



Mohammed Choudhury
State Superintendent of Schools

To: Members of the State Board of Education
From: Mohammed Choudhury, State Superintendent of Schools
Date: January 24, 2023
Subject: Accountability Update

Purpose

The purpose of this item is to provide an update on the school year 2022-2023 Maryland public schools enrollment data, school year 2021-2022 attendance rate data, and the most recent college readiness assessment results (SAT, Advanced Placement, ACT).

Background/Historical Perspective

The Maryland State Department of Education (MSDE) is required to obtain records of all students enrolled in Maryland public schools. This information is used to determine State Aid eligible students and the distribution of State Aid to local school systems. Local Education Agencies (LEAs) submit enrollment data to MSDE in the fall of each year as part of the September Attendance data collection. Each summer, LEAs report data on each student from the first day of school through the end of the school year. Each student record contains the student's entry and exit information, number of days in attendance, and demographic information. Data from this End-of-Year Attendance data collection supports MSDE federal and state reporting requirements and is an integral part of the Maryland Accountability System.

Executive Summary

This presentation provides updates on the following data:

1. School year 2022-2023 state and LEA enrollment counts;
2. School year 2021-2022 attendance rate data; and
3. SAT, Advanced Placement (AP), and ACT participation and performance data for school year 2021-2022 high school completers.

Action

No action is required; this information is for discussion only.

Accountability Update

MARYLAND STATE BOARD OF EDUCATION | January 24, 2023

Presented By | Chandra Haislet, Assistant State Superintendent, Division of Assessment, Accountability and Performance Reporting





PRESENTATION OUTLINE

1. Enrollment
2. Attendance
3. College Readiness Assessment Data

1. Enrollment Data
2. Attendance Data
3. College Readiness Assessment Data

Enrollment Data

Enrollment data for the 2022-2023 school year.

Enrollment: Definition and Maryland Law

Enrollment refers to whether a student's name was, is, or will be officially registered on the roll of a school or schools as of September 30th in the given school year*.

Admission

Under State Law, all individuals aged 5 years old or older and under 21 shall be admitted free of charge to the public schools of this State. (Md. Ann. Code., Ed. Art, §7-101)

Location

Each child shall attend a public school in the county where the child lives with their parent or guardian. (Md. Ann. Code., Ed. Art, §7-101)

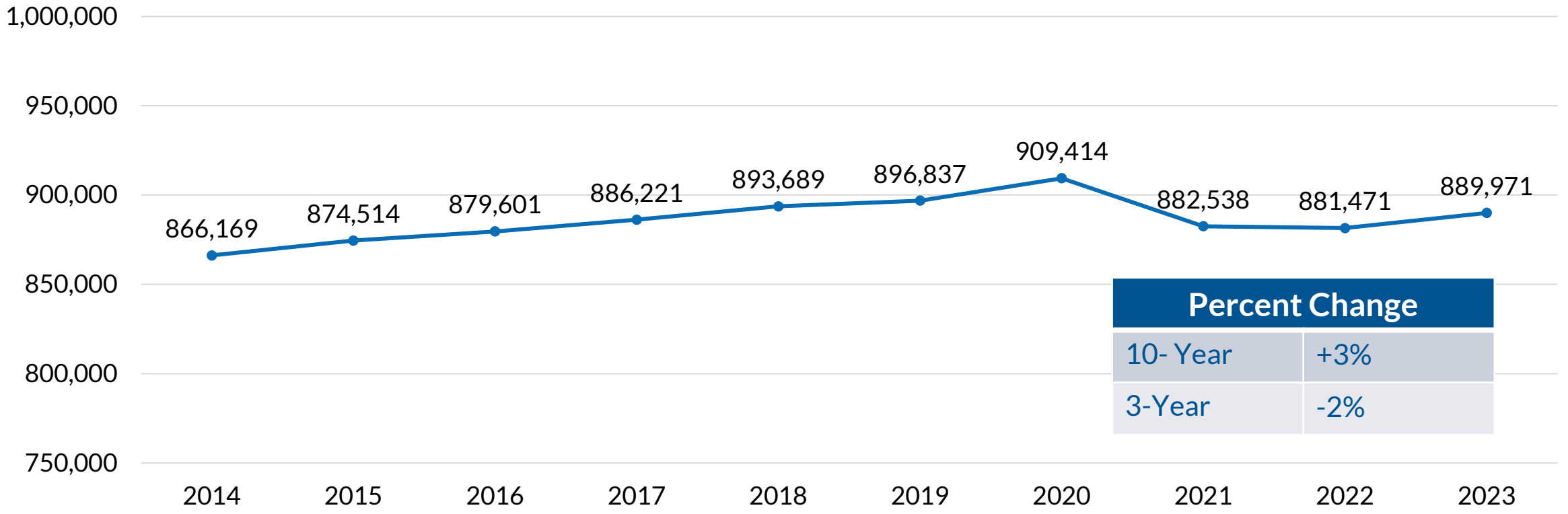
Collection Timeline

The MSDE collects enrollment once per year as of September 30 or the closest weekday if the date falls on the weekend. The September 30 date is established in State Law. (Md. Ann. Code, Ed. Art., §5- 201(g)(1))

* Adapted from *the National Forum on Education Statistics. (2018). [Forum Guide to Collecting and Using Attendance Data](#) (NFES 2017-007). U.S. Department of Education. Washington, DC: National Center for Education Statistics, p. 5.*

Maryland Public School Enrollment 10-Year Trend

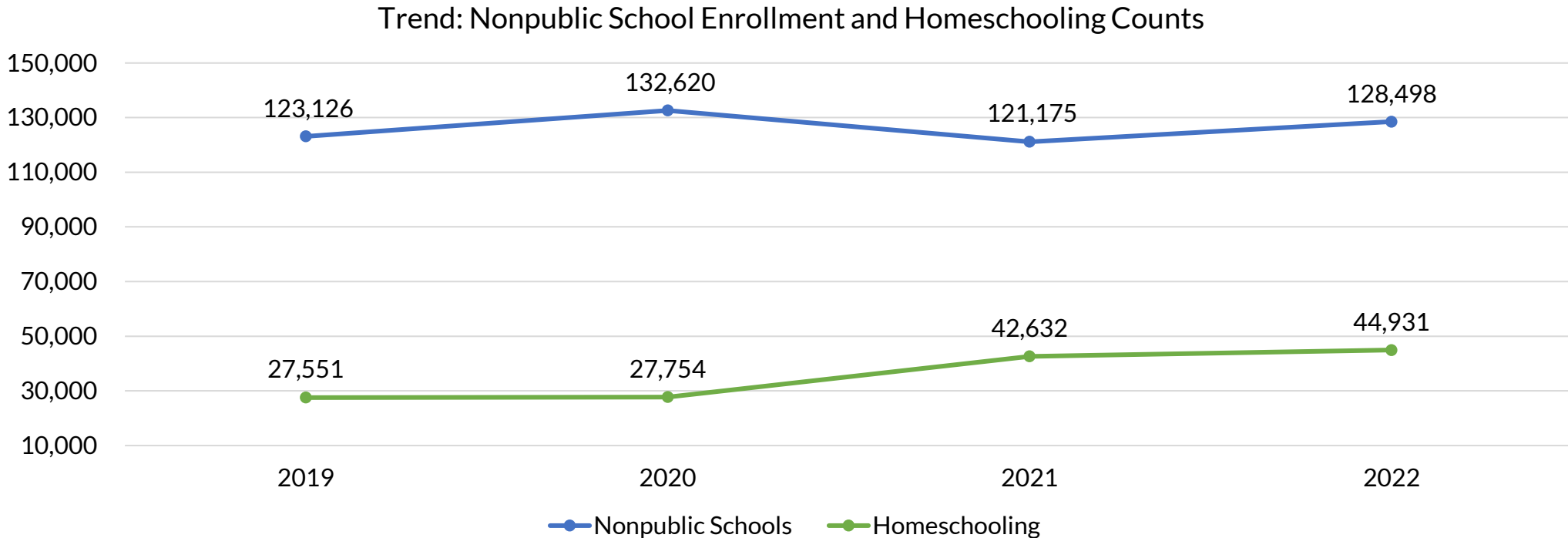
Maryland has had an enrollment increase of 3% since 2014; however, since 2020 enrollment has decreased by 2%.



Source: September 30th Enrollment

Nonpublic School Enrollment and Homeschooling Trends

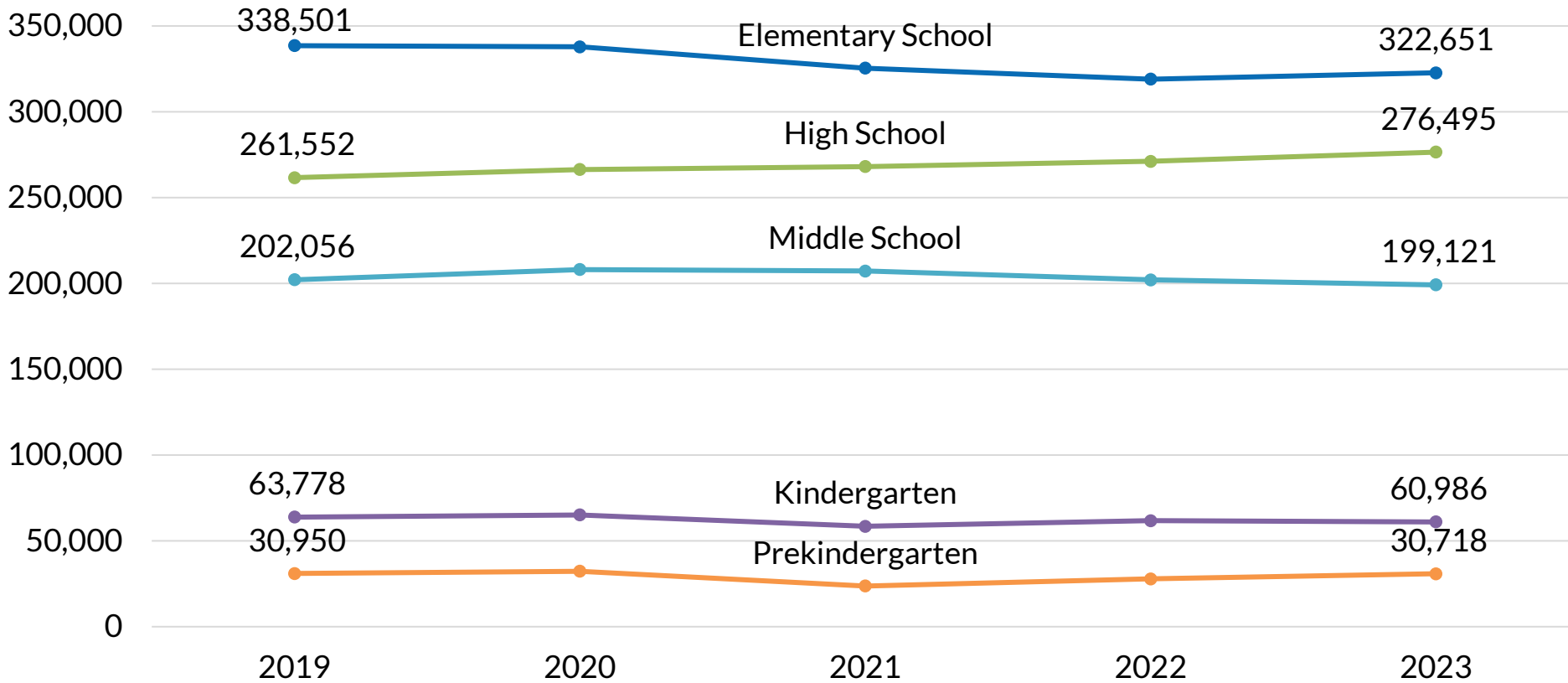
Enrollment in nonpublic schools has fluctuated since the start of the pandemic and appears to be on an upward trend. Homeschool student counts have increased since the pandemic.



Sources: MSDE Nonpublic School Enrollment publications <https://www.marylandpublicschools.org/about/Pages/DCAA/SSP/Student/20212022.aspx> homeschooling counts
MSDE Total Number of Students Taught Through Homeschooling Trend <https://marylandpublicschools.org/about/Documents/DSFSS/SSSP/HomeInstruct/HomeSchool15yearreport2007-2022.pdf>

Maryland Enrollment 5-Year Trend by Grade Band

Enrollment has decreased across all grade bands over the past 5 years except for high schools. Enrollment has increased since SY 2020-2021 except for middle schools and elementary schools.

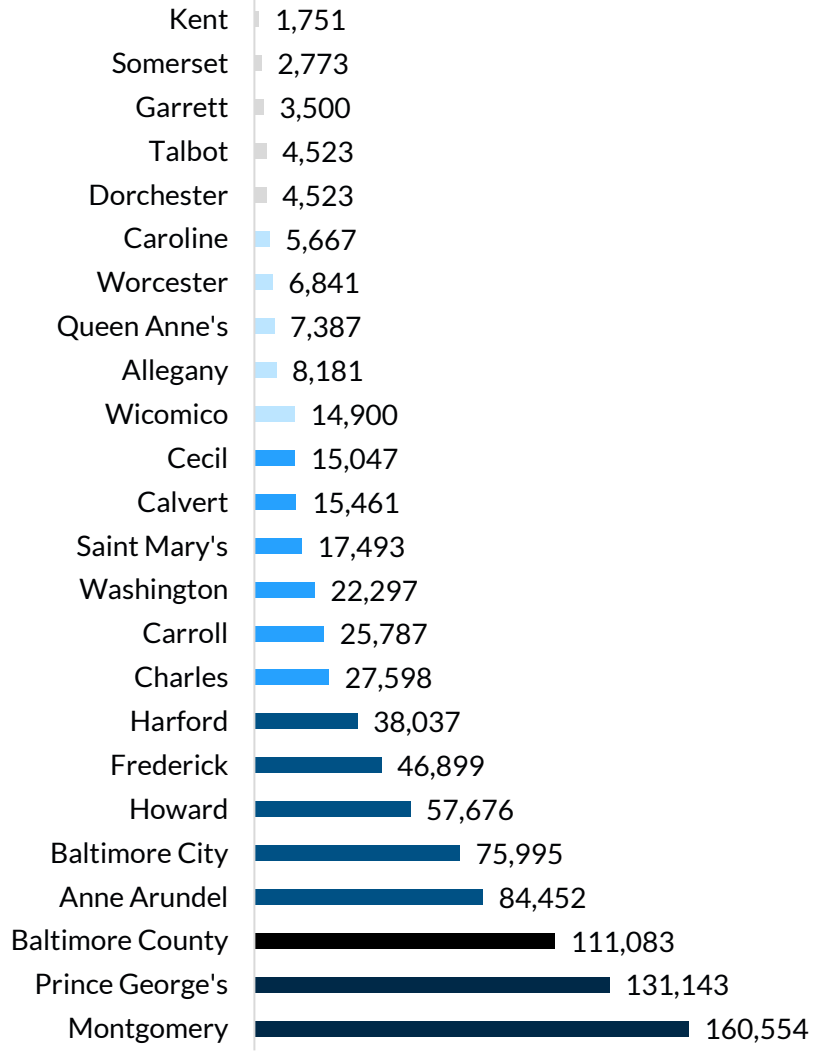
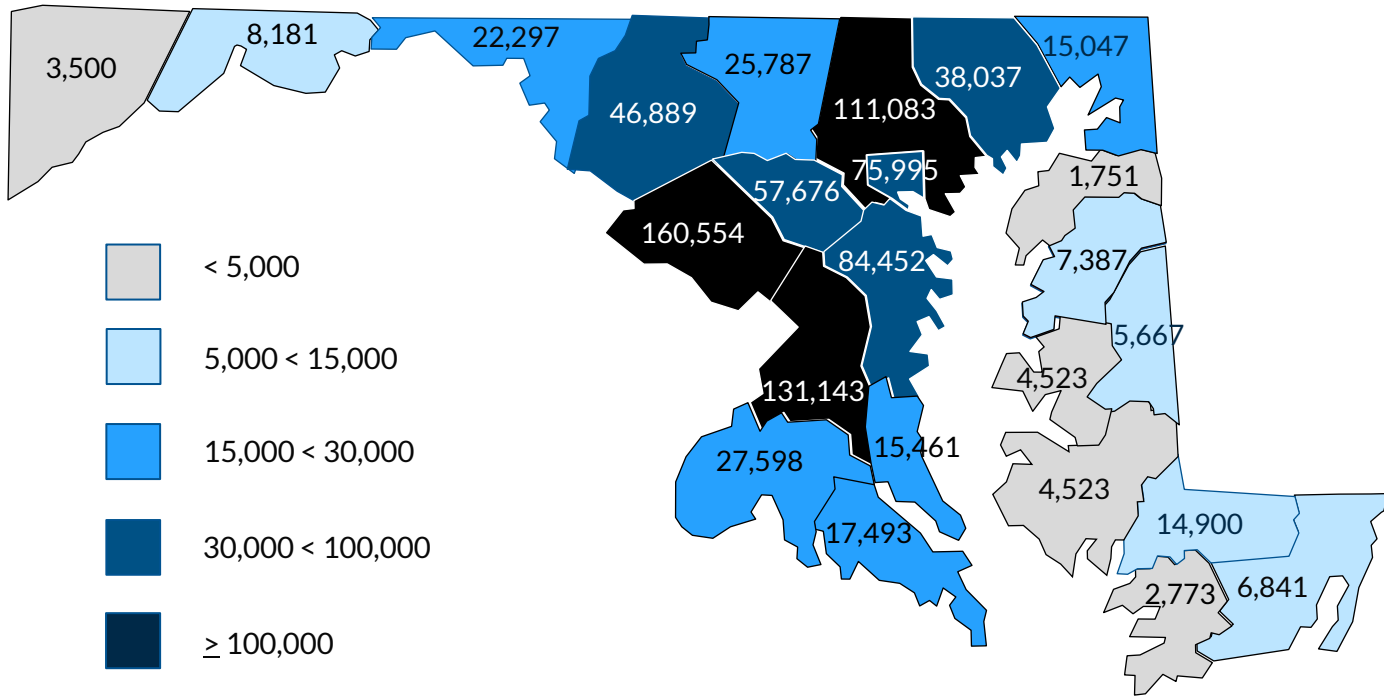


Grade/Grade Bands	Percentage Change
PreK	-1%
K	-4%
Elementary	-5%
Middle	-1%
High	+6%

Source: September 30th Enrollment

Maryland Enrollment Count by LEA, SY 2022-2023

Statewide enrollment is 889,971 students in SY 2022-2023.

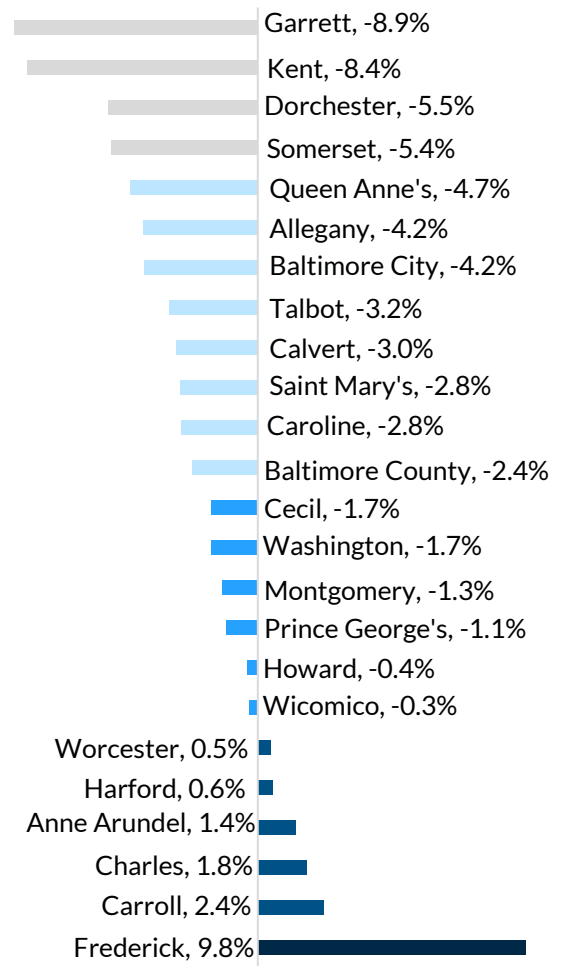
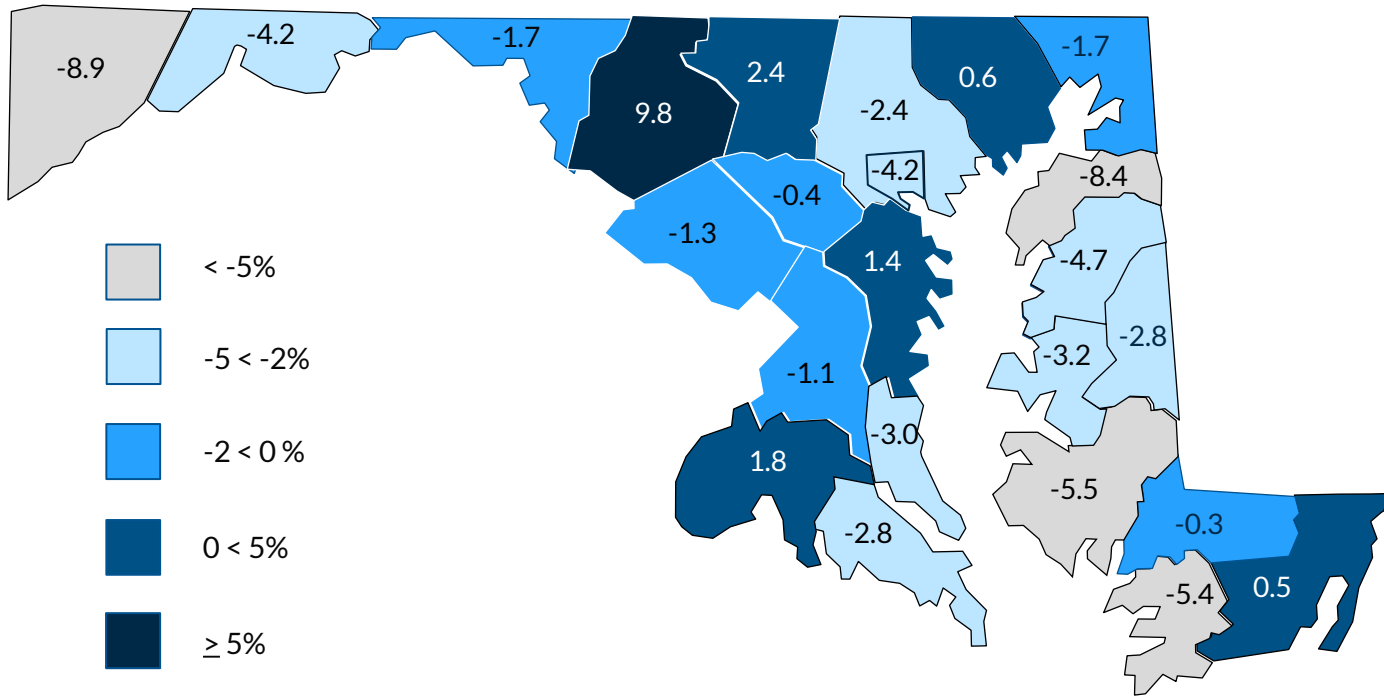


Source: September 30th Enrollment

Note: The map excludes The SEED School which has an enrollment of 403 students in SY 2022-2023.

Maryland Enrollment 5-Year Change by LEA

Maryland has experienced a 0.8% decrease in enrollment since SY 2018-2019.

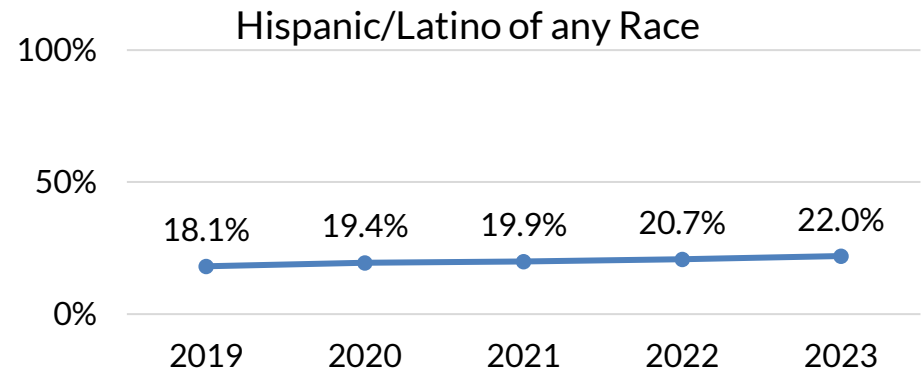
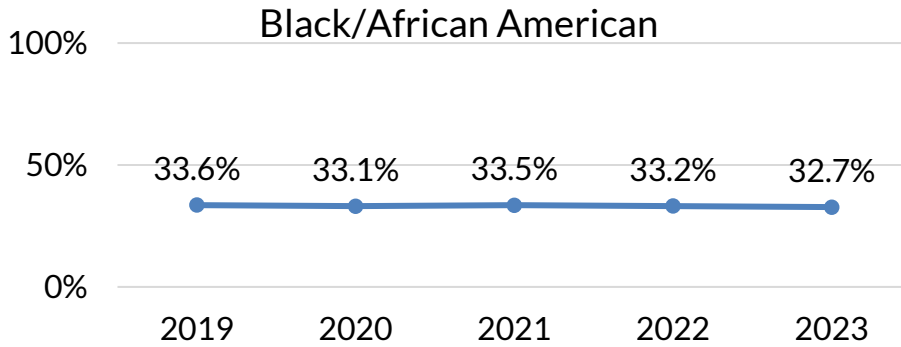
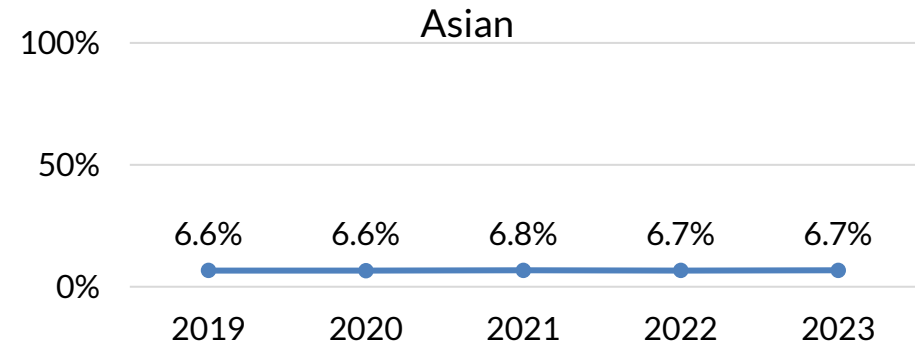
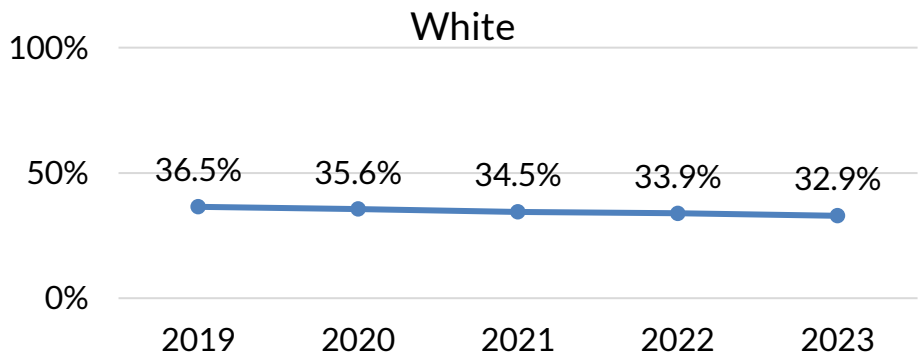


Source: September 30th Enrollment

Note: The map excludes The SEED School which has an enrollment of <.05% of the state.

Maryland Enrollment 5-Year Trend by Race/Ethnicity

The percentage of most race/ethnicity student groups have stayed relatively constant for the past 5 years. The Hispanic/Latino student group has increased, whereas the percentage of White students have decreased.



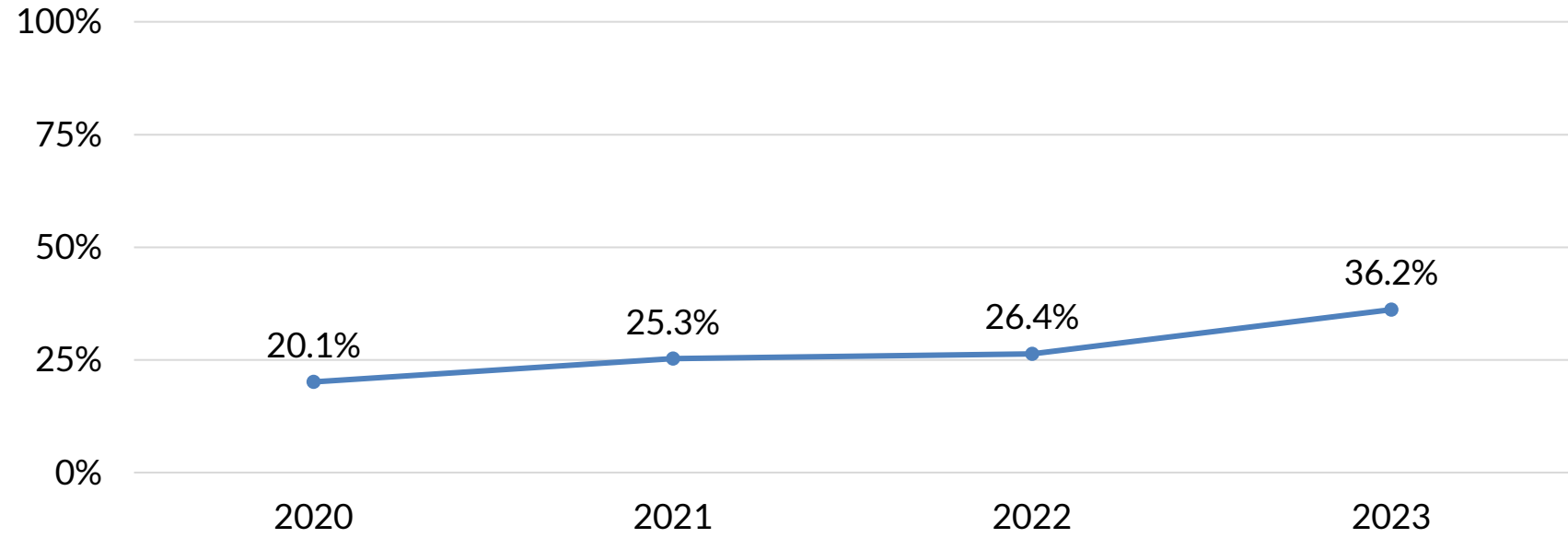
Source: September 30th Enrollment

Note: Am. Ind./Ak Native, Two+ and Native HI/Other Pac. Isl. are <=5% of total enrollment.

Maryland Enrollment Trend: Economically Disadvantaged Students

The number and percentage of economically disadvantaged students has increased substantially with the addition of Medicaid data in the determination of economically disadvantaged.

Economically Disadvantaged



Year	Economically Disadvantaged Count
2020	183,078
2021	223,327
2022	232,298
2023	321,808

Source: September 30th Enrollment

Maryland Economically Disadvantaged Overview

The Economically Disadvantaged student group includes students eligible for free meal benefits identified through direct certification.

Direct certification is an electronic data-matching process which certifies students as eligible for free meal benefits using participant data from other programs **eliminating the need for a school meal application.**

Any child belonging to a household that participates in SNAP, TANF, or **Medicaid (only available in some states)**, or children who are migrant, homeless or in foster care or Head Start are categorically eligible to receive free meals at school.


Maryland’s Blueprint for Maryland’s Future required Medicaid as a matching element to directly certify children for free meal eligibility.

In November 2021, the USDA accepted Maryland’s application with a **start date of July 1, 2022.**

The MSDE in collaboration with the Maryland Department of Health (MDH) now have a data sharing agreement and this project includes partnerships with the Maryland Health Benefit Exchange (MHBE) and the Maryland Department of Human Services (DHS).

Maryland is one of seven states newly approved by the USDA to participate in the Medicaid matching pilot demonstration for SY 2022-2023. Nationwide, there are currently 26 states participating in the demonstration projects.

<https://frac.org/wp-content/uploads/direct-cert-improves-low-income-school-meal-access.pdf>

- 
1. Enrollment Data
 2. Attendance Data
 3. College Readiness Assessment Data

Attendance Data

Attendance data is published annually including Attendance Rate for SY 2021-2022.

Attendance Definitions

Attendance refers to a student's presence or absence in an instructional program approved by the state, district, and/or school.

Definition

Attendance means that a student is present at school on a regular school day and includes participation in school-sponsored activities. (COMAR 13A.02.06.02B(5); COMAR 13A.08.01.01; 2020 Maryland Student Records System Manual)

Compulsory Attendance

Each child who resides in this State and is 5 years old or older and under 18 shall attend a public school regularly during the entire school year. (Md. Ann. Code, Ed. Art., §7-301(a-1))

Student Attendance Policy

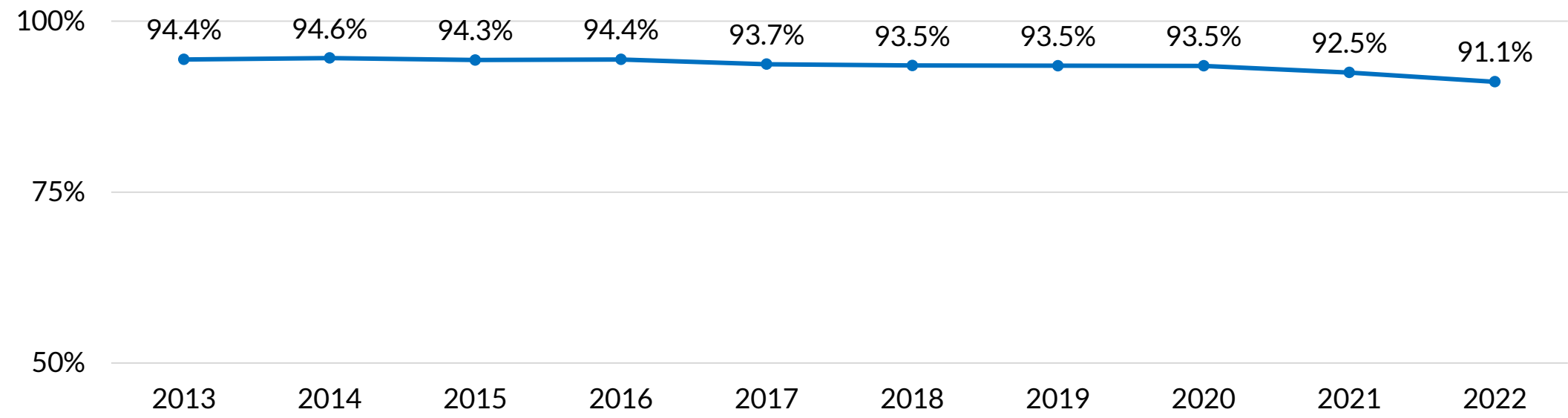
Each local school system shall develop a student attendance policy which includes a record of daily attendance. (COMAR 13A.08.01.05)

Collection Timeline

The MSDE collects attendance data 3 times per school year. Data are collected in early fall (includes September 30th enrollment), early in the spring and at the end of the school year.

Maryland Attendance Rate 10-Year Trend

Maryland’s attendance rate has decreased by 2.4 percentage points in SY 2021-2022 from its pre-pandemic rate of 93.5%. The attendance rate decreased by 3.3 percentage points over 10 years.

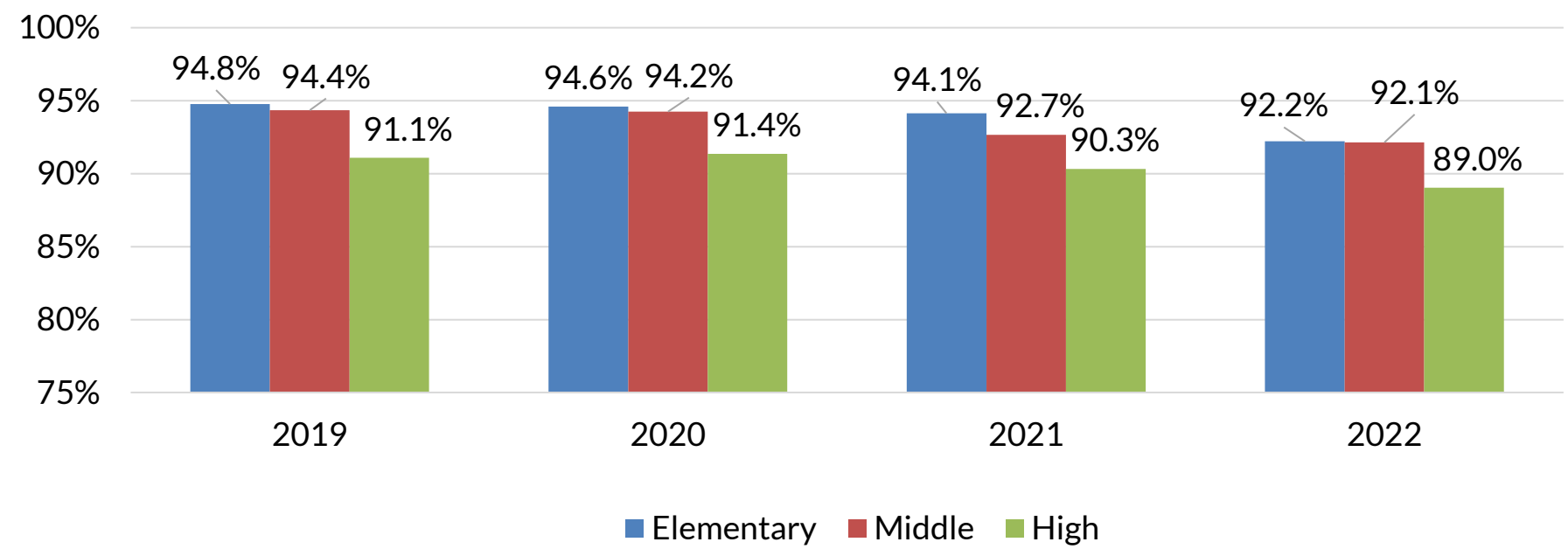


Note: Attendance Rate calculated for students in grades 1-12.

Source: End-of-Year Attendance data

Maryland Attendance Rate Trend by Grade Band

Attendance rates have decreased across all grade bands in SY 2021-2022 as compared to SY 2018-2019.

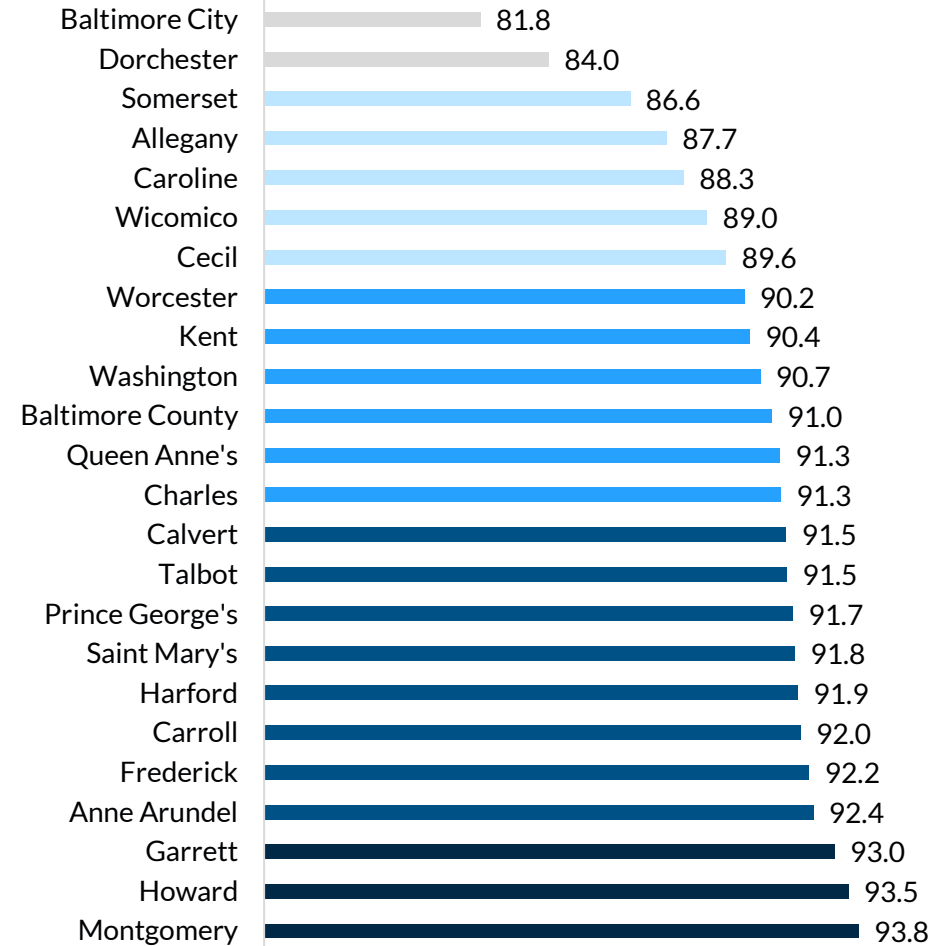
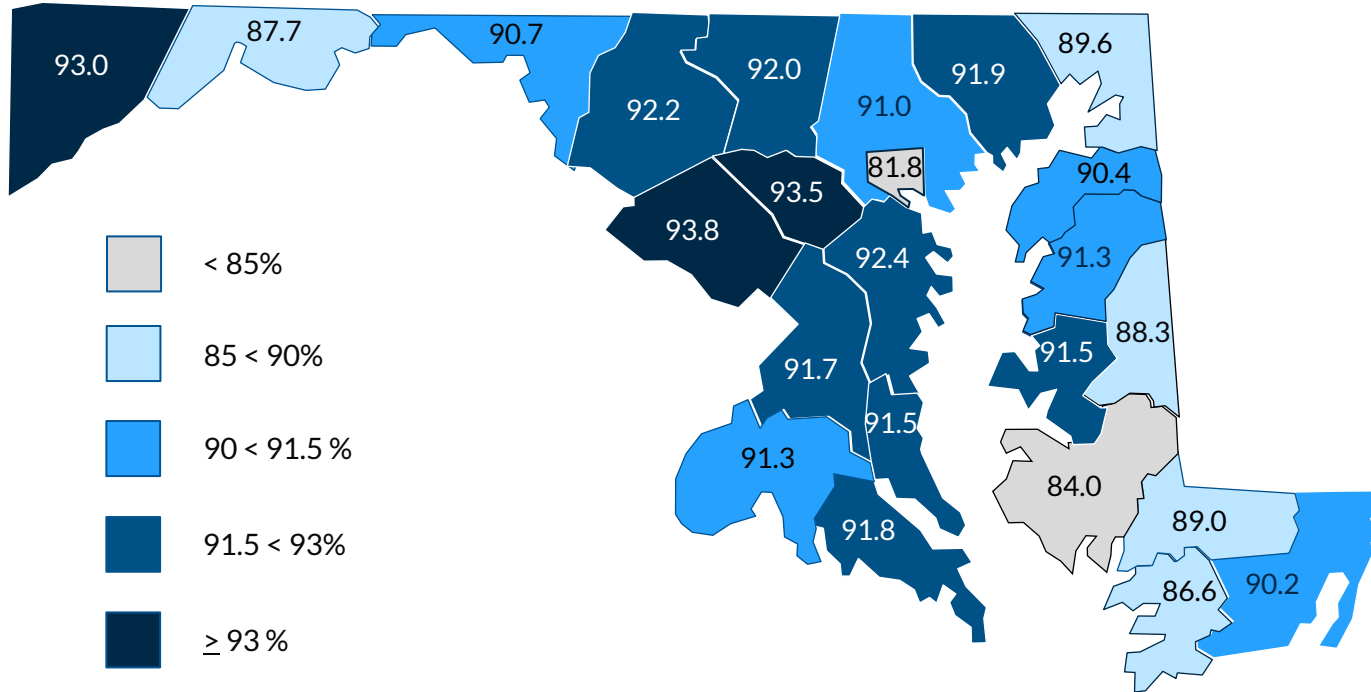


Grade Bands	Percentage Point Change (2019 to 2022)
Elementary	-2.5%
Middle	-2.2%
High	-2.0%

Source: End-of-Year Attendance data

Maryland Attendance Rate by LEA, SY 2021-2022

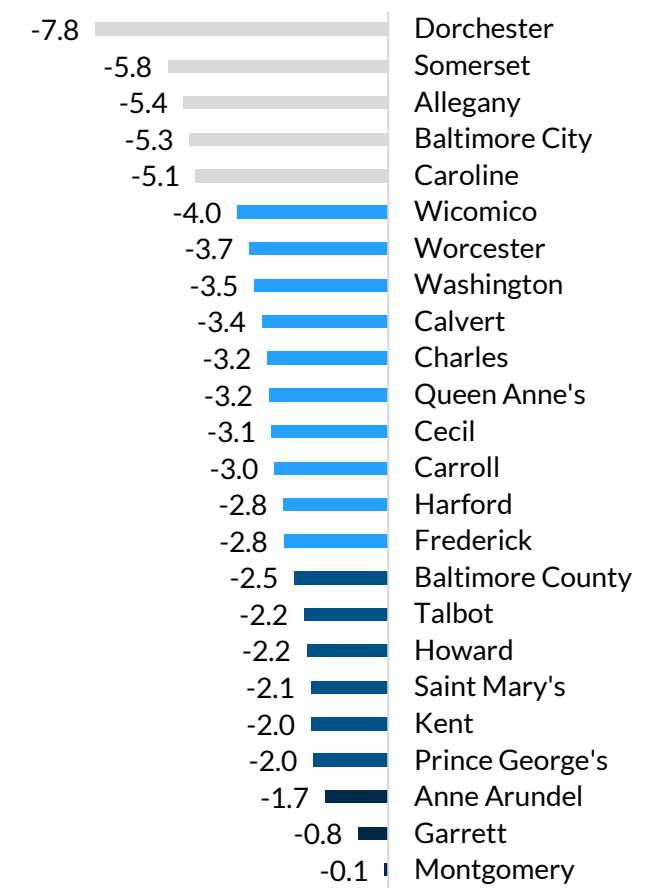
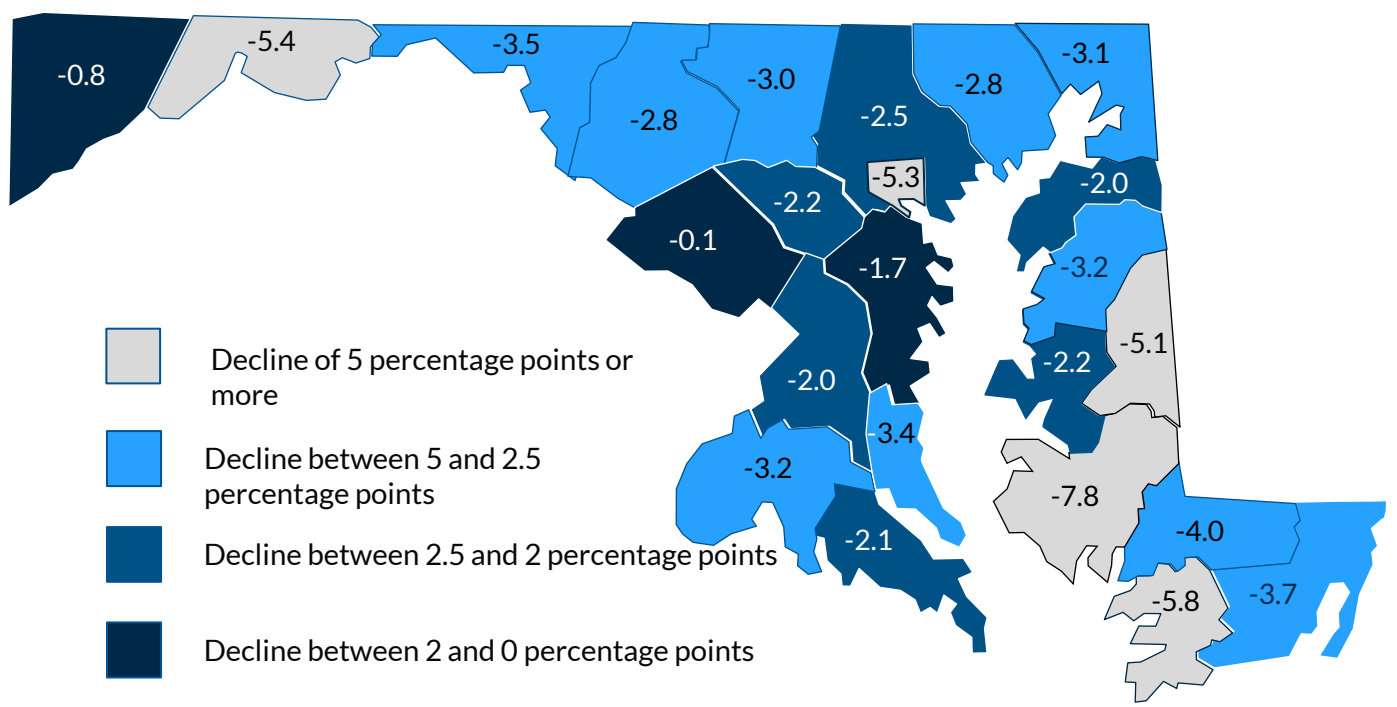
Statewide, the attendance rate is 91.1% for SY 2021-2022.
13 LEAs had an attendance rate higher than the State.



Source: End-of-Year Attendance data

Maryland Attendance Rate Change by LEA

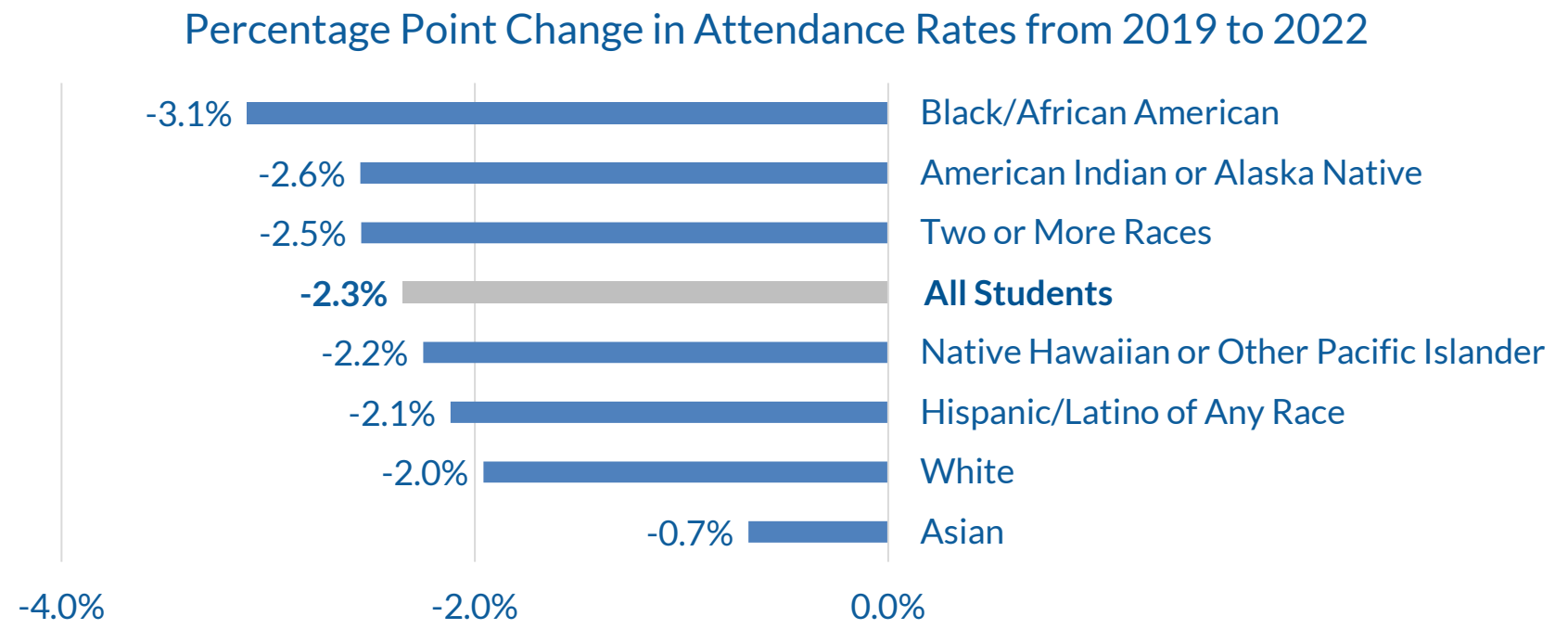
Maryland's attendance rate decreased by 2.3 percentage points from SY 2018-2019. Declines were seen in all 24 LEAs.



Source: End-of-Year Attendance data

Maryland Attendance Rate Change by Race/Ethnicity

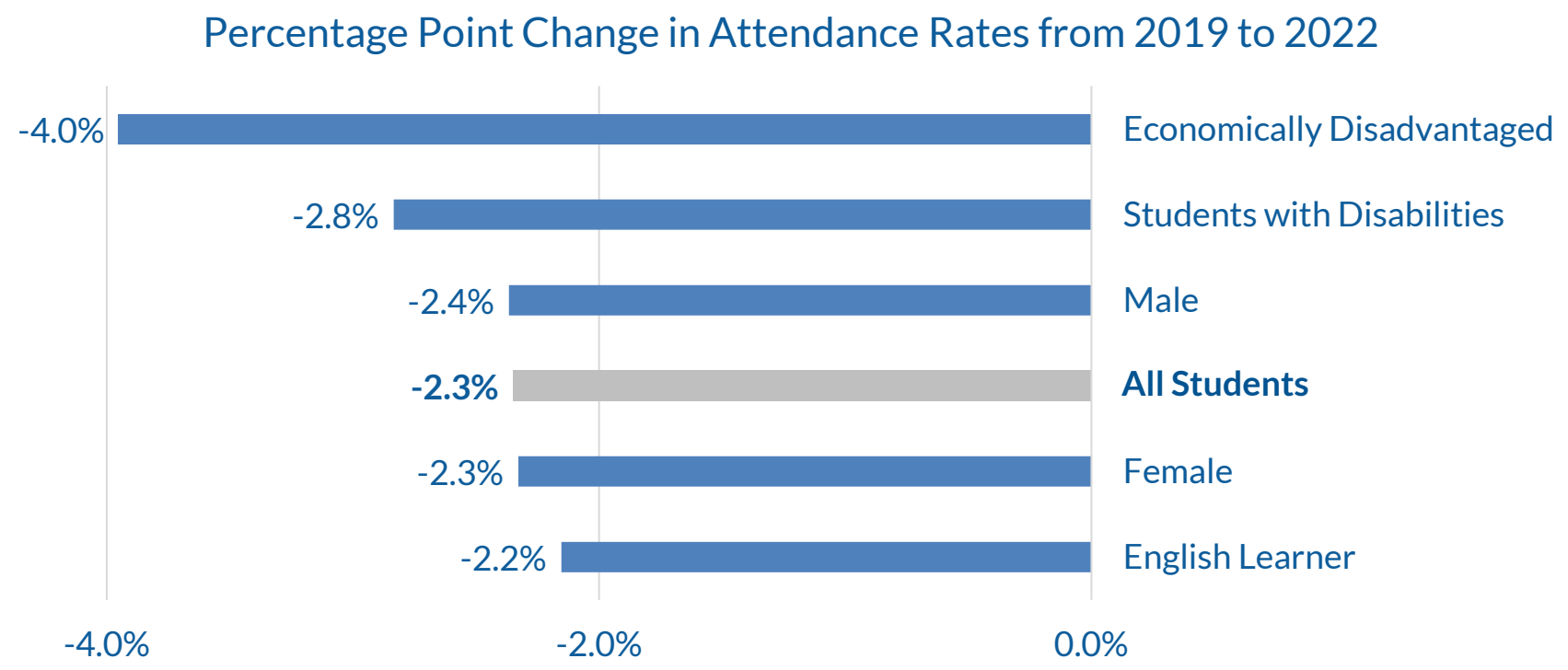
All race/ethnicity student group attendance rates decreased in SY 2021-2022 as compared to SY 2018-2019 with the Black/African American student group having the greatest decline.




Source: End-of-Year Attendance data

Attendance Rate Change by Student Group

Statewide, the attendance rate decreased by 2.3 percentage points in SY 2021-2022 as compared to SY 2018-2019. Attendance rates decreased across all student groups with economically disadvantaged having the greatest decrease.



Source: End-of-Year Attendance data

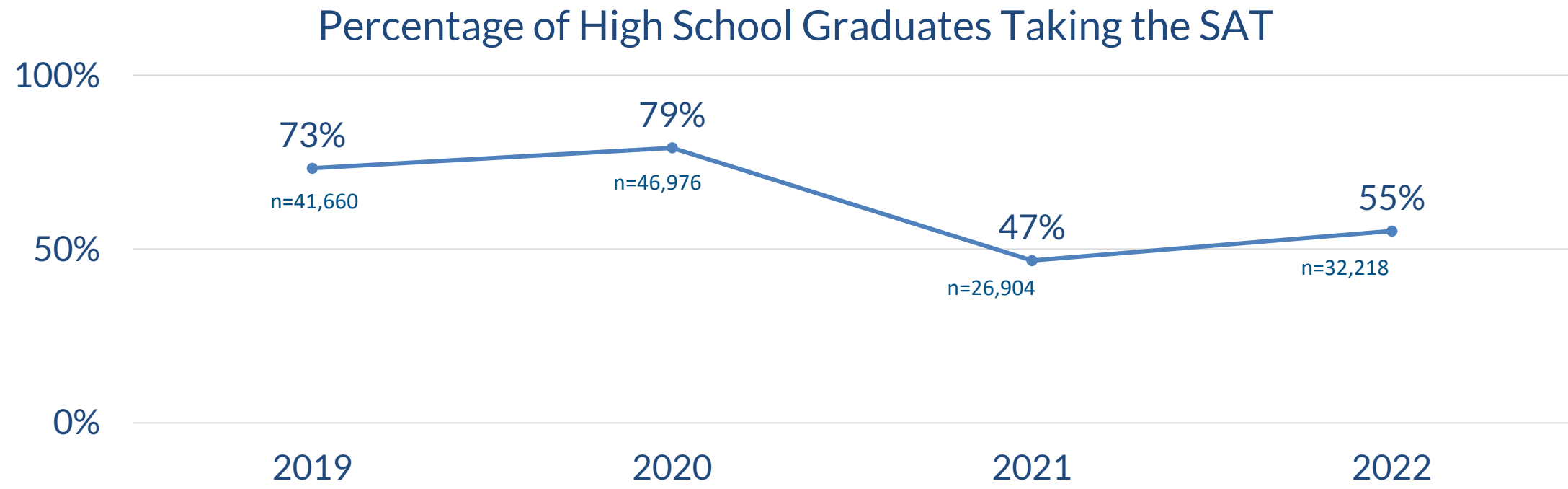
- 
1. Enrollment Data
 2. Attendance Data
 3. College Readiness Assessment Data

College Readiness Assessment Data

College readiness assessment data including SAT, AP, and ACT.

Maryland SAT Participation Rate Trend

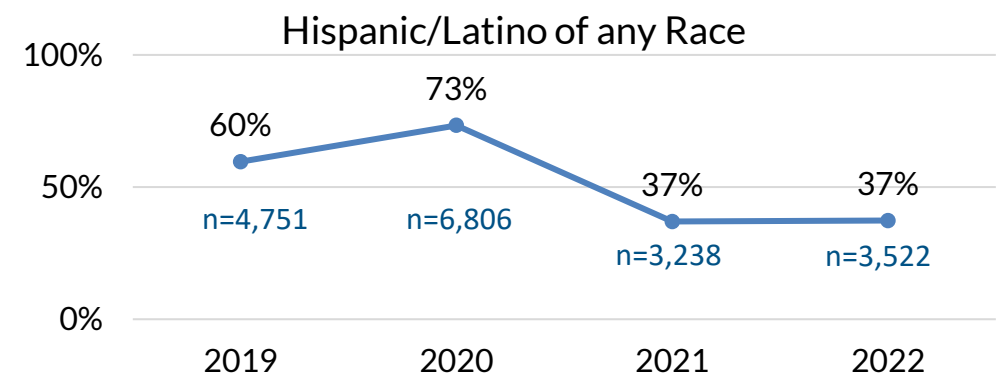
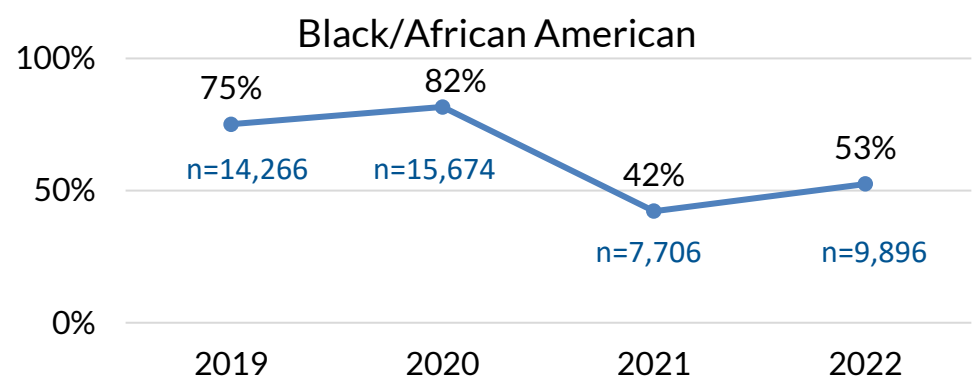
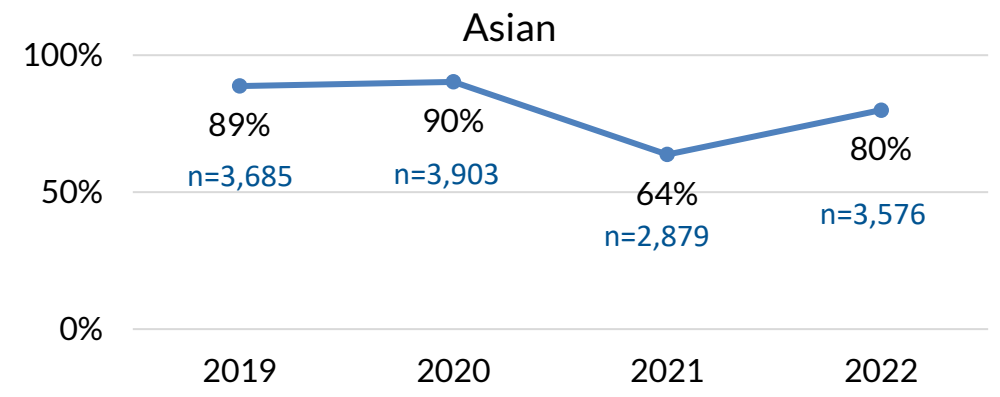
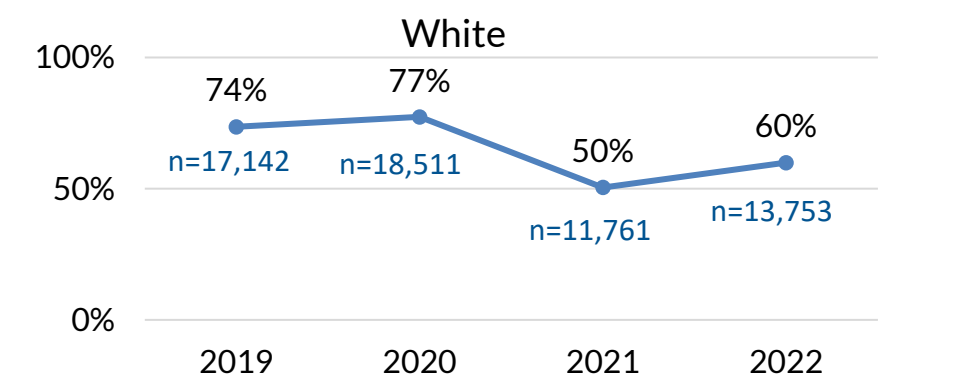
The percentage of high school graduates taking the SAT has declined post-pandemic to 55%.



Note: SAT participation by graduating class

Maryland SAT Participation Rate Trend by Race/Ethnicity

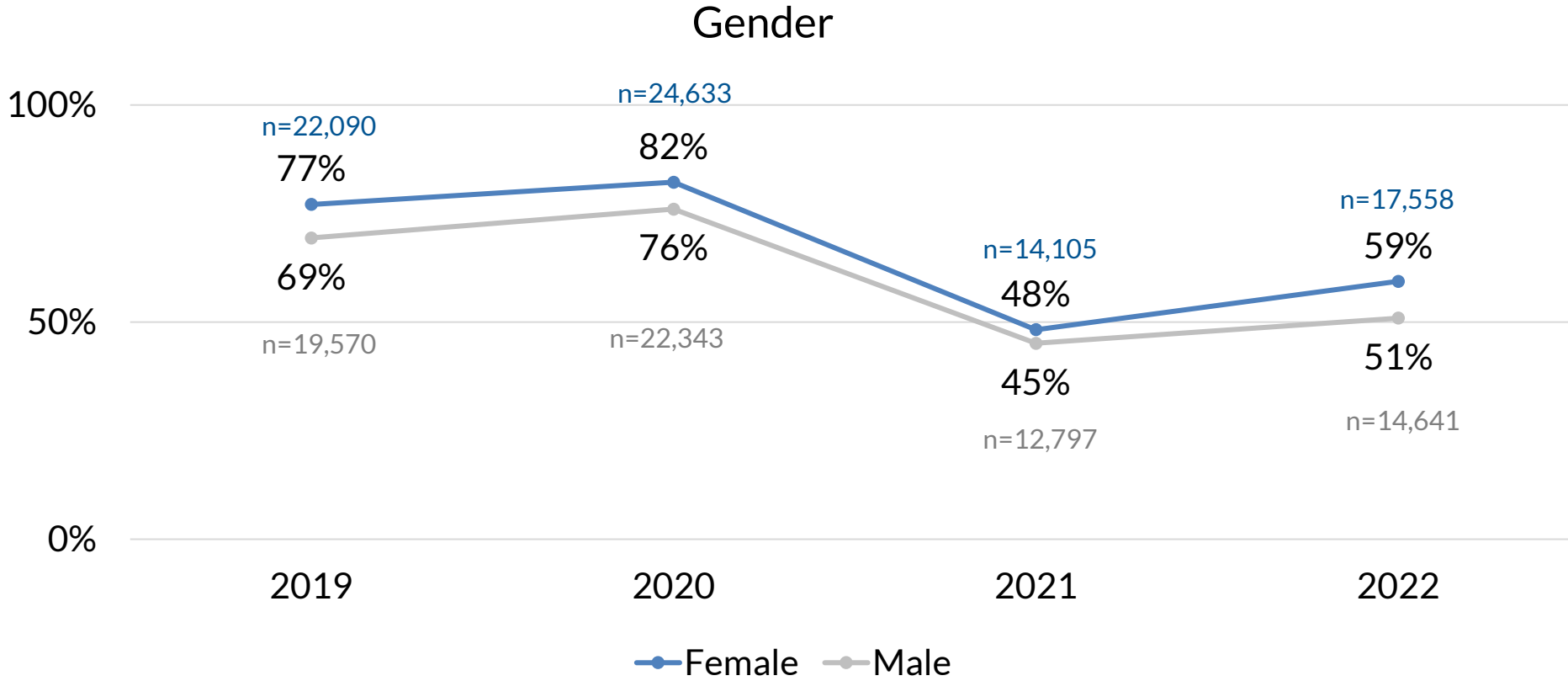
SAT participation across all race/ethnicities has declined since SY 2018-2019.



Note: SAT participation by graduating class

Maryland SAT Participation Rate Trend by Gender

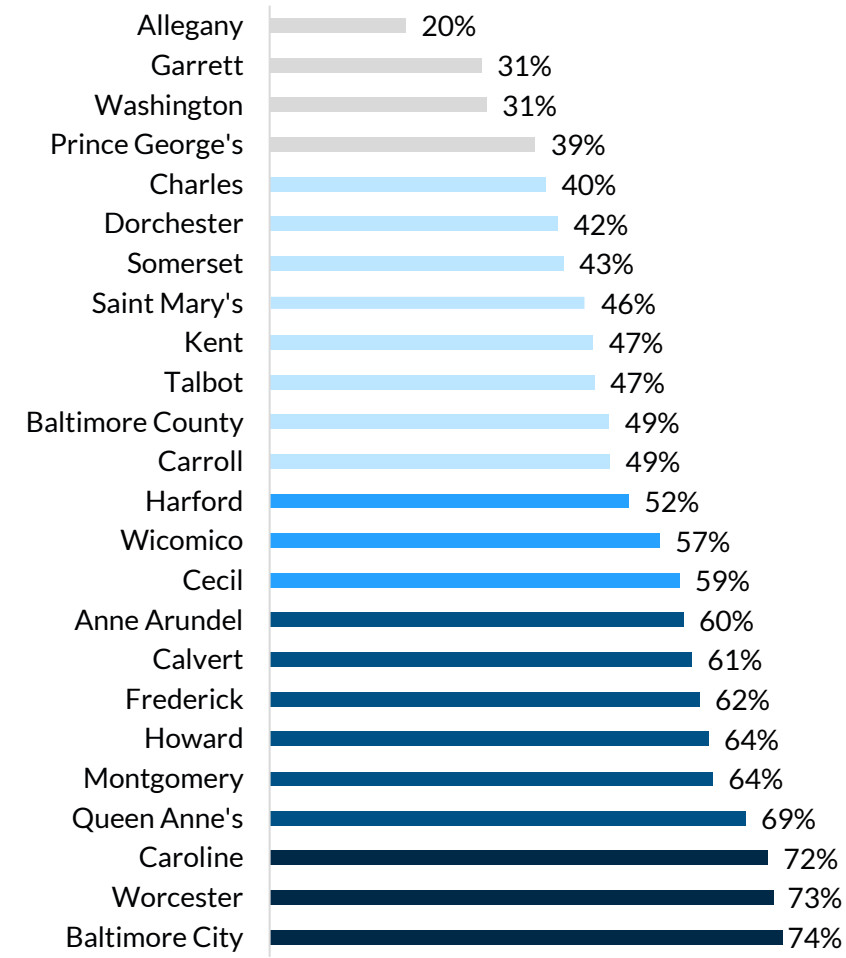
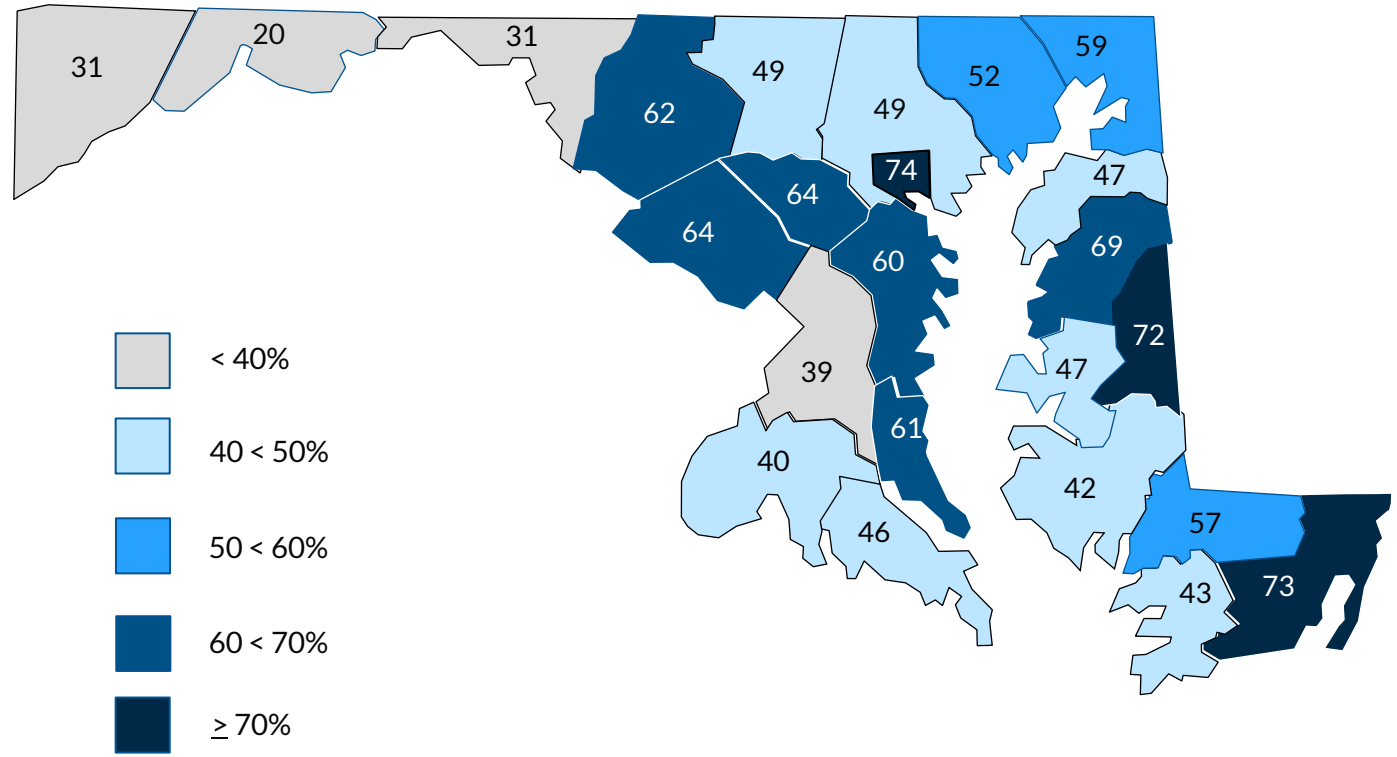
The gap between female and male participation has remained consistent at 8%.



Note: SAT participation by graduating class

Maryland SAT Participation Rate by LEA, SY 2021-2022

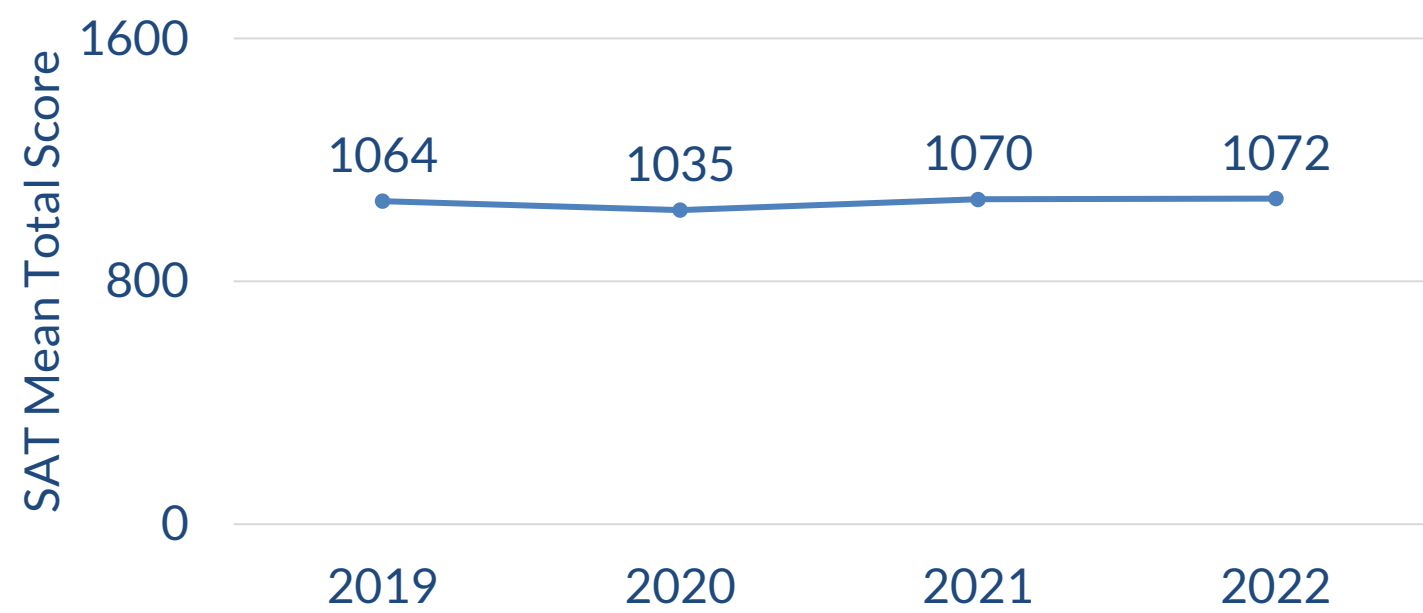
Statewide, 55% of SY 2021-2022 high school graduates took the SAT exam. 11 LEAs had a percent greater than the State.



Note: SAT participation by graduating class

Maryland SAT Performance Trend

Statewide, the SAT performance of high school graduates has improved in SY 2021-2022 to a mean total score of 1072.

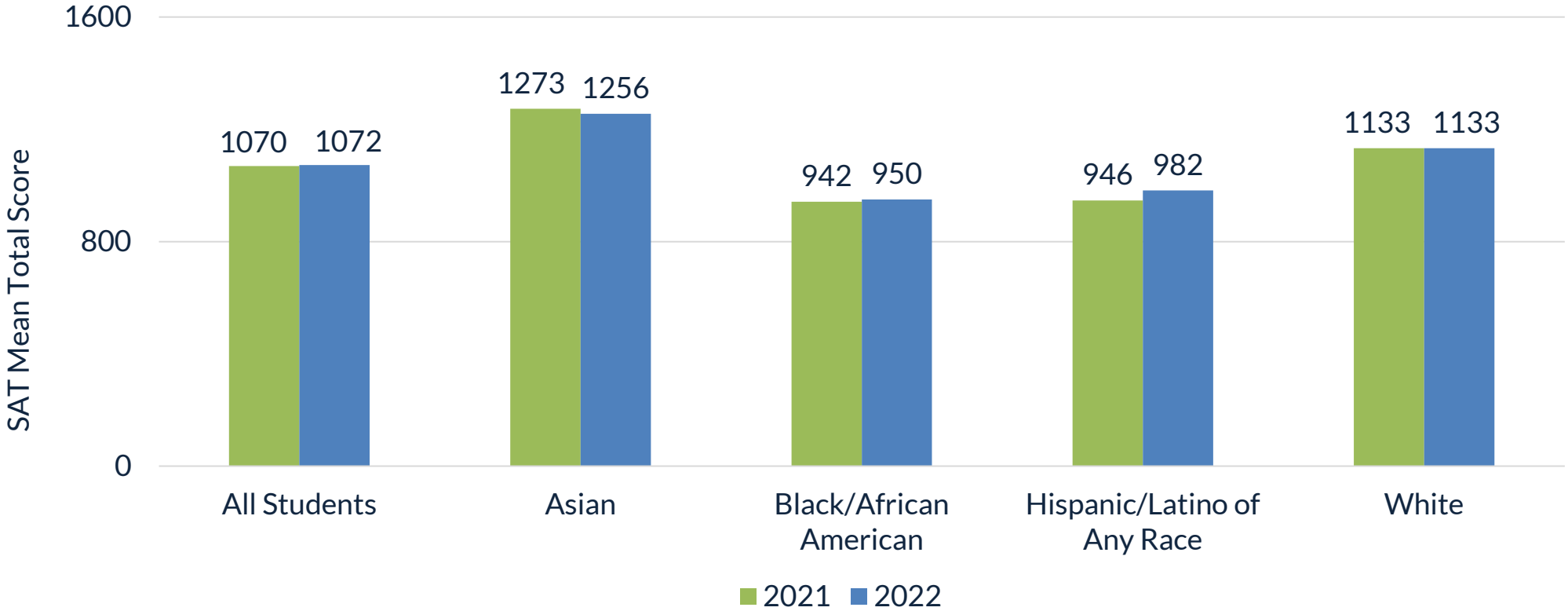


Year	Graduates Tested	Percentage of Graduates Tested
2019	41,660	73%
2020	46,976	79%
2021	26,904	47%
2022	32,218	55%

Note: SAT performance by graduating class

Maryland SAT Performance by Race/Ethnicity

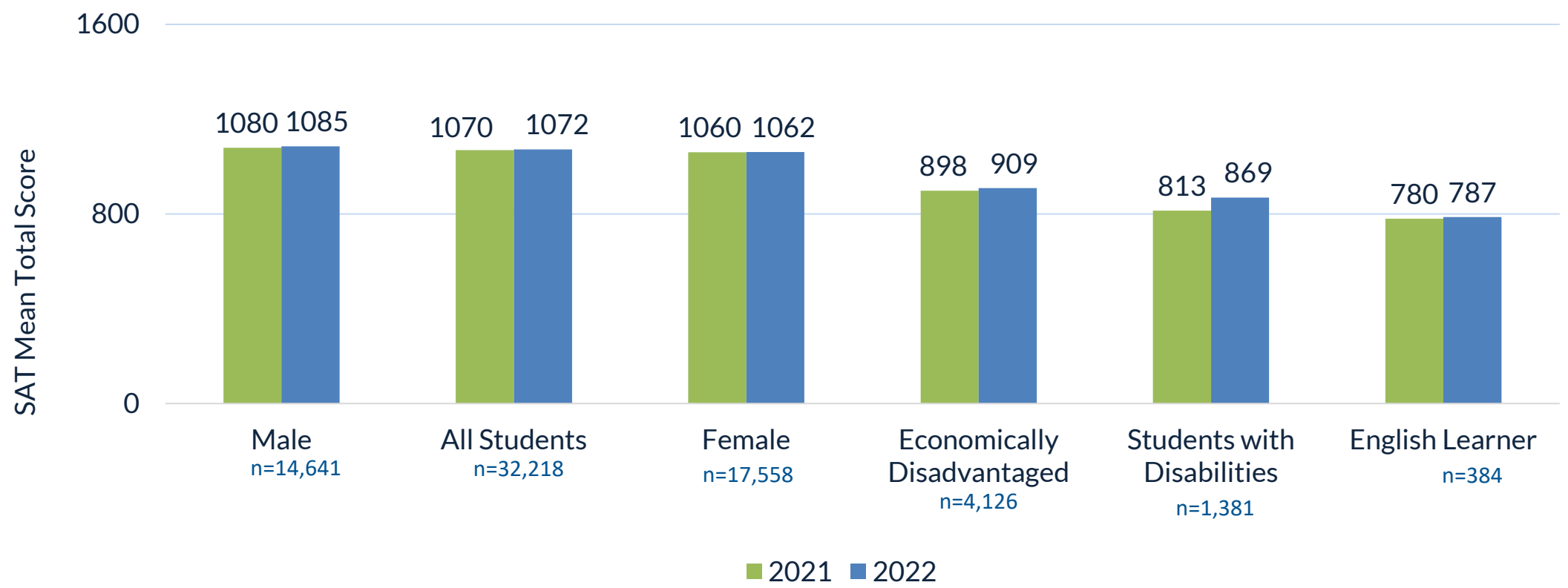
SAT performance stayed the same or increased for most races/ethnicity student groups in SY 2021-2022 as compared to SY 2020-2021. The Asian student group saw a decline in SAT performance between these two years.



Note: SAT Performance by graduating Class

Maryland SAT Performance by Student Group

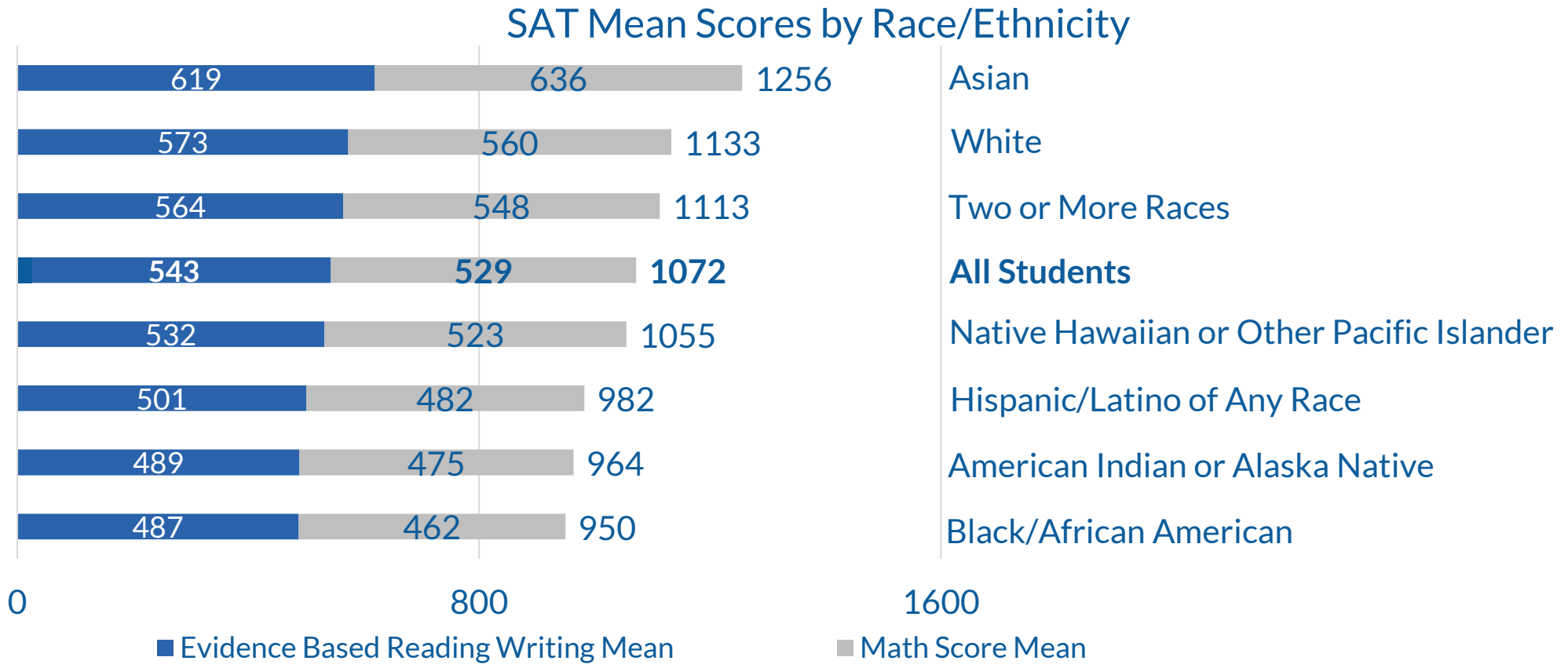
SAT performance increased across all student groups in SY 2021-2022 as compared to SY 2020-2021.



Note: SAT Performance by Graduating Class. N- size provided for 2022.

Maryland SAT Performance by Race/Ethnicity, SY 2021-2022

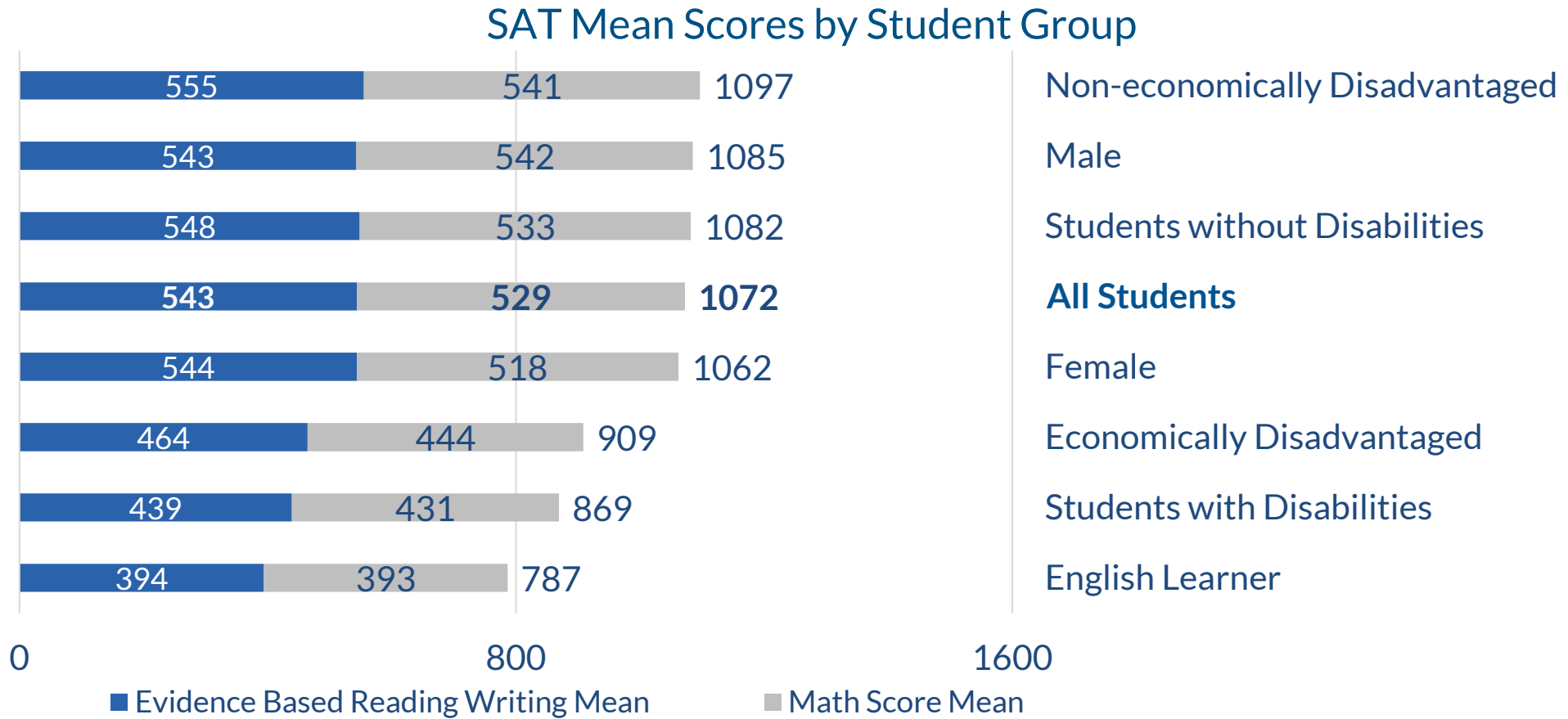
The SAT mean total score of all Maryland high school graduates in SY 2021-2022 was 1072, a math mean of 529 and an evidence-based reading/writing score of 543.



Note: SAT performance for the 2021-2022 graduating class

Maryland SAT Performance by Student Group, SY 2021-2022

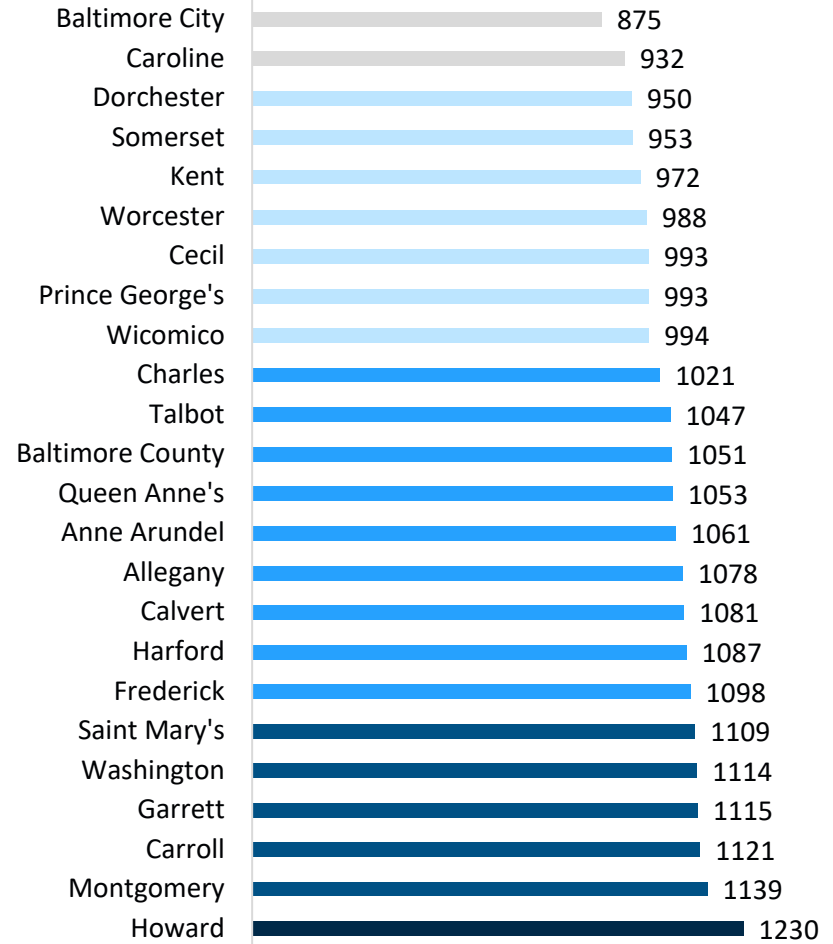
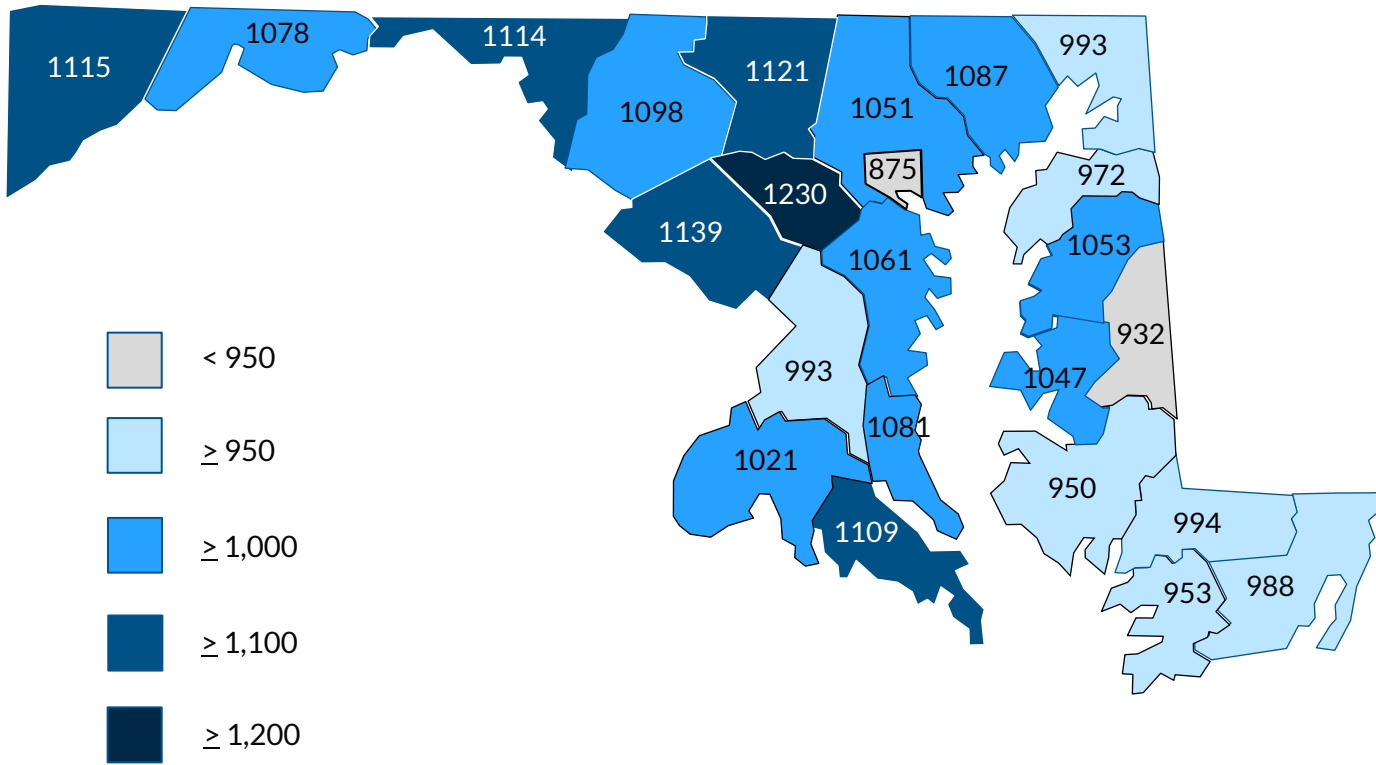
The SAT Performance by Student Groups varies with non-economically disadvantaged, students without disabilities and male students outperforming All Students.



Note: SAT performance for the 2021-2022 graduating class

SAT Performance by LEA, SY 2021-2022

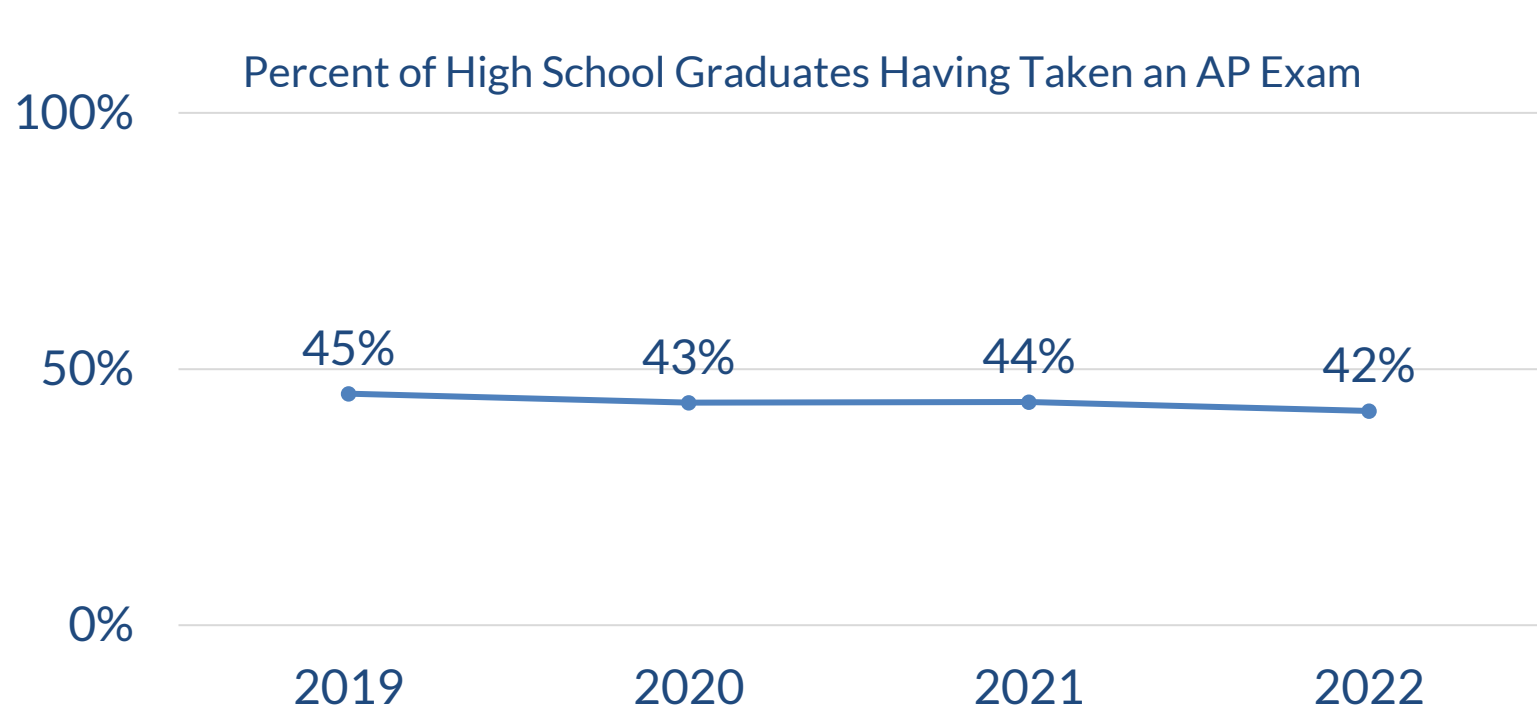
The SAT mean total score for SY 2021-2022 high school graduates was 1072. 10 LEAs have a mean total score greater than the State.



Note: SAT performance for the 2021-2022 graduating class

Maryland AP Exam Participation Rate Trend

Statewide, the number of high school graduates having taken an AP exam decreased in SY 2021-2022 to 42%, and overall, the total number of exams taken has decreased.

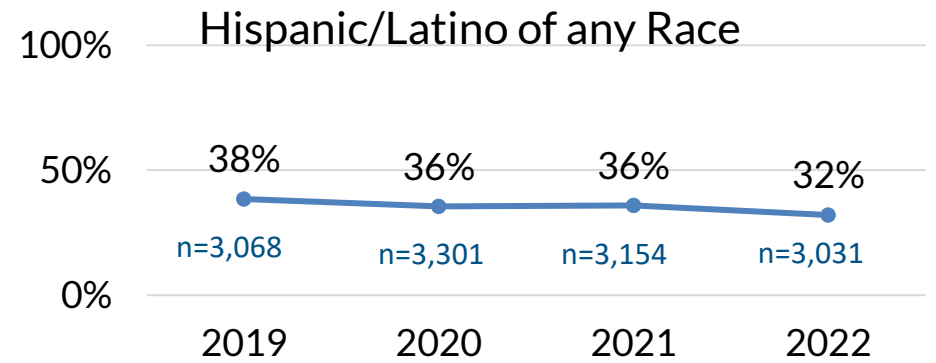
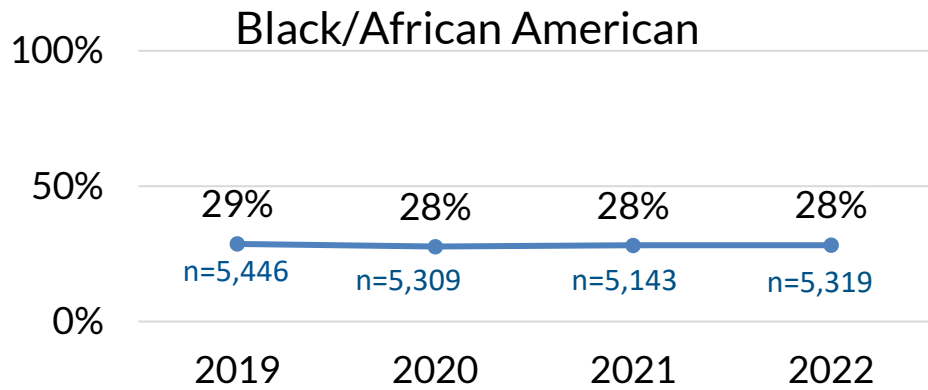
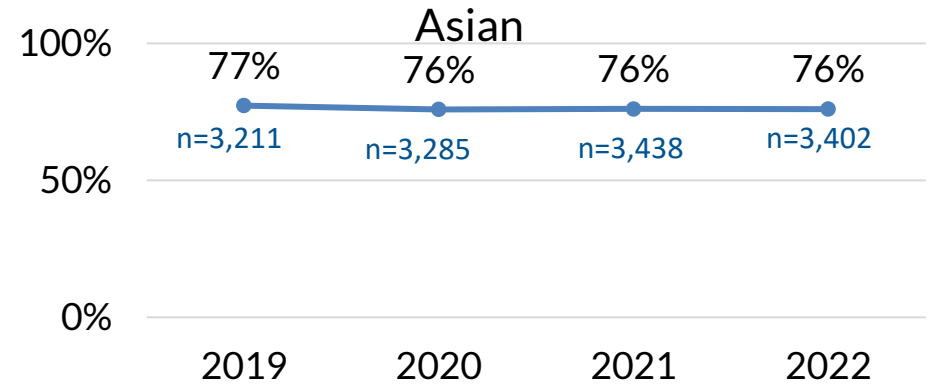
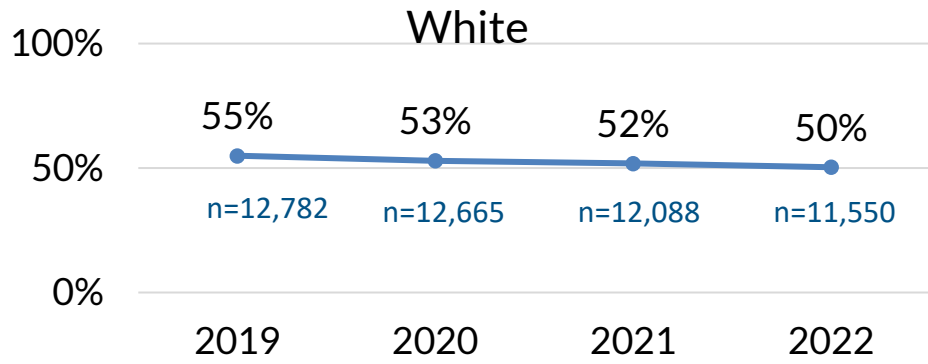


Year	Graduates Tested	Number of Exams
2019	25,711	101,184
2020	25,797	100,403
2021	25,099	92,108
2022	24,417	91,134

Note: AP participation by graduating class

Maryland AP Exam Participation Rate Trend by Race/Ethnicity

A smaller percentage of Hispanic/Latino high school graduates have been taking an AP exam since the pandemic began. Percentages and student counts for Asian and Black/African American students have remained constant.

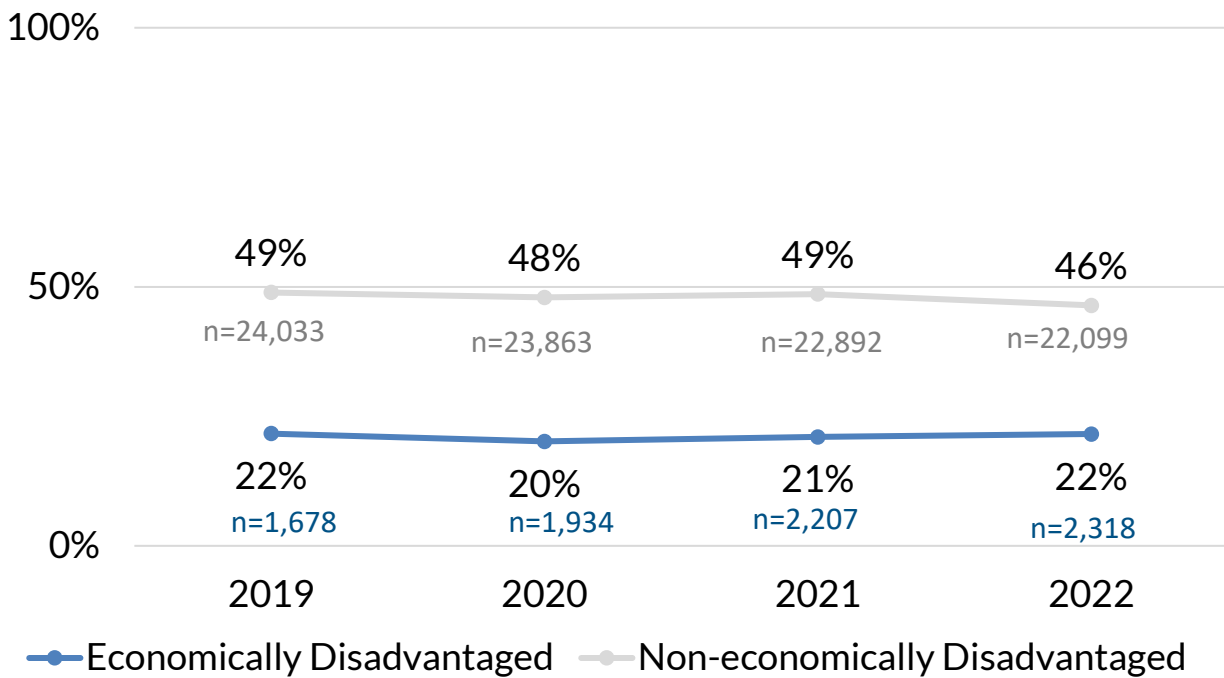


Note: AP participation by graduating class

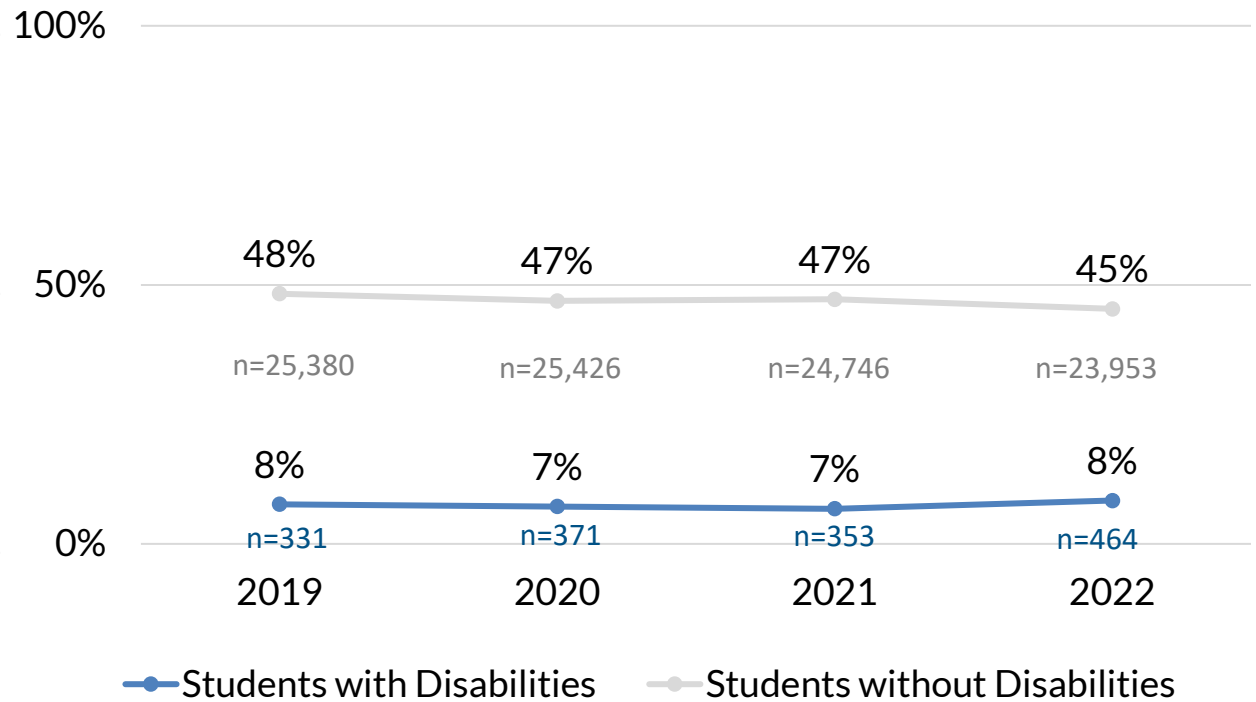
Maryland AP Exam Participation Rate Trend by Student Group

The number of high school graduates who are either economically disadvantaged students or students with disabilities who take an AP exam have been increasing since the pandemic began.

Economically Disadvantaged



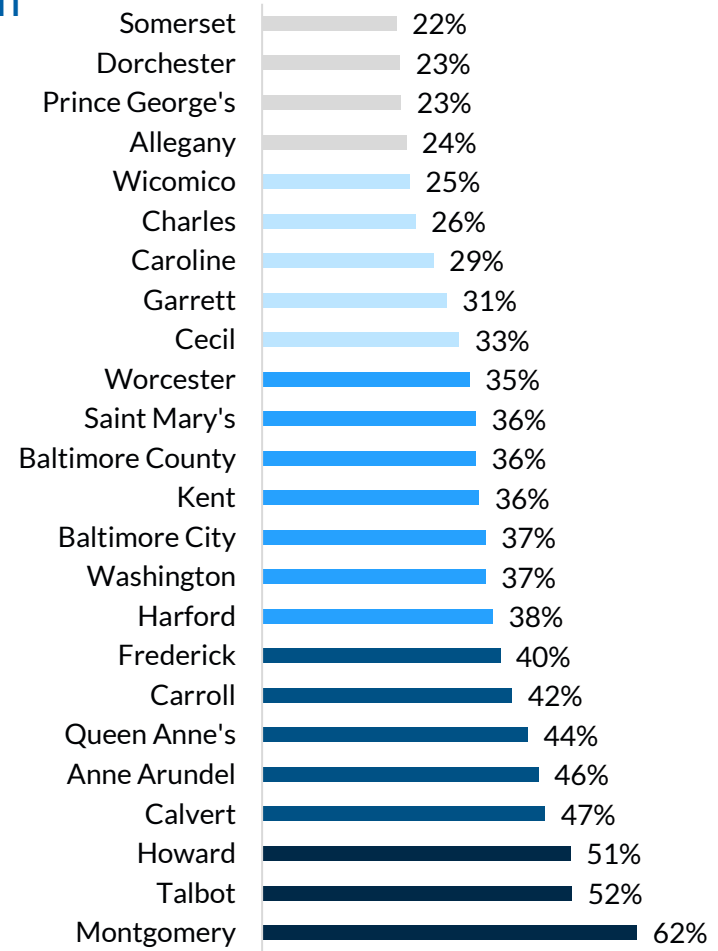
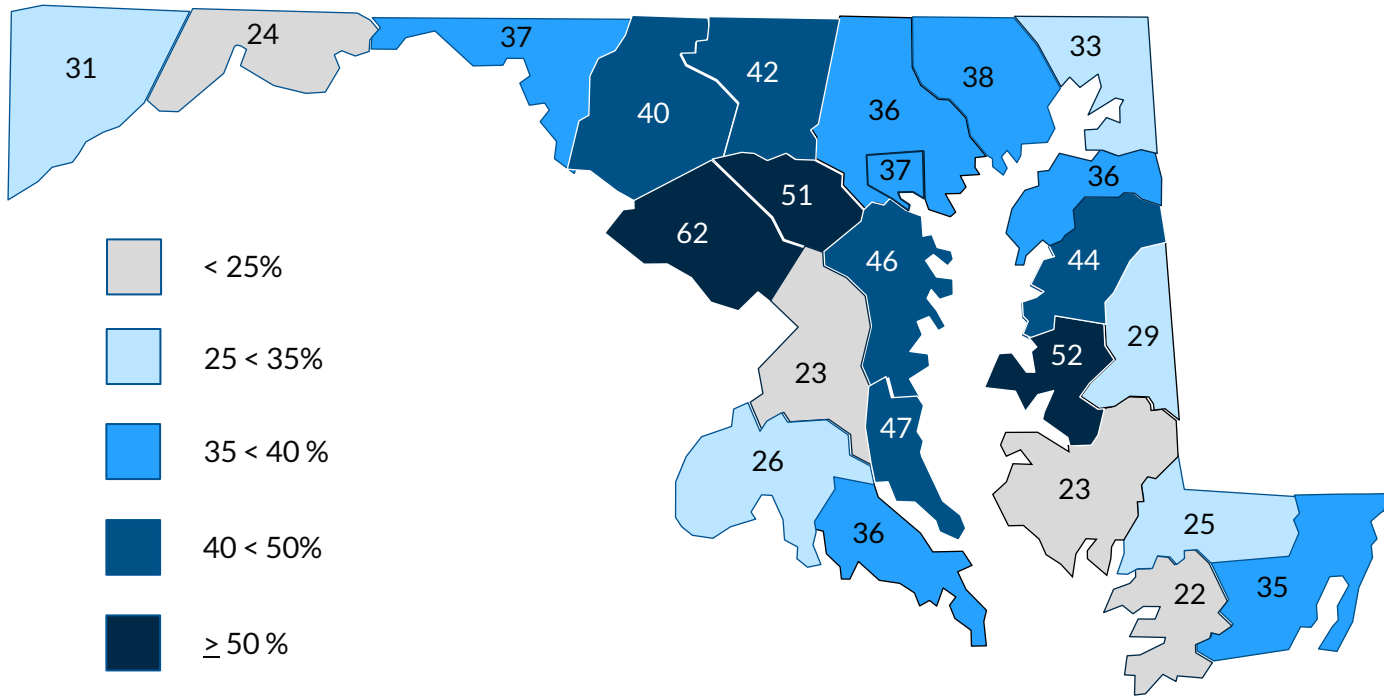
Students with Disabilities



Note: AP participation by graduating class

Maryland AP Exam Participation Rate by LEA, SY 2021-2022

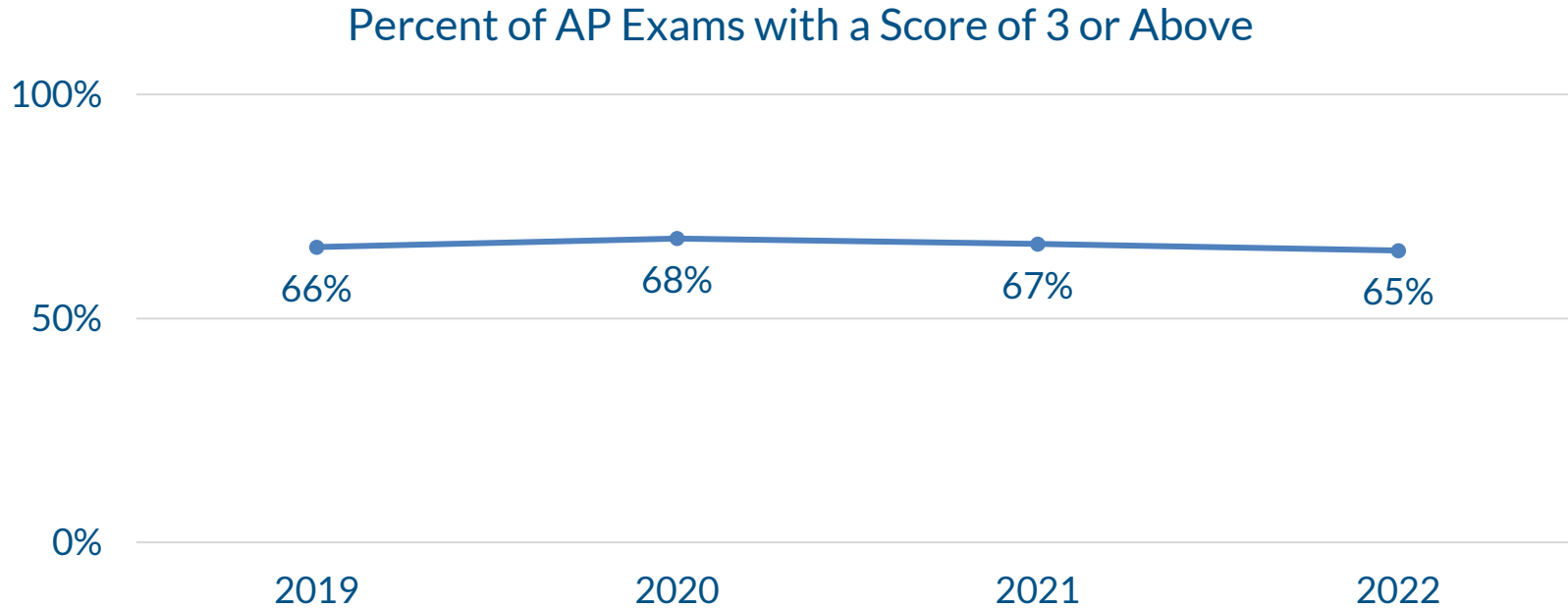
Maryland SY 2021-2022 high school graduates who took at least one AP Exam was 42%. 6 LEAs had participation rates greater than the State.



Note: AP participation by graduating class

Maryland AP Exam Performance Trend

Of the AP exams taken by SY 2021-2022 high school graduates, 65% of the exams had a score of 3, 4 or 5. The percentage of AP exams taken by Maryland high school graduates that scored a 3, 4 or 5 has remained relatively stable.

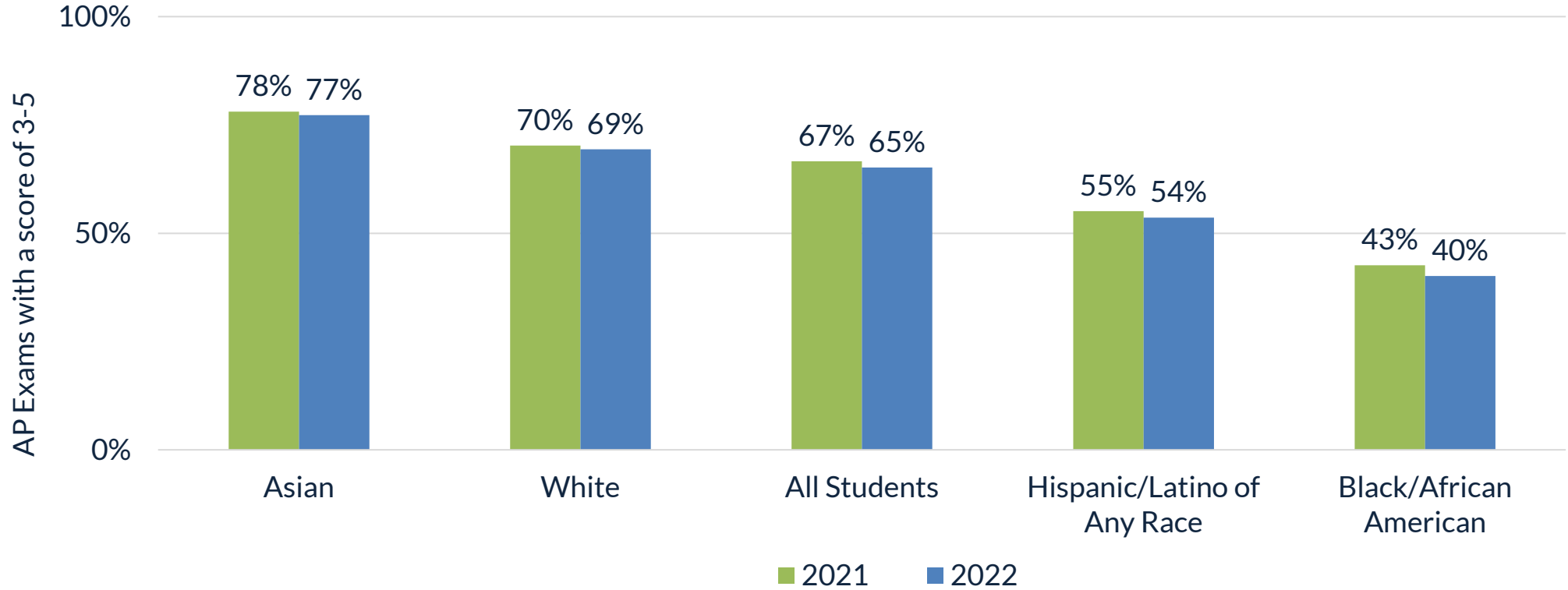


Year	Graduates Tested	Number of Exams
2019	25,711	101,184
2020	25,797	100,403
2021	25,099	92,108
2022	24,417	91,134

Note: AP performance by graduating class. AP Exams are scored on a scale of 1 to 5. Many U.S. colleges grant credit and/or advanced placement for scores of 3 and above.

Maryland AP Exam Performance by Race/Ethnicity

AP exam performance has decreased across all races/ethnicities for high school graduates in SY 2021-2022 as compared to SY 2020-2021.

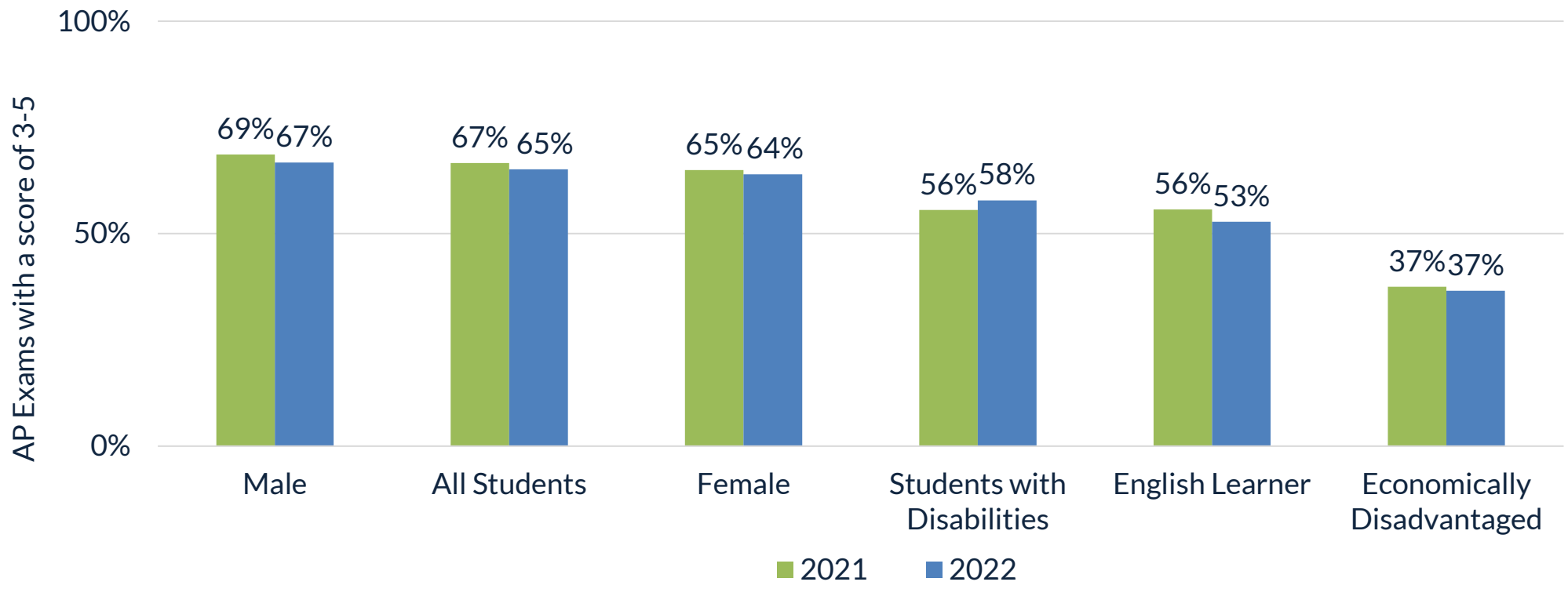


Note: AP Exams are scored on a scale of 1 to 5. Many U.S. colleges grant credit and/or advanced placement for scores of 3 and above.

AP Performance by graduating class

Maryland AP Exam Performance by Student Group

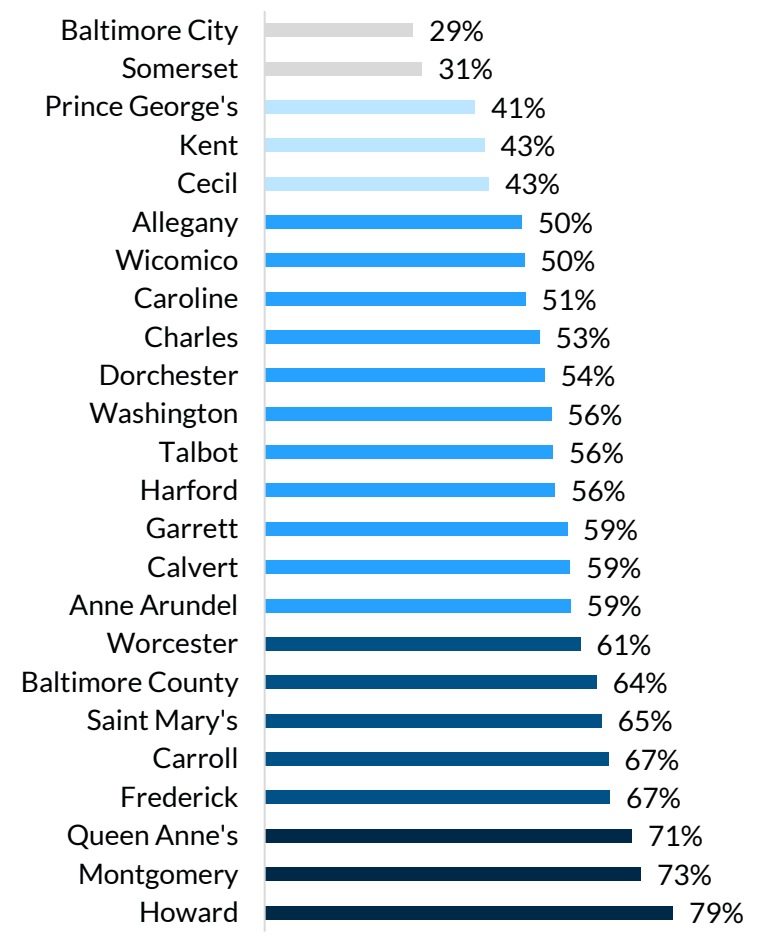
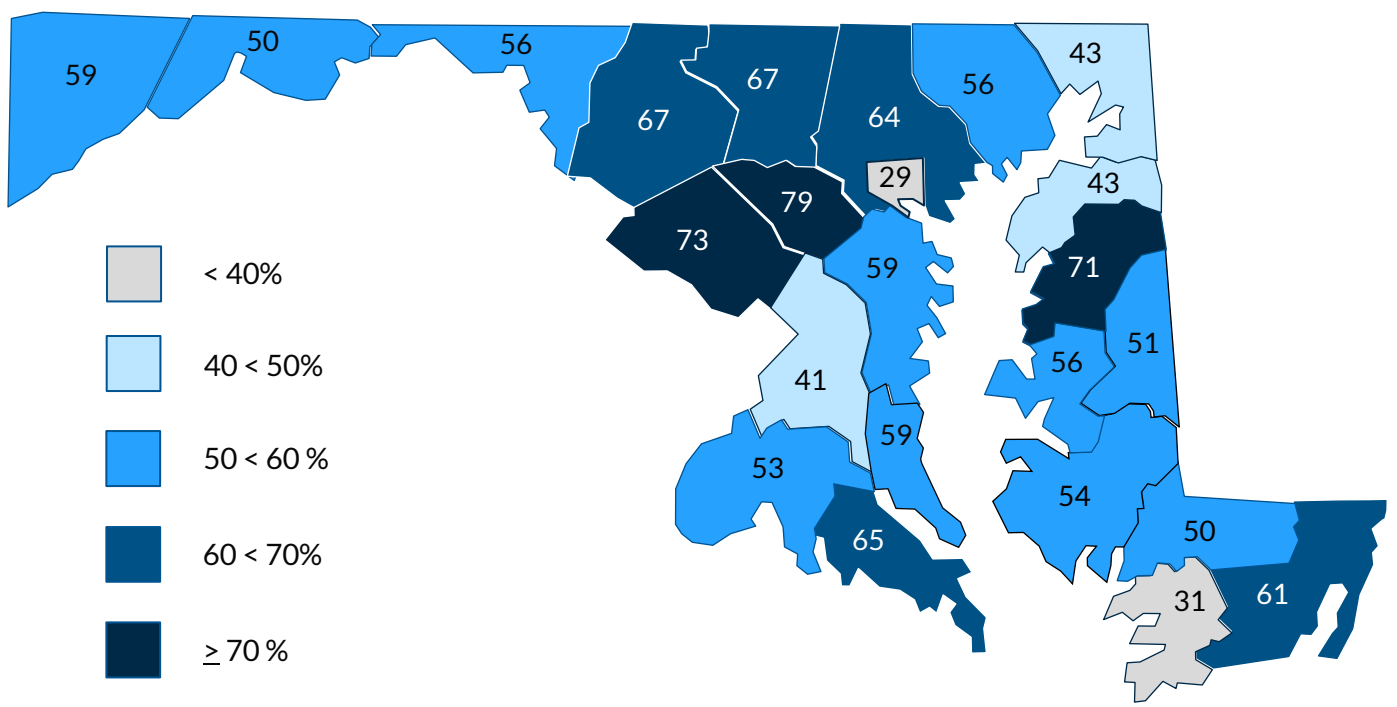
AP exam performance has decreased or remained constant across student groups for high school graduates in SY 2021-2022 as compared to SY 2020-2021 except for the students with disabilities student group.



Note: AP Performance by graduating class. AP Exams are scored on a scale of 1 to 5. Many U.S. colleges grant credit and/or advanced placement for scores of 3 and above.

Maryland AP Exam Performance by LEA, SY 2021-2022

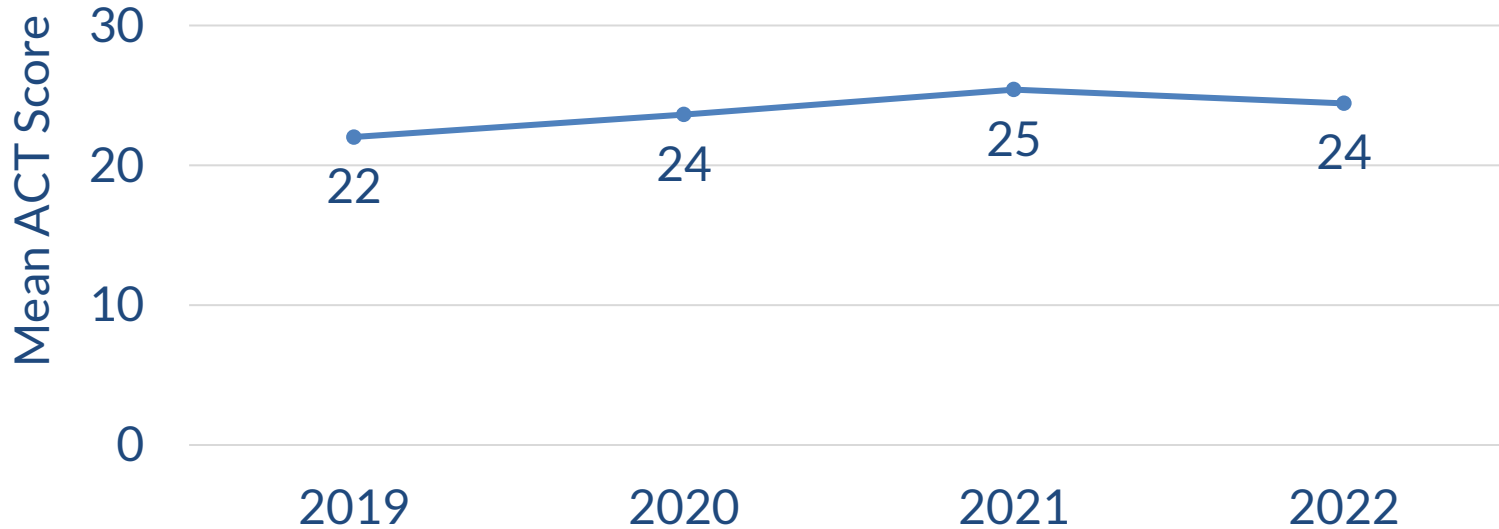
Of the AP exams taken by SY 2021-2022 high school graduates, 65% of the exams had a score of 3, 4 or 5.



Note: AP Exams are scored on a scale of 1 to 5. Many U.S. colleges grant credit and/or advanced placement for scores of 3 and above. AP performance by graduating class

Maryland ACT Participation and Performance Trends

The mean ACT score of Maryland high school graduates has been increasing since SY 2018-2019. The number of students taking the exam has decreased since SY 2018-2019.



Year	Graduates Tested	ACT Participation Percentage
2019	13,422	24%
2020	8,802	15%
2021	3,357	6%
2022	3,240	6%

Note: ACT participation and performance by graduating class. Every LEA other than Calvert, Howard, Charles and Montgomery had less than 5% of their high school graduates take the exam

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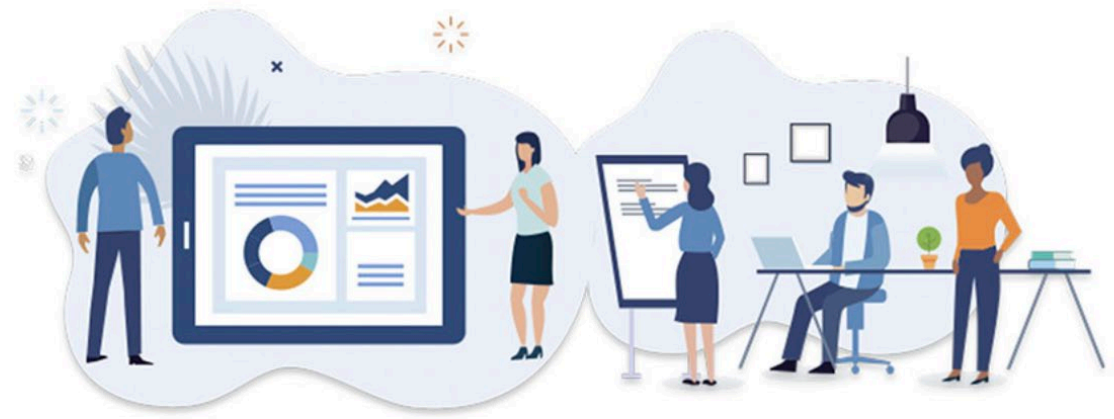
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November 2022 Performance Reporting Newsletter



This Month in Performance Reporting