2021-22 Budget Work Session

Charlotte-Mecklenburg Board of Education January 26, 2021



AGENDA

- Budget Overview & Context
- COVID-related Funding Updates
 - Coronavirus Relief Funding (CRF)
 - CARES Act Funding
 - GEER Funding
 - Coronavirus Response and Relief Supplemental Appropriations Act (CRRSA)
- Focus Area Teams' Work
- Board Feedback
- Capital Update

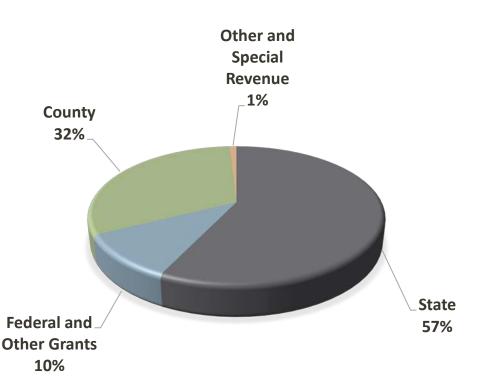


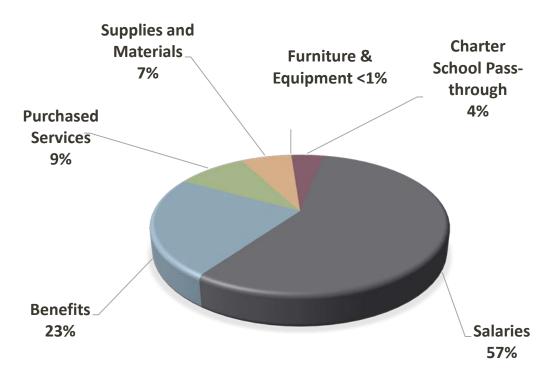
Budget Overview & Context



2020-21 Operating Budget



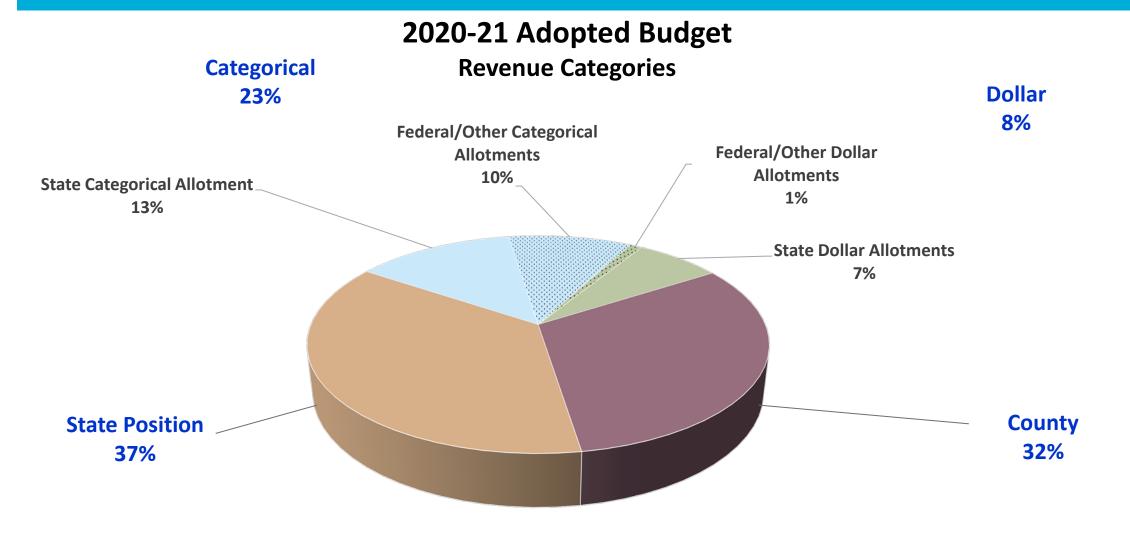




\$1.67 billion – 2020-21 Operating Budget* 140,073 20th Day Enrollment

\$11,388 Budgeted Cost per Pupil (without charter school pass-through funding)





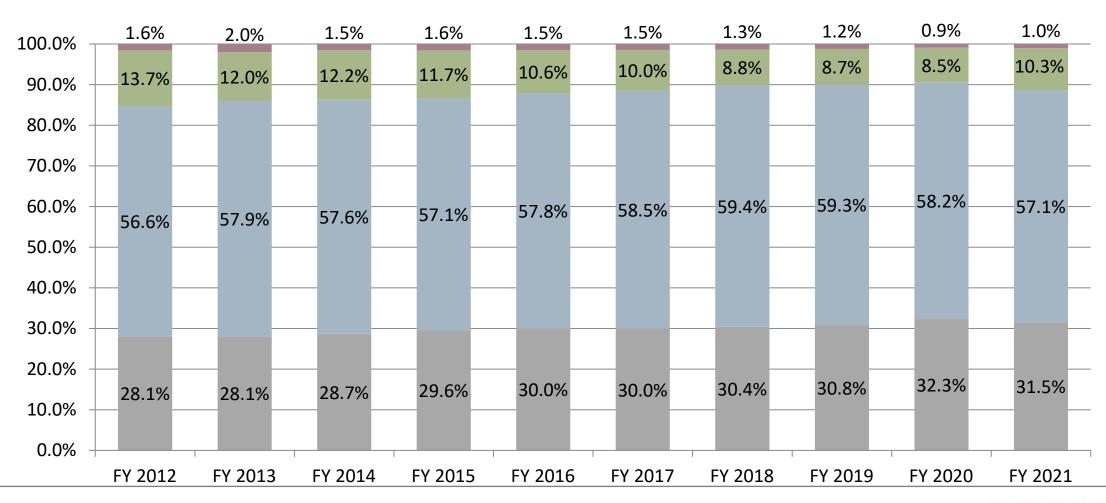
- State Position Allotment
- **Federal/Other Dollar Allotments**

- State Categorical Allotment
- State Dollar Allotments

- Federal/Other Categorical Allotments
- **■** County Purpose/Function

Sources of Revenue

% of revenue by source holding relatively consistent in recent years



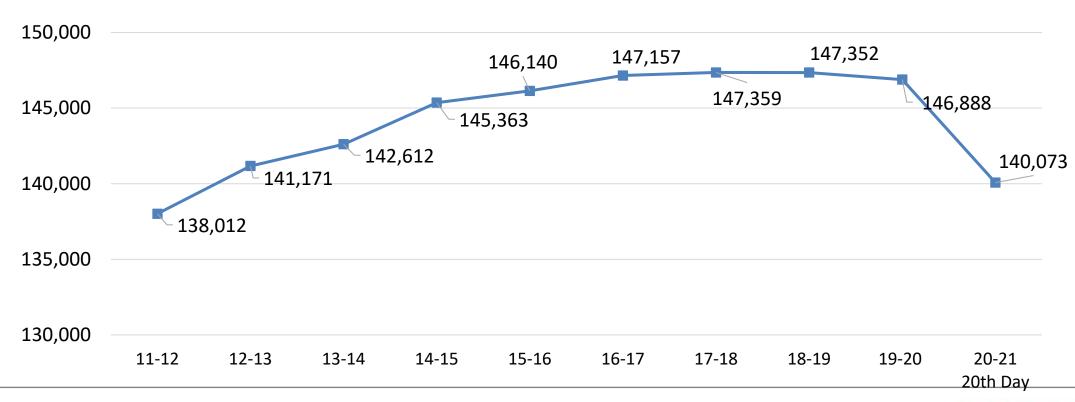
County

CMS Enrollment Trend

20th Day enrollment for 2020-21 is 140,073 students

- significant decline from prior year likely due to pandemic circumstances

Student Enrollment (20th day)

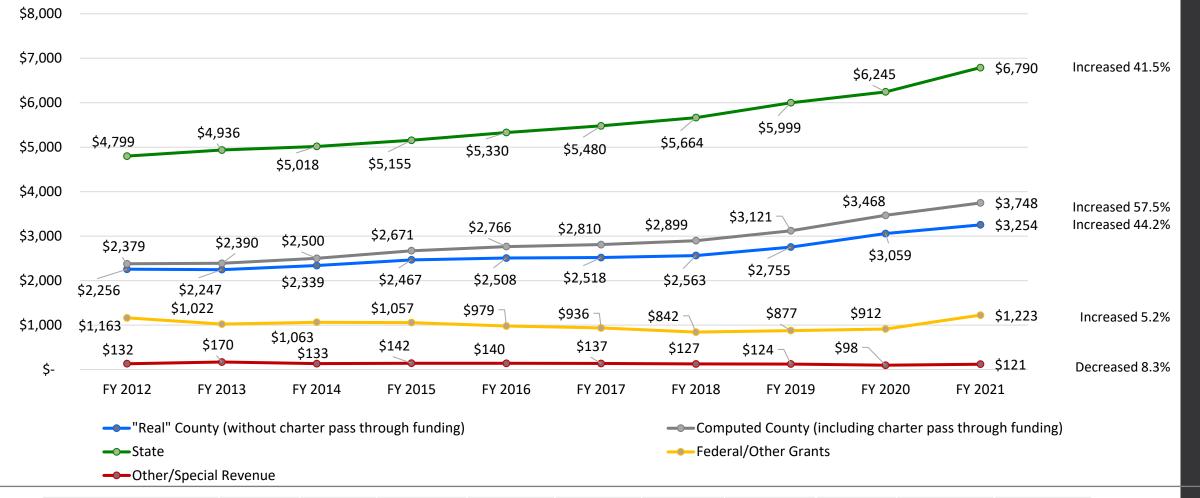






Overall per pupil increase of 36% since 2012 for CMS students

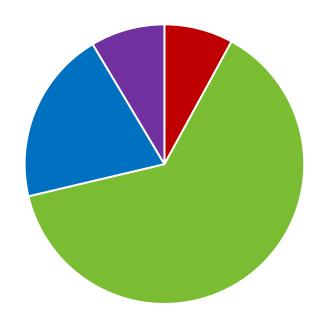
% change since 2012



	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21
CMS Budgeted Per Pupil (without charter \$\$)	\$8,350	\$8,375	\$8,553	\$8,821	\$8,957	\$9,071	\$9,196	\$9,755	\$10,314	\$11,388

Uses of Total Operating Budget Increase Since FY2011: A Different Perspective

Total Increase \$514.2 million Since FY2011



	<u>Total</u>	Remaining
Total Increase since FY2011	\$514.2	
Charter School Pass-through increase \$ Not retained for CMS students	-\$53.4	\$460.8
Salary & Benefit increases Primarily state mandated	-\$424.9	\$35.9
Sustaining, Growth and New Space Day-to-day operating expenses	-\$134.9	-\$99.0
Reductions and Redirections Realignment of existing resources	\$156.6	\$57.6
What was left New initiatives to support Strategic Plan goals	\$57.6	



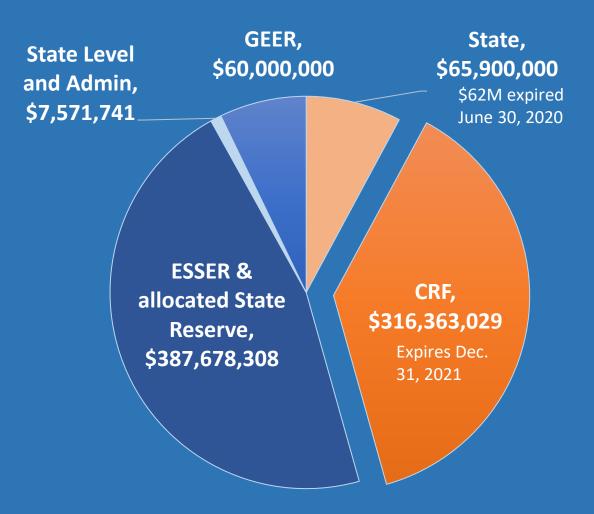
COVID Related Funding Update



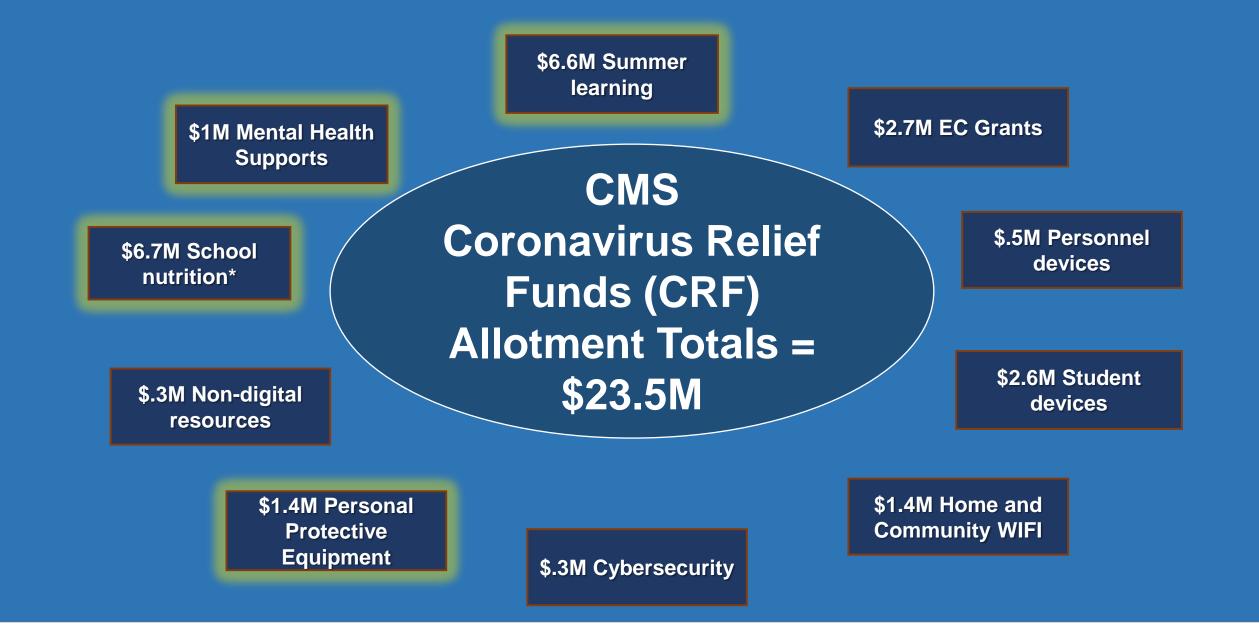
Breakdown of COVID Funds

Total COVID funds \$837,513,078

2019-20 Total K-12 State Fund \$10,367,586,225









STATE CORONAVIRUS RELIEF FUNDING (CRF): \$23.5M

Coronavirus Relief Funding (CRF):

For targeted purposes in response to COVID-19

Summer Learning Program — e-books, professional development, math resources and iPads for 1^{st} grade	\$ 6.61
 Physical/Mental Health Supports Licensed practical nurses to provide coverage for isolation rooms and support for schools with nursing vacancies Contracting with private psychologists to support the EC evaluations delayed due to school closures in spring 	
Non-digital Resources – print resources	
Student Computers and Devices — additional Chromebooks and iPads for remote learning and to maintain 1:1 device ratio	2.61



ATE CORONAVIRUS RELIEF FUNDING (CRF): \$23.5M	
School Nutrition (\$6.7M allocated; \$3.7M carried into FY21) – to cover costs associated with meal continuity for students	\$ 6.7M
Personnel Computers and Devices – mobile computing technology (iPads/laptops) for teaching assistants based on school need	0.5N
Home and Community Wi-Fi — hotspots for students without reliable internet access at home	1.4N
Exceptional Children – supplies and staff stipends to complete required special education evaluations	2.7N
Cyber Security – support and development of third-party audit of technology security policies, standards and cyber incident response plan; implementation of formal technology continuity plan	0.3N
Personal Protective Equipment (PPE) – gloves, face masks, face shields, protective barriers, protective clothing, hand sanitizer, wipes, COVID-19 testing	1.4N



Coronavirus Relief Funds (CRF) Budget Status Update

Adopted Budget: \$16,903,504

Revised Budget: \$20,475,818

Encumbered/Paid: \$19,631,568

Planned Initiatives: \$844,250

PLANNED INITIATIVES

- Additional Student Computers and Devices
- Exceptions Children recovery services and extended employment
- Cybersecurity firewalls and threat prevention software
- Additional Personal Protective Equipment



Original Budget: \$6,347,404

Revised Budget: \$6,587,904

Encumbered/Paid: \$5,056,361

Planned Initiatives: \$1,531,543

ACADEMICS

- Online learning tools
- Intervention & progress monitoring tools
- 8,990 new AP/IB textbooks with online access
- Over 1 Million SORA content credits for eBooks to support delivery of EL curriculum
- Master scheduling
- Curriculum development
- Student Enrollment Communications
- Flexible learning & change management PD

Strategy 1: Focus on the Core

Action: Personalize Learning for Students



TECHNOLOGY

Original Budget: \$9,682,165

Revised Budget: \$9,915,165

Encumbered/Paid: \$9,909,809

Planned Initiatives: \$5,356

 Over 23,000 iPads for Kindergarten - 2nd grade (includes licenses, security software installation, protective case, & 3-year warranty)

ZoomEDU platform for all instructional staff & students

Strategy 1: Focus on the Core

Action: Personalize Learning for Students



Original Budget: \$7,112,733

Revised Budget: \$7,112,733

Encumbered/Paid: \$2,654,734

Planned Initiatives: \$4,457,998

OPERATIONS

- 150,000+ pieces of COVID & safety related signage in all schools
- HVAC Air Optimization in 17 schools
- Needlepoint Bipolar Ionization Technology
- 200 Dehumidifiers, 225 Hand Dryers, 180 Backpack Sprayers & Disinfectant
- Personal Protective Equipment (PPE):
 1,500 thermometers, 1,000 boxes of gloves, 40,000 face shields, & 500 safety googles
- 450 hand sanitizer stands, 150 dispensers, 1,000 Desk Shields; 100 Reception Barriers
- Bottle Filler Water Stations

Strategy 2: Manage our Performance

Action: Create Aligned Work Plans in Every

School & Department



Original Budget: \$1,842,044

Revised Budget: \$349,246

Encumbered/Paid: -

Pending Initiatives: \$349,246

PRIVATE SCHOOLS

- Initial calculation was based on total student count
- Following federal lawsuits, districts were instructed to recalculate proportionate share for equitable services based on Title I eligibility criteria
- Number of participating schools decreased from 32 to 17
- Currently consulting with schools on how to use their funds



Original Budget: \$1,127,417

Revised Budget: \$1,321,086

Encumbered/Paid: \$545,512

Planned Initiatives: \$775,573

ADMINISTRATION

Staff:

- 2 Program Specialists
- 1 Sr. Administrative Secretary
- 1 Salary Differential

funded through September 30, 2022 (Tydings Amendment)

• Indirect Cost @ 2.467%

Strategy 2: Manage our Performance

Action: Create Aligned Work Plans in Every

School & Department



UNBUDGETED RESERVES

Original Budget: \$7,360,359

Revised Budget: \$8,272,117

Encumbered/Paid: \$2,620,332

Planned Initiatives: \$5,651,785

 Change in proportionate share for equitable services for private schools

- Planned Initiatives:
 - Nurse Extenders
 - Unexcused Absence Letters
 - COVID Leave Pay (Phase I & Phase II)

Strategy 2: Manage our Performance

Action: Create Aligned Work Plans in Every

School & Department



New COVID Stimulus Funds

Coronavirus Aid, Relief, Economic Security Act (CARES) includes additional funding streams that we anticipate receiving soon:

- Elementary & Secondary School Education Relief I (ESSER I):
 - Digital Curriculum (\$1,040,446)
 - Canvas Learning Management System (\$467,500)
- Governor's Emergency Education Relief I (GEER I):
 - Specialized Instructional Support Personnel (\$3,390,521)
 - Supplemental Instructional Services (\$1,763,222)

Coronavirus Response and Relief Supplemental Appropriations Act (CRRSA)

- Elementary & Secondary School Education Relief II (ESSER II)
 - Allowable uses of funds are similar to CARES Act ESSER I
 - Two additional uses: initiatives geared to combat learning loss and facility repairs/upgrades
- Governor's Emergency Education Relief II (GEER II)

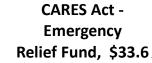


Summary of COVID-19 Funding

Total COVID-19 Funding to Date: \$63.8M

Note: CRRSA Act (ESSER II) anticipated in

late spring

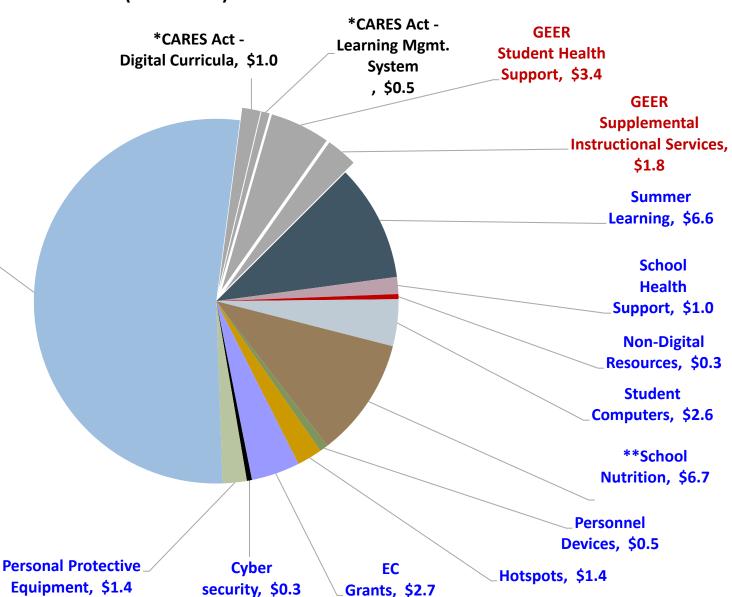


* Reflects funding not yet received

** Initial allotment \$6.7M; \$3M spent in FY20

Note: graph does not reflect FY20 emergency state funding of \$2.4M





Focus Area Teams Work



Alignment with Strategic Plan 2024

Three Goals

Every student graduates with meaningful employment or higher education opportunities.

Every student has access to a rich, diverse and rigorous curriculum.

Every student has access to more social and emotional support.

Targets

Graduate 100% of students

95% of students graduate with their 4-year cohort

75% of students graduate with at least one DPI endorsement

Cut achievement gaps in college/career readiness by at least 50% overall and for each sub-group

Increase access to rigorous coursework overall and for each sub-group

Focus Areas

Great Teaching

Time (OSS/ISS)

Student Wellness

Access to Advanced Coursework

Academic Performance

Health of the District



Focus Area Teams

What are they?

Cross-functional groups of employees who develop a holistic and deep understanding of a focus area. These teams define the work and suggest the strategies to address the issues. The team serves as liaisons to departments and key stakeholders as experts in the focus area. The teams are responsible for monitoring and reporting results.

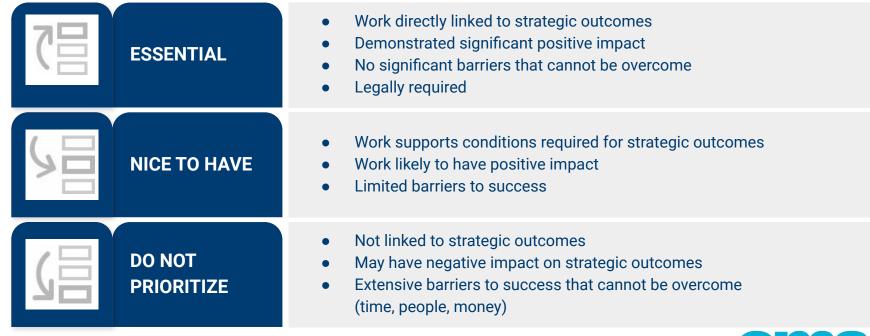
Objectives:

- Analyze current state of the focus area and identify the gaps/issues that need to be solved
- Recommend strategies to overcome the gaps
- Recommend budget priorities for 21-22
- Develop action plan which includes clear, measurable goals, key actions, leading and lagging outcomes
- Review progress toward goals, assess status of plans, share results

Focus Area Teams are challenged with discerning which work is most essential to the district.

- We can provide the best education possible by focusing our people, resources and money on the strategies identified in SP2024.
- When we lack strategic focus we undermine our impact -- even if the work provides some benefit.
 - Schools are overwhelmed by options and competing priorities
 - Staff are stretched thin -- too many good things can be unsustainable.
- Building an understanding of our current state and the contributing scope of work will increase our ability to transform these focus areas.
- As an organization, in order to advance what's most essential to achieving our strategic plan targets, we will categorize current work and prioritize new initiatives.

Categorize the Work



Our Response to a Crisis

- Since March, our community has been impacted by a global health crisis.
- In the wake of the pandemic, our students and staff have experienced a radical shift in their day-to-day lives and learning environments.
- Our teams are developing unprecedented strategy during an unprecedented time in education.
- Investments in our core instruction and mitigating learning loss is mission critical.

For Each Focus Area:		Explanation			
SI CI br	deview each focus area ummary. hampions & Team Leads will riefly share an overview of initial utputs from their teams.	Present summary slide - strategies and initiatives for 21-22			
in al di	ask clarifying questions & andependently note lignment/potential isconnect ach board member will have 1 inute for clarifying questions fter each summary slide.	 Clarifying questions are matters of fact Are there any additional facts you need? Is there any information you need in order to better understand any of the priorities? 			
After All Focus	Area Presentations:	Explanation			
3 fe	Provide warm & cool eedback ach Board member will have 2 ainutes each for warm & 2 minutes ach for cool feedback.	Warm feedback: areas of alignment, agreement • "It seems important" • "I want to make sure to keep" • "Considering the targeted outcomes, I appreciate" Cool feedback: possible disconnects or gaps, things to explore • "I wonder if" • "One way to more closely align the purpose is" • "The team may consider exploring"			

Feedback Process Overview

Great Teaching

We will focus on strengthening the instructional core by increasing the level and complexity of content, building the knowledge and skill of teachers, and increasing student engagement as independent learners.

We will focus on ensuring all students are taught by certified, highly effective, well-trained teachers

CINS Charlotte-Mecklenburg Schools

Differentiated Core: Curriculum ELA, Math, Science, Social Studies, Magnet Programs, Dual Language, CTE, PreK, English Language Learners, EC, Advanced Studies, JROTC, World Languages, Library Media, Arts, and Health and Physical Education What we provision to strengthen the Supplemental and Intensive Interventions instructional core Social Emotional Learning **Digital Tools Developing the Skills of** Race, Power and Bias Teachers Differentiated Core ELA, Math, Science, Social Studies, Magnet Programs, Dual Language, CTE, PreK, English Language Learners, EC, Ensuring all teachers in front of our Advanced Studies, JROTC, World Languages, Library Media, Arts, and Health and Physical Education students have the skills and Supplemental and Intensive Interventions disposition to deliver curriculum in a Social Emotional Learning way that is on grade-level and **Digital Tools** culturally responsive. **Monitoring Effectiveness** Continuous School Improvement 03 **Evidence of Core Actions** Performance Management Ensuring usefulness and value of Interventions provisioned resources

Student Wellness

We will focus on increasing the social emotional and mental health supports provided to all students while developing an organizational culture that supports the social-emotional wellness of all members.

01	Staff Support Build internal capacity to support student wellness.	 Increase counselors, social workers and psychologists in schools Professional learning for Student Services Professionals aligned to national model Build faculty and staff knowledge of effective school culture / discipline practice Support for schools and teachers in establishing inclusive classroom climates and effective core behavior practices
02	Tools & Resources Invest in high quality tools and resources to provide to schools.	 Social Emotional Learning Curriculum (K-12) SEL Screener Integration of physical wellness supporting link with social-emotional wellness Restorative practices Evidence based SEL intervention resources
03	Student Support Broaden access to student supports for specific populations.	 Increased first language support for EL students to access social and emotional supports Access to school based mental health services Access to required enrichment for homeless student Continued CMS mobile crisis team support



Access to Advanced Coursework

We will focus on ensuring all students, have access to and experience success in rigorous/advanced courses, with a particular focus on closing gaps among groups of students who are historically underrepresented in advanced courses.

We will increase the number of students graduating in 4 years with at least one Department of Public Instruction endorsement.



Student Supports AIG Identification 01Implement systems that surface and **AVID** capture every student's hopes and School Counseling Dashboard dreams, and their progress toward, **Naviance** and ultimate readiness to pursue them. **School and Staff Supports** Access 2024 Student Advisory (beyond the Provide centralized supports to help counseling suite) schools implement structures and routines in response to student **AVID** aspirations and progress toward goals Advanced Placement **Advanced Courses** Math I for Middle School Students International Baccalaureate Provide a portfolio of equitably 03Cambridge distributed, high quality advanced coursework options and associated **Dual Enrollment** programs. TD/Catalyst Career and Technical Education **Professional Development** Race, mindset and bias for teachers, teacher leaders and building leaders Providing proper training and AVID, AIG licensure resources for students and staff to extend access to advanced Content specific professional coursework equitably development (e.g., CTE, IB, etc.)

Time (OSS/ISS)

We will focus on maximizing instructional time for students, reducing chronic absenteeism and out-of-school suspension disproportionality.





Academic Performance

We will focus on building a system to support district-wide implementation of supplemental and intensive academic supports, that supplements but does not replace, high quality daily instruction.

Stated otherwise, we will build and implement a system that: 1) identifies students with significant academic need in ELA and mathematics, 2) provides evidence-based interventions at every school, to provide targeted assistance in the area of need, 3) ensures students receive the extra help they need as prescribed, and 4) monitors throughout the school year if that help results in improved academic skills.



Universal Screening

Identify students with significant academic need.

Timely administration of a valid and reliable screener of ELA and mathematics basic skills

Data-informed decision making

Create support structures that enable us to identify students with significant academic need.

- Development and support of school-based teams to use screener data to connect. students to needed supports
- Use of a diagnostic assessment to pinpoint learning assets (to build upon) and learning needs (to strengthen)

Evidence-Based interventions

Provide students targeted assistance in areas of need.

- Selection of supplemental and intensive interventions for ELA and math (K-12)
- Master schedule development to ensure availability of needed intervention time PD for volunteers, teachers, and/or "interventionists to implement intervention

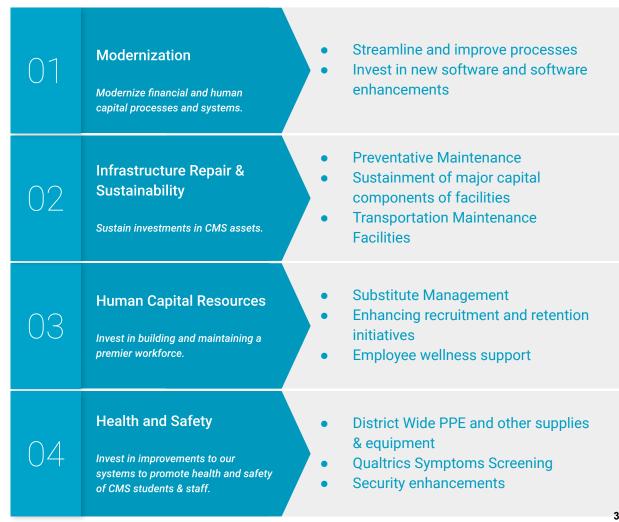
Progress Monitoring

Monitor progress to identify if targeted assistance improved academic skills.

- Monitoring pace and dosage of intervention provision for students
- Monitoring student academic progress multiple times a year
- Communicating with families regarding academic progress, strengths and needs

Health of the District

We will focus on sustaining & improving high quality support services and investing in our people, both of which are critical to our success and provide a foundation for our work. We will focus on operational improvement and innovation in non-instructional areas.







Charlotte-Mecklenburg Schools
Projected 5-year Facility Sustainment and
Preventive Maintenance Plans
FY2022 - FY2026



Background

- Multiple requests in the late 1990's and early 2000's to fully fund comprehensive sustainment and preventive maintenance (PM) plans resulted in minimal and intermittent funding commitments. This created significant deferred maintenance over time.
- In 2014-2015, Building Services developed and presented 5-year proactive facility sustainment and PM plans (FY2017 to FY2021) to the Board of Education on December 8, 2015 and the Board of County Commissioners on February 9, 2016.
- In summary, the projected 5-year sustainment plan equaled approximately \$150 million or an average of \$30 million annually. The projected annual PM and minor repair plan reflected a need of \$16.9 million totaling \$84.5 million over five years.
- In June 2016, Mecklenburg County Commissioners approved a 5-year commitment of \$18 million/year for deferred maintenance/sustainment projects (2021 was reduced to \$13 million) to support this work; however, there was no recurrent commitment for PM projects.



Facility Sustainment and Preventive Maintenance Plans Why is This Committed Funding So Important?

Council of Great City Schools Study

"Reversing the Cycle of Deterioration in the Nation's Public School Buildings"

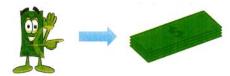
- Promotes safe and healthy learning environments. Numerous studies reveal a correlation
 of student achievement and condition of school buildings to include HVAC/indoor air
 quality, lighting, and acoustics. Decreases frequency of disruptions to delivering
 instructional programs.
- Allows for the preventive and regular maintenance, minor and capital repairs, and capital
 system and component replacements that are needed to extend the life of the facility to
 achieve its projected life expectancy.
- *Minimizes premature failure of buildings and equipment*, requiring significant and often unbudgeted capital expenditures.



Maintenance Classification Categories of Work

- 1. Facility Sustainment consists of component overhaul or major replacement tasks. These tasks extend a component lifetime and reset the PM schedule and minor repair tasks.
- 2. Preventive Maintenance (PM) and minor repair consist of scheduled tasks that sustain a component's level of service during a prescribed lifetime.

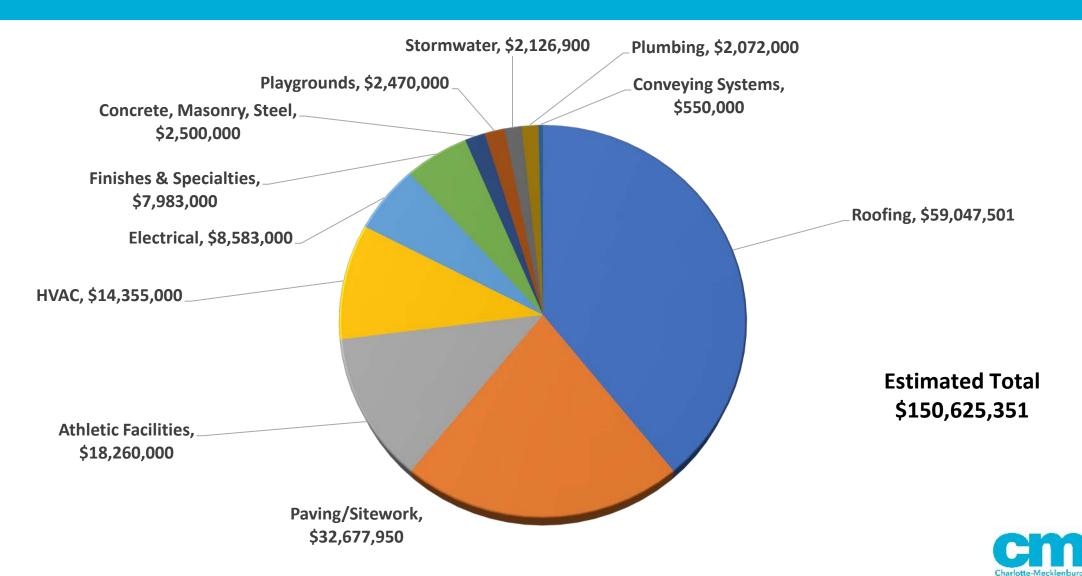
Studies indicate that every \$1 of preventive maintenance that is deferred will result in \$4 of future expenditures to ultimately repair or replace building systems.



3. Unplanned Maintenance consists of work orders in response to service calls, emergency responses and other tasks that cannot be individually anticipated.



FY2017 - FY2021 Sustainment Plan



FY2017 - FY2021 Sustainment Plan

- Funding of the sustainment plan over the last five years resulted in capital replacement and/or repair projects of varying scope of work at 169 schools
- Where we stand today:

In total, we completed or will complete in 2021 projects valuing

\$107.9 million

County provided Sustainment Funding

\$85 million

- Other Funding Sources (including annual capital outlay) \$22.9 million
- Projects cancelled due to demolition, leased or sold

\$7 million

Projects carried forward to FY2022 - FY2026 Plan

\$35.7 million

Total Projected

\$150.6 million



5-Year Sustainment and Preventive Maintenance Plans FY2022 – FY2026 Funding Projection

Plan Category	Annual	5-Year
Preventive Maintenance Plan	\$14,417,130.00	\$72,085,650.00
Sustainment Plan	\$33,650,117.40	\$168,250,587.00
Total	\$48,067,247.40	\$240,336,237.00

The 5-year model will be assessed and updated annually.

Variables include:

An updated facility assessment
Replacement cycle of systems
Building utilization rate
Preventive maintenance findings
Rate of new construction – more square footage
Funding level from previous year(s) – deferred maintenance



CMS Facility Sustainment Components

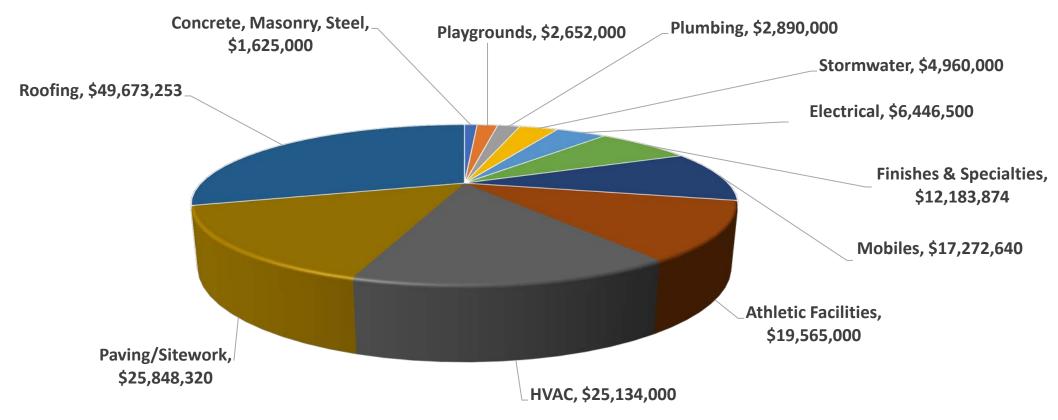
* Listed in alphabetical order

- 1. Air Quality
- 2. Athletic Facilities
- 3. Cabinetry & Casework
- 4. Concrete, Masonry, Steel
- 5. Conveying System
- 6. Door, Windows, Glass
- 7. Electrical
- 8. Finishes and Specialties
- 9. Fire Protection
- 10. HVAC

- 11. Mobile Classroom Renovations
- 12. Paving / Sitework
- 13. Playgrounds
- 14. Plumbing
- 15. Roofing
- 16. Storm Water Management
- 17. Thermal & Moisture

Operations staff developed criteria to assess and rate the existing condition for each component. This systematic and detailed approach was conducted for each CMS building and has informed the annual sustainment funding models.

FY2022 – FY2026 Projected Sustainment Plan Costs by Category



Total \$168,250,587

Note: Costs are projected and subject to change



Preventive Maintenance

- Annually, approximately \$2.1 million is spent by CMS on critical PM services as prioritized from our operating budget (e.g., fire safety services, sprinkler, fire alarm monitoring, elevator, surveillance camera, swimming pool, etc.)
- We are fortunate to have received one time funding from Mecklenburg County in the amount of \$5 million in FY2020 and \$2.82 million in FY2021 operating budgets to address some of our PM needs; however, our annual projected need is \$14.4 million

Other examples of PM services include:

- Optimization of HVAC equipment
- HVAC filter replacement
- Chiller and Cooling Tower
- Roof cleaning
- Fire ant treatment
- Bleacher inspections
- Emergency generators

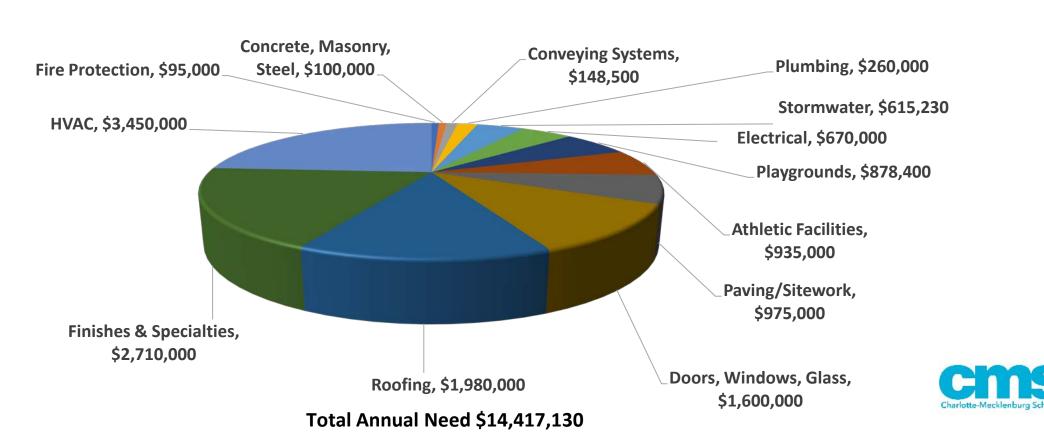




Annual Preventive Maintenance Need

By funding preventive maintenance, CMS will be able to:

- Impact all schools with various types of preventive maintenance needs
- Provide a better environment for students and staff
- Provide increased time between capital replacements
- Getting closer to moving from a reactive model to a predictive model

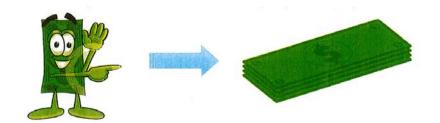


Facility Sustainment and Preventive Maintenance Plans Why is This Committed and Consistent Funding So Important?

If CMS receives full funding to support these plans ongoing, it expected that over time it would result in:

- Decreased frequency of disruptions to delivering instructional programs
- Increased funding to allow for the preventive and regular maintenance, minor and capital repairs, and capital system and component replacements that are needed to extend the life of the facility to achieve its projected life expectancy
- *Minimized premature failure of buildings and equipment*, requiring significant and often unbudgeted capital expenditures

Studies indicate that every \$1 of preventive maintenance that is deferred will result in \$4 of future expenditures to ultimately repair or replace building systems





Charlotte-Mecklenburg Schools





Key Dates

Date	Activity	Location
Jan 26 Time: 6:00 p.m.	Board of Education Budget Engagement Session	Virtual meeting format
Feb 3 Time: 5:30 p.m.	Char-Meck Youth Council- Budget Engagement (Virtual meeting format)	Virtual meeting format
Feb 16	Community Engagement Workshop – gather feedback	Location and format of engagements TBD
Feb 18	Superintendent's Teacher Advisory Council (STAC) – Budget Update	Format TBD
Feb 23 Time: TBD	Board of Education Budget Engagement Session	Meeting format to be confirmed at a later date
Feb TBD	Professional Organizations – Budget Engagement	Virtual meeting format
Feb 24 Time: 6:30 p.m.	Community Engagement Workshop – gather feedback	Location and format of engagements TBD
March 16	Leadership Team Meeting – Budget update	Meeting format to be confirmed at a later date



Key Dates

Date	Activity	Location
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March 23 Time: 6:00 pm	Superintendent presents 2021-2022 Budget Recommendation	Meeting format to be confirmed at a later date
March 25 Time: 6:30pm	Community Engagement Workshop – gather feedback	Location and format of engagements TBD
March 30 Time: 6:30pm	Community Engagement Workshop – gather feedback	Location and format of engagements TBD
April 13 Time: TBD	Public hearing on Superintendent's budget recommendation	Meeting format to be confirmed at a later date
April 13 (tentative) Time: TBD	Board of Education Budget Engagement Work Session	Meeting format to be confirmed at a later date
April 27 Time: 6:00 p.m.	Board of Education to approve 2021-2022 Budget Request	Meeting format to be confirmed at a later date
May 4 (tentative) Time: TBD	Board of Education presents 2021-2022 Budget Request to Board of County Commissioners	Meeting format to be confirmed at a later date



Key Dates

Date	Activity	Location
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May 5	Board of Education's 2021-2022 Budget Request submitted to county	
May 6 Time: 11:00 a.m.	County Manager's Recommended 2021-22 Budget presented to Board of County Commissioners	Meeting format to be confirmed at a later date
May 12	Public hearing on Mecklenburg County's budget	Meeting format to be confirmed at a later date
TBD	Mecklenburg County adopts 2021-2022 Budget	Location TBD
July-Sept (tentative)	2021-2022 Budget finalized and approved by Board of Education	



Thank You

