SY23
State of STEM Address

10am | November 15, 2022

Chicago
Public
Schools

Purpose

Support and encourage robust community conversations by sharing information with the school community around the following:

- **CPS vision & priorities**
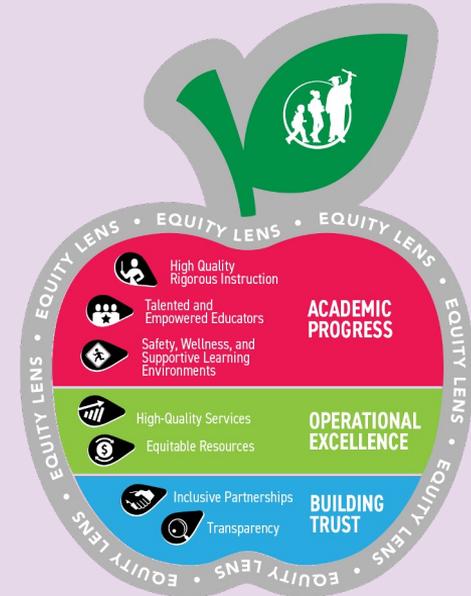- **Our school progress, priorities, & collective efforts**

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Agenda

1. **CPS Vision & Blueprint**

2. **Looking Back at School Year 2022**

3. **Looking Ahead at School Year 2023**

Part 1

1. **CPS Vision & Blueprint**

2. Looking Back at School Year 2022

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Our Vision

To provide a high-quality public education for every child, in every neighborhood, that prepares each for success in college, career, and civic life.

Vision: To provide a high-quality public education for every child, in every neighborhood, that prepares each for success in college, career, and civic life.

EQUITY LENS

ACADEMIC PROGRESS
- High Quality Rigorous Instruction
- Talented and Empowered Educators
- Safety, Wellness, and Supportive Learning Environments

OPERATIONAL EXCELLENCE
- High-Quality Services
- Equitable Resources

BUILDING TRUST
- Inclusive Partnerships
- Transparency

CPS Core Values

Student Centered
We place students at the center of everything we do.

Whole Child
We support our students so they are healthy, safe, engaged, and academically challenged.

Equity
We eliminate barriers to success and ensure equitable opportunities for all students.

Academic Excellence
We provide diverse curriculum and programs with high academic standards to prepare students for future success.

Community Partnership
We rely on families, communities, and partners in every neighborhood to shape and support our shared mission.

Continuous Learning
We promote an environment of continuous learning throughout CPS for students, teachers, leaders, and district staff.

Our North Star: The CPS Graduate Profile

The Daily Student Experience in CPS:

Affirms student identity and feelings of belonging and connectedness to their communities

Empowers students to become civic actors in our democracy

Prepares students for educational and career pathways that provide upward economic mobility

Inquisitive Learners

Empowered Decision Makers

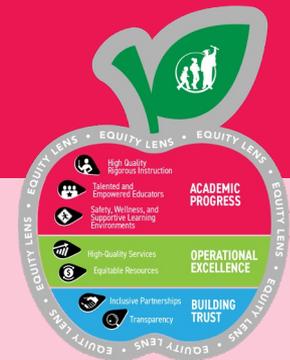**Ethical & Collaborative Leaders**

Engaged Community Members

Adaptable and Independent Thinkers

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Milestones on the CPS Student Path to Success

All CPS Students are Ready for High School

All CPS Students Graduate High School Ready for College, Career, Civic Life

All CPS Students are Proficient Readers by 3rd Grade

All CPS Students Come to Kindergarten Ready to Learn

School Year 2022-2023:
Recommitting to Academic Progress

Ensuring our students excel academically, feel supported in their environment, and graduate with the knowledge and skills to lead successful lives as adults.

High-Quality, Rigorous Instruction

We will ensure rigorous and relevant learning experiences for all students, and focus on developing our students' identity, community and relationships.

Talented and Empowered Educators

We will build the capacity of our talented educators and recruit the highest quality and most diverse teaching force in the country.

Safety, Wellness and Supportive Learning Environments

We will support the connectedness and well-being of our students and ensure all students experience physical and emotional safety and relational trust.

School Year 2022-2023:
Recommitting to Operational Excellence

Providing students, school leaders, staff, and parents with high-quality and reliable services to support their educational experience, and distributing resources equitably to meet the unique needs of every community

High-Quality Services

We will ensure that our operational services will be quality, timely, and responsive to the needs of each school community.

Equitable Resources

We will distribute resources equitably to meet the unique needs of every community and provide opportunities equitably across our district.

School Year 2022-2023:
Recommitting to Building Trust

Prioritizing community input and partnerships to build trust between CPS and the communities we serve, and being transparent with data and information to empower parents and promote accountability

Inclusive Partnerships

We will develop solutions to complex and challenging problems by partnering with our school communities. We will prioritize those with institutional knowledge, those most impacted, and those responsible for implementing change.

Transparency

We will share data and information in order to empower families to make educational decisions for their students. This will enable responsive and accountable two-way communication with our school communities.

Reimagining the Possibilities

Building on the foundation of Recommitments, we will continue to accelerate academic progress and innovate with community by Reimagining our future together.

We believe that school communities are experts in their lived experiences. To harness that power, CPS is employing an asset-based, human-centered design framework to co-create solutions to longstanding challenges with students, parents, teachers, school leaders, and school communities.

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School Vision & Mission

Mission Statement for STEM Magnet Academy

STEM Magnet Academy will provide the instructional building blocks to develop lifelong learners and 21st century global citizens. Students will become critical thinking problem solvers, who work collaboratively to improve the world around them. An engaging learning environment will promote student leaders who are capable of making evidence based decisions and develop multiple solutions for complex real world situations.

Vision Statement for STEM Magnet Academy

Through the use of cutting-edge technology and an integrated, multidisciplinary approach to teaching and learning, STEM Magnet Academy will provide a rigorous and innovative academic program, while creating the blueprint for STEM education within Chicago Public Schools.

Education at STEM Magnet Academy

The acronym STEM stands for science, technology, engineering, and math. The STEM curriculum is designed to incorporate the STEM components into all disciplines. STEM education changes the typical teacher-centered classroom by incorporating a curriculum that utilizes problem-solving, discovery, exploratory learning, and requires students to actively engage in a problem in order to find its solution.

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Part 2

1. CPS Vision & Blueprint

2. **Looking Back at School Year 2022**

3. Looking Ahead at School Year 2023

STEM Magnet Academy
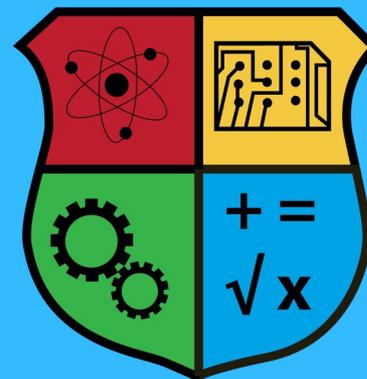
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CPS Accountability Redesign

For the last two years, the district has engaged stakeholders to redesign its approach to accountability, including school ratings.

- **This new approach will be grounded in the priorities of parents, educators, school leaders, and other key stakeholders**
- **CPS is partnering with an advisory group of stakeholders to formulate recommendations (published at CPSEngagement.com/Accountability-Redesign)**
- **Per an April 2022 Board resolution, the new approach will not include summative scores, but will focus on driving equitable and effective supports to school communities**
- **CPS is targeting April 2023 for a final Board vote on the new accountability policy, and will be publicizing additional opportunities to give your feedback. Stay tuned!**

CPS Accountability Redesign (cont.)

The transition to our new approach to accountability will include the following key milestones:

- Fall 2022 - third year with no ratings (Level 1+, 1, etc.); accountability statuses (e.g., Good Standing) carry over
- Fall 2023 - accountability statuses (which state law requires CPS to publish) are determined using the state's rating system, per **July 2022 resolution**
- Fall 2024 - first release of information (likely in the form of an **Board** updated school dashboard) under the new approach to accountability

Throughout this process, the district will continue to support school communities in making the transition to our new approach. In the meantime, please register at **CPSEngagement.com/Accountability-Redesign** for updates on the work and how to get involved.

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Impact of Pandemic on Students Across the U.S.

The New York Times

The Pandemic Erased Two Decades of Progress in Math and Reading

The results of a national test showed just how devastating the last two years have been for 9-year-old schoolchildren, especially the most vulnerable.

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NEWS

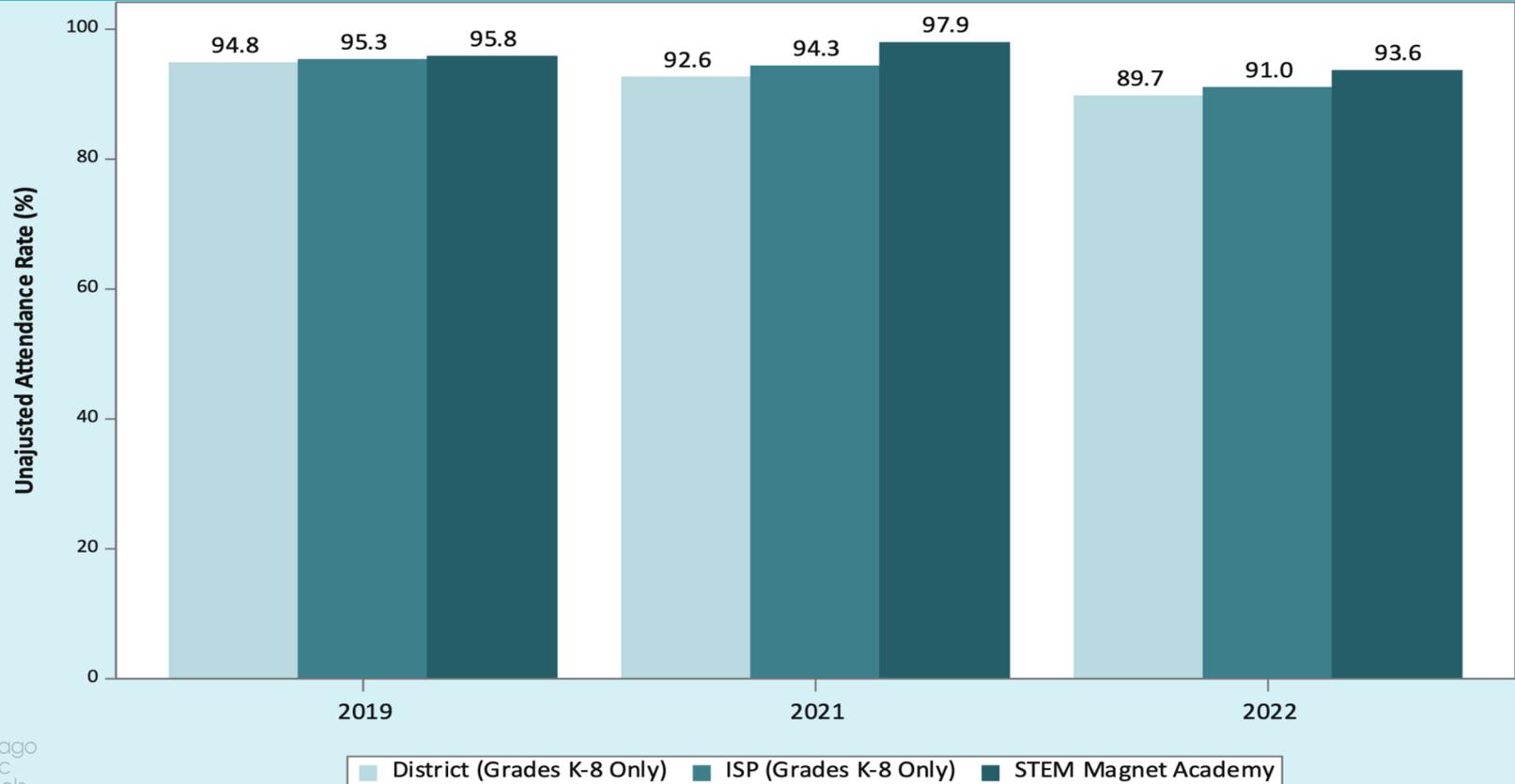**ACT reports lowest average test score in over 30 years**
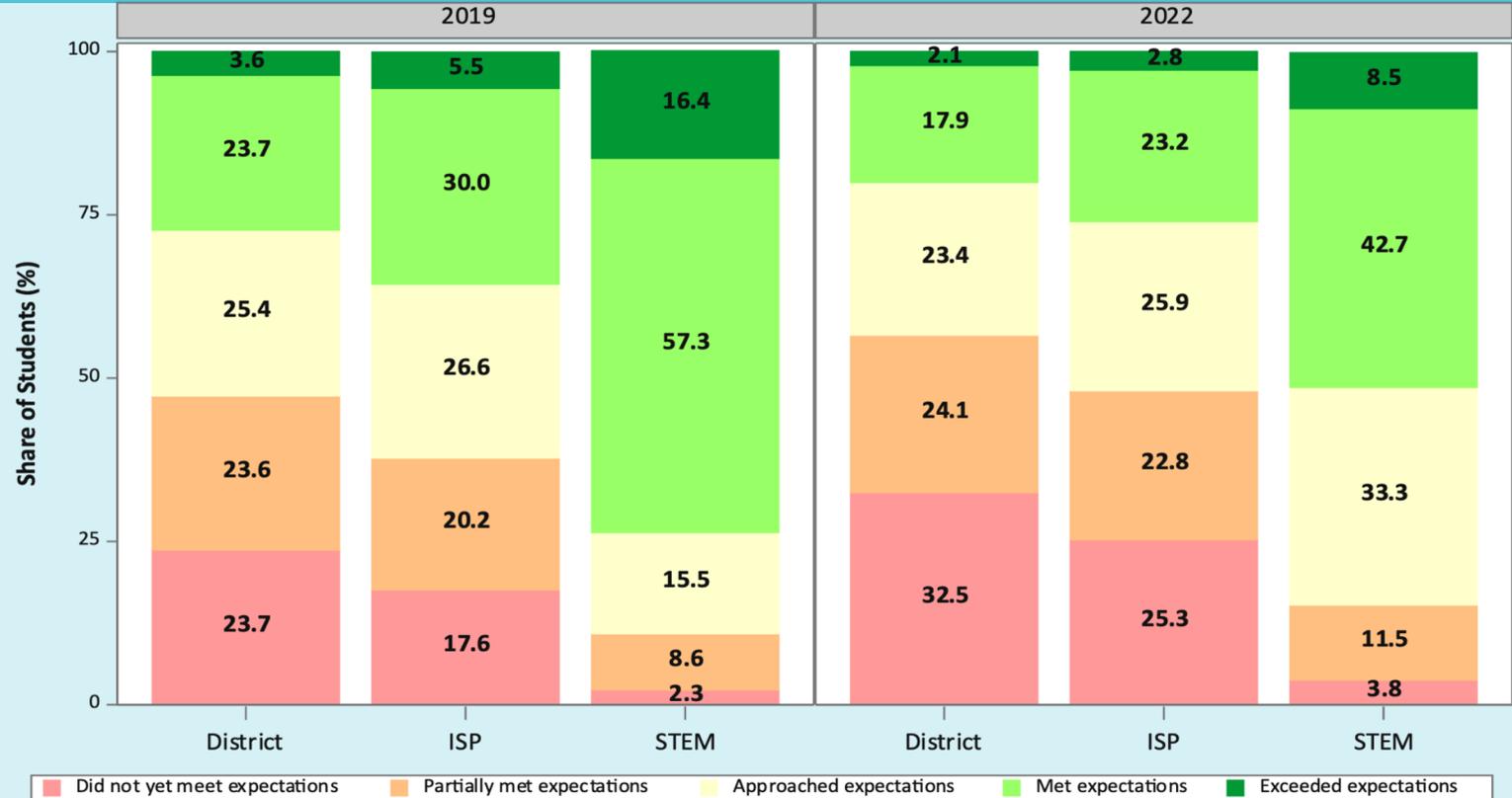
AXIOS Log In

National test scores fall to lowest levels in decades

SY22 Performance Data

Unadjusted Attendance: District, Network, & School Rates

Any metric rates with fewer than 10 students in the denominator have been redacted due to student privacy issues.
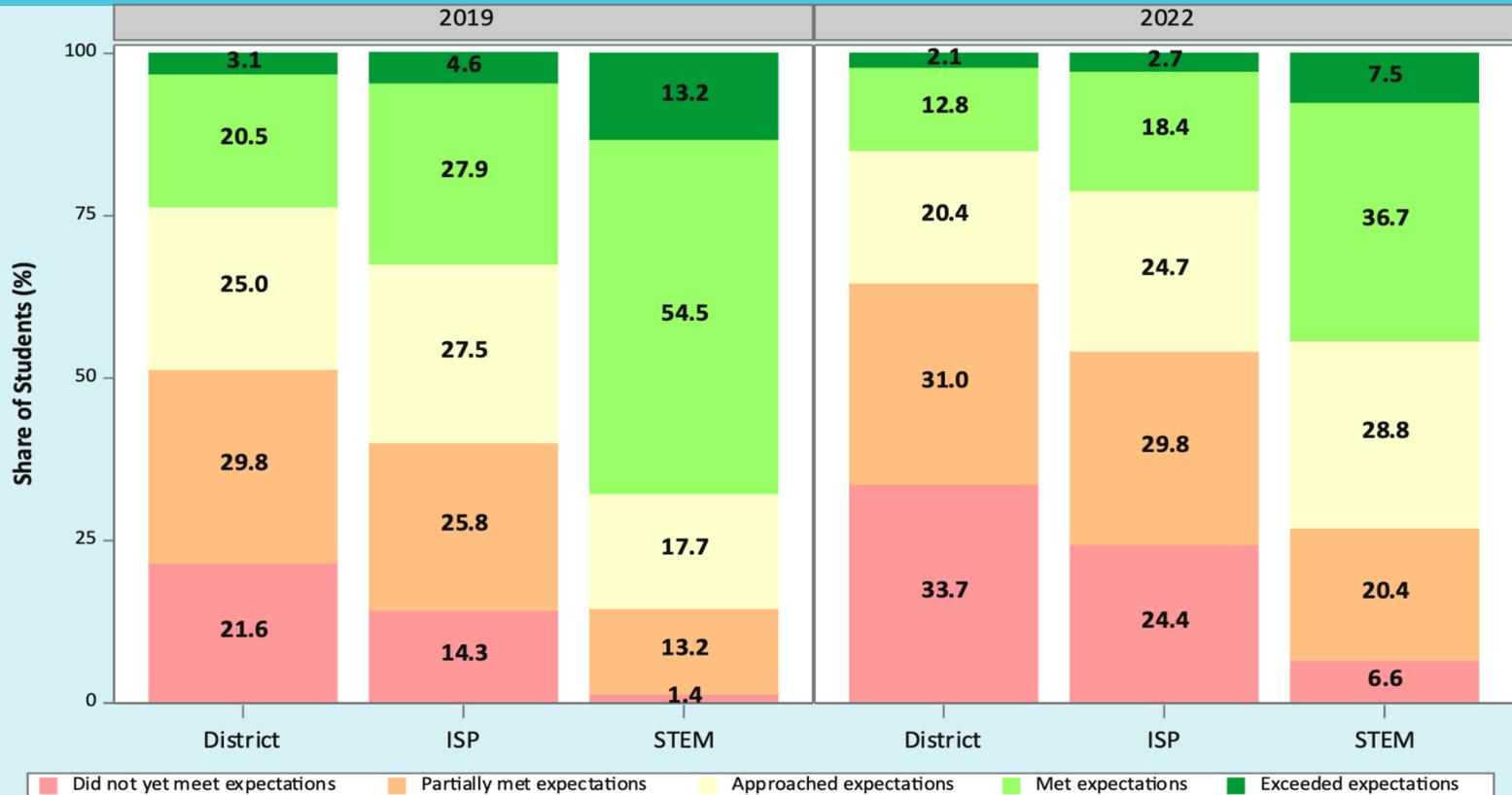
SY22 Performance Data

Percent of Students by Performance Level: IAR ELA

Any metric rates with fewer than 10 students in the denominator have been redacted due to student privacy issues.

IAR Proficiency does not include data from SY 2021 due to markedly lower participation rates.

SY22 Performance Data

Percent of Students by Performance Level: IAR Math

Any metric rates with fewer than 10 students in the denominator have been redacted due to student privacy issues.
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Part 3

1. CPS Vision & Blueprint

2. Looking Back at School Year 2022

3. **Looking Ahead at School Year 2023**

Chicago Public Schools

2021-2023 CIWP Priorities & Goals

Strategy 1

If we do… Determine focus areas for professional growth based on student data and priority groups; collaboratively develop school-wide tiering criteria and a menu of interventions; provide training for all staff members followed by a review of teacher implementation of Tiers 1-3 interventions quarterly; and provide additional MTSS supports and progress monitoring as needed for students in Tiers 1-3;

then we see…. All staff across all grade levels and subject areas implementing strategies identified by the MTSS team and consistently monitoring student progress;

which leads to… 100% of staff implementing effective Tier 1 & 2 support movement from "Weak" to "Neutral" in Academic Personalism on the 5 E Survey, and an increase in students attainment and growth on NWEA.

Strategy 2

If we do… Utilize student data and teacher observation data to establish year-long professional learning goals and professional development plans around CIWP Areas of FOCUS (MTSS and Instruction) to be incorporated into Grade Level Meetings;

then we see… Increased teacher capacity for differentiating instruction and implementation of MTSS supports;

which leads to… Increased student growth on NWEA, leading to increased student attainment for priority groups.

Strategy 3

If we do… Focus professional learning in Grade Level Meetings on strengthening Tier 1 instruction to ensure effective use of student data to differentiate instruction and personalize learning;

then we see… Flexible student groupings across the curriculum to personalize learning and differentiate instruction based on student data from a variety of sources and more effective supports for students groups that have traditionally achieved lower levels of growth and grade level attainment;

which leads to… Gains in students growth metrics across attainment levels and increased attainment for priority groups of students.

Staff Demographics

Principal

Counselor

Kinder – 8th Grade:
- (2) Literacy/Math Specialists
- Music Teacher
- Physical Education Teacher
- English-Language Teacher (.5)

Kinder - 2nd Grade:
- (2) Kinder Teachers
- (2) 1st Grade Teachers
- (2) 2nd Grade Teachers
- (1) Science/Engineering Specialist

3rd - 5th Grade:
- (2) 3rd Grade Teachers
- (2) 4th Grade Teachers
- (2) 5th Grade Teachers
- (1) Science/Engineering Specialist

K - 5th Grade:
- (1) Visual Arts Teacher
- (1) Technology Specialist

6th - 8th Grade:
- ELA Teacher
- Math Teacher
- Social Studies Teacher
- Visual Arts/Technology Teacher
- Science/Engineering Specialist

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Staff Demographics

Special Education Team
- K-1st Grade Teacher
- 2nd-3rd Grade Teacher
- 4th-5th Grade Teacher
- 6th-8th Grade Teacher

SPED Teachers are also Case Managers for respective grade levels

ODLSS Team
- Nurse
- Social Worker
- Psychologist
- Speech Therapist
- Occupational Therapist

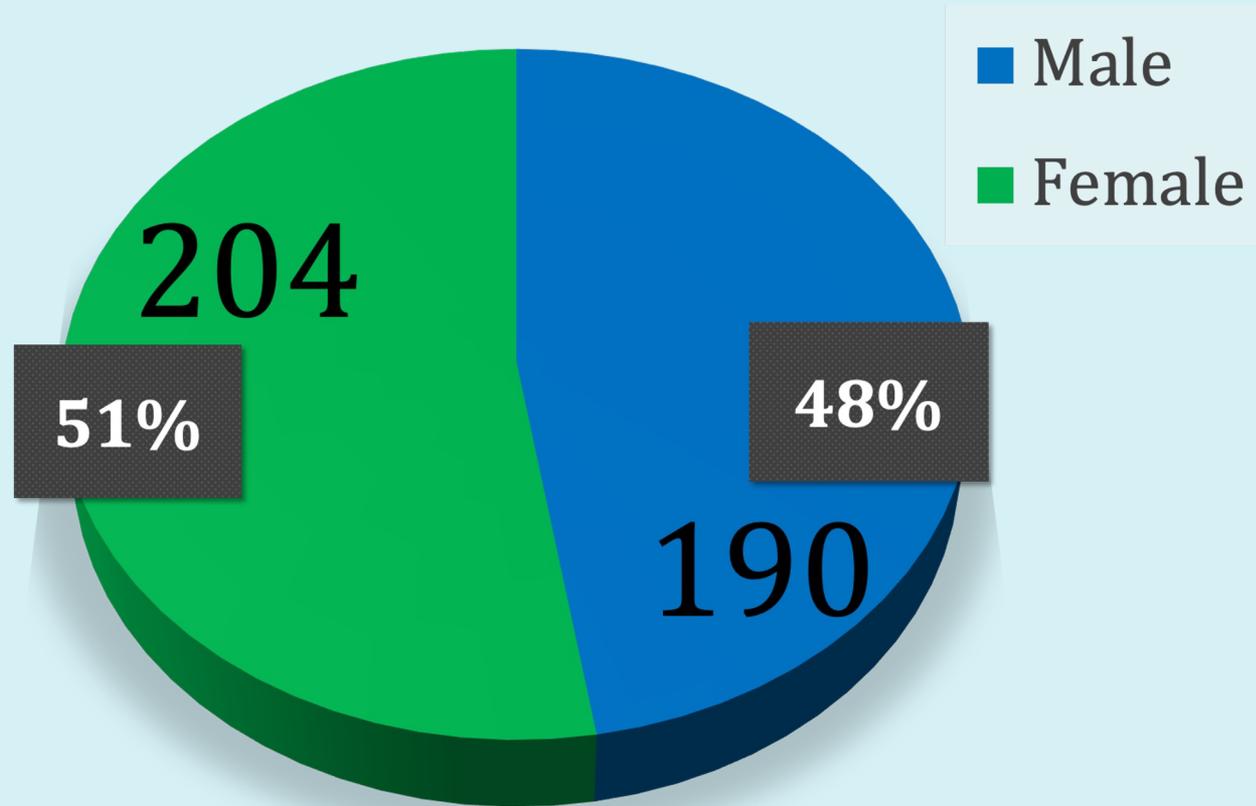**Office Staff**
- Clerk
- Clerk Assistant
- Security Guard

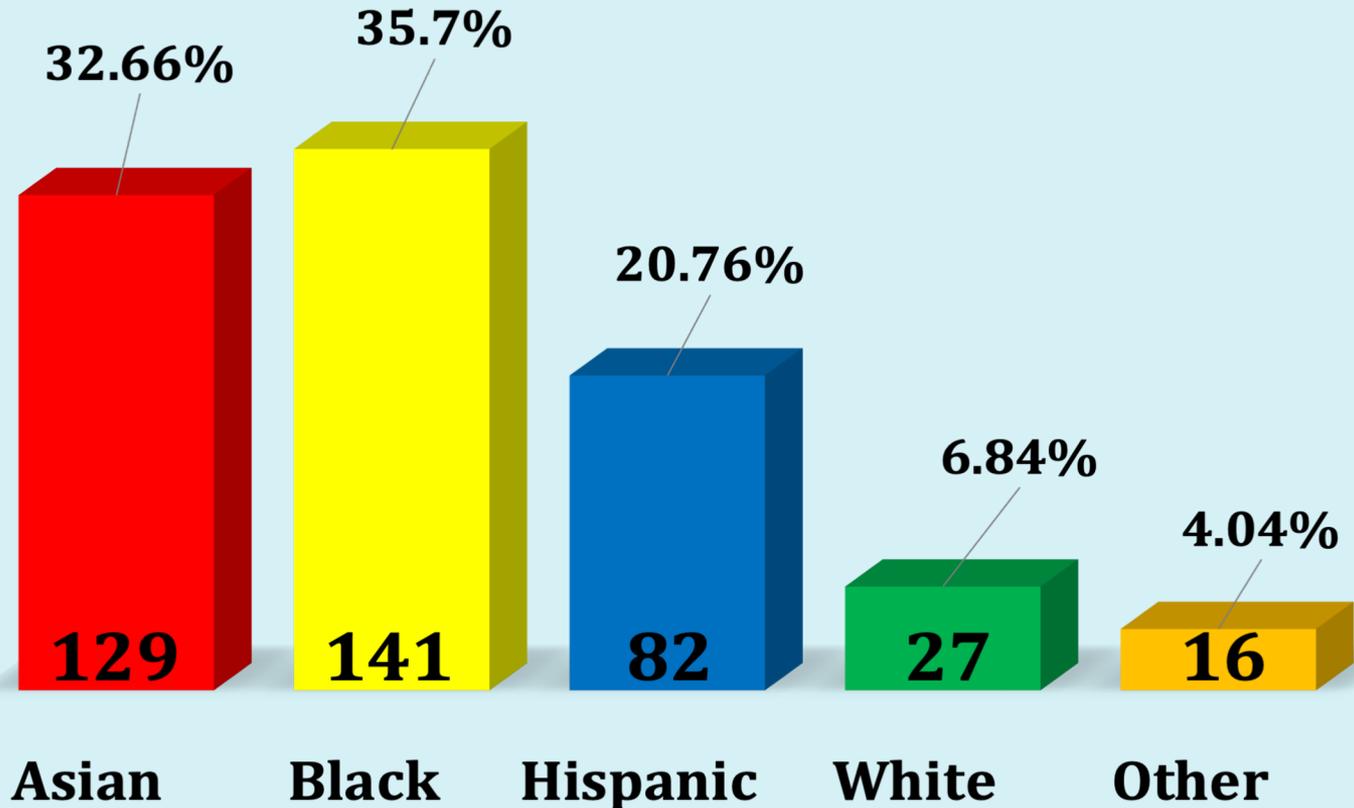**Maintenance Staff**
- Engineer
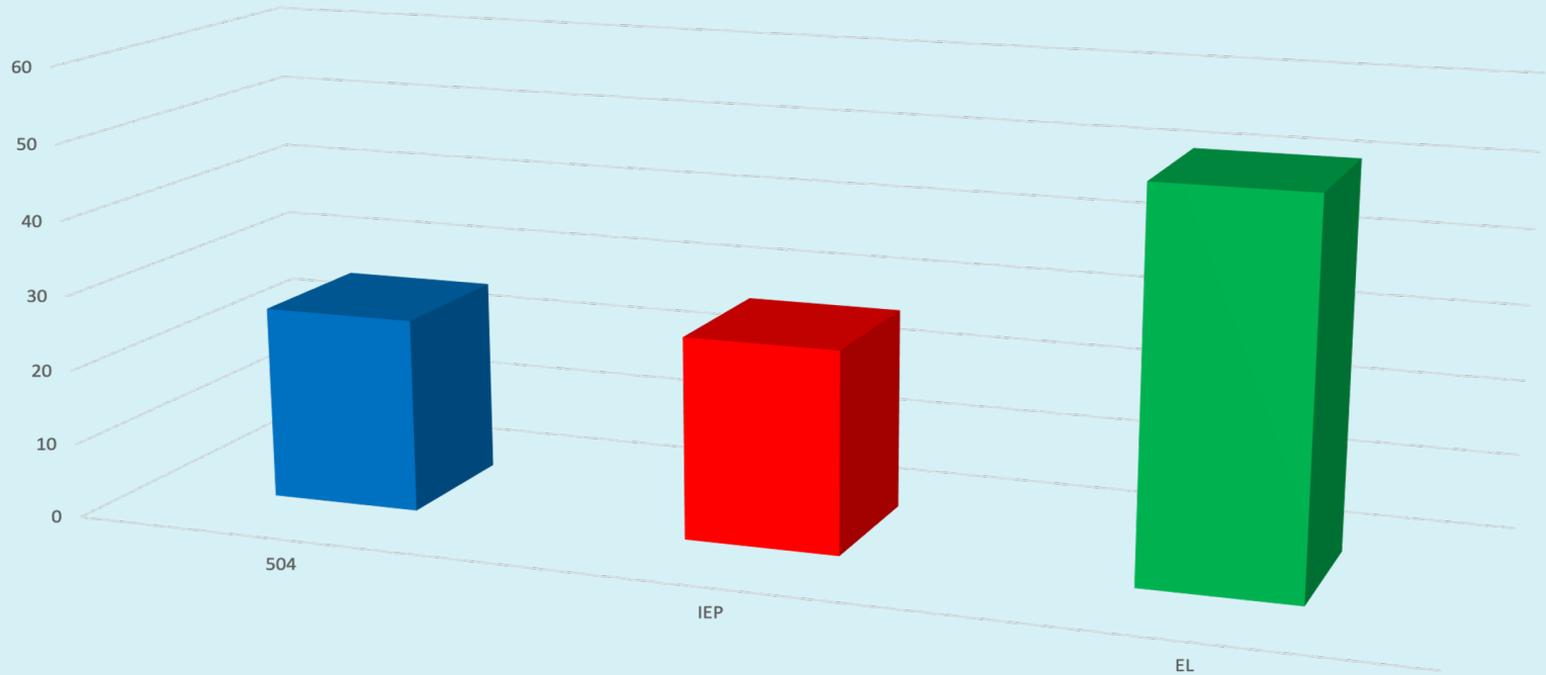- Custodians

Lunch Room Staff
- Manager
- Porter

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Student Demographics

Student Demographics

Student Demographics

CPS' District-Wide Support for Vision & Strategies

$4.6 billion in School Funding, an increase of over $240 million from last year, plus $230M from the Elementary and Secondary School Emergency Relief Fund (ESSER) focuses on the following:

- **Robust classroom instruction**
- **Increased mental health supports and social-emotional learning**
- **Greater access to the arts for a well-rounded education**
- **Expanded professional development and ongoing coaching for teachers**

Specific investments include:

- **$45 million for teacher professional development**
- **$72 million to reduce class sizes and minimize split-grade-level classrooms**
- **$68 million more for special education teachers, classroom assistants, and case managers**
- **$25 million for Out of School Time (OST) programming for all schools**
- **$13 million for Mental health supports and trauma-informed interventions**
- **$10 million to expand pre-K programming**

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Resourcing Our Vision & Strategies at the School Level

How the CPS & School Budgets Strengthen our Instructional Core

- **<<a new instructional coach position>>**
- **<<new high-quality, rigorous, and culturally responsive curriculum>>**
- **<<staff professional learning, i.e. ILT, Distributed Leadership>>**
- **<<new arts & speciality classes>>**
- **<<additional intervention teachers & MTSS efforts>>**
- **<<Tutor Corp>>**
- **<<expanded AP programs>>**
- **<<additional highlights, IB, STEM, etc>>**

Resourcing Our Vision & Strategies at the School Level

The CPS & School Budgets Support the Whole Child & Enhance School Offerings

Supports the Whole Child

- **<<expansion of special education services>>**
- **<<new/expanded SEL curriculum>>**
- **<<new counselors, nurse, social worker positions>>**
- **<<new HS Athletic Directors position>>**
- **<<new Out of School Time programming>>**

Enhancing School Programming & Partnerships

- **<<Student Voice: Committee, Cultivate Survey, partnerships in decision-making, etc>>**
- **<<Language, Universal Pre-k, CTE, etc>>**
- **<<additional highlights>>**

<<For ES>> Planning for High School
<<For HS>> Postsecondary Planning

<<ES: Share opportunities for students and families to learn about HS planning and GoCPS including the information below.

- **K-9 Application for 23-24 school year is open! Apply by Friday December 2nd at www.cps.edu/GoCPS**
- **The CPS HS Admissions Test for ninth-grade applicants will be administered in the fall. CPS students will take the exam on/during the school day on OCTOBER 26, 2022. Visit www.cps.edu/GoCPS for more information.**

<<HS: Postsecondary initiatives>>

- **SY23 Individualized Learning Plan Scope & Sequence for 6th-12th grade is launched and active for student completion in Naviance, tasks are due each quarter!**
- **College Applications, Scholarship Apps, FAFSA, and Learn.Plan.Succeed. senior are currently underway and must be completed prior to graduation!**
- **Planning information for this school year in Early College, cps.edu/JumpStart**

Family & Community Partnerships

Join our efforts! Here are some family/community groups supporting our school and when they meet:

- **LSC Meeting Schedule**
  - **November 15, 2022 | 10am**
  - **January 10, 2022 | 10am**
  - **March 14, 2022 | 10am**
  - **May 16, 2022 | 10am**

THANK YOU!