

Spring 2022 MCAS

An overview of Andover Public Schools
results from the Spring 2022 MCAS

2022 Elementary and Secondary MCAS Analysis

- Baseline Data
 - Due to the pandemic, there were variations in how MCAS was administered over the last few years.
 - DESE has addressed these shifts and challenges in the synthesis of school and accountability data for districts.
- Highlights
- Areas for Growth
- Next Steps

Year	Grades 3-8	Grade 10
2019	Full test administration	Full test administration
2020	No tests administered	No tests administered
2021	Half-test administered	Full test administered
2022	Full test administered	Full test administered

Andover's MCAS Celebrations

The district-wide average participation rate was over 99%.

Andover showed moderate to high mean student growth percentiles (SGP) in each content area across all grades.

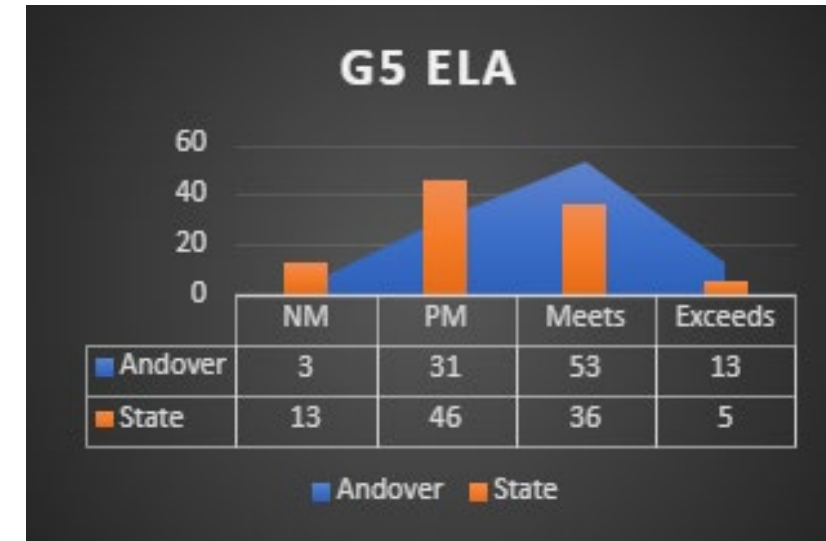
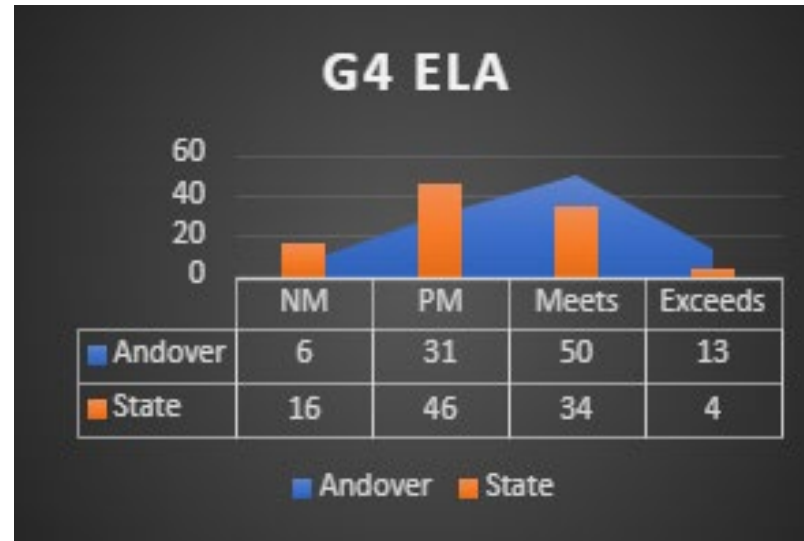
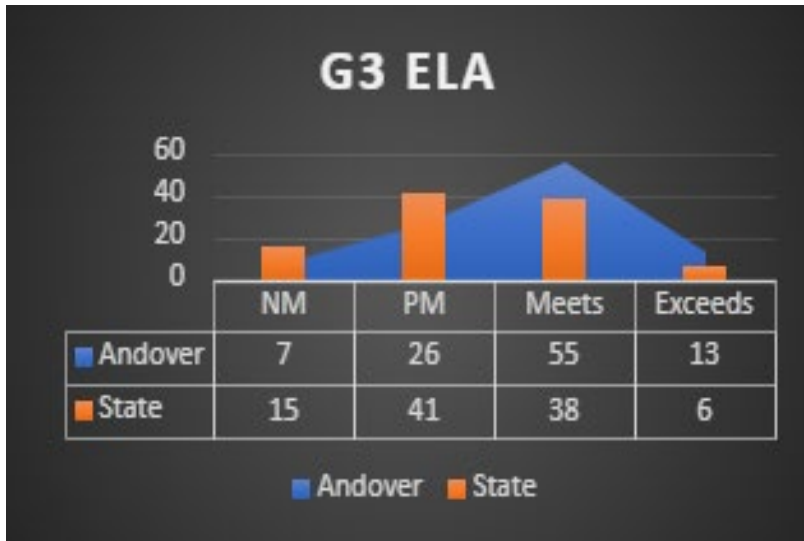
The overall percentage of students meeting or exceeding expectations in Andover exceeded the state in each content area across all grades.

All Andover schools have an accountability rating in the top 20th percentile.

Achievement Level Analysis

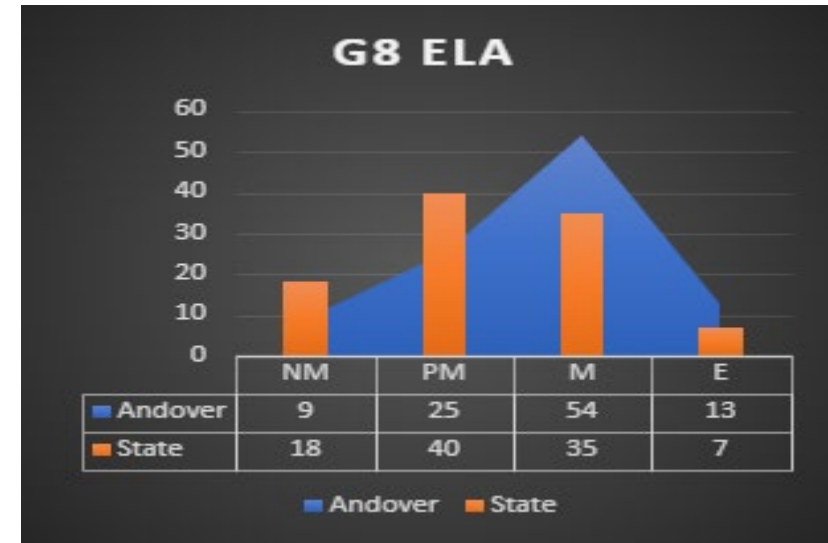
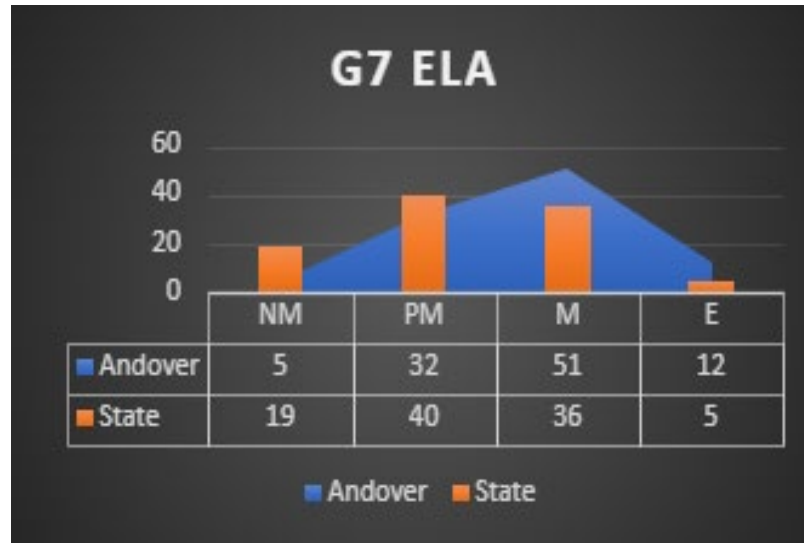
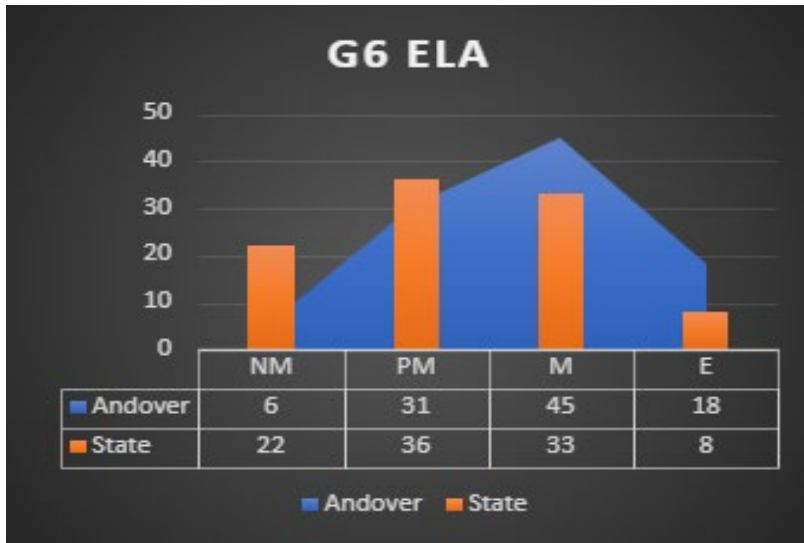
Student achievement levels by grade and subject

ELA MCAS, Elementary Achievement Levels



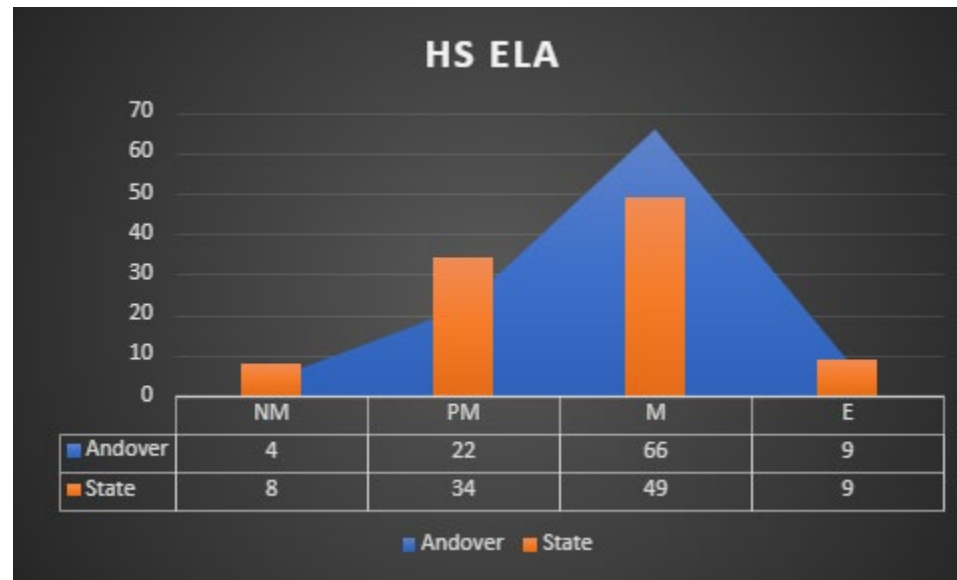
NM - Not meeting PM - Partial Meeting Meets Exceeds

ELA MCAS, Middle School Achievement Levels



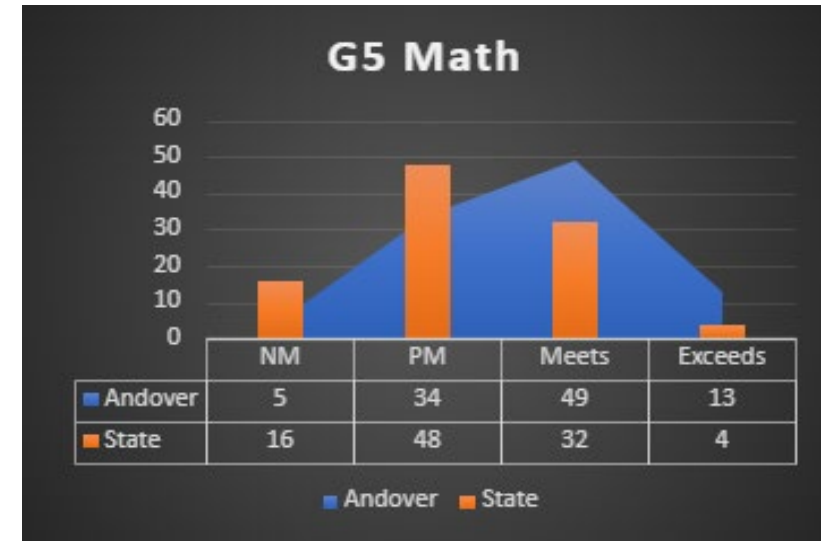
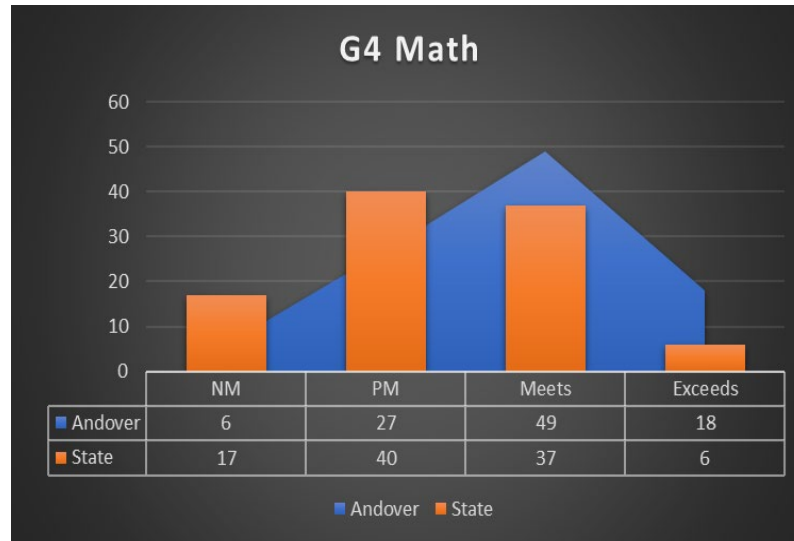
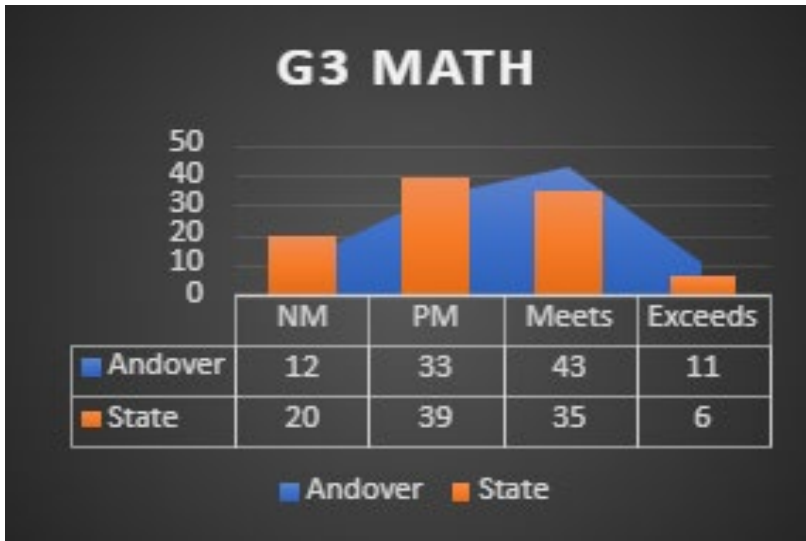
NM - Not meeting PM - Partial Meeting Meets Exceeds

ELA MCAS, High School Achievement Levels



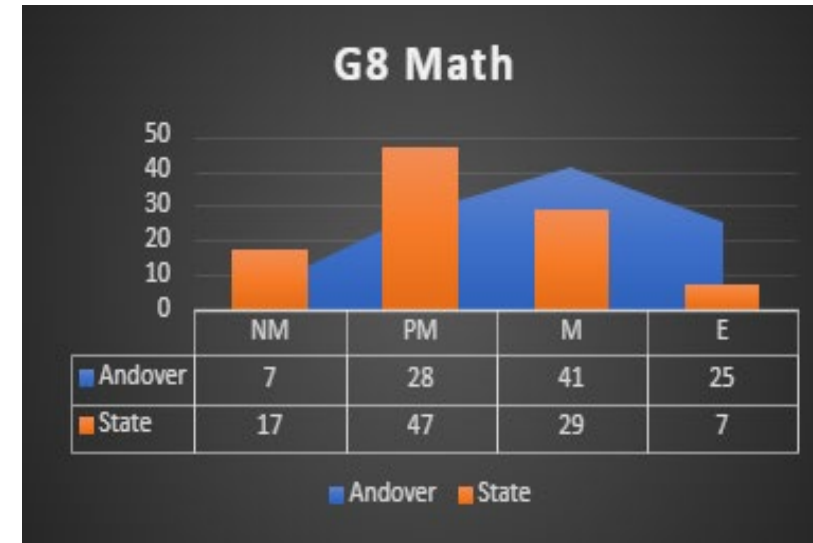
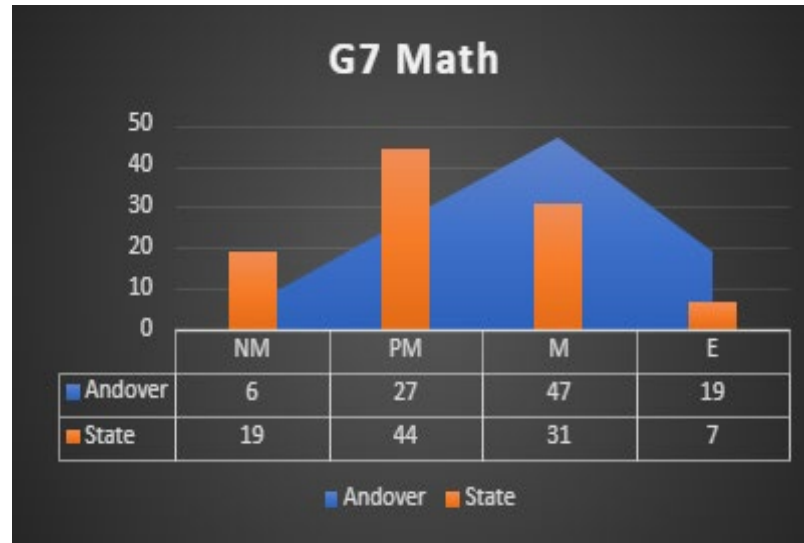
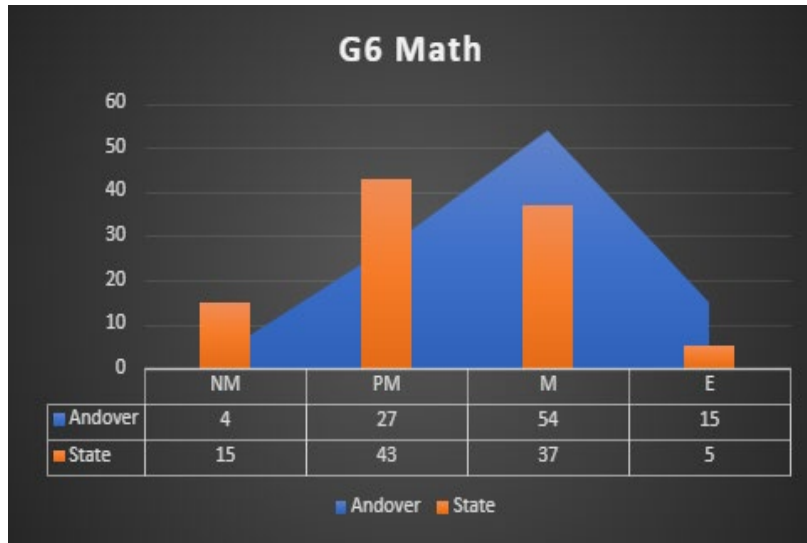
NM - Not meeting PM - Partial Meeting Meets Exceeds

Math MCAS, Elementary Achievement Levels



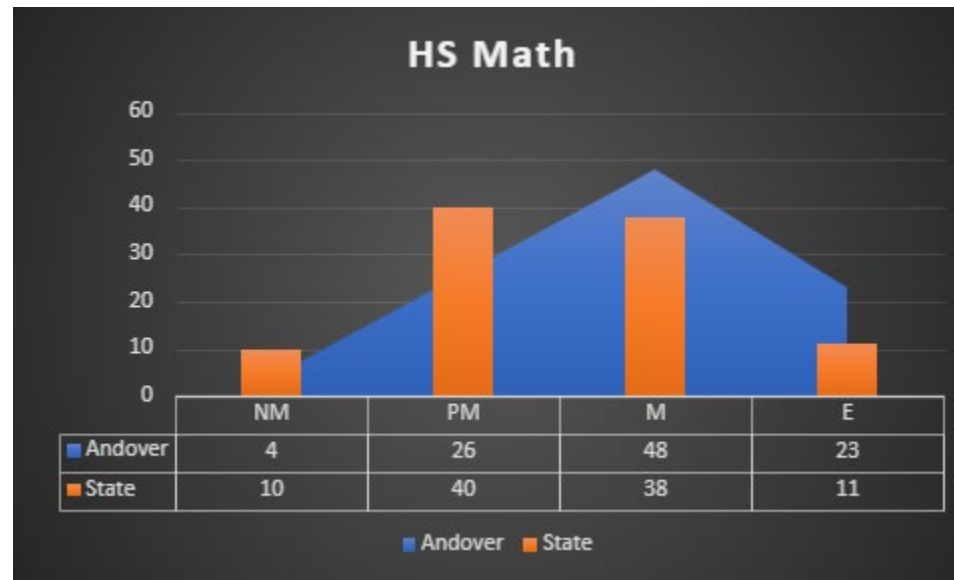
NM - Not meeting PM - Partial Meeting Meets Exceeds

Math MCAS, Middle School Achievement Levels



NM - Not meeting PM - Partial Meeting Meets Exceeds

Math MCAS, High School Achievement Levels



NM - Not meeting PM - Partial Meeting Meets Exceeds

Science MCAS Achievement Levels

G5 Science



G8 Science



HS Science



NM - Not meeting PM - Partial Meeting Meets Exceeds

Shifting Mountains



School Improvement Plans

- Elementary mathematics curriculum launch
- Secondary curriculum coherence and alignment

Professional Development

- Elementary instructional coaching
- Secondary focus on high-leverage instructional strategies

Deep Data Dives

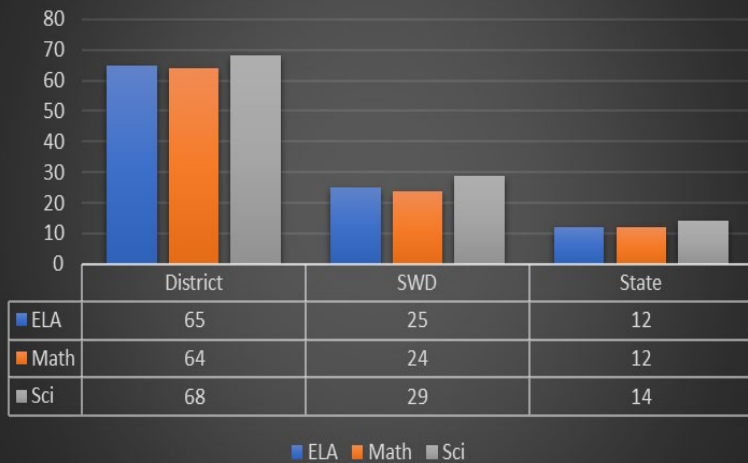
- Proficiency levels
- Subgroups

Subgroups Analysis

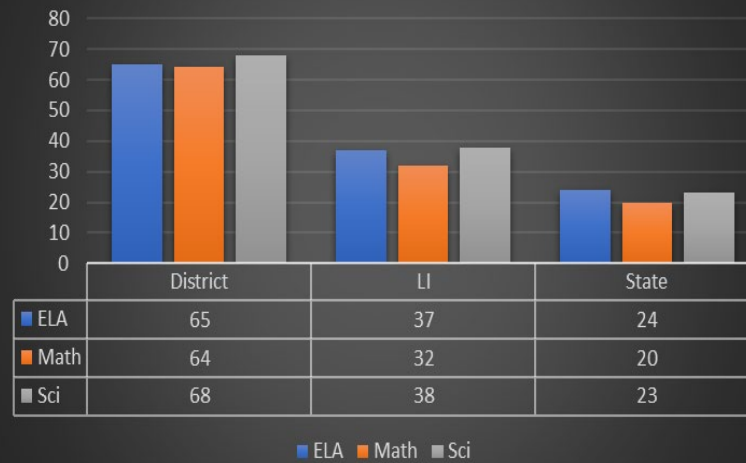
Students meeting and exceeding expectations by subgroup

Subgroups: Meeting/Exceeding Grades 3-8

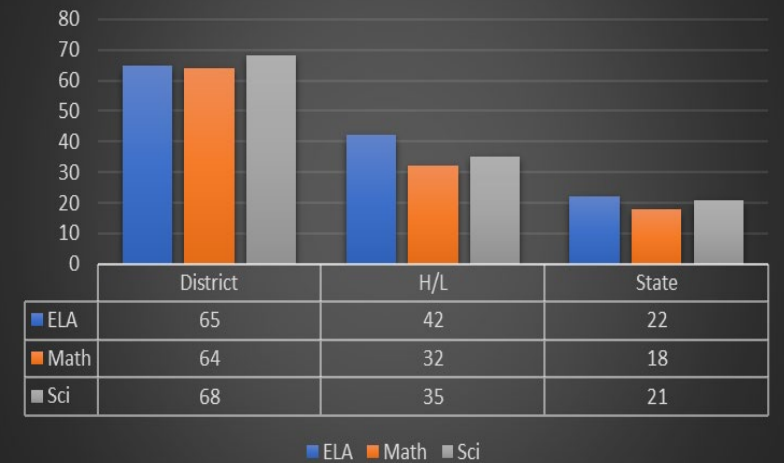
Gr. 3-8 Students with Disabilities



Gr. 3-8 Low Income

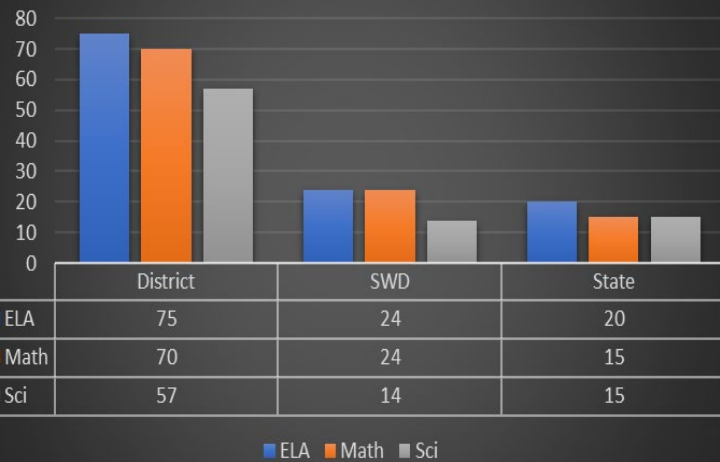


Gr. 3-8 Hispanic/Latino

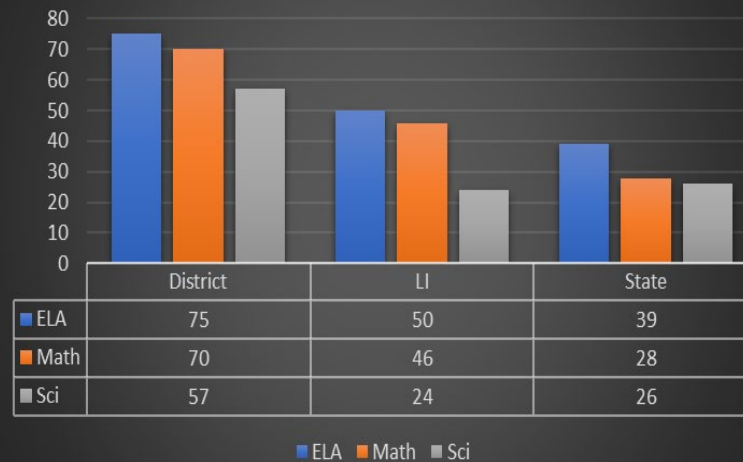


Subgroups: Meeting/Exceeding Grades High School

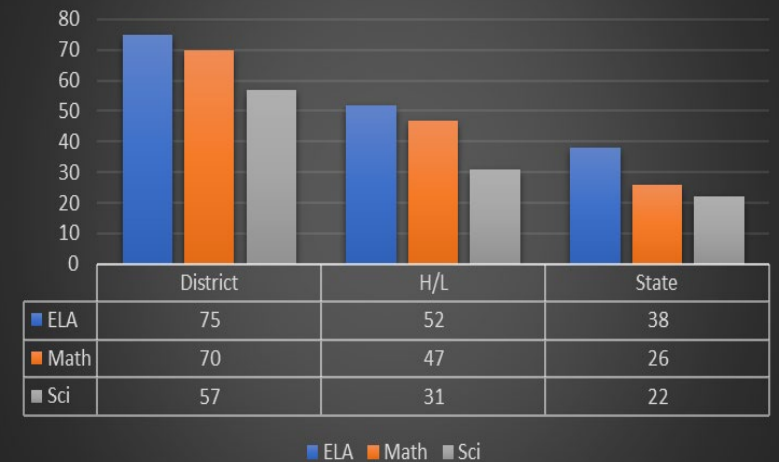
HS Students with Disabilities



HS Low Income



HS Hispanic/Latino



Areas of Growth

- On average, only about one quarter of our students with disabilities are meeting or exceeding expectations.
- In grade 3-8 an average of 36% of low income students are meeting or exceeding expectations, significantly lower than their peers. This disparity continues into the high school.
- Hispanic/Latino students typically have a lower passing rate than the APS average.

Next Steps

- Differentiation strategies, interventions, and supports for all students and subgroups.
- Intentional, targeted support within a multi-tiered system for support.
- Implement culturally relevant instruction and high leverage practices.

District-Wide Next Steps

- School Improvement Plans (SIPs)
- Curriculum Alignment
- Multi-Tiered System of Support (MTSS framework)
- Targeted skills and academic support

For example: District-wide writing

- Data Wise
- District Strategic Plan