CCPS MCAP Data
2022-2023 School Year

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Building the Future

Our Objective

- What: Review achievement data from the 2022-2023 MCAP administration, compare results with the 2021-2022 MCAP administration, and identify strengths, areas of focus, and next steps.

- How: Presentation and discussion

- Why: To monitor student progress, provide multiple pathway opportunities for student success, and to inform decision-making.

MCAP Administration

- MCAP was administered to all students in grades 3 – 8 and students enrolled in Algebra I, ELA 10, Government and Biology during the 2022-2023 School Year:

- Fall Administration: December 2022 – January 2023

- Spring Administration: March 2023 – May 2023

- MCAP Performance Levels:
  - Level 4 – Distinguished Learner
  - Level 3 – Proficient Learner
  - Level 2 – Developing Learner
  - Level 1 – Beginning Learner

- Proficiency levels did not change in comparison to the 2021 – 2022 administration.

MSDE Overall Observations

- Statewide results of the latest Maryland Comprehensive Assessment Program (MCAP) assessments show notable improvements in literacy and mathematics, with literacy results surpassing pre-pandemic performance.

- Across all grades, a substantial percentage of students were on the cusp of achieving proficiency in literacy and mathematics. Between 16 and 22% of students in ELA, and between 11 and 17% of students in mathematics were on the cusp of proficiency. These students were, on average, only one to three additional correct answers from achieving proficiency.

- A lower percentage of students are scoring at the lowest performance level in literacy and mathematics.

- The progress is not isolated; it is equitable and widespread. Data shows encouraging trends across all subgroups of students.

- This year's MCAP data illuminates a hopeful trend: the targeted math interventions implemented by Maryland's educational leaders are beginning to take root, as evidenced by increased proficiency rates across multiple grade levels.

Maryland State Department of Education. (2022, August 22). *Maryland State Department of Education provides 2023 Maryland Comprehensive Assessment Program (MCAP) statewide results* [Press release]. Maryland State Department of Education Provides 2023 Maryland Comprehensive Assessment Program (MCAP) Statewide Results

MSDE Overall Observations ELA

- Student proficiency rates in English Language Arts (ELA) in School Year 2022-2023 are at their highest in nearly a decade with the largest single-year gain in grades 3-8 over the same time period.

- Students' literacy results surpassed pre-pandemic performance.

- For students in grade 3, the proficiency rate in literacy reached a nine-year high of 48%.

Maryland State Department of Education. (2022, August 22). *Maryland State Department of Education provides 2023 Maryland Comprehensive Assessment Program (MCAP) statewide results* [Press release]. Maryland State Department of Education Provides 2023 Maryland Comprehensive Assessment Program (MCAP) Statewide Results

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MSDE Overall Observations Math

- The percentage of students proficient in the mathematics assessments in grades 3 through 8 combined improved in school year 2022-2023 as compared to school year 2021-2022, although results have not yet returned to pre-pandemic levels. Twenty-five percent of students in grades 3-8 combined were proficient in mathematics in school year 2022-2023, which surpasses the 22% of students scoring proficient in school year 2021-2022.

- In the Algebra I assessment, 17% of students were proficient, an increase of 3 percentage points over the 14% of students scoring proficient in school year 2021-2022.

Maryland State Department of Education. (2022, August 22). *Maryland State Department of Education provides 2023 Maryland Comprehensive Assessment Program (MCAP) statewide results* [Press release]. Maryland State Department of Education Provides 2023 Maryland Comprehensive Assessment Program (MCAP) Statewide Results

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MSDE Overall Observations Science

- Grade 5 science scores have exceeded pre-pandemic levels. The percentage of students in grade 5 that met grade-level science proficiency increased nearly four percentage points, from 31% in school year 2021-2022 to 35% in school year 2022-2023.

- The 2023 MCAP science assessment saw fewer grade 8 students proficient with 26% of students reaching proficiency as compared to 35% in the prior year. Grade 8 students in school year 2022-2023 were in grade 6 during school year 2020-2021, a year of predominantly virtual education in Maryland. These students did not participate in the grade 5 science assessment due to the waiver from the U.S. Department of Education from assessments administered in spring 2020 due to COVID-19.
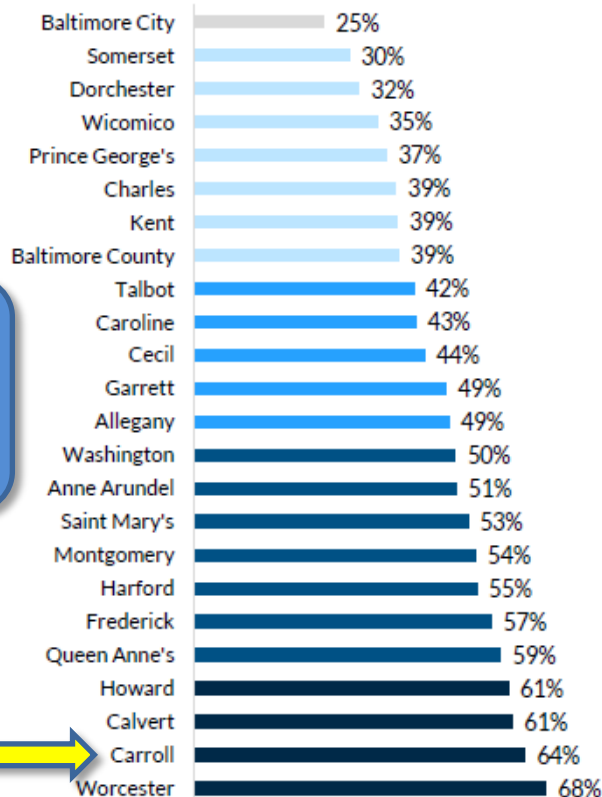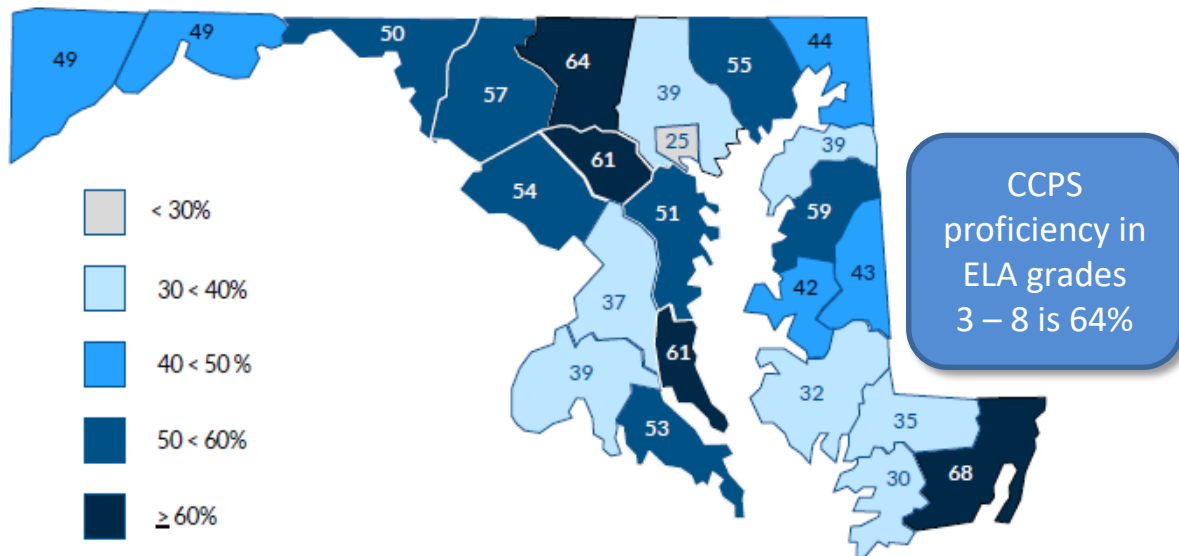
Maryland State Department of Education. (2022, August 22). *Maryland State Department of Education provides 2023 Maryland Comprehensive Assessment Program (MCAP) statewide results* [Press release]. Maryland State Department of Education Provides 2023 Maryland Comprehensive Assessment Program (MCAP) Statewide Results

English 10 Assessment by LEA, SY 2022-2023

Statewide, the percentage of students scoring proficient on the English 10 test was 54% for SY 2022-2023. LEAs vary from a low of 31% to a high of 82% in proficiency percentage. Eighteen LEAs improved from SY 2021-2022 when comparing to SY 2022-2023 results.

CCPS proficiency in English 10 is 68%

Legend:
- < 40%
- 40 < 50%
- 50 < 60 %
- 60 < 70%
- ≥ 70%

LEA	Proficiency
Baltimore City	31%
Dorchester	35%
Somerset	37%
Baltimore County	43%
Charles	44%
Caroline	45%
Wicomico	46%
Prince George's	48%
Allegany	51%
Talbot	55%
Montgomery	55%
Kent	59%
Harford	59%
Anne Arundel	60%
Cecil	62%
Garrett	64%
Howard	64%
Saint Mary's	65%
Washington	66%
Queen Anne's	67%
Carroll	68%
Frederick	71%
Worcester	73%
Calvert	82%

Note: SY 2022-2023 data as of August 14, 2023.

ELA Grades 3-8 and 10 Overall Performance

ELA MCAP Overall Proficiency by Assessment

Chart: Proficiency Percentage (y-axis) by ELA MCAP Assessment (x-axis)

ELA MCAP Assessment	2022 CCPS MCAP	2023 CCPS MCAP	2023 State MCAP
ELA 3	64%	63%	48%
ELA 4	66%	66%	49%
ELA 5	59%	56%	42%
ELA 6	62%	67%	48%
ELA 7	60%	68%	47%
ELA 8	48%	63%	47%
ELA 10	62%	68%	54%
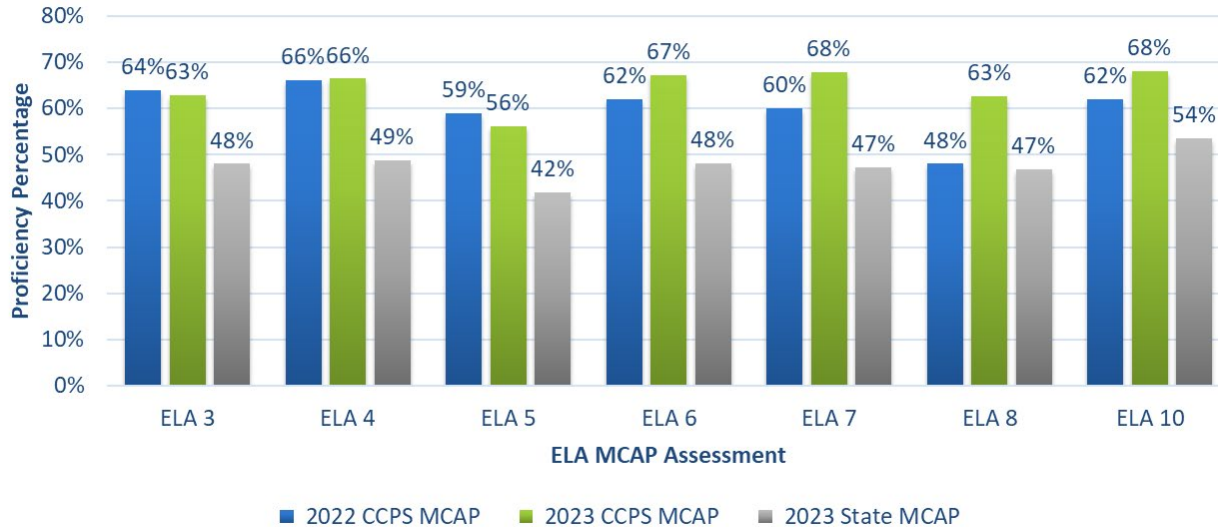
2023 MCAP	
Assessment	**Test Takers**
ELA 3	1956
ELA 4	1895
ELA 5	1940
ELA 6	1890
ELA 7	1902
ELA 8	1892
ELA 10	2084
Total	13559

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ELA Grades 3-8 and 10
Race and Ethnicity

ELA MCAP Race and Ethnicity Proficiency by Assessment
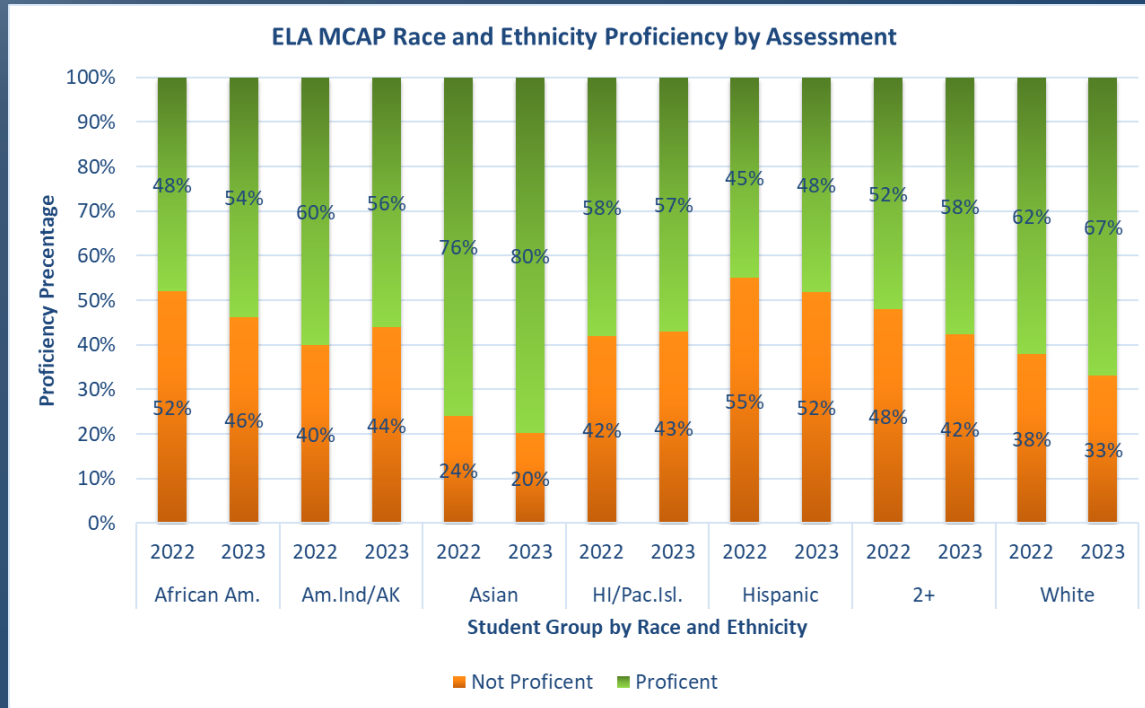
2023 MCAP	
Race and Ethnicity	**Test Takers**
African Am.	**747**
Am.Ind/AK	**25**
Asian	**491**
HI/Pac.Isl.	**35**
Hispanic	**1242**
2+	**582**
White	**10437**
Total	**13559**

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ELA Grades 3-8 and 10 FaRMs

ELA MCAP FaRMs Proficiency by Assessment
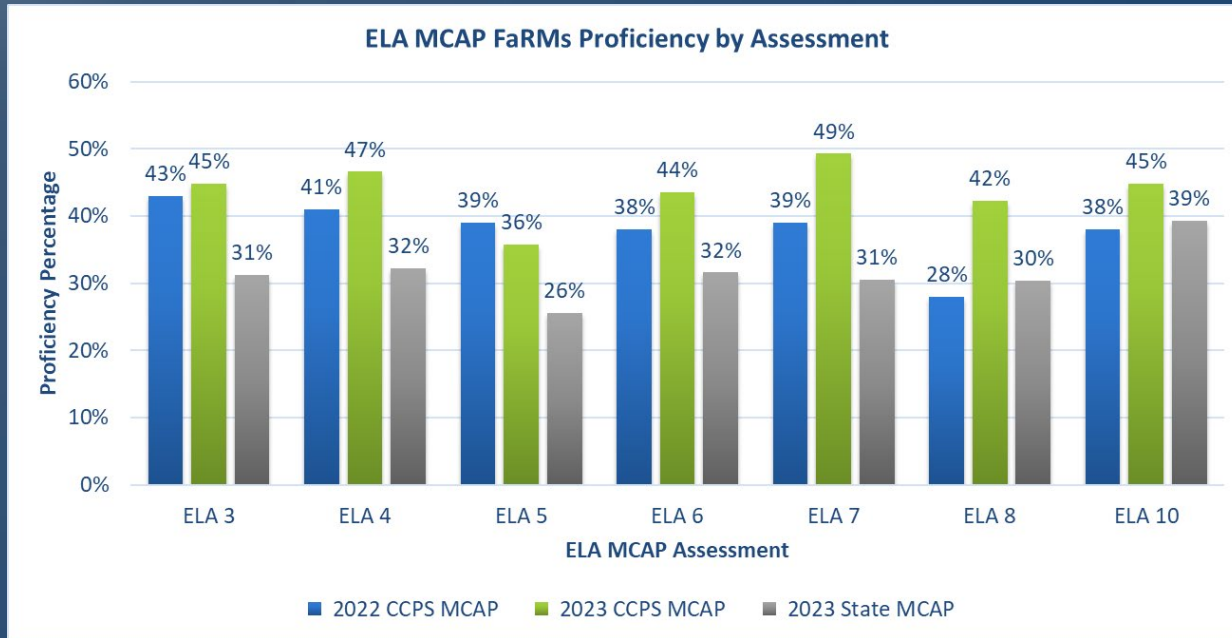
2023 MCAP	
Assessment	**Test Takers**
ELA 3	504
ELA 4	530
ELA 5	522
ELA 6	530
ELA 7	517
ELA 8	506
ELA 10	591
Total	**3700**

ELA Grades 3-8 and 10 Students with Disabilities

ELA MCAP Students with Disabilities Proficiency by Assessment
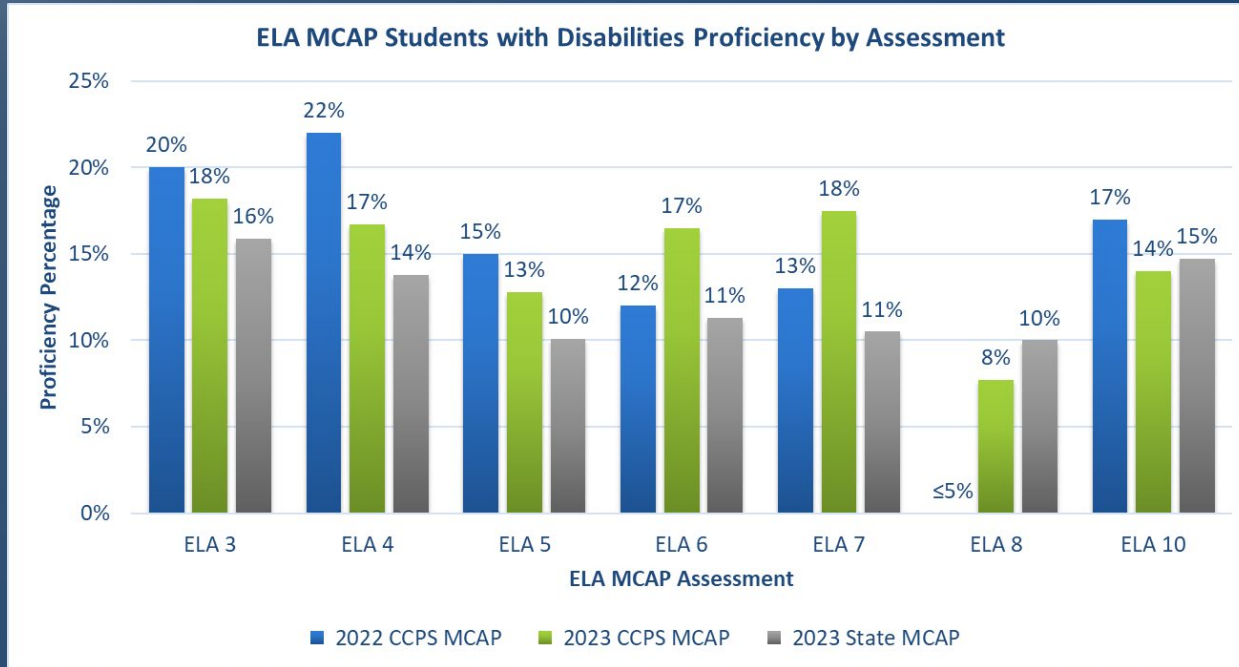
2023 MCAP	
Assessment	**Test Takers**
ELA 3	303
ELA 4	251
ELA 5	243
ELA 6	237
ELA 7	189
ELA 8	194
ELA 10	150
Total	1567

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ELA State Ranking Student Groups:
FaRMs, Students with Disabilities, English Learners

FaRMs		
MCAP	State Rank	Proficient
ELA 3	3rd	44.8%
ELA 4	2nd	46.6%
ELA 5	4th	35.8%
ELA 6	3rd	43.6%
ELA 7	2nd	49.3%
ELA 8	4th	42.3%
ELA 10	9th	44.8%

Students with Disabilities		
MCAP	State Rank	Proficient
ELA 3	7th	18.2%
ELA 4	7th	16.7%
ELA 5	6th	12.8%
ELA 6	5th	16.5%
ELA 7	2nd	17.5%
ELA 8	14th	7.7%
ELA 10	12th	14.0%

English Learners		
MCAP	State Rank	Proficient
ELA 3	15th	14.6%
ELA 4	4th	28.2%
ELA 5	3rd	10.3%
ELA 6	2nd	14.3%
ELA 7	2nd	14.8%
ELA 8	*	≤5%
ELA 10	4th	17.1%

* Results Identifiable

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ELA State Ranking Student Groups:
Race and Ethnicity

African Am.		
MCAP	State Rank	Proficient
ELA 3	1st	58.7%
ELA 4	1st	63.3%
ELA 5	1st	43.5%
ELA 6	1st	50.0%
ELA 7	1st	57.0%
ELA 8	1st	56.7%
ELA 10	6th	49.2%

Am.Ind/AK		
MCAP	State Rank	Proficient
ELA 3	*	*
ELA 4	*	*
ELA 5	*	*
ELA 6	*	*
ELA 7	*	*
ELA 8	*	*
ELA 10	*	*

Asian		
MCAP	State Rank	Proficient
ELA 3	1st	83.0%
ELA 4	8th	75.4%
ELA 5	6th	71.8%
ELA 6	1st	88.7%
ELA 7	3rd	82.7%
ELA 8	9th	75.7%
ELA 10	5th	81.9%

HI/Pac.Isl.		
MCAP	State Rank	Proficient
ELA 3	*	*
ELA 4	*	*
ELA 5	*	*
ELA 6	*	*
ELA 7	*	*
ELA 8	*	*
ELA 10	*	*

Hispanic		
MCAP	State Rank	Proficient
ELA 3	6th	43.2%
ELA 4	7th	46.0%
ELA 5	3rd	47.1%
ELA 6	5th	49.5%
ELA 7	4th	54.9%
ELA 8	5th	48.30%
ELA 10	9th	47.3%

2+		
MCAP	State Rank	Proficient
ELA 3	4th	61.1%
ELA 4	3rd	64.0%
ELA 5	6th	51.6%
ELA 6	6th	59.5%
ELA 7	6th	56.3%
ELA 8	13th	47.9%
ELA 10	10th	62.4%

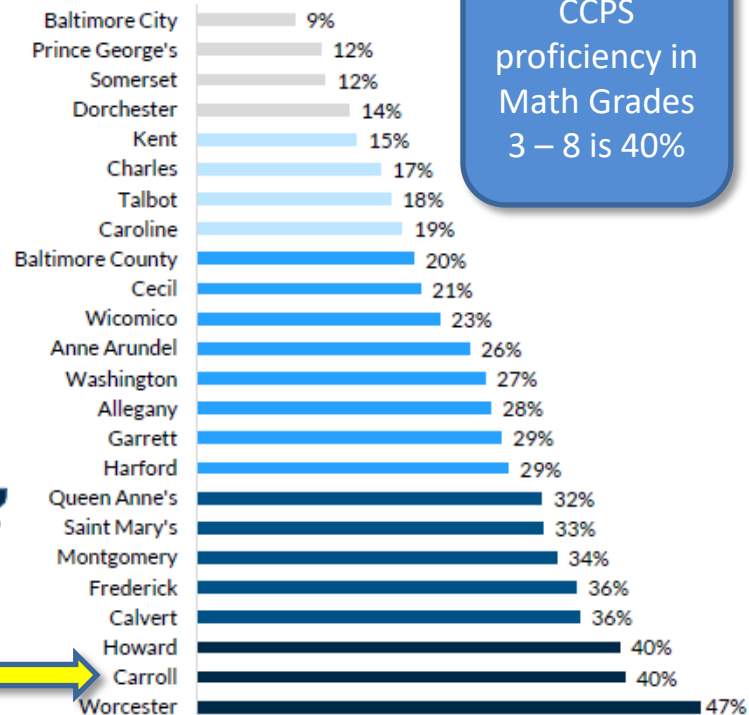| White		
MCAP	State Rank	Proficient
ELA 3	7th	64.7%
ELA 4	4th	68.7%
ELA 5	9th	57.6%
ELA 6	3rd	70.1%
ELA 7	4th	70.0%
ELA 8	6th	65.2%
ELA 10	10th	71.8%

* Results Identifiable

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Algebra I Assessment by LEA, SY 2022-2023

Statewide, the percentage of students scoring proficient on the Algebra I test was 17% for SY 2022-2023. LEAs vary from a low of 6% to a high of 38% in proficiency percentage. Twenty-three LEAs improved when comparing SY 2021-2022 to SY 2022-2023 results.
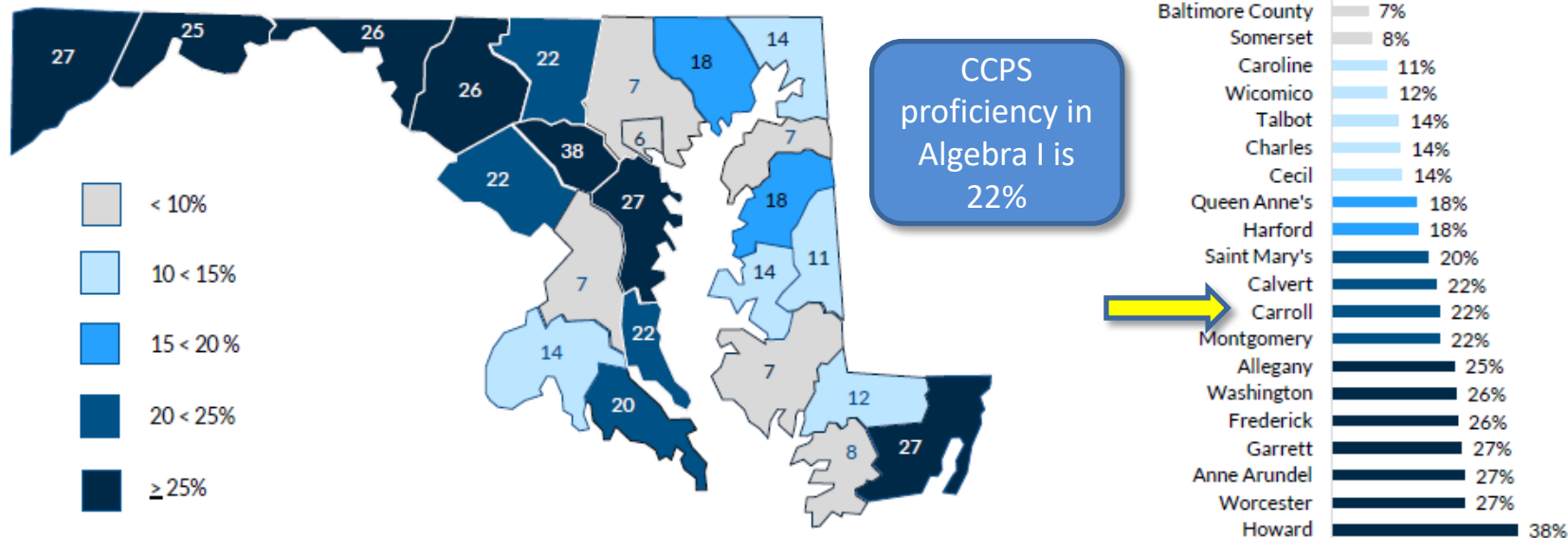

CCPS proficiency in Algebra I is 22%

Legend:
- < 10%
- 10 < 15%
- 15 < 20 %
- 20 < 25%
- ≥ 25%

LEA	Percentage
Baltimore City	6%
Kent	7%
Dorchester	7%
Prince George's	7%
Baltimore County	7%
Somerset	8%
Caroline	11%
Wicomico	12%
Talbot	14%
Charles	14%
Cecil	14%
Queen Anne's	18%
Harford	18%
Saint Mary's	20%
Calvert	22%
Carroll	22%
Montgomery	22%
Allegany	25%
Washington	26%
Frederick	26%
Garrett	27%
Anne Arundel	27%
Worcester	27%
Howard	38%

Note: SY 2022-2023 data as of August 14, 2023.

Math Grades 3-8 and Algebra I Overall Performance

Math MCAP Overall Proficiency by Assessment
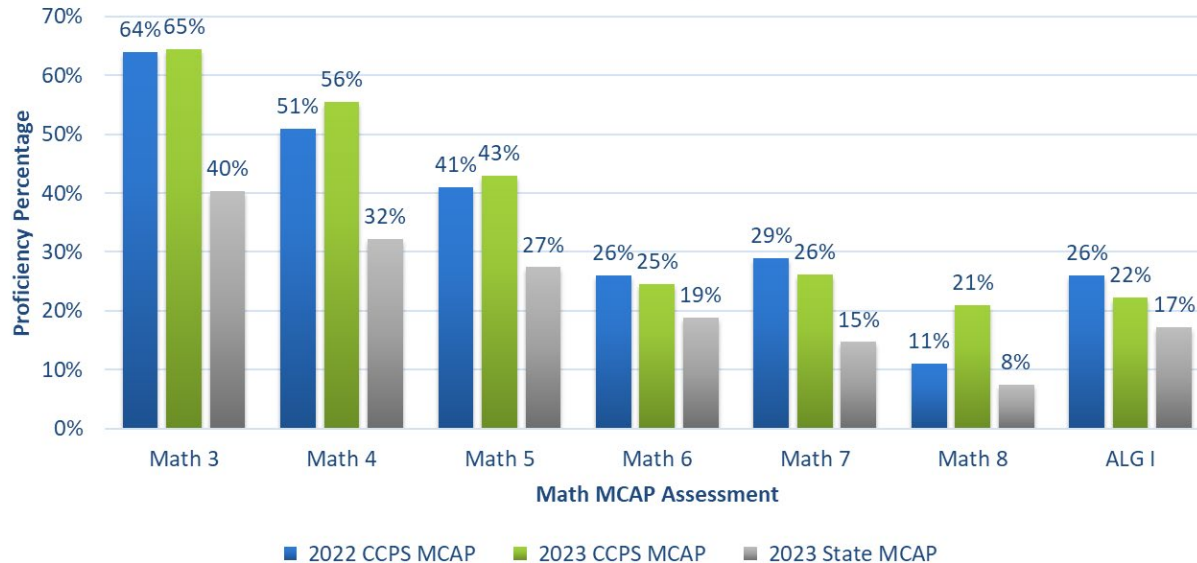
2023 MCAP	
Assessment	**Test Takers**
Math 3	1968
Math 4	1898
Math 5	1946
Math 6	1891
Math 7	1897
Math 8	1356
Algebra I	2185
Total	13141

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Math Grades 3-8 and Algebra I
Race and Ethnicity

Math MCAP Race and Ethnicity Proficiency by Assessment
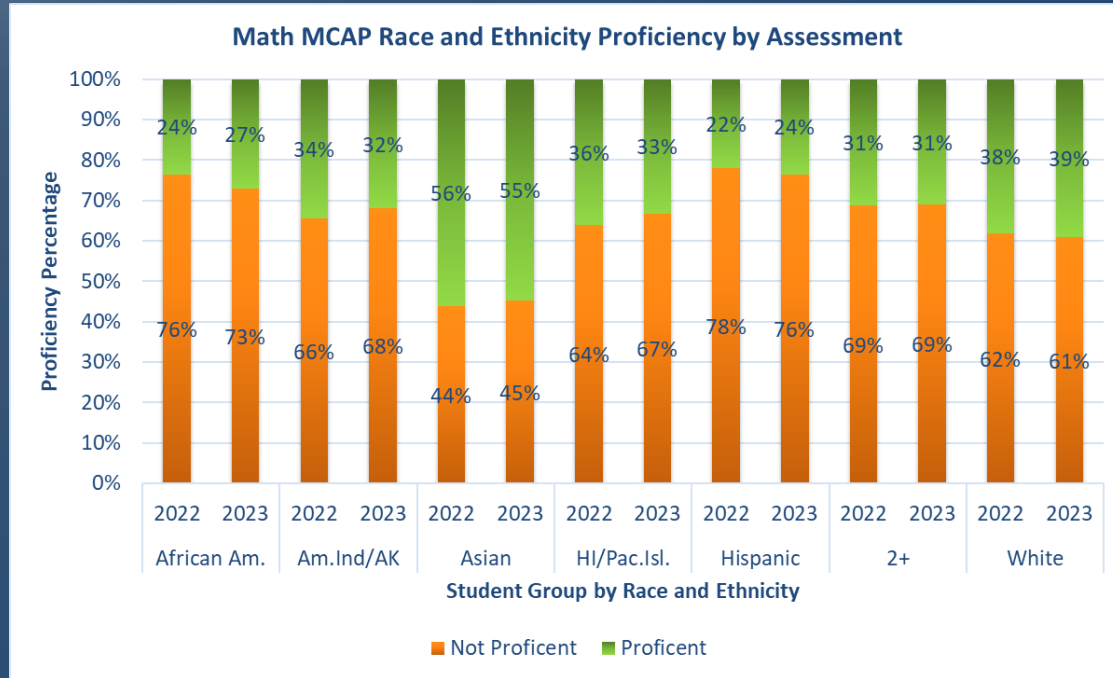
2023 MCAP	
Race and Ethnicity	**Test Takers**
African Am.	719
Am.Ind/AK	25
Asian	479
HI/Pac.Isl.	36
Hispanic	1231
2+	566
White	10100
Total	13156

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Math Grades 3-8 and Algebra I FaRMs

Math MCAP FaRMs Proficiency by Assessment
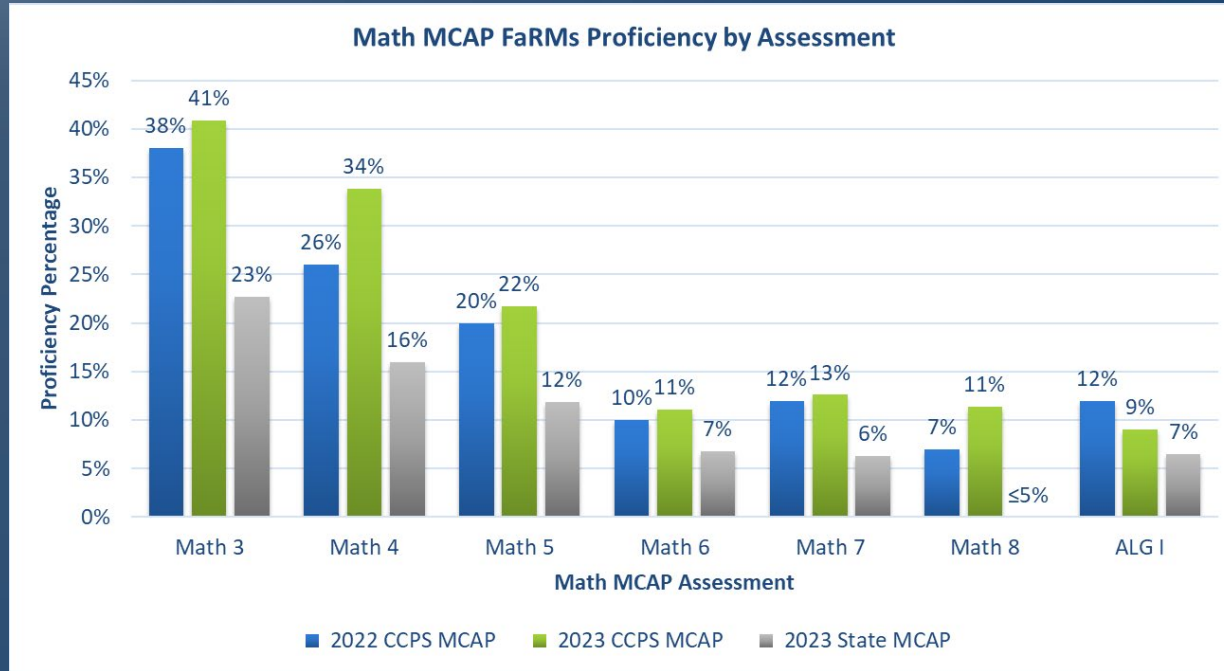
2023 MCAP	
Assessment	Test Takers
Math 3	513
Math 4	532
Math 5	526
Math 6	531
Math 7	517
Math 8	446
Algebra I	634
Total	3699

Math Grades 3-8 and Algebra I Students with Disabilities

Math MCAP Students with Disabilities Proficiency by Assessment
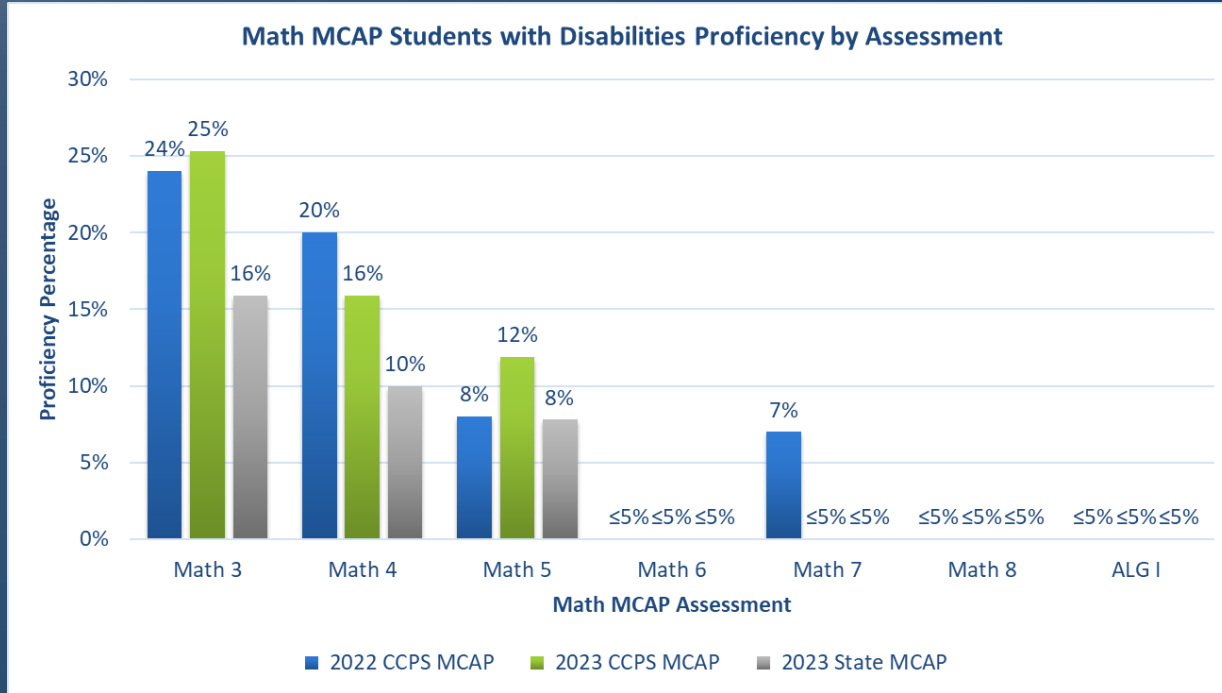
2023 MCAP	
Assessment	**Test Takers**
Math 3	304
Math 4	252
Math 5	243
Math 6	*
Math 7	*
Math 8	*
Algebra I	*

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Math State Ranking Student Groups: FaRMs, Students with Disabilities, English Learners

FaRMs		
MCAP	State Rank	Proficient
Math 3	3rd	40.9%
Math 4	2nd	33.8%
Math 5	2nd	21.7%
Math 6	7th	11.1%
Math 7	7th	12.6%
Math 8	3rd	11.4%
Algebra I	8th	9.0%

Students with Disabilities		
MCAP	State Rank	Proficient
Math 3	5th	25.3%
Math 4	5th	15.9%
Math 5	4th	11.9%
Math 6	*	≤5%
Math 7	*	≤5%
Math 8	*	≤5%
Algebra I	*	≤5%

English Learners		
MCAP	State Rank	Proficient
Math 3	3rd	26.0%
Math 4	2nd	26.8%
Math 5	3rd	9.1%
Math 6	*	≤5%
Math 7	*	≤5%
Math 8	*	≤5%
Algebra I	*	≤5%

* Results Identifiable

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Math State Ranking Student Groups: Race and Ethnicity

African Am.		
MCAP	State Rank	Proficient
Math 3	1st	52.4%
Math 4	1st	45.9%
Math 5	1st	26.6%
Math 6	1st	17.3%
Math 7	2nd	14.1%
Math 8	3rd	13.4%
ALG I	2nd	18.6%

Am.Ind/AK		
MCAP	State Rank	Proficient
Math 3	*	*
Math 4	*	*
Math 5	*	*
Math 6	*	*
Math 7	*	*
Math 8	*	*
ALG I	*	*

Asian		
MCAP	State Rank	Proficient
Math 3	1st	81.0%
Math 4	10th	53.6%
Math 5	2nd	66.7%
Math 6	5th	53.2%
Math 7	4th	55.0%
Math 8	2nd	41.0%
ALG I	10th	38.2%

HI/Pac.Isl.		
MCAP	State Rank	Proficient
Math 3	*	*
Math 4	*	*
Math 5	*	*
Math 6	*	*
Math 7	*	*
Math 8	*	*
ALG I	*	*

Hispanic		
MCAP	State Rank	Proficient
Math 3	4th	46.8%
Math 4	5th	35.0%
Math 5	2nd	31.6%
Math 6	5th	16.1%
Math 7	6th	12.6%
Math 8	3rd	11.7%
ALG I	8th	12.7%

2+		
MCAP	State Rank	Proficient
Math 3	4th	54.4%
Math 4	2nd	55.6%
Math 5	7th	28.0%
Math 6	4th	27.0%
Math 7	14th	17.5%
Math 8	8th	11.9%
ALG I	15th	12.5%

White		
MCAP	State Rank	Proficient
Math 3	4th	67.5%
Math 4	4th	58.5%
Math 5	5th	45.3%
Math 6	14th	24.8%
Math 7	12th	27.4%
Math 8	4th	22.8%
ALG I	14th	23.3%

* Results Identifiable

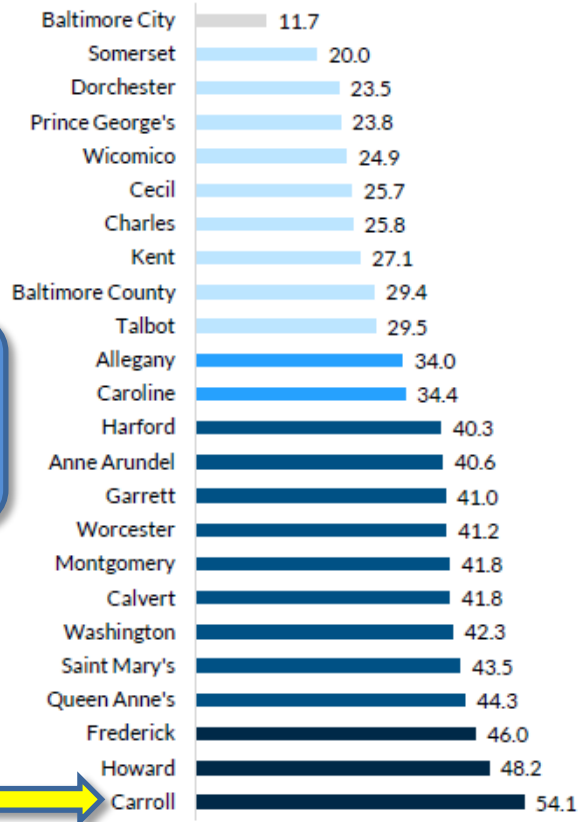MARYLAND STATE DEPARTMENT OF **EDUCATION** EQUITY AND EXCELLENCE

Science Grade 5 Assessment, SY 2022-2023 Proficiency by LEA

Statewide, the percentage of students scoring proficient on the grade 5 science test was 34.5% for SY 2022-2023. LEAs vary from a low of 11.7% to a high of 54.1% in proficiency percentage. Twenty-two LEAs improved their performance when comparing SY 2021-2022 to SY 2022-2023.
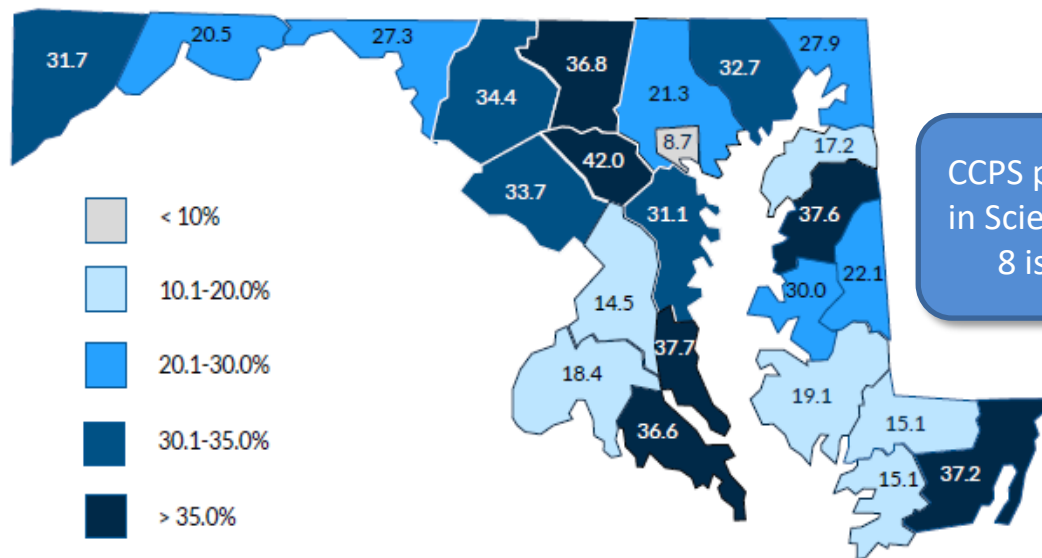

Legend:
- < 15%
- 15.1-30.0%
- 30.1-40.0%
- 40.1-45.0%
- > 45.0%
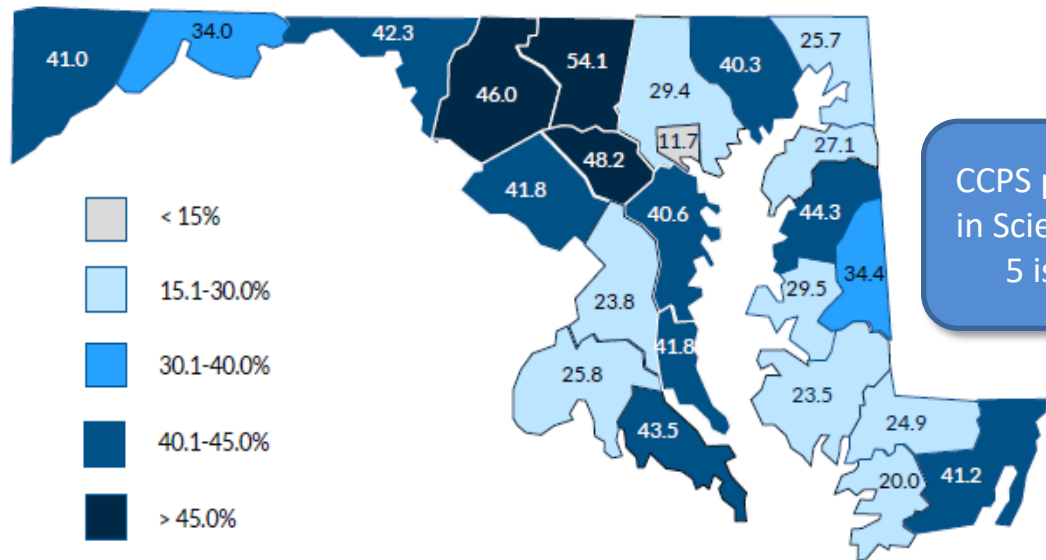
CCPS proficiency in Science Grade 5 is 54.1%

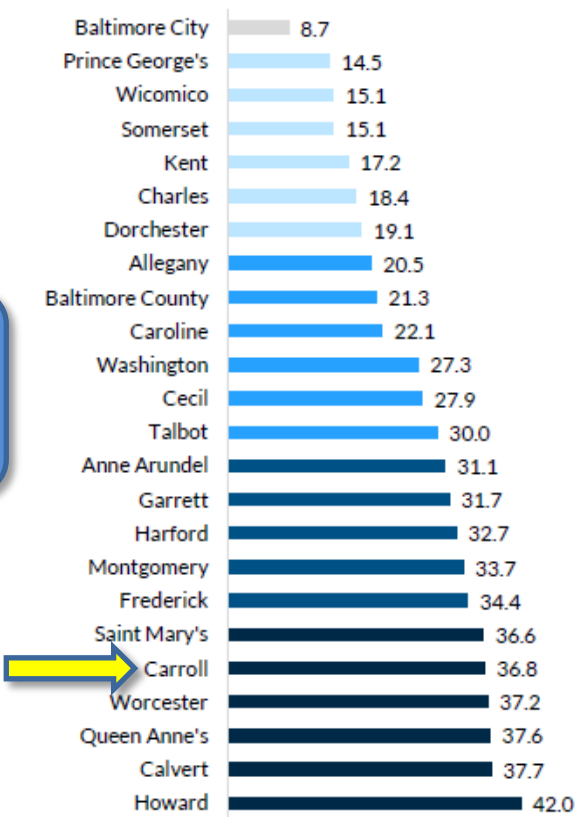| LEA	Proficiency
Baltimore City	11.7
Somerset	20.0
Dorchester	23.5
Prince George's	23.8
Wicomico	24.9
Cecil	25.7
Charles	25.8
Kent	27.1
Baltimore County	29.4
Talbot	29.5
Allegany	34.0
Caroline	34.4
Harford	40.3
Anne Arundel	40.6
Garrett	41.0
Worcester	41.2
Montgomery	41.8
Calvert	41.8
Washington	42.3
Saint Mary's	43.5
Queen Anne's	44.3
Frederick	46.0
Howard	48.2
Carroll	54.1

Note: SY 2022-2023 data as of August 14, 2023.

Science Grade 8 Assessment, SY 2022-2023 Proficiency by LEA

Statewide, the percentage of students scoring proficient on the grade 8 science test was 26.4% for SY 2022-2023. LEAs vary from a low of 8.7% to a high of 42.0% in proficiency percentage. Twenty-three LEAs experienced a decrease when comparing SY 2021-2022 to SY 2022-2023 results.
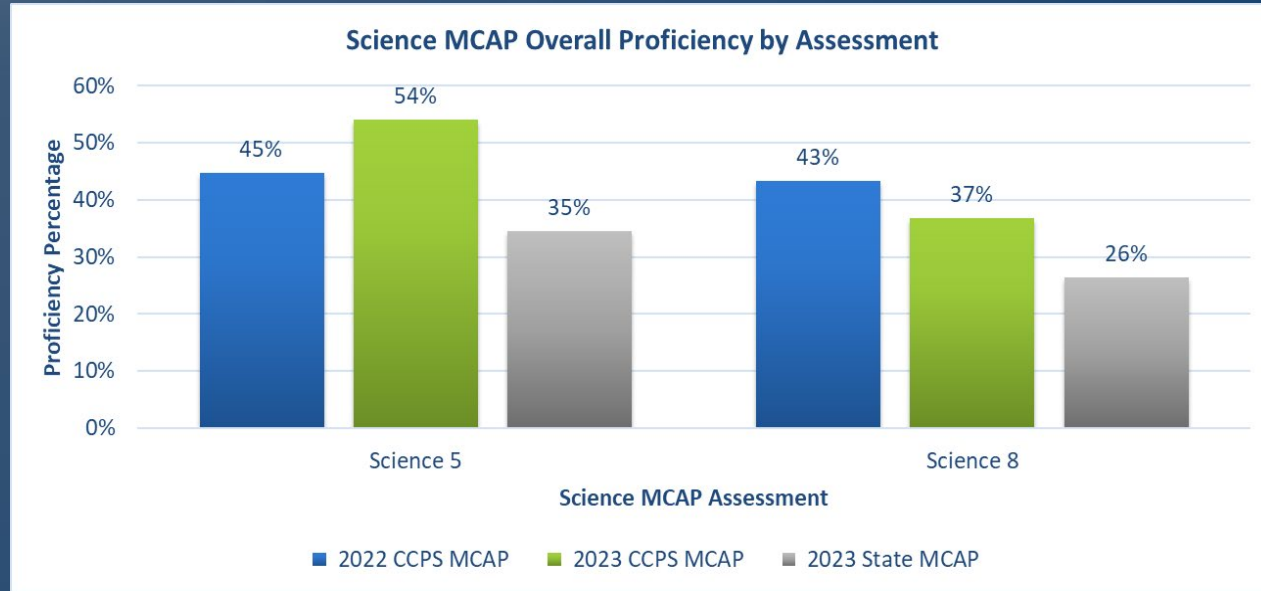

Legend:
- < 10%
- 10.1-20.0%
- 20.1-30.0%
- 30.1-35.0%
- > 35.0%

CCPS proficiency in Science Grade 8 is 36.8%

LEA	Proficiency
Baltimore City	8.7
Prince George's	14.5
Wicomico	15.1
Somerset	15.1
Kent	17.2
Charles	18.4
Dorchester	19.1
Allegany	20.5
Baltimore County	21.3
Caroline	22.1
Washington	27.3
Cecil	27.9
Talbot	30.0
Anne Arundel	31.1
Garrett	31.7
Harford	32.7
Montgomery	33.7
Frederick	34.4
Saint Mary's	36.6
Carroll	36.8
Worcester	37.2
Queen Anne's	37.6
Calvert	37.7
Howard	42.0

Note: SY 2022-2023 data as of August 14, 2023.

Science Grades 5 and 8 Overall Performance

Science MCAP Overall Proficiency by Assessment

2023 MCAP	
Assessment	**Test Takers**
Science 5	1946
Science 8	1881
Total	3827

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Science Grades 5 and 8
Race and Ethnicity

Science MCAP Race and Ethnicity Proficiency by Assessment
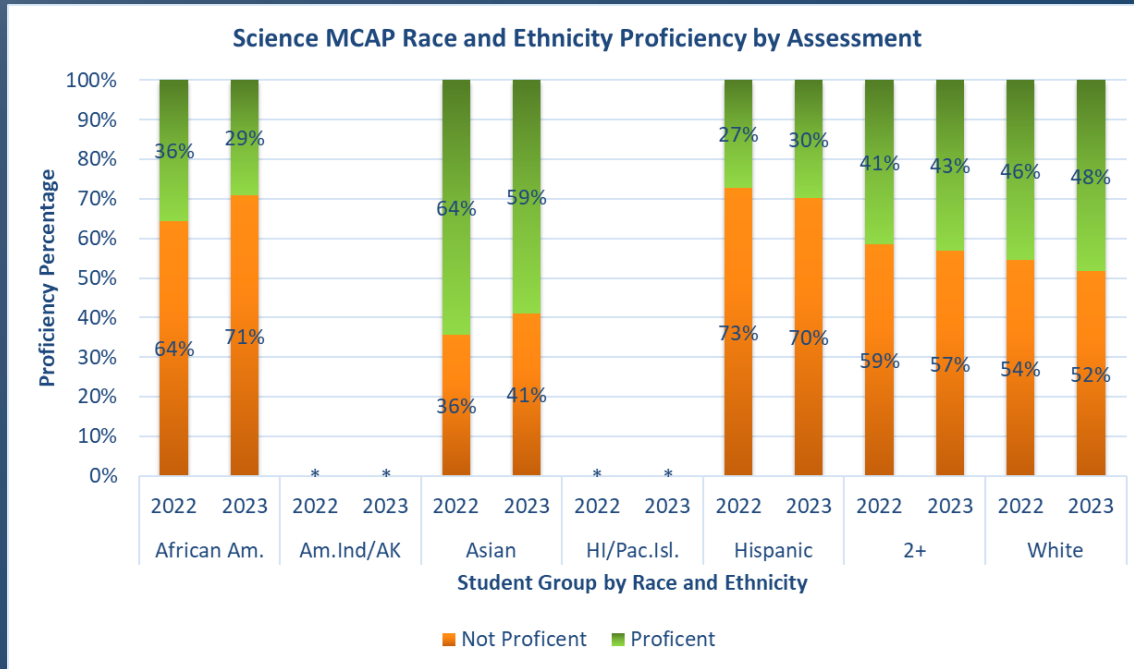
2023 MCAP	
Race and Ethnicity	**Test Takers**
African Am.	189
Am.Ind/AK	*
Asian	132
HI/Pac.Isl.	*
Hispanic	308
2+	139
White	3089

* Results Identifiable

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Science Grades 5 and 8 FaRMs

Science MCAP FaRMs Proficiency by Assessment

Science 5: 2022 CCPS MCAP 25%, 2023 CCPS MCAP 31%, 2023 State MCAP 18%

Science 8: 2022 CCPS MCAP 24%, 2023 CCPS MCAP 20%, 2023 State MCAP 12%

Legend: ■ 2022 CCPS MCAP ■ 2023 CCPS MCAP ■ 2023 State MCAP
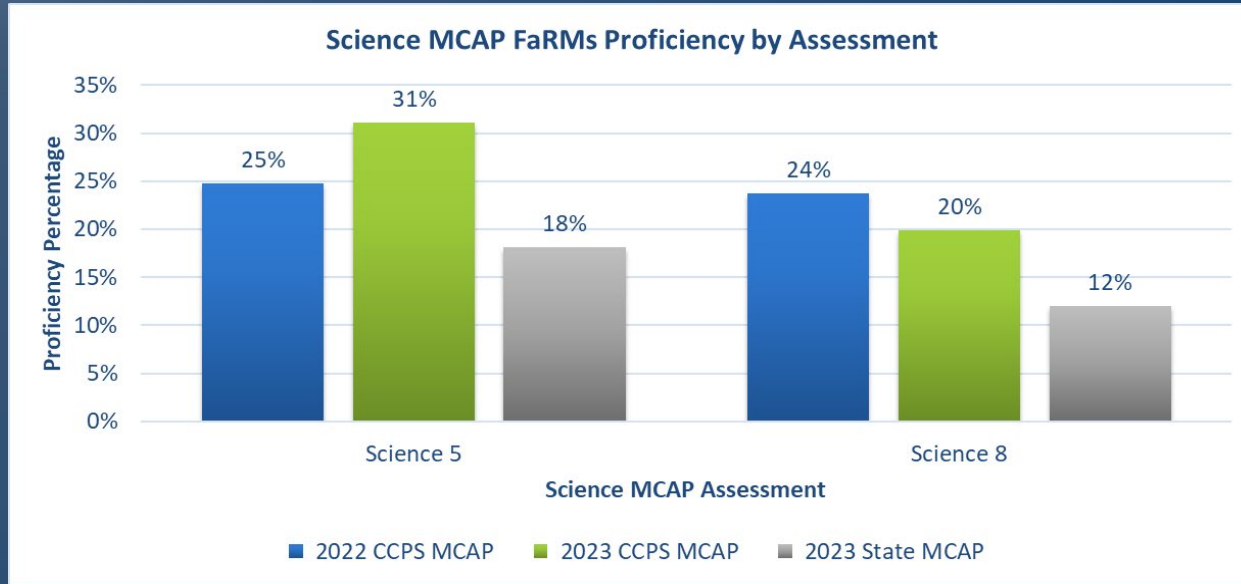
2023 MCAP	
Assessment	Test Takers
Science 5	531
Science 8	502
Total	1033

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Science Grades 5 and 8 Students with Disabilities

Science MCAP Students with Disabilities Proficiency by Assessment
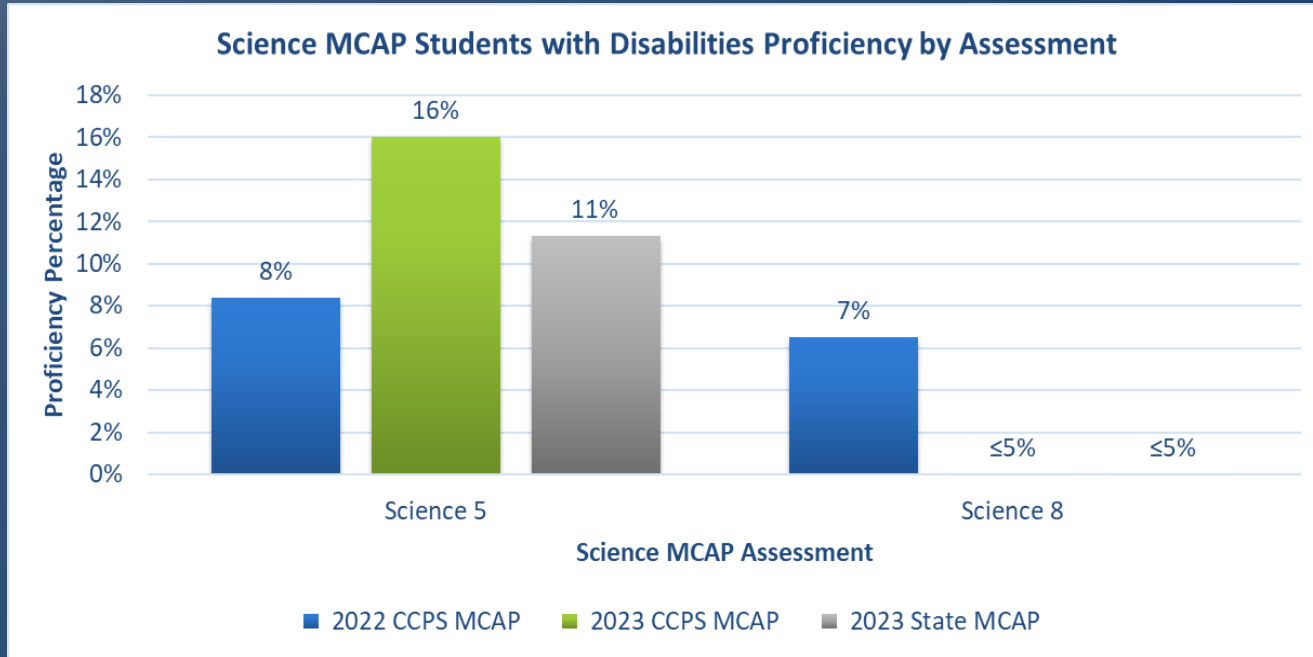
2023 MCAP	
Assessment	Test Takers
Science 5	244
Science 8	*

* Results Identifiable

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Science State Ranking Student Groups:
FaRMs, Students with Disabilities, English Learners

FaRMs		
MCAP	State Rank	Proficient
Science 5	2nd	31.1%
Science 8	3rd	19.9%

Students with Disabilities		
MCAP	State Rank	Proficient
Science 5	7th	16.0%
Science 8	*	≤5%

English Learners		
MCAP	State Rank	Proficient
Science 5	6th	9.1%
Science 8	*	≤5%

* Results Identifiable

Science State Ranking Student Groups: Race and Ethnicity

African Am.		
MCAP	State Rank	Proficient
Science 5	2nd	33.0%
Science 8	1st	25.6%

Am.Ind/AK		
MCAP	State Rank	Proficient
Science 5	*	*
Science 8	*	*

Asian		
MCAP	State Rank	Proficient
Science 5	5th	61.6%
Science 8	7th	56.2%

HI/Pac.Isl.		
MCAP	State Rank	Proficient
Science 5	*	*
Science 8	*	*

Hispanic		
MCAP	State Rank	Proficient
Science 5	1st	41.1%
Science 8	7th	18.6%

2+		
MCAP	State Rank	Proficient
Science 5	3rd	50.5%
Science 8	7th	32.8%

White		
MCAP	State Rank	Proficient
Science 5	3rd	57.0%
Science 8	12th	39.3%

* Results Identifiable

Building the Future

CCPS Overall Observations

- Overall, we rank well in comparison to other school districts in many of the MCAP assessments. However, we understand that we have a lot to approve upon.

- In comparison to the 2021-2022 ELA MCAP results, most student groups demonstrated an increase in proficiency and/or ranking.

- In ELA we had a slight decrease in grades 3 and 5. We have surpassed or maintained pre-pandemic levels as experienced state-wide.

CCPS Overall Observations

- Our math scores have not returned to pre-pandemic levels. Proficiency rates increased by up to 5% in grades 3-5 and in grade 8 we increased by 10%. Our FaRMs student group increased in all grade levels except in our Algebra I assessment.

- Grade 5 post pandemic science scores have increased each assessment year. Students with disabilities in grade 5 proficiency increased from 8% to 16%.

- We saw a 6% decrease in our 8th grade proficiency levels in comparison to the 2021-2022 results.

Next Steps for ELA

- Focus on triangulating local and state data in the intermediate grades (3-5) for flexible groupings and intervention support.

- Ensure training and resources for all grades 3-5 teachers in the Science of Reading as well as teachers of special populations (ESOL, Special Ed, Economically disadvantaged).

- Revise and update CCPS local assessments and benchmarks to ensure alignment to the MCAP assessments.

- Analyze and debrief local and MCAP assessment results with administrators and teachers to plan for instructional adjustments.

- Adopt and implement learning strategies based on current research for building writing fluency at the secondary level.

Building the Future

Next Steps for Math

- Revise, update, and develop common unit assessments that are standards aligned using MCAP evidence statements to share and compare achievement with administrators and teachers across the district.

- Implement collaborative co-teaching and planning models between classroom, math resource, special education, and ESOL teachers to provide high-quality first-pass instruction.

- Utilize lead data measures with administrators and teachers to analyze and compare student achievement across all student groups and provide targeted small-group or individual intervention based on this information.

- Expand math interventions - Bridges (Elementary) and IXL (Secondary) - to ensure the closing of learning gaps for our most struggling students.

- Implement individualized plans, aligned with Blueprint's CCR standards, for all high school students who have not demonstrated proficiency in mathematics.

Next Steps for Science

- Continue to revise newly developed common assessments to ensure alignment to the evidence statements of the NGSS and MISA.

- Strengthen collaboration between the elementary and secondary science offices and schools to analyze data and address student achievement.

- Focus on professional learning that builds teacher capacity to deliver three-dimensional instruction aligned to the NGSS.

- Continue to utilize the progressions of NGSS to evaluate coherence across the CCPS K-12 program.

- Embed appropriate support in the form of teacher guidance of model lesson resources for ESOL, Special Education, and Advanced Academics as curriculum is developed and revised.

Next Steps for Our Schools

- School Improvement Teams will further analyze school-wide, student group, and individual student MCAP data by specific standards and share results with stakeholders.

- School Improvement Teams will work with grade level and/or disciplinary teams to establish goals and actions specific to their student needs.

- Schools will compare MCAP data with local assessment data to identify trends, strengths, and determine areas in need of improvement.

- Principals will analyze system-wide data by level at Principal's meetings to determine trends within the performance data.

- Schools will engage in targeted professional learning to address the instructional needs of each school.

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Questions