28,974 61X Mountain Island Day Community Charter 9,118 1,200 28,806 39,124 61Y Steele Creek Preparatory Academy 5,000 5,000 5,000 62A Tillery Charter Academy 2,412 8,469 10,881 62J Southwest Charlotte STEM Academy 5,368 16,027 21,395 62K Movement School Eastland 8,350 9,777 18,127 63L Telra Institute 19,468 19,468 63A The Academy of Moore County 4,413 4,400 12,219 21,032 63B Sandhills Theatre Arts Renaiss 5,000 5,000 5,000 63C Moore Montessori Community School 4,463 3,421 4,400 8,777 21,061	0.4.		1 000	7 705			21.272	24 722
Academy Bonnie Cone Classical Academy Classical Academy Classical Academy			1,260	7,795	0.000			
61V Bonnie Cone Classical Academy 6,455 6,574 21,273 34,302 61W East Voyager Academy 7,774 4,413 4,400 12,387 28,974 61X Mountain Island Day Community Charter 9,118 1,200 28,806 39,124 61Y Steele Creek Preparatory Academy 5,000 5,000 5,000 62A Tillery Charter Academy 2,412 8,469 10,881 62J Southwest Charlotte STEM Academy 5,368 16,027 21,395 62K Movement School Eastland 8,350 9,777 18,127 62L Telra Institute 19,468 19,468 19,468 63A The Academy of Moore County 4,413 4,400 12,219 21,032 63B Sandhills Theatre Arts Renaiss 5,000 5,000 5,000 63C Moore Montessori Community School 4,463 3,421 4,400 8,777 21,061	610				3,699	4,400	10,527	18,626
Classical Academy 7,774 4,413 4,400 12,387 28,974 61X Mountain Island Day Community Charter 9,118 1,200 28,806 39,124 61Y Steele Creek Preparatory Academy 5,000 5,000 5,000 62A Tillery Charter Academy 2,412 8,469 10,881 62J Southwest Charlotte STEM Academy 5,368 16,027 21,395 62K Movement School Eastland 8,350 9,777 18,127 62L Telra Institute 19,468 19,468 63A The Academy of Moore County 4,413 4,400 12,219 21,032 63B Sandhills Theatre Arts Renaiss 5,000 5,000 5,000 63C Moore Montessori Community School 4,463 3,421 4,400 8,777 21,061	041/			0.455	0.574		04.070	0.4.000
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Academy Steele Creek Freparatory Academy Southwest Charlotte Southwest Charlot	61\/	·		7 774	4 410	4 400	10 207	20.074
61X Mountain Island Day Community Charter 9,118 1,200 28,806 39,124 61Y Steele Creek Preparatory Academy 5,000 5,000 62A Tillery Charter Academy 2,412 8,469 10,881 62J Southwest Charlotte STEM Academy 5,368 16,027 21,395 62K Movement School Eastland 8,350 9,777 18,127 62L Telra Institute 19,468 19,468 63A The Academy of Moore County 4,413 4,400 12,219 21,032 63B Sandhills Theatre Arts Renaiss 5,000 5,000 5,000 63C Moore Montessori Community School 4,463 3,421 4,400 8,777 21,061	0100			7,774	4,413	4,400	12,387	26,974
Community Charter 5,000 61Y Steele Creek Preparatory Academy 5,000 62A Tillery Charter Academy 2,412 8,469 10,881 62J Southwest Charlotte STEM Academy 5,368 16,027 21,395 62K Movement School Eastland 8,350 9,777 18,127 62L Telra Institute 19,468 19,468 63A The Academy of Moore County 4,413 4,400 12,219 21,032 63B Sandhills Theatre Arts Renaiss 5,000 5,000 5,000 Arts Renaiss 4,463 3,421 4,400 8,777 21,061	61Y				0.110	1 200	28 806	30 12/
61Y Steele Creek Preparatory Academy 5,000 5,000 62A Tillery Charter Academy 2,412 8,469 10,881 62J Southwest Charlotte STEM Academy 5,368 16,027 21,395 62K Movement School Eastland 8,350 9,777 18,127 62L Telra Institute 19,468 19,468 19,468 63A The Academy of Moore County 4,413 4,400 12,219 21,032 63B Sandhills Theatre Arts Renaiss 5,000 5,000 5,000 63C Moore Montessori Community School 4,463 3,421 4,400 8,777 21,061	OIX				3,110	1,200	20,000	33,124
Preparatory Academy	61Y	-	5,000					5,000
62A Tillery Charter Academy 2,412 8,469 10,881 62J Southwest Charlotte STEM Academy 5,368 16,027 21,395 62K Movement School Eastland 8,350 9,777 18,127 62L Telra Institute 19,468 19,468 19,468 63A The Academy of Moore County 4,413 4,400 12,219 21,032 63B Sandhills Theatre Arts Renaiss 5,000 5,000 5,000 63C Moore Montessori Community School 4,463 3,421 4,400 8,777 21,061	011		3,000					3,000
Academy 5,368 16,027 21,395 STEM Academy 8,350 9,777 18,127 62K Movement School Eastland 19,468 19,468 62L Telra Institute 19,468 19,468 63A The Academy of Moore County 4,413 4,400 12,219 21,032 63B Sandhills Theatre Arts Renaiss 5,000 5,000 5,000 Arts Renaiss 4,463 3,421 4,400 8,777 21,061 Community School 21,061 21,061 21,061 21,061	62A			2 412			8 469	10 881
62J Southwest Charlotte STEM Academy 5,368 16,027 21,395 62K Movement School Eastland 8,350 9,777 18,127 62L Telra Institute 19,468 19,468 63A The Academy of Moore County 4,413 4,400 12,219 21,032 63B Sandhills Theatre Arts Renaiss 5,000 5,000 5,000 63C Moore Montessori Community School 4,463 3,421 4,400 8,777 21,061	02, 1			2, 2			0,100	10,001
STEM Academy 62K Movement School Eastland 8,350 9,777 18,127 62L Telra Institute 19,468 19,468 19,468 63A The Academy of Moore County 4,413 4,400 12,219 21,032 63B Sandhills Theatre Arts Renaiss 5,000 5,000 5,000 63C Moore Montessori Community School 4,463 3,421 4,400 8,777 21,061	62J				5.368		16.027	21.395
62K Movement School Eastland 8,350 9,777 18,127 62L Telra Institute 19,468 19,468 63A The Academy of Moore County 4,413 4,400 12,219 21,032 63B Sandhills Theatre Arts Renaiss 5,000 5,000 5,000 63C Moore Montessori Community School 4,463 3,421 4,400 8,777 21,061	5_5				3,333		,	,
Eastland 19,468 62L Telra Institute 19,468 63A The Academy of Moore County 4,413 4,400 12,219 21,032 63B Sandhills Theatre Arts Renaiss 5,000 5,000 5,000 63C Moore Montessori Community School 4,463 3,421 4,400 8,777 21,061	62K			8,350			9,777	18,127
62L Telra Institute 19,468 19,468 63A The Academy of Moore County 4,413 4,400 12,219 21,032 63B Sandhills Theatre Arts Renaiss 5,000 5,000 5,000 63C Moore Montessori Community School 4,463 3,421 4,400 8,777 21,061				,			·	,
63A The Academy of Moore County 4,413 4,400 12,219 21,032 63B Sandhills Theatre Arts Renaiss 5,000 5,000 5,000 63C Moore Montessori Community School 4,463 3,421 4,400 8,777 21,061	62L			19,468				19,468
Moore County 5,000 63B Sandhills Theatre Arts Renaiss 5,000 63C Moore Montessori Community School 4,463 3,421 4,400 8,777 21,061					4,413	4,400	12,219	
63B Sandhills Theatre Arts Renaiss 5,000 5,000 63C Moore Montessori Community School 4,463 3,421 4,400 8,777 21,061		,						,
Arts Renaiss 4,463 3,421 4,400 8,777 21,061 Community School	63B		5,000					5,000
Community School		Arts Renaiss						
Community School	63C			4,463	3,421	4,400	8,777	21,061
64A Rocky Mount 13,177 6,574 4,400 17,109 41,260		Community School						
	64A	Rocky Mount		13,177	6,574	4,400	17,109	41,260

65A Cape Fear Center for Inquiry South State South		Preparatory						
65B	65A	Cape Fear Center for		30,473	6,574	4,400	21,273	62,720
Preparatory Academy								
65C Douglass Academy 493 6,892 5,248 22,110 34,743 65D Island Montessori 3,699 4,400 10,527 18,626 65F Coastal Preparatory Academy of Wilmington 4,065 6,574 4,400 21,273 36,312 65G Girls Leadership Academy of Wilmington School of the Arts 1,823 6,574 4,400 21,273 34,070 65Z DC Virgo Prep Academy 4,400 4,400 4,400 4,400 66A Gaston College Preparatory 7,846 19,809 29,273 67B Z.E.C.A. School of Arts and Technology 3,699 4,400 9,423 17,522 68A Eno River Academy 5,004 6,574 4,400 17,109 33,087 68C The Expedition School 4,648 4,400 12,600 21,648 69A Arapahoe Charter School 4,648 4,400 17,109 34,743 73A Bethel Hill Charter Academy Of Acrospace & Advirech Academy School 4,413 4,400 17,109	65B	_	5,000					5,000
Sister S	CEC			400	0.000	F 240	20.110	24.742
Charter				493				
Academy 1,823 6,574 4,400 21,273 34,070		Charter						
Academy of Wilmington School of the Arts Color of Arts and Technology Color of Arts an	65F	'		4,065	6,574	4,400	21,273	36,312
The Arts Color C	65G	Academy of		1,823	6,574	4,400	21,273	34,070
Academy G6A Gaston College 1,618 7,846 19,809 29,273	65H	_	2,569	7,930				10,499
Preparatory G7B Z.E.C.A. School of Arts and Technology Art	65Z					4,400		4,400
67B Z.E.C.A. School of Arts and Technology 3,699 4,400 9,423 17,522 68A Eno River Academy 5,004 6,574 4,400 17,109 33,087 68C The Expedition School 4,648 4,400 12,600 21,648 69A Arapahoe Charter School 4,648 4,400 12,600 21,648 70A Northeast Academy of Aerospace & AdvTech 6,665 6,574 4,400 17,109 34,748 73A Bethel Hill Charter Academy School 4,413 4,400 17,109 31,011 74C Winterville Charter Academy School 5,000 5,000 5,000 76A Uwharrie Charter Academy Academ	66A		1,618		7,846		19,809	29,273
68A Eno River Academy 5,004 6,574 4,400 17,109 33,087 68C The Expedition School 4,648 4,400 12,600 21,648 69A Arapahoe Charter School 4,648 4,400 12,600 21,648 70A Northeast Academy of Aerospace & AdvTech 6,665 6,574 4,400 17,109 34,748 73A Bethel Hill Charter 4,413 4,400 11,019 19,832 73B Roxboro Community 2,928 6,574 4,400 17,109 31,011 74C Winterville Charter School 5,000 5,000 5,000 5,000 76A Uwharrie Charter Academy 3,635 4,400 23,115 73,180 78A CIS Academy 3,535 4,400 10,137 18,072 78B Southeastern Academy 3,699 4,400 10,527 18,626 79A Bethany Community Middle 4,400 23,199 27,599 80C Faith Academy Charter School <t< td=""><td>67B</td><td></td><td></td><td></td><td>3,699</td><td>4,400</td><td>9,423</td><td>17,522</td></t<>	67B				3,699	4,400	9,423	17,522
School G9A	68A			5,004	6,574	4,400	17,109	33,087
69A Arapahoe Charter School 4,648 4,400 12,600 21,648 70A Northeast Academy of Aerospace & AdvTech 6,665 6,574 4,400 17,109 34,748 73A Bethel Hill Charter 4,413 4,400 11,019 19,832 73B Roxboro Community School 2,928 6,574 4,400 17,109 31,011 74C Winterville Charter Academy 5,000 5,000 23,115 73,180 76A Uwharrie Charter Academy 9,245 34,622 1,798 4,400 23,115 73,180 78A CIS Academy 3,535 4,400 10,137 18,072 78B Southeastern Academy 3,699 4,400 10,527 18,626 78C Old Main Stream 0 0 23,199 27,599 78A Essie Mae Kiser Foxx Charter School 319 319 319 80B Essie Mae Kiser Foxx Charter School 35,594 35,594 35,594 Charter School 5,340	68C	·					14,109	14,109
Total	69A	•			4,648	4,400	12,600	21,648
73B Roxboro Community School 2,928 6,574 4,400 17,109 31,011 74C Winterville Charter Academy 5,000 5,000 5,000 76A Uwharrie Charter Academy 9,245 34,622 1,798 4,400 23,115 73,180 78A CIS Academy 3,535 4,400 10,137 18,072 78B Southeastern Academy 3,699 4,400 10,527 18,626 78C Old Main Stream 0 0 23,199 27,599 80B Essie Mae Kiser Foxx Charter School 319 319 319 80C Faith Academy Charter School 35,594 35,594 35,594 81A Thomas Jefferson Classical Academy 5,340 63,545 6,574 4,400 21,273 101,132 81B Lake Lure Classical Academy 6,574 4,400 21,273 32,247	70A	of Aerospace &		6,665	6,574	4,400	17,109	34,748
School 74C Winterville Charter Academy 5,000 5,000 76A Uwharrie Charter Academy 9,245 34,622 1,798 4,400 23,115 73,180 78A CIS Academy 3,535 4,400 10,137 18,072 78B Southeastern Academy 3,699 4,400 10,527 18,626 78C Old Main Stream 0 0 0 79A Bethany Community Middle 4,400 23,199 27,599 80B Essie Mae Kiser Foxx Charter School 319 319 80C Faith Academy Charter School 35,594 35,594 81A Thomas Jefferson Classical Academy 5,340 63,545 6,574 4,400 21,273 101,132 81B Lake Lure Classical Academy 6,574 4,400 21,273 32,247	73A				4,413	4,400	11,019	19,832
74C Winterville Charter Academy 5,000 5,000 76A Uwharrie Charter Academy 9,245 34,622 1,798 4,400 23,115 73,180 78A CIS Academy 3,535 4,400 10,137 18,072 78B Southeastern Academy 3,699 4,400 10,527 18,626 79C Old Main Stream 0 23,199 27,599 Middle 4,400 23,199 27,599 80B Essie Mae Kiser Foxx Charter School 319 319 80C Faith Academy Charter School 35,594 35,594 81A Thomas Jefferson Classical Academy 5,340 63,545 6,574 4,400 21,273 101,132 81B Lake Lure Classical Academy 6,574 4,400 21,273 32,247	73B	· ·		2,928	6,574	4,400	17,109	31,011
76A Uwharrie Charter Academy 9,245 34,622 1,798 4,400 23,115 73,180 78A CIS Academy 3,535 4,400 10,137 18,072 78B Southeastern Academy 3,699 4,400 10,527 18,626 78C Old Main Stream 0 0 23,199 27,599 Middle Middle 319 319 319 80B Essie Mae Kiser Foxx Charter School 35,594 35,594 35,594 80C Faith Academy Charter School 5,340 63,545 6,574 4,400 21,273 101,132 81A Thomas Jefferson Classical Academy 6,574 4,400 21,273 32,247 81B Lake Lure Classical Academy 6,574 4,400 21,273 32,247	74C		5,000					5,000
78A CIS Academy 3,535 4,400 10,137 18,072 78B Southeastern Academy 3,699 4,400 10,527 18,626 78C Old Main Stream 0 79A Bethany Community Middle 4,400 23,199 27,599 80B Essie Mae Kiser Foxx Charter School 319 319 80C Faith Academy Charter School 35,594 35,594 81A Thomas Jefferson Classical Academy 5,340 63,545 6,574 4,400 21,273 101,132 81B Lake Lure Classical Academy 6,574 4,400 21,273 32,247	76A	Uwharrie Charter	9,245	34,622	1,798	4,400	23,115	73,180
Academy 78C Old Main Stream 0 79A Bethany Community Middle 4,400 23,199 27,599 80B Essie Mae Kiser Foxx Charter School 319 319 80C Faith Academy Charter School 35,594 35,594 81A Thomas Jefferson Classical Academy 5,340 63,545 6,574 4,400 21,273 101,132 81B Lake Lure Classical Academy 6,574 4,400 21,273 32,247	78A	-			3,535	4,400	10,137	18,072
78C Old Main Stream 0 79A Bethany Community Middle 4,400 23,199 27,599 80B Essie Mae Kiser Foxx Charter School 319 319 80C Faith Academy Charter School 35,594 21,273 35,594 81A Thomas Jefferson Classical Academy 5,340 63,545 6,574 4,400 21,273 101,132 81B Lake Lure Classical Academy 6,574 4,400 21,273 32,247	78B				3,699	4,400	10,527	18,626
Middle 319 80B Essie Mae Kiser Foxx Charter School 319 80C Faith Academy Charter School 35,594 81A Thomas Jefferson Classical Academy 5,340 63,545 6,574 4,400 21,273 101,132 81B Lake Lure Classical Academy 6,574 4,400 21,273 32,247	78C							0
80B Essie Mae Kiser Foxx Charter School 319 319 80C Faith Academy Charter School 35,594 35,594 81A Thomas Jefferson Classical Academy 5,340 63,545 6,574 4,400 21,273 101,132 81B Lake Lure Classical Academy 6,574 4,400 21,273 32,247	79A	, , , , , , , , , , , , , , , , , , , ,				4,400	23,199	27,599
80C Faith Academy Charter School 35,594 35,594 81A Thomas Jefferson Classical Academy 5,340 63,545 6,574 4,400 21,273 101,132 81B Lake Lure Classical Academy 6,574 4,400 21,273 32,247	80B	Essie Mae Kiser Foxx			319			319
81A Thomas Jefferson Classical Academy 5,340 63,545 6,574 4,400 21,273 101,132 81B Lake Lure Classical Academy 6,574 4,400 21,273 32,247	80C	Faith Academy		35,594				35,594
81B Lake Lure Classical 6,574 4,400 21,273 32,247 Academy	81A	Thomas Jefferson	5,340	63,545	6,574	4,400	21,273	101,132
	81B	Lake Lure Classical			6,574	4,400	21,273	32,247
	84B			3,634	1,926	3,595	20,034	29,189

	School						
OCT	Millennium Charter	F 000					E 000
86T		5,000					5,000
074	Academy Mountain Discovery			2 227	1 700	10.000	24.062
87A	Charter School			3,227	1,738	19,098	24,063
88A	Brevard Academy			5,750	4,400	24,366	34,516
90A	Union Academy		9,756	10,171	4,400	28,317	52,644
90A	Charter School		9,750	10,171	4,400	20,317	52,044
90B	Union Day School		22,062			12,219	34,281
90B	Union Preparatory	5,000	22,002			12,219	5,000
900	Academy at Indian	5,000					5,000
	Trail						
90D	Monroe Charter		12,500			9,525	22,025
300	Academy		12,500			0,020	22,020
90F	Apprentice Academy		23,928	5,313		15,893	45,134
001	HS of North Carolina		20,020	0,010		10,000	10, 10 1
91A	Vance Charter School		13,137	6,574		17,109	36,820
91B	Henderson Collegiate	1,245	1,518	5,088	4,400	41,922	54,173
92B	Exploris Middle	7,533	6,118	5,941	4,400	18,939	42,931
	School	,,,,,	5,	2,2	.,		,
92D	Magellan Charter			4,413	4,400	12,387	21,200
92E	Sterling Montessori		6,184	6,574	4,400	21,273	38,431
	Academy						·
92F	Franklin Academy					19,302	19,302
92G	East Wake Academy			10,171	9,064	31,542	50,777
92K	Raleigh Charter High		867	6,574	4,400	19,797	31,638
	School						
92L	Torchlight Academy			6,574	4,400	21,273	32,247
92M	PreEminent Charter	5,000					5,000
	School						
92N	Quest Academy	5,000	11,957				16,957
92P	Southern Wake		41,549	6,574	4,400	17,109	69,632
	Academy						
92R	Casa Esperanza		36,442		4,400	31,542	72,384
	Montessori						
92S	Endeavor Charter		50,281	6,574	4,400	21,273	82,528
92T	Triangle Math and			8,482	4,400	27,132	40,014
	Science Academy						
92U	Longleaf School of		34,909	4,413	4,400	11,019	54,741
00) /	the Arts	5.000					5.000
92V	Wake Forest Charter	5,000					5,000
0014/	Academy	F 000					F 000
92W	Cardinal Charter	5,000		6.574	4.400	21.070	5,000
92Y	Envision Science			6,574	4,400	21,273	32,247
024	Academy Haliwa-Saponi Tribal			4.060	4.400	12 542	21.012
93A	School			4,969	4,400	12,543	21,912
93J	PAVE Southeast			7,835	8,216	25,118	41,168
930	Raleigh Charter			7,000	0,210	25,116	41,100
93L	Central Wake Charter					21,273	21,273
000	High School					21,270	21,270
	1 11911 0011001	<u> </u>					

93M	Peak Charter Academy	5,000					5,000
93N	Pine Springs Preparatory Academy		38,939	8,800	7,368	27,969	83,076
93P	Rolesville Charter Academy	5,000					5,000
93Q	Carolina Charter Academy: CFA		23,531	3,088		19,302	45,921
93R	Raleigh Oak Charter			3,699	4,400	10,527	18,626
94A	Pocosin Innovative Charter		7,434	3,699		9,423	20,556
94Z	Northeast Regional School - Biotech/Agri			3,699	4,400	9,423	17,522
95A	Two Rivers Community School			3,699	4,400	10,527	18,626
96C	Dillard Academy		4,081	5,941	4,400	18,939	33,361
96F	Wayne Preparatory			6,574	4,400	21,273	32,247
97D	Bridges Academy			361	1,200		1,561
98A	Sallie B Howard School	2,519					2,519
98B	Wilson Preparatory Academy		11,066	7,846	6,772	19,809	45,493
	Totals	\$339,099	\$1,424,863	\$799,472	\$599,546	\$2,998,114	\$6,161,094

Table 4B: SCI Funding to Charter, Residential, and Lab Schools Through PRC036 and for shared services, SFY22

Appendix C: North Carolina E-rate funding history report

Since the inception of the E-rate program, North Carolina public schools have procured almost \$2 billion in services and equipment. Over \$1.2 billion of that total cost has been disbursed to the schools in the form of E-rate discounts.

The following data, as of December 1, 2022, shows all North Carolina public school E-rate funding requests for all 115 districts as well as charter schools that are open today. (Closed charters are filtered out.)

The total pre-discount amount for all requested services, the amount of E-rate funding requested, the amount of funding ultimately committed by the FCC, the amount of funding disbursed, and the utilization of funds (disbursed/committed) are provided for each year that E-rate has been available.

Since the modern E-rate rules went into effect in 2015, the average total contract value for all E-rate funding sought by public schools averages out to \$84 million per year. Of that, the FCC covers about \$64 million, with the state being responsible for \$20 million per year, on average. However, as the data shows, the procurement cycle is "lumpy" and it is impossible to predict, or even regulate how schools will seek funding from year to year.

Each year, significant increases in capacity, both in the NCREN backbone and in each district's WAN. However, due to improved technology and increased competition, prices have remained stable while service levels have increased steadily. With the introduction of Category Two, whereby the FCC funds Wi-Fi networks on a per ADM budget calculation, we can predict a 5-year total contract value by multiplying the number of students by the FCC per student budget. For the 2021 to 2026 E-rate years, the budget is \$167 per student. With an estimated 1.5 million students, \$250 million in procurement for Wi-Fi, cabling, and other inside-the-school network equipment is expected.

E-rate funding for fiber connections to schools is not based on a budget, but purely on prevailing rates as discovered by public bidding. So, while Category Two spending is kept in check by the per-student budget, and the fact that all schools purchase via NCDPI cooperative purchasing agreements, the WAN connections are not regulated. This may be an area of focus in the future if it is determined that some schools are seeking more WAN capacity than is warranted based on their actual utilization.

Year	Pre-Discount	Requested	Committed	Disbursed	Requests	Utilization %
1998	\$31,248,326	\$21,645,083	\$21,511,196	\$17,384,524	1,889	81%
1999	\$42,380,935	\$29,274,407	\$28,605,610	\$24,662,986	1,596	86%
2000	\$30,508,564	\$21,002,184	\$20,915,884	\$17,740,889	1,006	85%
2001	\$30,523,010	\$20,651,680	\$20,144,577	\$16,038,416	1,199	80%
2002	\$64,699,501	\$50,042,884	\$48,117,223	\$39,627,468	1,645	82%
2003	\$63,794,563	\$48,166,547	\$45,339,691	\$37,042,927	1,733	82%
2004	\$53,567,285	\$39,003,187	\$37,480,433	\$30,336,639	1,757	81%
2005	\$69,417,671	\$52,303,301	\$51,371,153	\$43,935,035	1,480	86%
2006	\$65,879,854	\$48,875,401	\$47,887,208	\$40,370,952	1,040	84%
2007	\$80,792,022	\$60,984,017	\$58,100,273	\$49,841,069	1,418	86%
2008	\$76,163,946	\$57,568,968	\$56,887,067	\$50,518,264	1,060	89%
2009	\$84,401,239	\$63,457,778	\$61,784,681	\$53,100,467	1,065	86%
2010	\$103,111,421	\$80,929,601	\$78,383,086	\$66,437,425	1,194	85%
2011	\$93,713,659	\$73,263,883	\$71,739,371	\$63,832,428	998	89%
2012	\$102,410,695	\$80,803,818	\$80,199,245	\$71,535,281	947	89%
2013	\$88,454,499	\$67,817,838	\$67,383,173	\$60,484,292	824	90%
2014	\$89,784,592	\$68,951,432	\$68,504,594	\$60,406,953	812	88%
2015	\$141,914,738	\$107,275,132	\$107,253,515	\$102,747,826	1,680	96%
2016	\$136,451,141	\$96,818,647	\$96,818,647	\$88,953,554	1,238	92%
2017	\$89,560,596	\$59,898,790	\$59,701,049	\$55,379,235	982	93%
2018	\$87,908,458	\$63,375,819	\$63,375,819	\$55,603,457	1,094	88%
2019	\$90,306,212	\$69,627,704	\$69,615,613	\$65,141,129	1,589	94%
2020	\$88,555,866	\$67,322,778	\$67,322,778	\$62,145,043	2,149	92%
2021	\$102,101,692	\$77,285,398	\$77,285,398	\$52,282,099	581	68%
2022	\$77,344,128	\$59,515,665	\$59,515,665	\$8,657,292	384	15%
TOTAL	\$1,984,994,61	\$1,485,861,941	\$1,465,242,94	\$1,234,205,649	31,360	

Table 6: 1998-2022 NC public school E-rate Utilization

Table 7 shows only Category Two funds associated with the Wi-Fi Expansion Program, which began in 2015, funded initially by the State with Race to the Top. Under this program, NCDPI developed statewide convenience contracts. The educational discounts offered by the vendors provided significantly lower pricing for even the small districts, enabling all schools to maximize their buying power while allowing choices from multiple vendors. In February

2020, new CPAs, with 23 original equipment vendors and 30 resellers, were established for the next five years.

The utilization for 2021 and 2022 is low because these funding years are still in progress. Schools have until September 30 of the following year, or 180 days after the FCC commits funding to complete their procurements. This is one of the reasons that reporting E-rate data is so complex; each E-rate funding year spans three state fiscal years.

Year	Pre- Discount	Requested	Committed	Disbursed	Requests	Utilization
2015	\$43,505,225	\$35,240,441	\$35,169,921	\$34,848,226	597	99%
2016	\$54,112,168	\$40,613,575	\$38,350,865	\$37,701,108	692	93%
2017	\$28,467,894	\$19,433,080	\$17,212,200	\$17,085,583	537	88%
2018	\$29,410,379	\$20,138,474	\$19,478,840	\$18,943,001	800	94%
2019	\$33,988,195	\$25,211,283	\$22,831,147	\$21,271,140	1116	84%
2020	\$40,531,828	\$29,471,019	\$29,471,019	\$27,352,030	1,949	93%
2021	\$53,638,223	\$39,166,361	\$39,166,361	\$24,182,200	398	62%
2022	\$39,157,072	\$29,359,764	\$29,359,764	\$3,793,057	227	13%
Grand Total	\$322,810,983	\$238,633,999	\$231,040,117	\$185,176,343	6316	

Table 7: NC Category Two E-rate Utilization Through NCDPI Contracts (2015-2022)

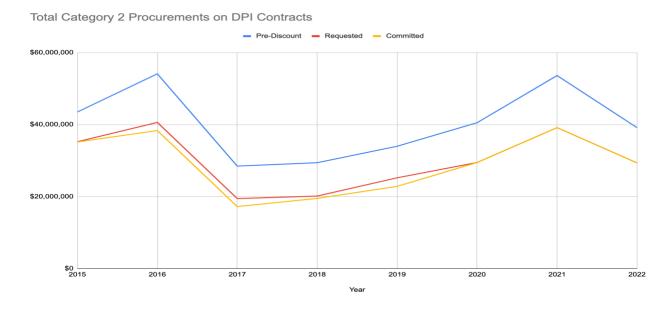


Figure 7: NC Category Two E-rate Utilization Through NCDPI Contracts (2015-2022)

The following graph shows Category Two utilization across the larger states of the nation. Of the 15 largest states, North Carolina ranks 7th in terms of the percentage of Category Two budget used in this 5-year cycle, with 56% consumed. Given that we are in year 3 of a 5-year budget cycle, North Carolina is positioned perfectly to use most of the available funding, without the risk of having a massive shortfall. The top 15 largest states are bound by Pennsylvania, which has only consumed 32% of the available budget, and Arizona which has consumed 73%.

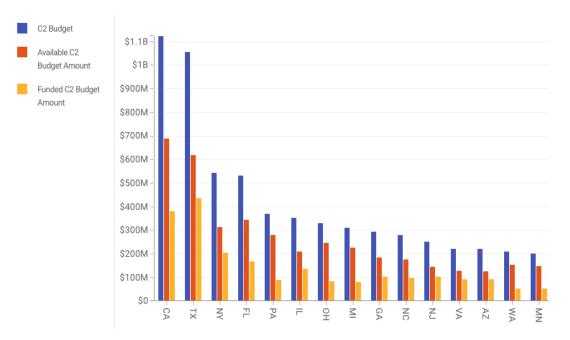


Table 8: Nationwide Category Two E-rate Utilization (2021-2026 Budget Cycle)