

Maryland Comprehensive Assessment Program (MCAP) Spring 2022 Results

EWD Committee Meeting
March 13, 2023



Prince George's County Board of Education

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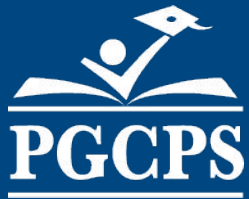
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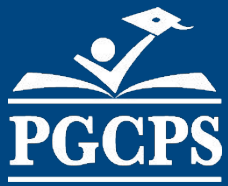
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Monica E. Goldson, Ed.D., Secretary/Treasurer and Chief Executive Officer



Maryland Comprehensive Assessment Program (MCAP) Spring 2022 Results



What to know about MCAP 2022

- Spring 2019 - Last reportable administration of MCAP was pre-COVID;
- Early Fall 2021 - Considered a field test;
- Spring 2022 NEW MCAP ELA and Mathematics items;
- Standard setting occurred Summer 2022 and resulted in four reporting performance levels; and
- Scale Score of **750** still determines proficiency and College and Career Readiness according to MD Blueprint.
- [SY22 MCAP Data Brief](#)

MCAP Performance Level Descriptions

MCAP reporting will embrace a growth mindset with new language for reporting student performance levels beginning with the ELA and mathematics from Spring 2022.

Performance Level Descriptions

-  Level 4 Distinguished Learner
-  Level 3 Proficient Learner
-  Level 2 Developing Learner
-  Level 1 Beginning Learner

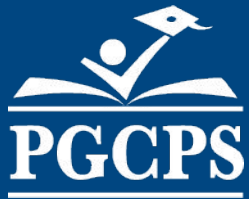
Level 4 Distinguished Learners: Distinguished Learners demonstrate advanced proficiency. The students are well prepared for the next grade level or course and are well prepared for college and career readiness.

Level 3 Proficient Learners: Proficient Learners demonstrate proficiency. The students are prepared for the next grade level or course and are on track for college and career readiness.

Level 2 Developing Learners: Developing Learners demonstrate partial proficiency. The students need additional academic support to ensure success in the next grade level or course and to be on track for college and career readiness.

Level 1 Beginning Learners: Beginning Learners do not yet demonstrate proficiency. The students need substantial academic support to be prepared for the next grade level or course and to be on track for college and career readiness.

Source. Maryland State Department of Education, District Performance Level Summary Report, January 2023.

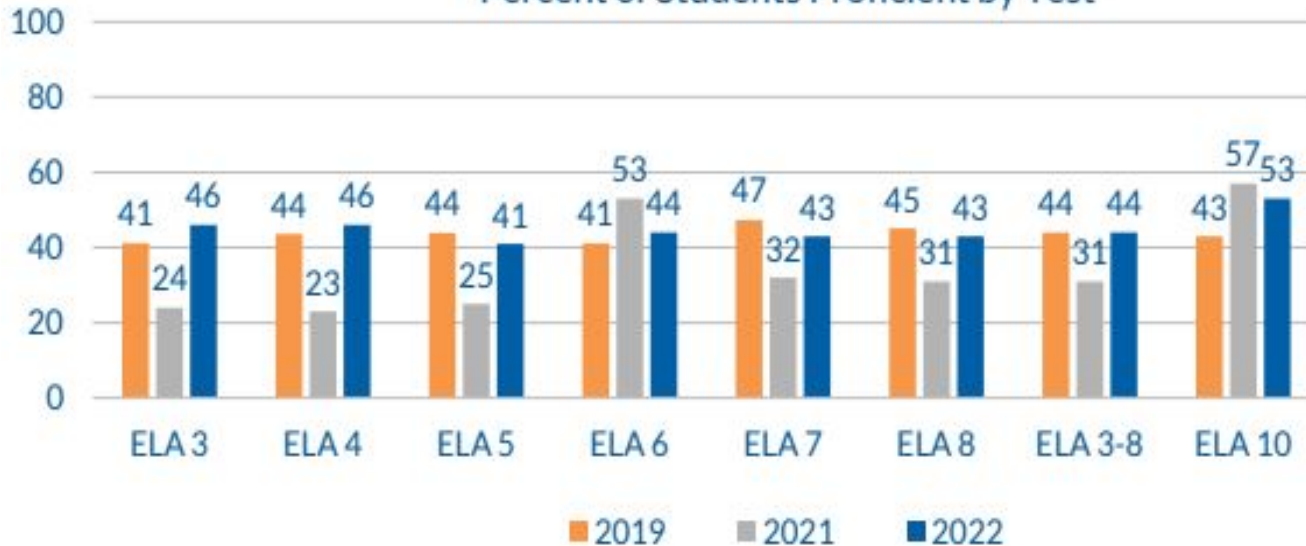


English/Language Arts Results

English Language Arts Assessment Trend

Maryland students have returned to pre-pandemic performance with the percent of students proficient from SY 2021-2022 similar to or better than the performance from SY 2018-2019 across nearly all tests.

Percent of Students Proficient by Test



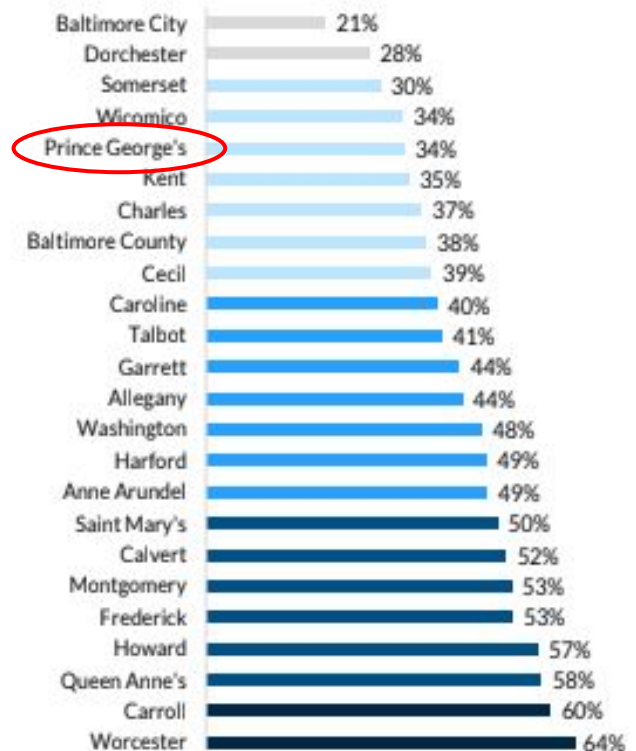
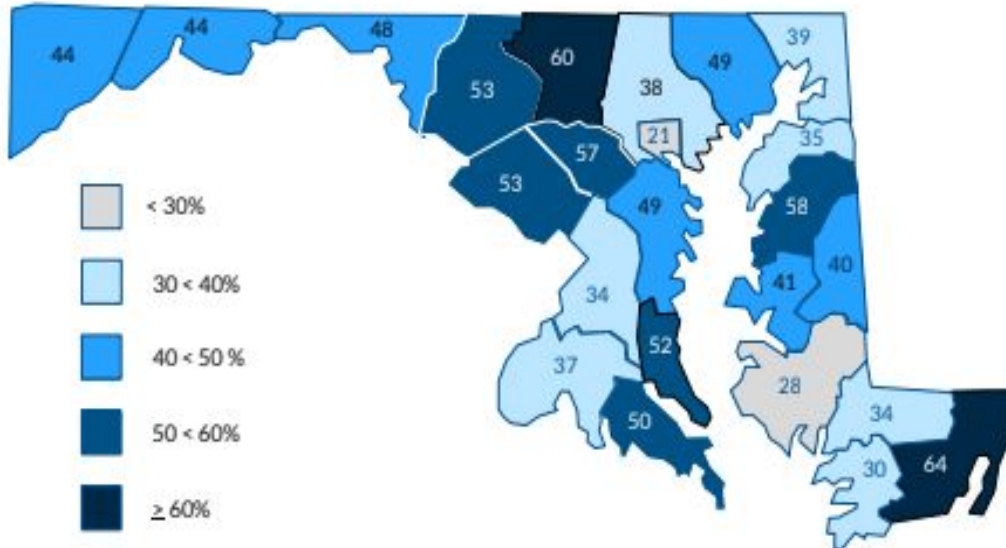
Test	Tested Count 2019	Tested Count 2021	Tested Count 2022
ELA 3	66,062	61,579	62,534
ELA 4	67,978	63,364	62,971
ELA 5	69,513	60,888	64,278
ELA 6	67,866	63,455	62,910
ELA 7	65,821	65,187	64,444
ELA 8	64,166	57,816	66,265
ELA 3-8	401,406	372,289	383,402
ELA 10	88,820	56,023	68,823

Note: SY 2020-2021 assessments were shortened assessments taken in Early Fall of 2021. SY 2021-2022 data as of December 19, 2022.

Source. Maryland State Department of Education, District Performance Level Summary Report, January 2023.

English Language Arts Grade 3-8 Tests by LEA, SY 2021-2022

Statewide, the percentage of students scoring proficient in ELA grade 3-8 tests is 44%. LEAs vary from a low of 21% to a high of 64% in proficiency percentage.

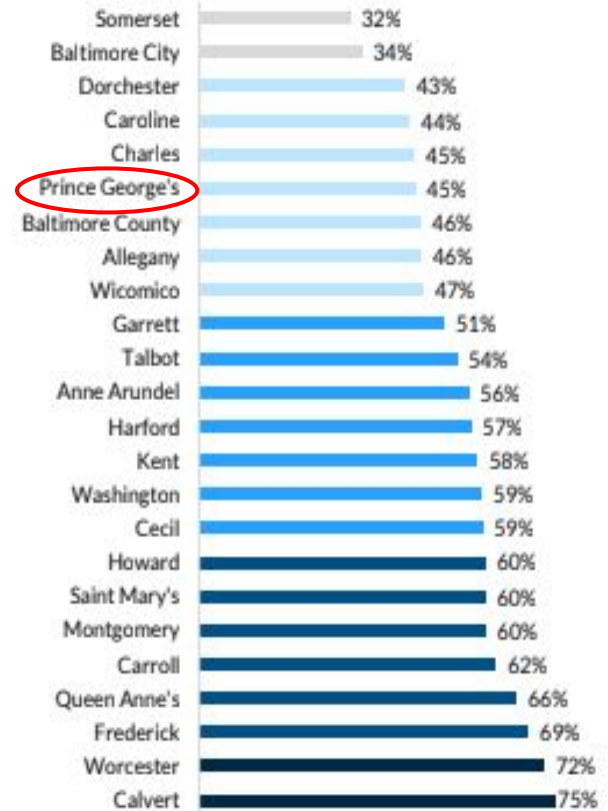
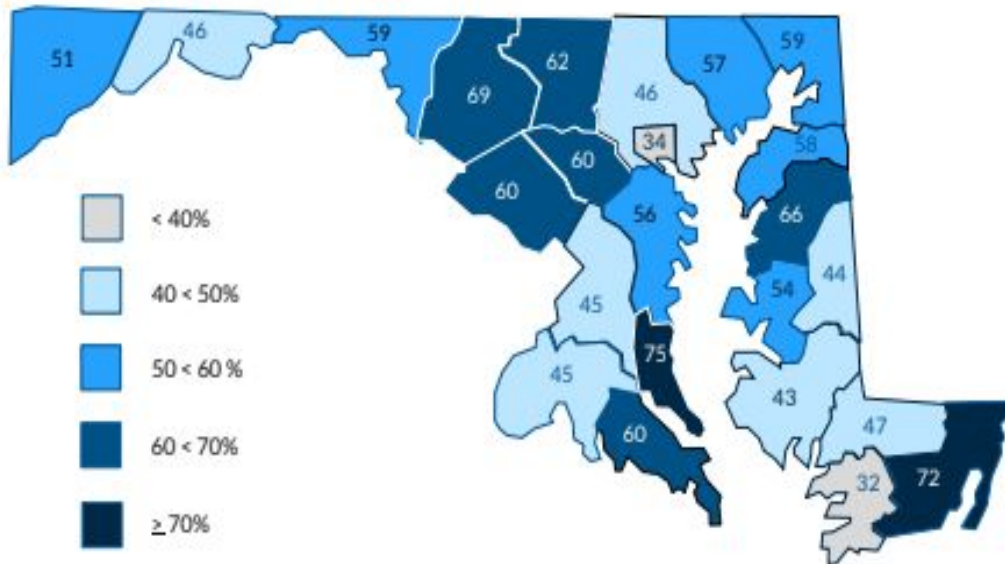


Note: SY 2021-2022 data as of December 19, 2022.

Source: Maryland State Department of Education, District Performance Level Summary Report, January 2023.

English 10 Test by LEA, SY 2021-2022

Statewide, the percentage of students scoring proficient in the English 10 test was 53% for SY 2021-2022. LEAs vary from a low of 32% to a high of 75% in proficiency percentage.



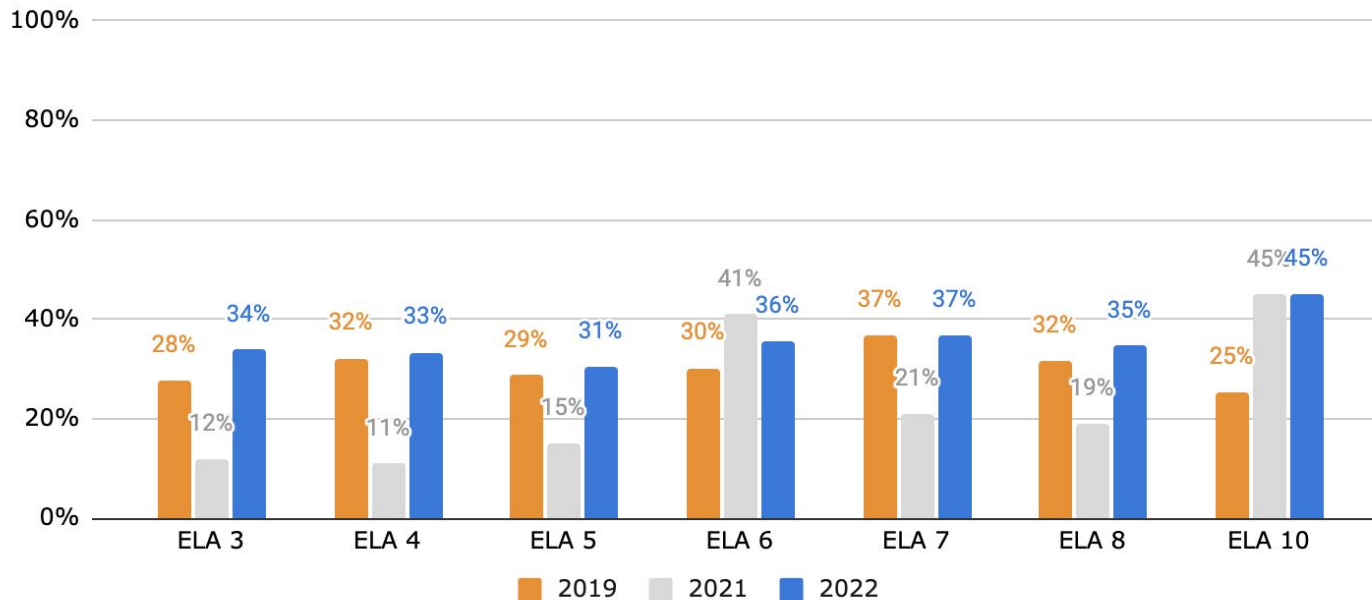
Note: SY 2021-2022 data as of December 19, 2022.

Source: Maryland State Department of Education, District Performance Level Summary Report, January 2023.

PGCPS English Language Arts Assessment Trends

PGCPS students have returned to pre-pandemic performance with the percent of students proficient from SY22 better than the performance from SY19 across all tests.

Percent of Students Proficient by Test



Test	Tested Count 2019	Tested Count 2021	Tested Count 2022
ELA 3	10,047	9,097	9,309
ELA 4	10,196	9,185	9,475
ELA 5	10,317	8,844	9,579
ELA 6	10,018	8,897	9,428
ELA 7	9,562	9,016	9,145
ELA 8	9,170	7,548	9,331
ELA 3 - 8	59,310	52,587	56,267
ELA 10	10,786	7,398	10,003

* Note: SY2021 assessments were shortened assessments taken in the early Fall of 2021.

English Language Arts Growth - SY2019 to SY2022

PGCPS students have demonstrated growth from pre-pandemic performance across all grade levels in a test to test comparison.

Percent of Students Proficient



On the Path To ELA Proficiency

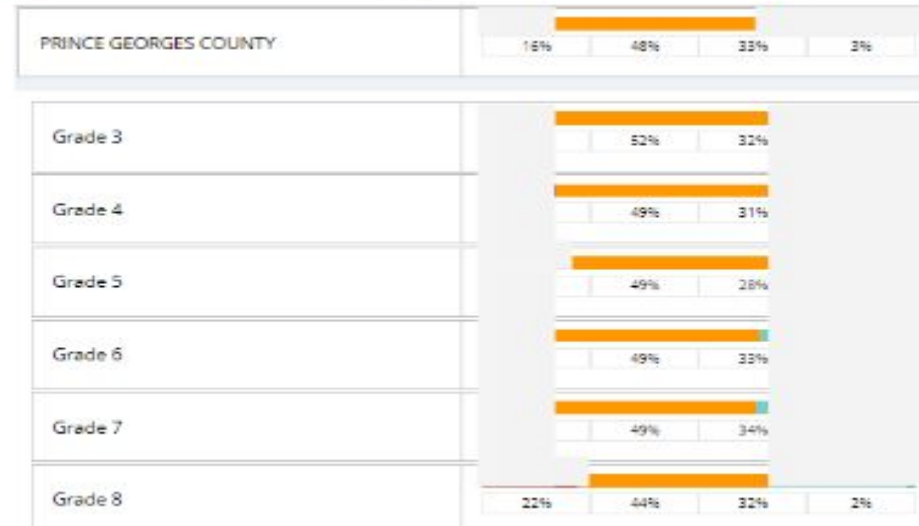
Performance Level Scale

Beginning Learner

Developing Learner

Proficient Learner

Distinguished Learner



Breaking down the second performance level (“Developing Learner”) into smaller groups could result in benefits of making the data more specific and therefore more actionable.

Based on our analysis, the following number and percentage of students by grade band were on average **~10 scale score points** away from being identified as “Proficient Learner”.

Grade Band	# of Students ~10 Scale Score Points away from “Proficient Learner”	% of Students ~10 Scale Score away from “Proficient Learner”
Grades 3 - 5	5,536	20%
Grades 6 - 8	5,570	20%
English 10	1,893	18%

Reading/English Language Arts

Interventions and Tutoring Opportunities

Provided access to tutoring and interventions—Identified software and web based programs to address achievement among our English Language Learners and Special Education Students

- Book Nook
- iReady
- Voyager Passport
- Lexia Core 5
- Lexia Power Up
- Achieve 3000
- TutorMe

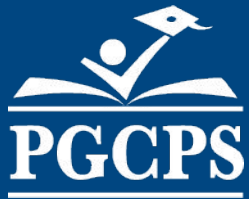
Curriculum consists of a systemic scope and sequence of phonics instruction aligned to grade-level foundational skills. Reading, Writing, Listening, and Speaking activities are included in all curriculum documents. A comprehensive revamp of the Early Literacy Curriculum in PGCPs is grounded in the **Science of Reading (SOR)**.

The prescribed curriculum includes explicit instruction using research-based instructional practices that include a clear objective, teacher modeling, guided and independent practice, and monitoring and feedback.

Developed Canvas Exemplar courses to provide teachers with student facing model lessons and pacing to deliver the prescribed curriculum. Lessons include intensive instruction that focus on a high level of student-teacher interaction, small group instruction, and targeted lessons.

Implementing mClass DIBELS as our Reading Fluency as our Universal Screener. Any student identified as at risk on this assessment, is automatically assigned an intervention.

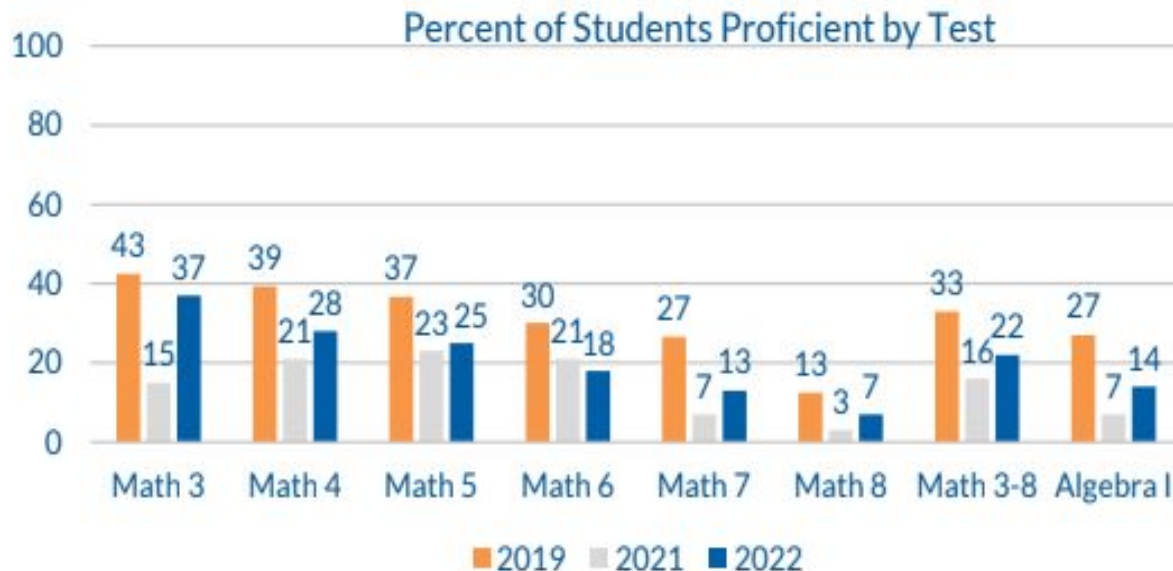
Offered professional development and virtual office hour sessions focused on the analysis of student data, and engaging students in purposeful learning.



Mathematics Results

Mathematics Assessment Trends

In Maryland, most grades in mathematics have improved as compared to the Early Fall 2021 assessments. Students have not returned to pre-pandemic performance outcomes when comparing to SY 2018-2019.



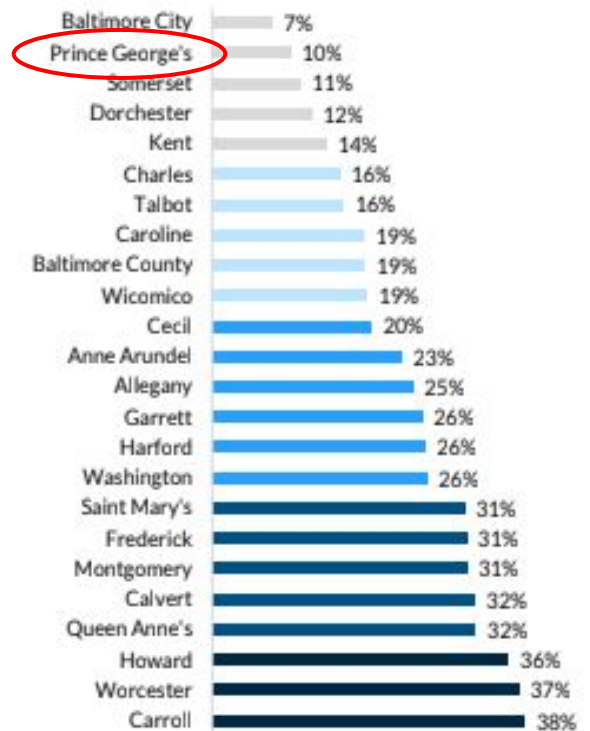
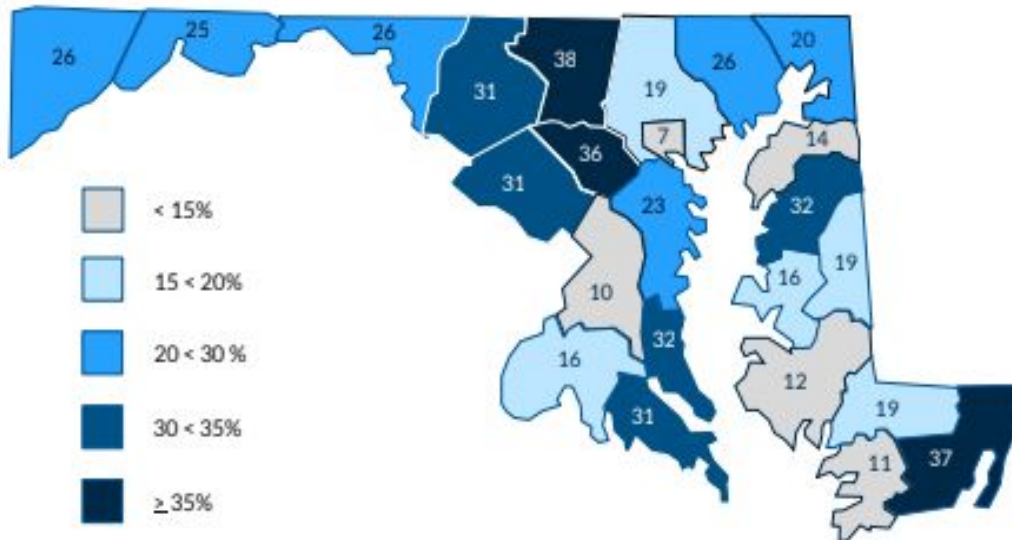
Test	Tested Count 2019	Tested Count 2021	Tested Count 2022
Math 3	66,364	61,706	63,246
Math 4	68,307	63,336	63,730
Math 5	69,786	60,827	64,979
Math 6	67,762	62,902	63,178
Math 7	58,120	56,078	56,279
Math 8	36,356	33,658	41,265
Math 3-8	366,695	338,507	352,677
Algebra I	98,988	59,623	76,608

Note: SY 2020-2021 assessments were shortened assessments taken in Early Fall of 2021. SY 2021-2022 data as of December 19, 2022.

Source. Maryland State Department of Education, District Performance Level Summary Report, January 2023.

Mathematics Grade 3-8 Tests by LEA, SY 2021-2022

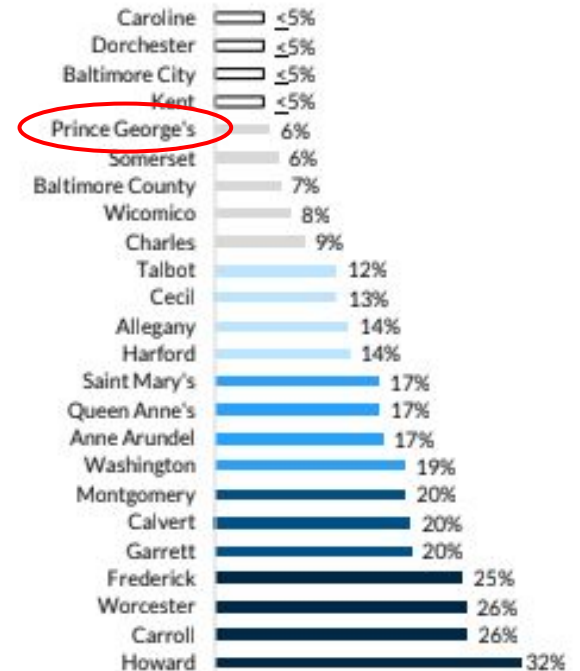
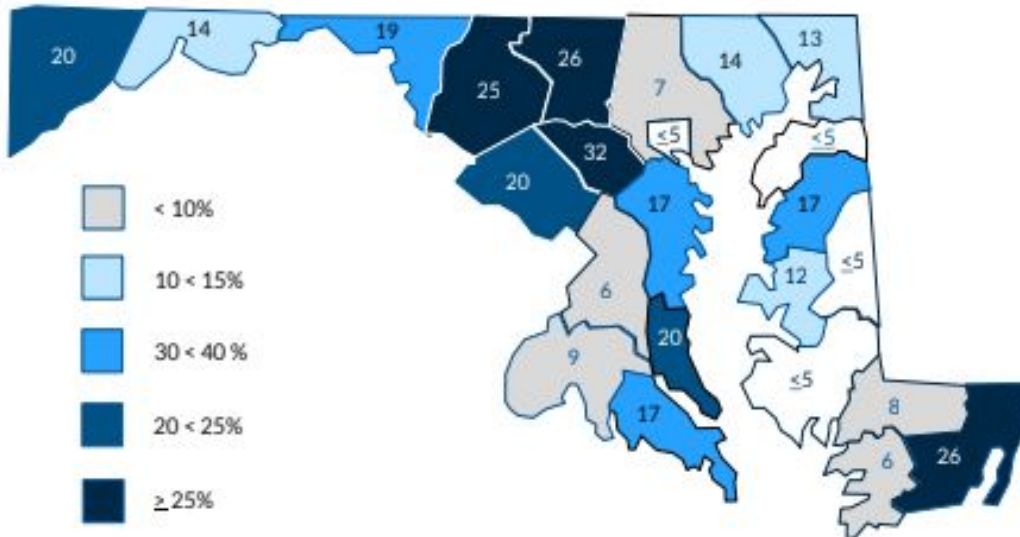
Statewide, the percentage of students scoring proficient on math grade 3-8 tests is 22% for SY 2021-2022. LEAs vary from a low of 7% to a high of 38% in proficiency percentage.



Source: Maryland State Department of Education, District Performance Level Summary Report, January 2023.

Algebra I Test by LEA, SY 2021-2022

Statewide, the percentage of students scoring proficient on the Algebra I test was 14% for SY 2021-2022. LEAs vary from a low of <5% to a high of 32% in proficiency percentage.



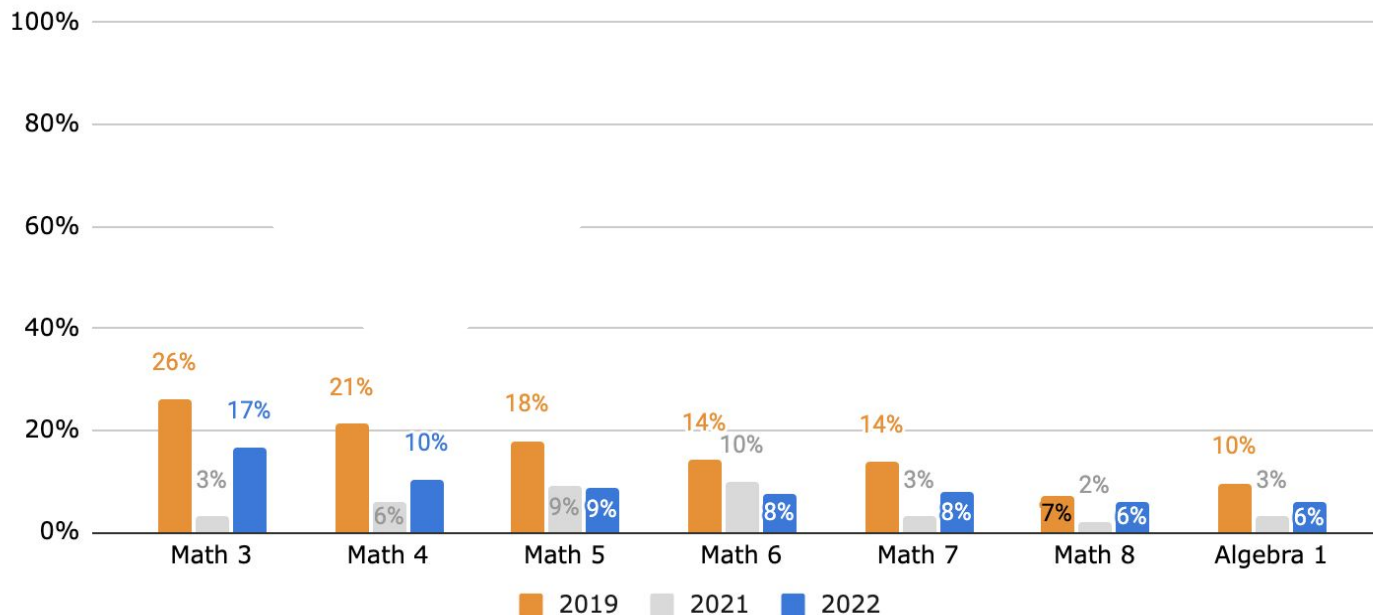
Note: SY 2021-2022 performance data as of December 19, 2022

Source: Maryland State Department of Education, District Performance Level Summary Report, January 2023.

PGCPS Mathematics Assessment Trends

PGCPS students have not returned to pre-pandemic performance with the percent of students proficient from SY22 less than the performance from SY19 across all tests.

Percent of Students Proficient by Test



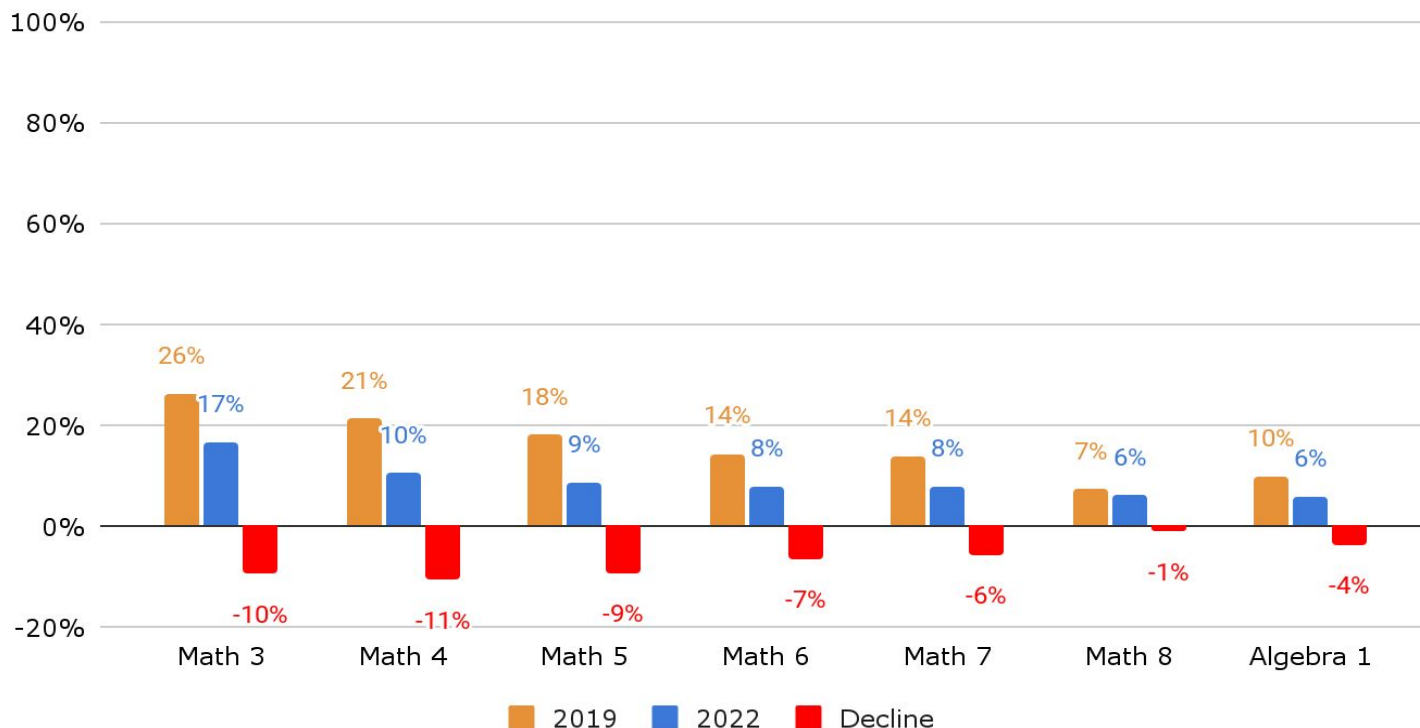
Test	Tested Count 2019	Tested Count 2021	Tested Count 2022
Math 3	10,239	9,137	9,309
Math 4	10,387	9,198	9,475
Math 5	10,479	8,894	9,579
Math 6	10,182	9,025	9,428
Math 7	9,663	8,934	9,145
Math 8	7,741	6,164	9,331
Math 3 - 8	58,691	51,352	56,267
Algebra 1	13,247	9,244	10,003

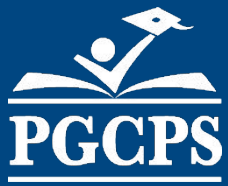
* Note: SY2021 assessments were shortened assessments taken in the early Fall of 2021.

PGCPS Mathematics Decline - SY2019 to SY2022

PGCPS students have shown a decline from pre-pandemic performance across all grade levels in a test to test comparison.

Percent of Students Proficient





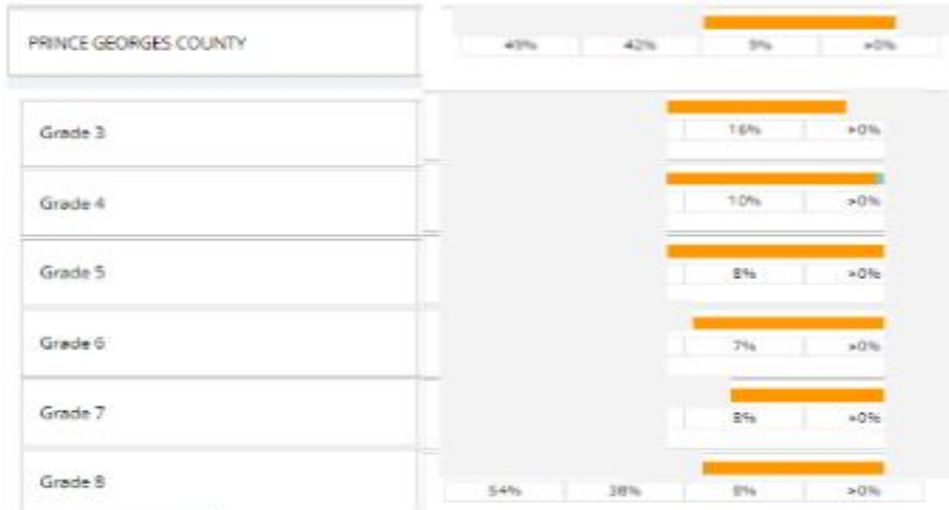
On the Path To Mathematics Proficiency

Performance Level Scale
■ Beginning Learner

■ Developing Learner

■ Proficient Learner

■ Distinguished Learner



Breaking down the second performance level (“Developing Learner”) into smaller groups could result in benefits of making the data more specific and therefore more actionable.

Based on our analysis, the following number and percentage of students by grade band were on average **~10 scale score points** away from being identified as “Proficient Learner”.

Grade Band	# of Students ~10 Scale Score Points away from “Proficient Learner”	% of Students ~10 Scale Score away from “Proficient Learner”
Grades 3 - 5	3,364	12%
Grades 6 - 8	2,787	10%
Algebra I	968	11%

Mathematics

Systemic Focus on Mathematics

- School/Classroom Culture and Efficacy
- School Performance Plans (SPP) Focus
- Collaborative Plans
- Data Informed Instruction
- Informal and Formal Math Observations
- Quarterly Mathematics Learning Walks
- Focused Mathematics Professional Development

Interventions and Tutoring Opportunities

- Dreambox
- IXL
- Mathia
- Mobius Math
- Carnegie Learning on Demand Tutoring
- Carnegie Learning Small Group Tutoring

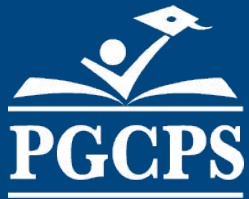
The K-12 mathematics curriculum provides evidence-based instructional strategies to ensure all learners have access to rigorous and engaging grade/course content.

Developed Canvas Exemplar courses to provide teachers with student facing model lessons and pacing to deliver the prescribed curriculum.

Implemented Virtual Office Hours across the department. Set hours are made available from all departments to provide opportunities to connect with teachers who need instructional support.

At the elementary level, central office designed an asynchronous course for teachers to provide guidance on how to implement the curriculum.

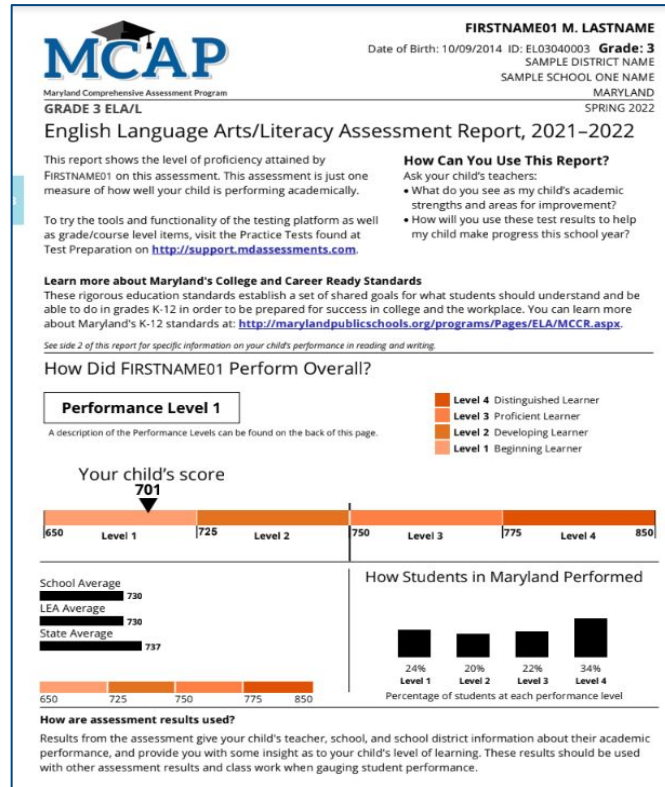
Professional development for teachers and administrators is focused on the analysis of student data, engaging students in purposeful sharing of mathematical ideas, reasoning and approaches.



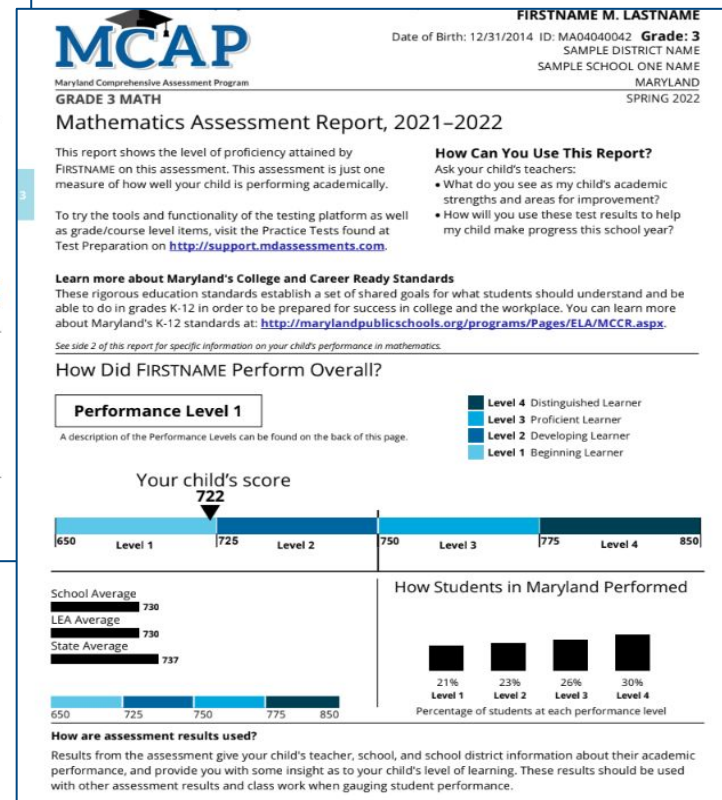
MCAP Results Reporting

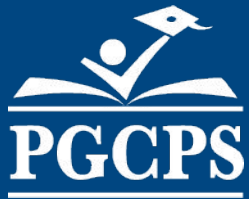
MCAP Individual Student Report

- Report provided to parents and families with information on student's score, performance level with a performance level description.
- The School, LEA and State average and percent proficient provided for comparison.
- Additional information on how a student performed on sub-scores such as content, modeling and reasoning for mathematics.



**Anticipated School Delivery
Date of March 9th**






Maryland School Report Card Framework a.k.a. Star Ratings

Maryland School Report Card: Overview

- Each school's results on the Maryland accountability system are compiled and reported on the Maryland Report Card website.
- The Maryland School Report Card has disaggregated data showing how each student group performed.
- The Maryland Report Card website and the School Report Cards are designed to spark conversation, ideas, and solutions for Maryland schools.




Maryland School Report Card: Overview



Sample Name Elementary School

2018 – 2019 School Report Card



4 OUT OF 5 STARS

Percentile Rank: 74

Sample Name Elementary School (ID#)

Grade Span: Elementary

County: Sample

123 Sample Street Name
Sample Name, Md 21122
Phone: 410-111-2222

HOW DID MY SCHOOL DO OVERALL?

Overall school performance is determined by a combination of academic and school quality/student success indicators. The total earned points percent is provided as well as a percentile rank and a star designation.

INDICATOR	POSSIBLE POINTS	EARNED POINTS	ANNUAL TARGET	IMPROVEMENT
Academic Achievement	20	14	✓	✓
Academic Progress	35	25	n/a	✗
Progress in Achieving English Language Proficiency	10	7	✓	✓
School Quality and Student Success	35	22	n/a	✓
TOTAL POINTS:	100	51		

Total Earned Points: 68


Total Possible Points: 100

=

68%


TOTAL EARNED POINTS PERCENT

Maryland School Report Card: Overview



Sample Name Middle School

2018 – 2019 School Report Card



4 OUT OF 5 STARS

Percentile Rank: 76

Sample Name Middle School (ID#)

Grade Span: Middle

County: Sample

123 Sample Street Name
Sample Name, Md 21122
Phone: 410-111-2222

HOW DID MY SCHOOL DO OVERALL?

Overall school performance is determined by a combination of academic and school quality/student success indicators. The total earned points percent is provided as well as a percentile rank and a star designation.

INDICATOR	POSSIBLE POINTS	EARNED POINTS	ANNUAL TARGET	IMPROVEMENT
Academic Achievement	20	14	✓	✓
Academic Progress	31.5	25	n/a	✗
Progress in Achieving English Language Proficiency	10	7	✓	✓
School Quality and Student Success	35	22	n/a	✓
TOTAL POINTS:	96.5	68		


Total Earned Points: 68

Total Possible Points: 96.5

70%


TOTAL EARNED POINTS PERCENT

Maryland School Report Card: Overview



Sample Name High School

2018–2019 School Report Card



4 OUT OF 5 STARS

Percentile Rank : 71

Sample Name High School (ID#)

Grade Span: High

County: Sample

123 Sample Street Name
Sample Name, Md 21122
Phone: 410-111-2222

HOW DID MY SCHOOL DO OVERALL?

Overall school performance is determined by a combination of academic and school quality/student success indicators. The total earned points percent is provided as well as a percentile rank and a star designation.

INDICATOR	POSSIBLE POINTS	EARNED POINTS	ANNUAL TARGET	IMPROVEMENT
1a Academic Achievement	30	21	✓	✓
1b Graduation Rate	15	10	✗	✓
1c Progress in Achieving English Language Proficiency	10	8	✓	✓
1d Readiness for Post-Secondary Success	10	7	n/a	✗
1e School Quality and Student Success	35	22	n/a	✓
TOTAL POINTS:	100	68		

Total Earned Points: **68**

Total Possible Points: **100**

=

68%

TOTAL EARNED POINTS PERCENT

Stars Awarded by Total Points Percentage



5 stars when a schools has earned at least 75% of total possible points



4 stars when a school has earned at least 60% but less than 75% of total possible points



3 stars when a school has earned at least 45% but less than 60% of total possible points



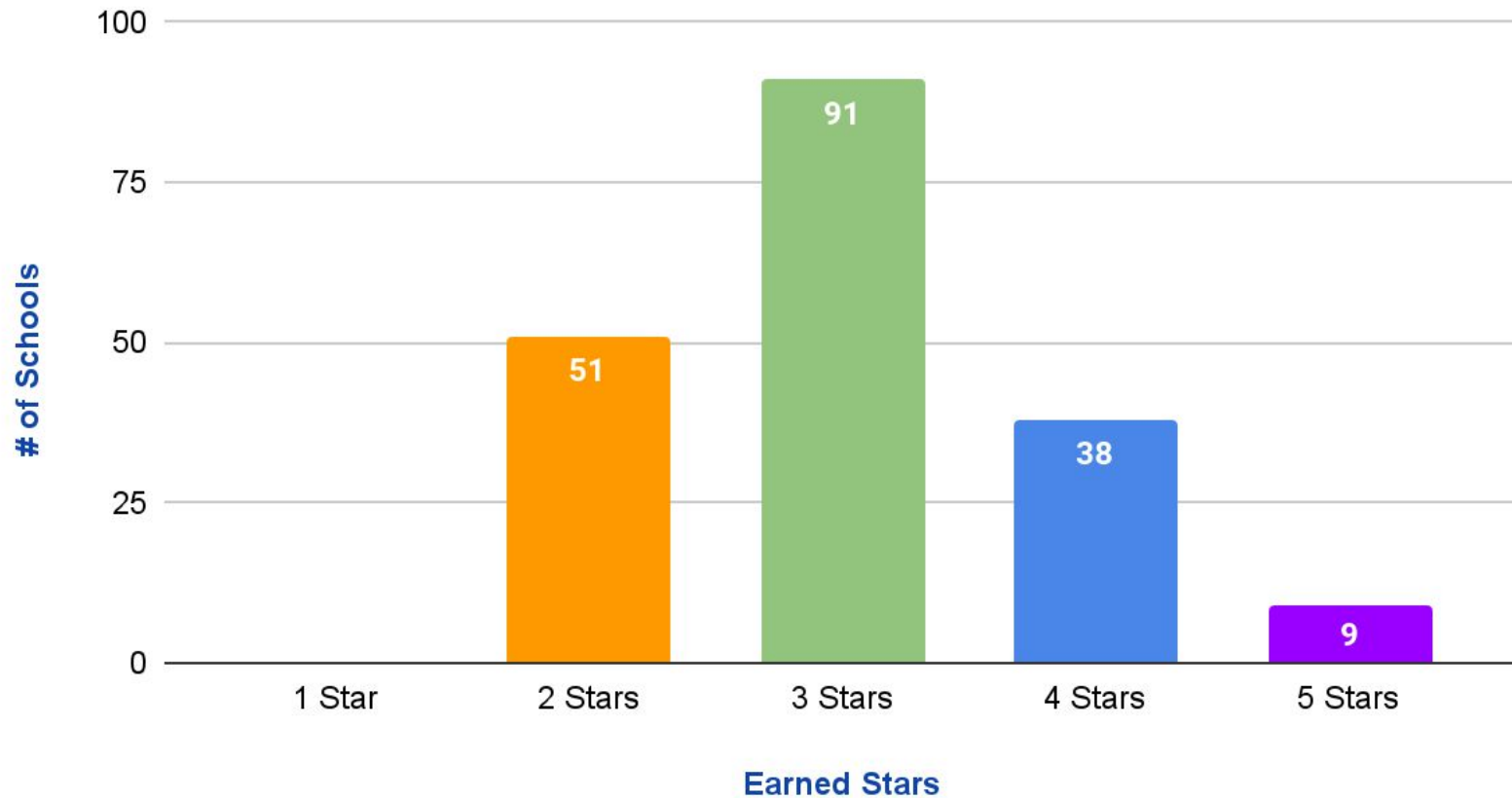
2 stars when a school has earned at least 30% but less than 45% of total possible points



1 star when a school has earned less than 30% of total possible points

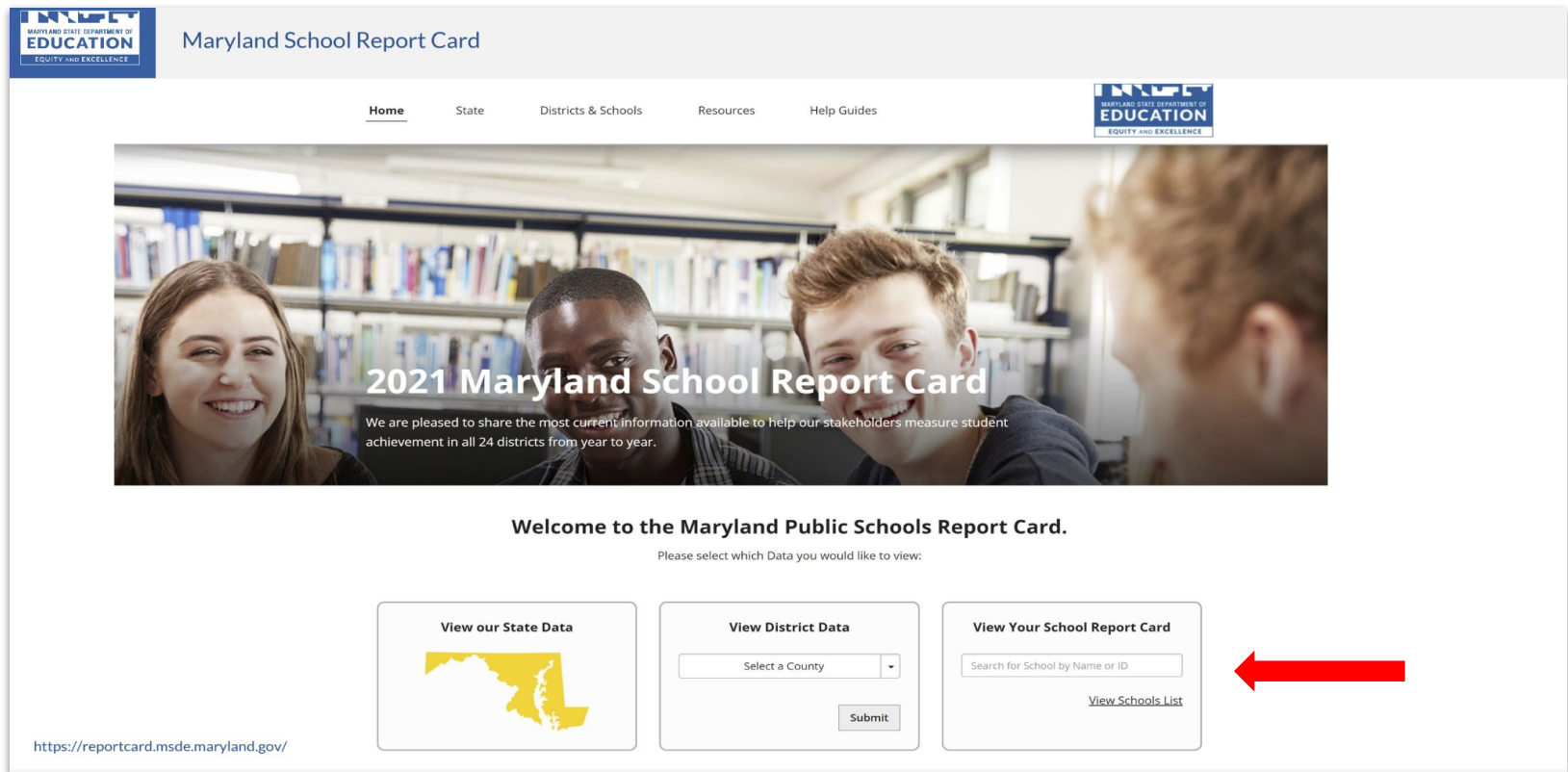
Star Ratings

Star Rating (SY22)



Public Access to School Report Cards

The school's report card can be found at
www.mdreportcard.org

A screenshot of the Maryland School Report Card website. The header includes the Maryland State Department of Education logo and the title "Maryland School Report Card". Navigation links for Home, State, Districts & Schools, Resources, and Help Guides are present. A large banner image shows three diverse students smiling in a library, with the text "2021 Maryland School Report Card" and a message about sharing current information. Below the banner, a welcome message is followed by a prompt to select data to view. Three buttons are shown: "View our State Data" with a map of Maryland, "View District Data" with a county selection dropdown and a submit button, and "View Your School Report Card" with a search input field and a "View Schools List" link. A red arrow points to the "View Your School Report Card" button. The URL "https://reportcard.msde.maryland.gov/" is at the bottom left.

Maryland School Report Card

Home State Districts & Schools Resources Help Guides

2021 Maryland School Report Card

We are pleased to share the most current information available to help our stakeholders measure student achievement in all 24 districts from year to year.

Welcome to the Maryland Public Schools Report Card.

Please select which Data you would like to view:

View our State Data

View District Data

Select a County

Submit

View Your School Report Card

Search for School by Name or ID

[View Schools List](#)

<https://reportcard.msde.maryland.gov/>



Questions???

Thoughts???

Wonderings???