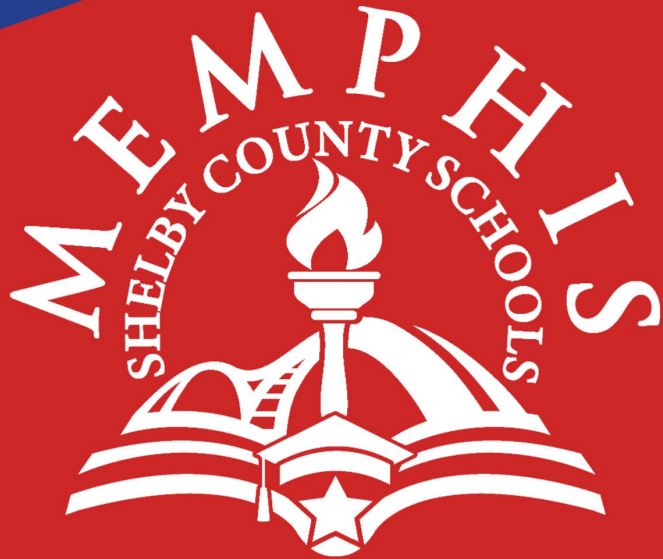


# MSCS Key Performance Indicators

- Advanced Coursework



By Dr. Anne Walton Garrison & Hannah Pallotta



# Advanced Coursework

## Overview

At MSCS advanced coursework is comprised of Advanced Placement (AP), Pre-AP, honors, International Baccalaureate (IB), dual enrollment (DE), local dual credit (LDC), and statewide dual credit (SDC) courses.

Advanced Placement, International Baccalaureate, dual enrollment, local dual credit, and statewide dual credit courses allow students the opportunity to earn "college credit and complete introductory college classes early and prepares students for the rigors of college enabling them to adjust to college-level expectations while also having a supportive network of high school educators and peers." (TNDOE, 2022).








These courses are overseen by three District offices: Optional Schools and Advanced Academics; College, Career, and Technical Education (CCTE); and Curriculum and Instruction. Together they support students, teachers, and school administrators and assist all schools in leveraging and expanding these specialized courses to offer more opportunities for students to earn college credit.

## Goal:

- Provide equitable opportunities for students to complete advanced coursework in alignment with [Board policy \(5005\)](#).



# Advanced Coursework

| KPI  | Indicator   |
|--|---|
| District-managed: 100% of traditional high schools offer at least 6 AP, virtual AP, and Pre-AP courses with a minimum of 3 AP or virtual AP. |    |
| District-managed: 100% of traditional high schools have at least 5 SDC & DE courses.   |    |
| District-managed: 94% of traditional high schools have at least 1 LDC course.  |    |
| District-managed: 100% of traditional high schools have a minimum of 5 Honors/Pre-AP courses.  |    |
| District-managed: Increase the percentage of students enrolled in advanced courses.  |    |
| District-managed: Achieve a 93% pass rate in DE courses.   |   |
| District-managed: Increase the % of AP exams with a score of 3 or higher.  |  |

## Data Notes

- The Shelby County Board of Education oversees both District-managed schools as well as charter schools.
- The following slides present data for:
  - MSCS Schools: Combination of District-managed and charter schools. (n= 44)
  - District-managed: MSCS schools managed directly by the District. (n=31)
  - Charter: MSCS schools managed by authorized charter operators. (n=13)

\*In the following slides, n's may differ based on the metric/KPI.

\*\*Excluded schools: Alternative schools, special education schools, adult high schools, career & technology centers, and charter schools (when looking at District-managed schools only)

## Summary & Key Findings

- **Course Offerings 2023–24**

- 96% of District-managed schools offered at least 6 AP, virtual AP, or Pre-AP courses.
- 100% of District-managed schools offered at least 5 dual enrollment or statewide dual credit (SDC) courses.
- 100% of District-managed schools offered at least 5 honors or Pre-AP courses.
- 94% District-managed schools offered at least 1 local dual credit (LDC) course.

- **Participation 2022–23**

- A large majority (74%) of the District's high schoolers took at least one advanced course last year.
- DE and honors/Pre-AP participation rates increased by 1 and 4 percentage points, respectively, last year as compared to the year before, while the AP participation rate remained steady.
- However, the SDC participation rate declined by 12 percentage points during the period, likely the result of stricter prerequisites that TNDOE put in place for SDC courses.

\*Participation for 2023-24 is review at the end of the year so that summer courses can be included in the analysis

## Summary & Key Findings

- **Participation 2022–23 (Cont.)**

- Last year, a sizeable majority (73%) of economically disadvantaged (ED) high schoolers took at least one advanced course—just 6 percentage points behind their non-ED counterparts.
- Black/African American, Hispanic/Latino, and Multiracial students had higher participation rates in SDC courses than did Asian and White students, whereas the opposite was true for participation in AP and honors/Pre-AP courses.

- **Performance 2022–23**

- The percentage of AP exams scoring a 3 or higher last year was 46% in District-managed schools, as compared to just 16% in charter schools.
- 95% of students who were enrolled in a DE course earned college credit by passing the course with a D or higher grade.

## Data Notes

- Course Definitions:
  - **Advanced Placement:** a high school course that offers the same rigor and content as college courses, giving students the opportunity to earn college credit and prepare for college while still in high school. Students may earn college credit by passing an AP exam at the end of the course.
  - **Dual Enrollment:** a postsecondary course that is taught by a credentialed faculty member (can be a high school teacher who is an adjunct) that accelerates learning in a collegiate environment. High school students are enrolled at the partnering college and have the opportunity to earn college and high school credit simultaneously. Students may earn college and high school credit by passing the course.
  - **Statewide Dual Credit:** a high school course aligned with a postsecondary challenge examination developed and approved by the Consortium for Cooperative Innovative Education, which allows students exceeding an established cut score to earn postsecondary credit at any public postsecondary institution. This course is taught by high school faculty at the high school that has been approved and trained by the state (TDOE). The state (TDOE) administers the challenge exam and maintains record of student scores/earned credits.
  - **Local Dual Credit:** a high school course that is aligned with a postsecondary challenge examination at a specific postsecondary institution, which allows students exceeding an established cut score to earn postsecondary credit at that institution (not typically transferrable).



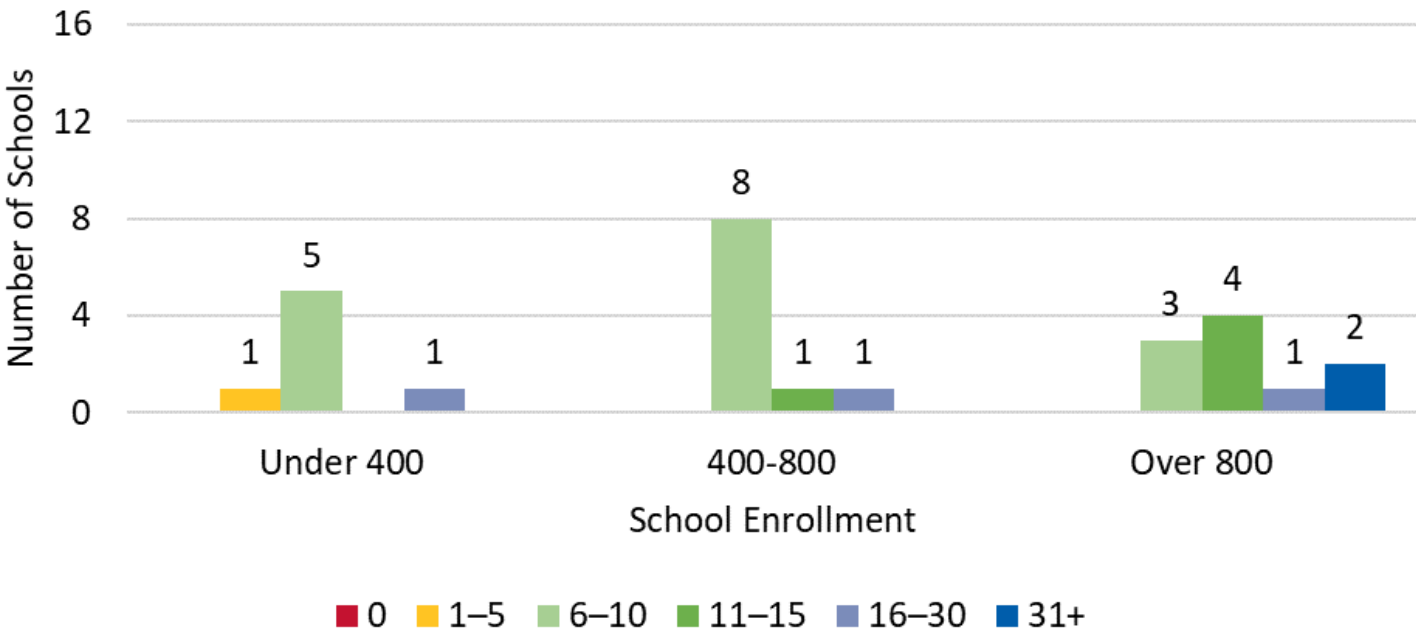
# Advanced Coursework: Course Offerings- Advanced Placement

District-managed: 100% of traditional high schools offer at least 6 AP, virtual AP, and Pre-AP courses with a minimum of 3 AP or virtual AP.



- **96% (26 out of 27) of District-managed schools offered at least 6 AP, virtual AP, or Pre-AP courses.**
- The median AP course count when looking at only District-managed schools was 6.

2023–24 Count of AP & Pre-AP Offered:  
District-Managed Schools



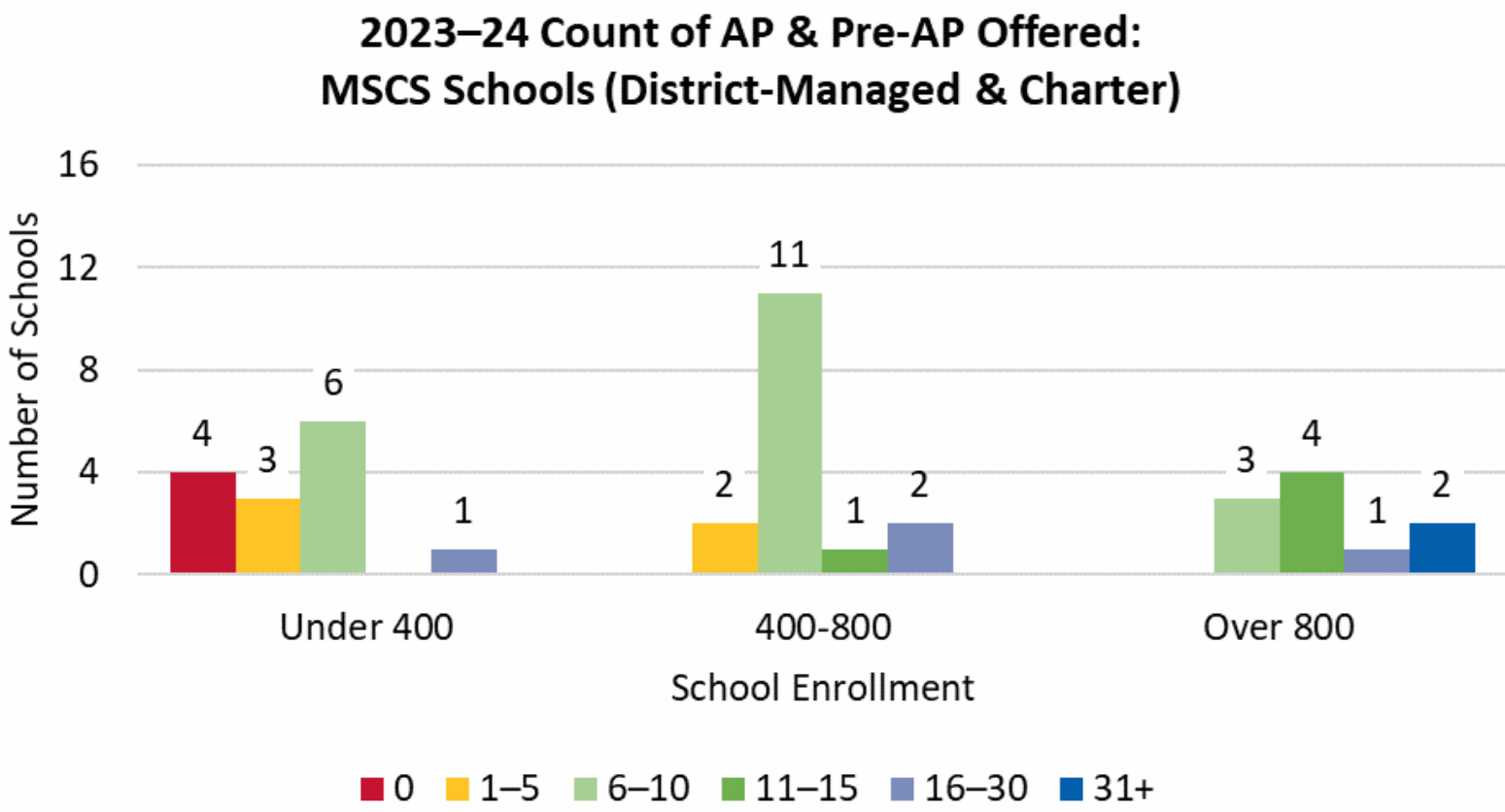
Excluded schools: Alternative schools, special education schools, adult high schools, career & technology centers, high schools without 11th and 12th grades, contract schools, schools that have their own program, and charter schools (when looking at District-managed schools only).





# Advanced Coursework: Course Offerings- Advanced Placement

- **76% (31 out of 40) MSCS high schools (District-managed & charter) offered at least 6 Advanced Placement (AP), virtual AP, or Pre-AP courses.**
- The median AP course count was five.
- Schools with zero course offerings: City University, City University School of Independence, Compass Community School Midtown, and KIPP Memphis Collegiate High.



Excluded schools: Alternative schools, special education schools, adult high schools, career & technology centers, high schools without 11th and 12th grades, contract schools, schools that have their own program, and charter schools (when looking at District-managed schools only).

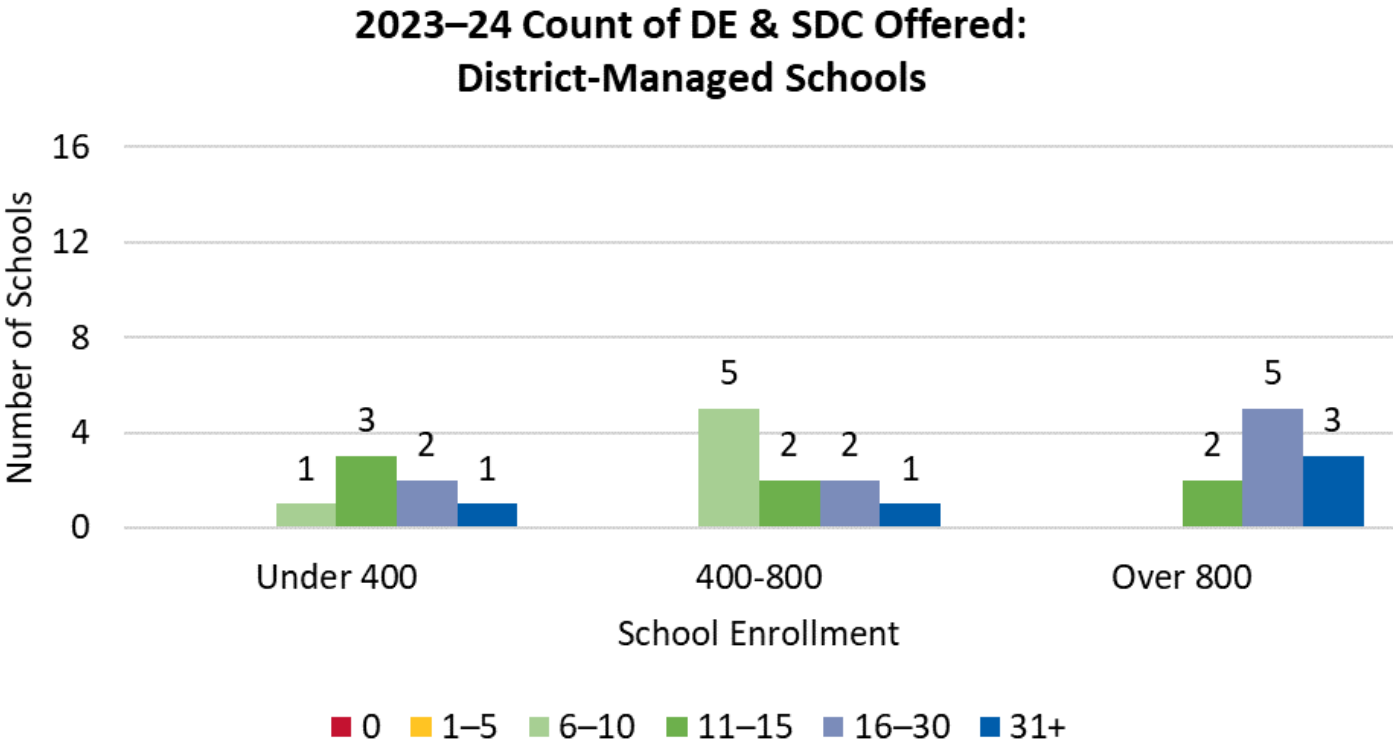


# Advanced Coursework: Course Offerings- Dual Enrollment & SDC

District-managed: 100% of traditional high schools have at least 5 SDC or DE courses.



- **27 (100%) District-managed schools offered at least 5 dual enrollment or statewide dual credit courses.**
- The median DE/SDC course count when looking at only District-managed schools is 16. The median SDC course count is 3. The median DE course count is 11.



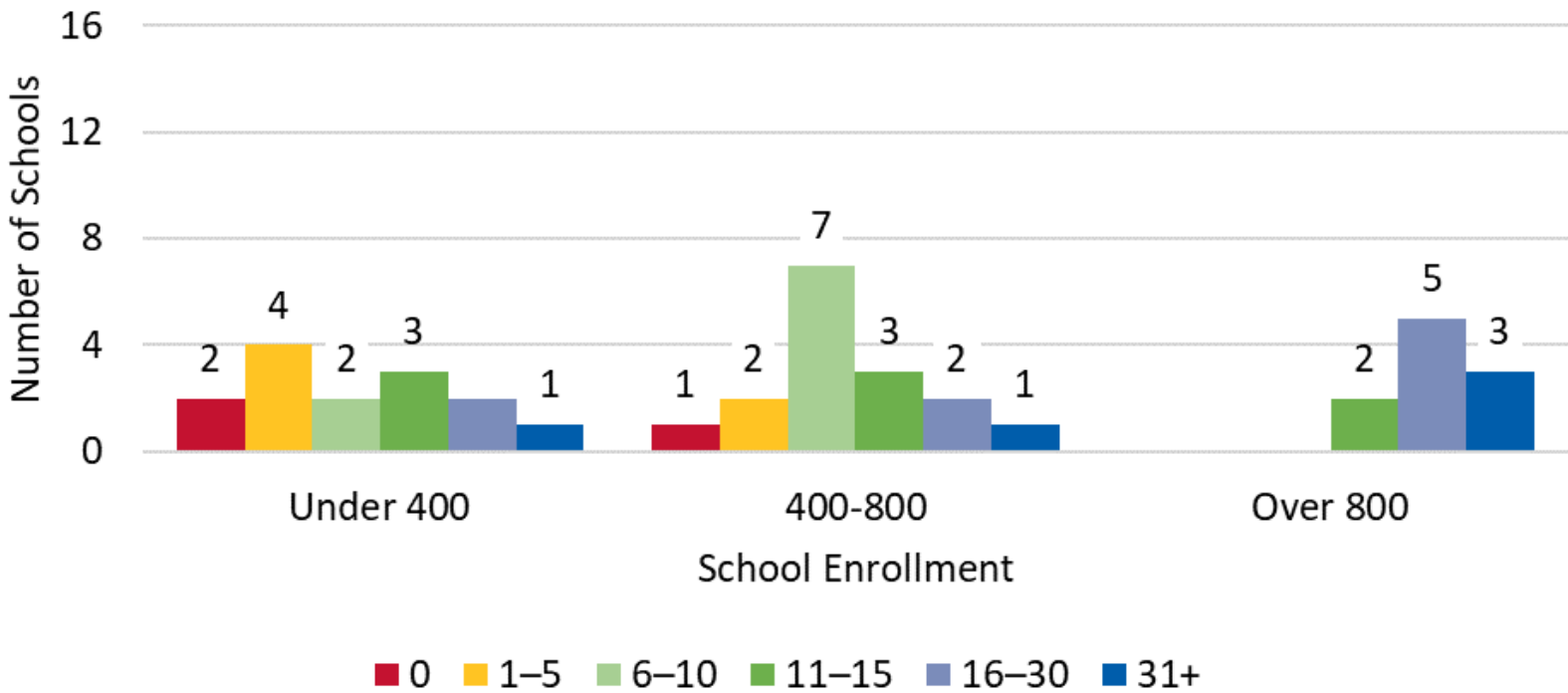
Excluded schools: Alternative schools, special education schools, adult high schools, career & technology centers, high schools without 11th and 12th grades, contract schools, schools that have their own program, and charter schools (when looking at District-managed schools only).



# Advanced Coursework: Course Offerings- Dual Enrollment & SDC

- **80% (32 out of 40) MSCS high schools offered at least 5 dual enrollment (DE) or statewide dual credit (SDC) courses.**
- The median DE/SDC course count when including charter schools is 12. The median SDC course count is 3. The median DE course count is 9.
- Schools that had zero course offerings: City University School of Independence, Compass Community School Midtown, Freedom Prep Academy Flagship.

2023–24 Count of DE & SDC Offered:  
MSCS Schools (District-Managed & Charter)



Excluded schools: Alternative schools, special education schools, adult high schools, career & technology centers, high schools without 11th and 12th grades, contract schools, schools that have their own program, and charter schools (when looking at District-managed schools only).

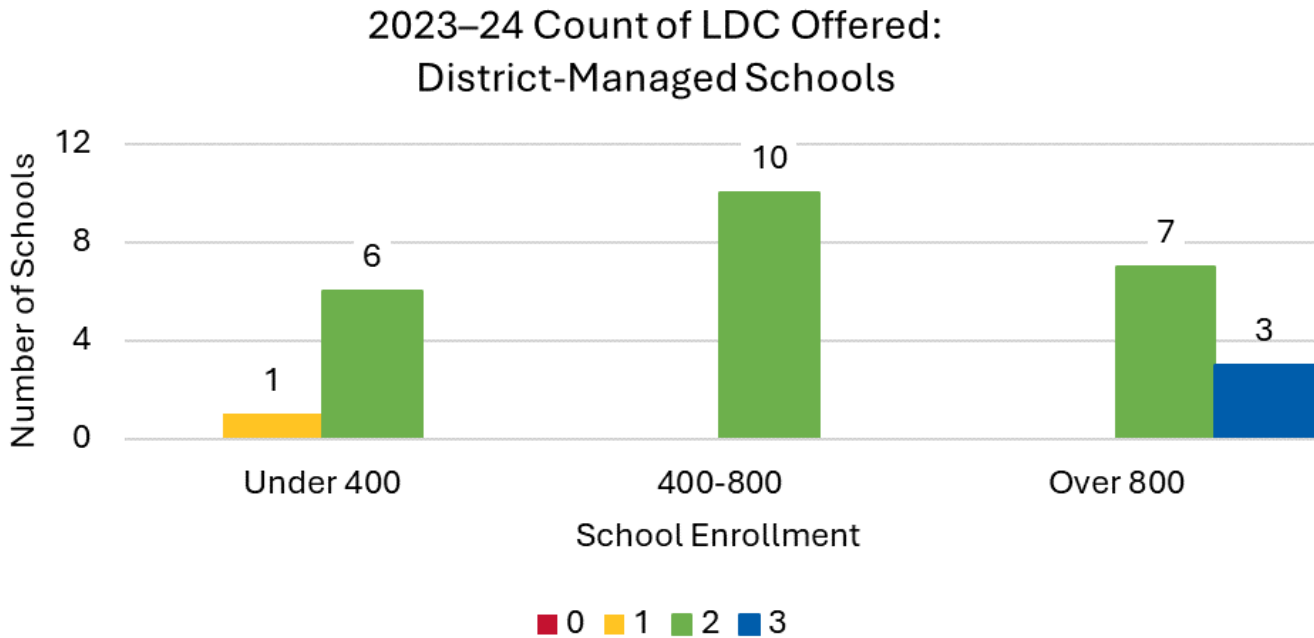


# Advanced Coursework: Course Offerings- Local Dual Credit

District-managed: 94% of traditional high schools have at least 1 LDC course.



- **100% (all 27) of District-managed schools offered at least 1 local dual credit (LDC) course.**
- The median LDC course count was 2.



Excluded schools: Special education schools, adult high schools, career & technology centers, and charter schools (when looking at District-managed schools only).



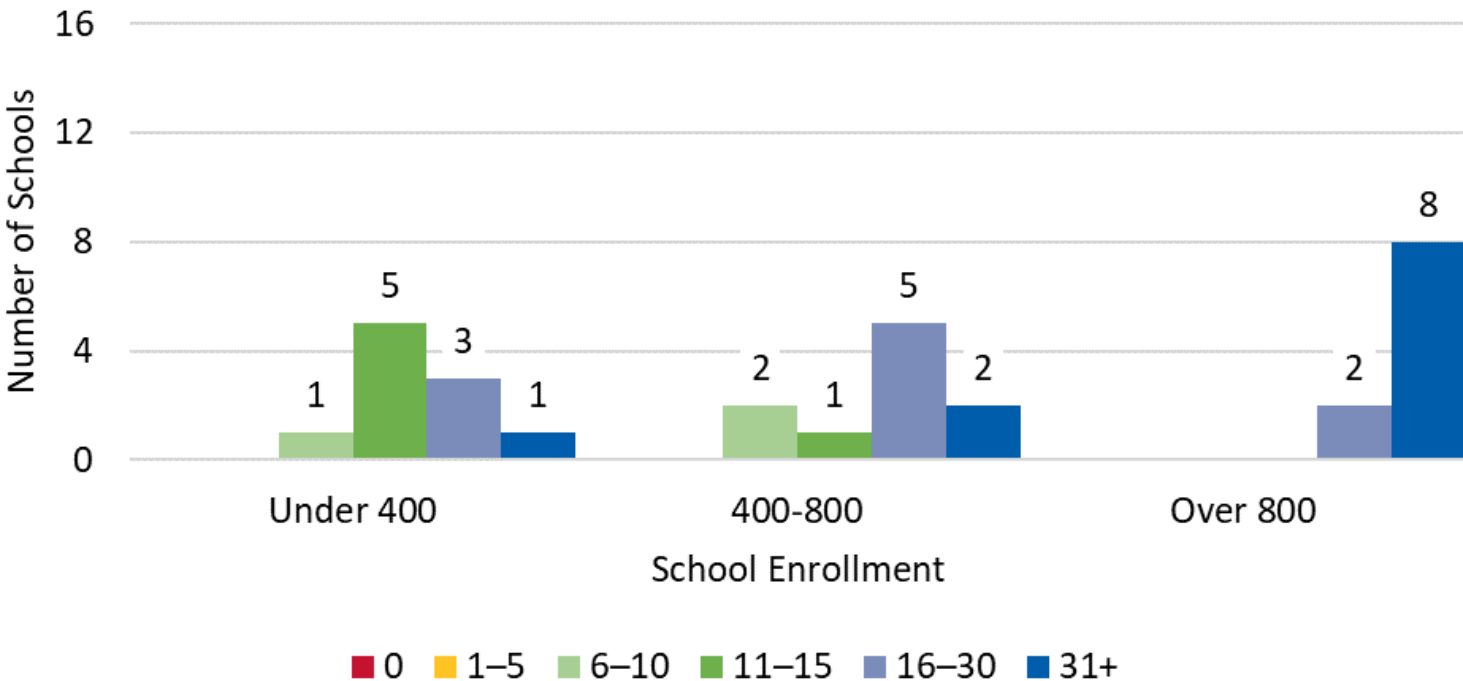
# Advanced Coursework: Course Offerings- Honors & Pre-AP

District-managed: 100% of traditional high schools have a minimum of 5 Honors/Pre-AP courses.



- When excluding charter schools, **all 30 (100%) District-managed schools included offered at least 5 honors or Pre-AP courses.**
- The median honors/Pre-AP course count was 20.

2023–24 Count of Honors and Pre-AP Offered:  
District-Managed Schools



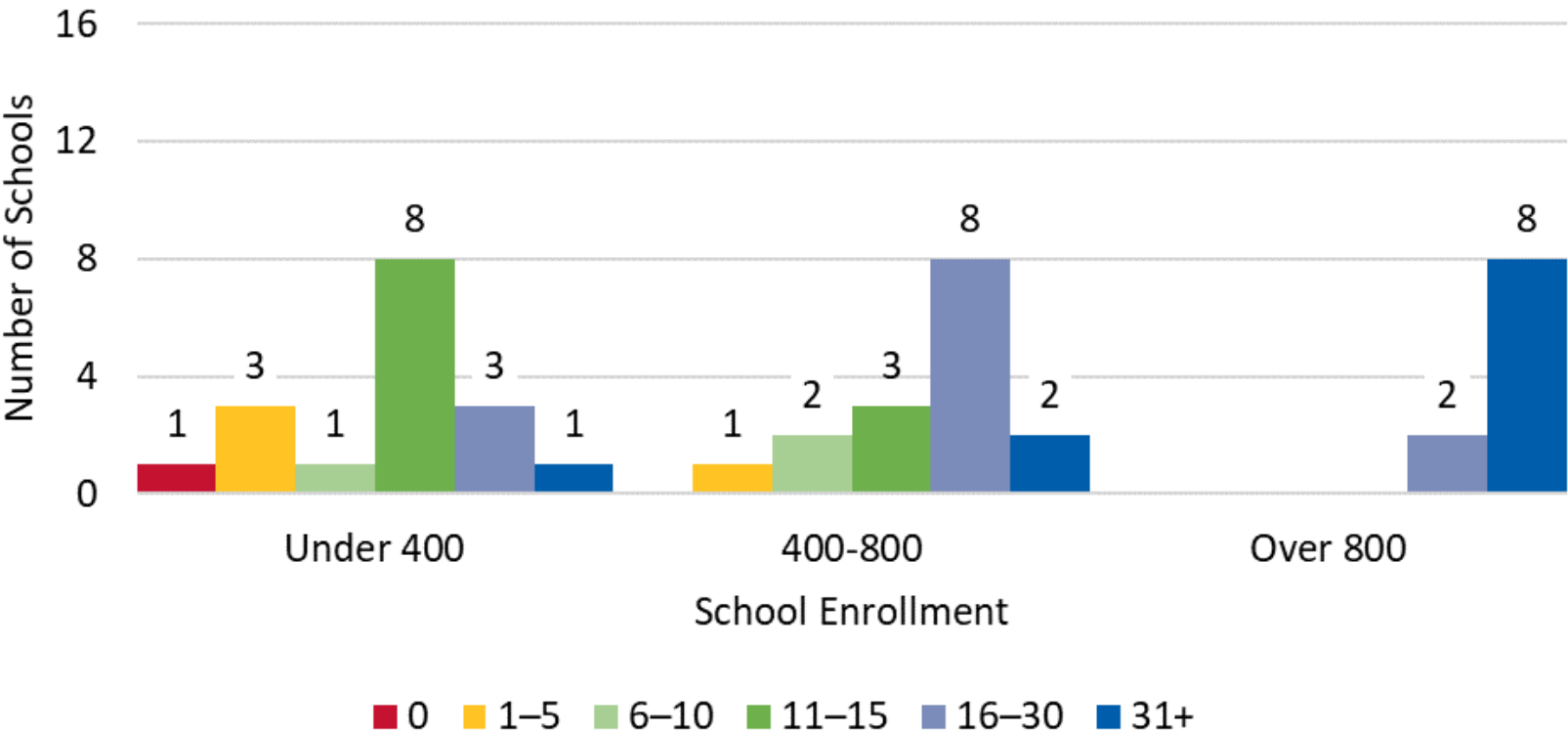
Excluded schools: Alternative schools, special education schools, adult high schools, career & technology centers, and charter schools (when looking at District-managed schools only).



# Advanced Coursework: Course Offerings- Honors & Pre-AP

- **88% (38 out of 43) of MSCS schools offered at least 5 honors or Pre-AP courses.**
- The median honors/Pre-AP course count when including charter schools was 17.
- Schools that had zero course offerings: KIPP Memphis Collegiate High.

2023–24 Count of Honors and Pre-AP Offered:  
MSCS Schools (District-Managed & Charter)



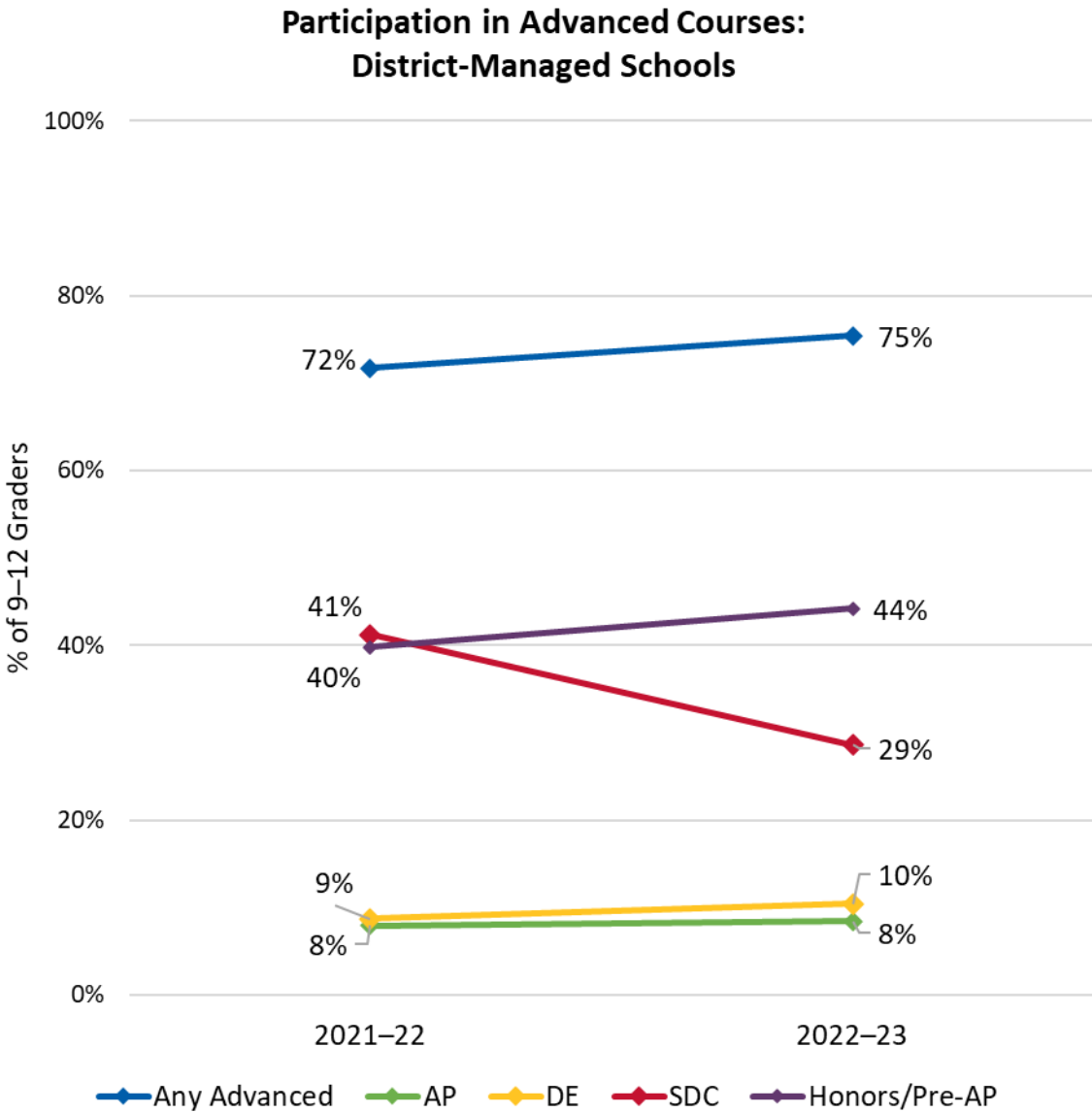
Excluded schools: Alternative schools, special education schools, adult high schools, career & technology centers, and charter schools (when looking at District-managed schools only).



# Advanced Coursework: Course Participation

- The rate of advanced-course participation among District-managed high schoolers last year was high: 75%, which was a 3-point increase from the year before.
- DE and honors/Pre-AP participation rates increased by 1 and 4 percentage points, respectively, while the AP participation rate remained steady.
- However, the SDC participation rate declined by 12 percentage points.
  - TNDOE instituted stricter prerequisites for SDC courses, preventing 9th and 10th graders from enrolling in many of those courses.

District-managed: Increase the percentage of students enrolled in advanced courses.

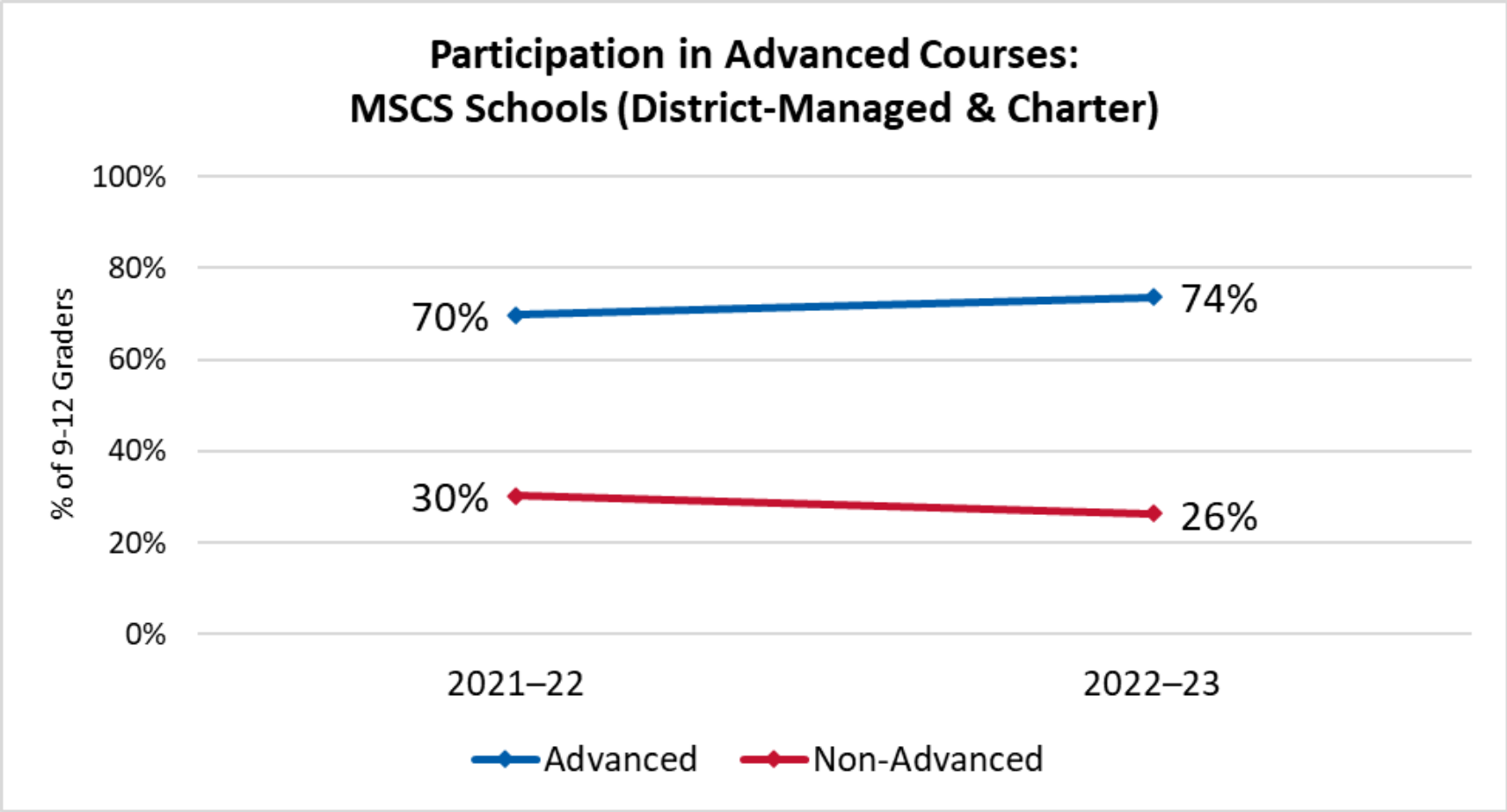


Note: The following school types were excluded: charter, alternative, special education, and adult.



# Advanced Coursework: Course Participation

- Last year, a large majority (74%) of MSCS’s high schoolers participated in advanced coursework, up 4 percentage points from the year before.



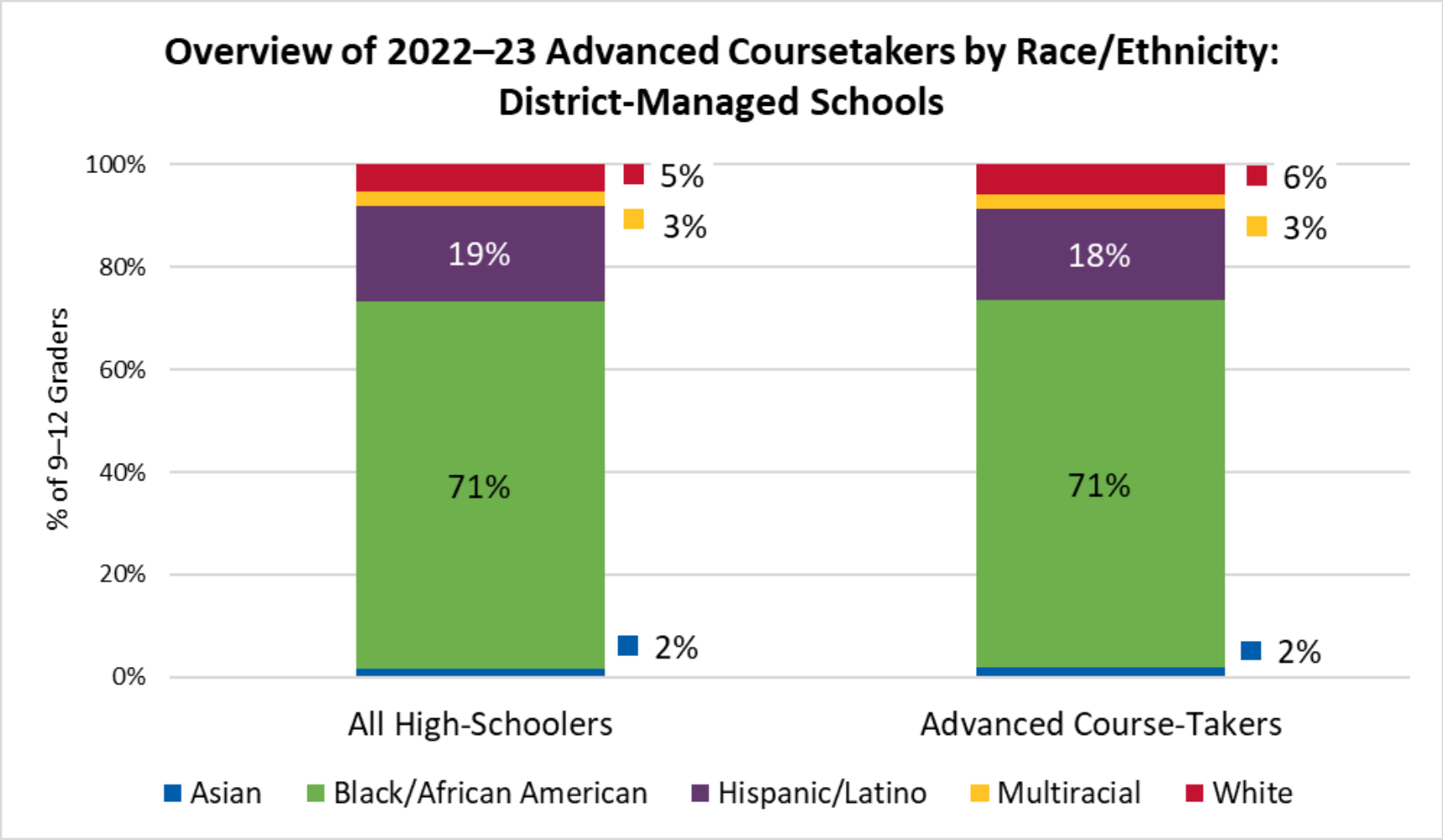
Note: The following school types were excluded: alternative, special education, and adult.





# Advanced Coursework: Course Participation by Race/Ethnicity

- The racial/ethnic makeup of advanced course-takers mirrors that of the District's high schoolers overall.

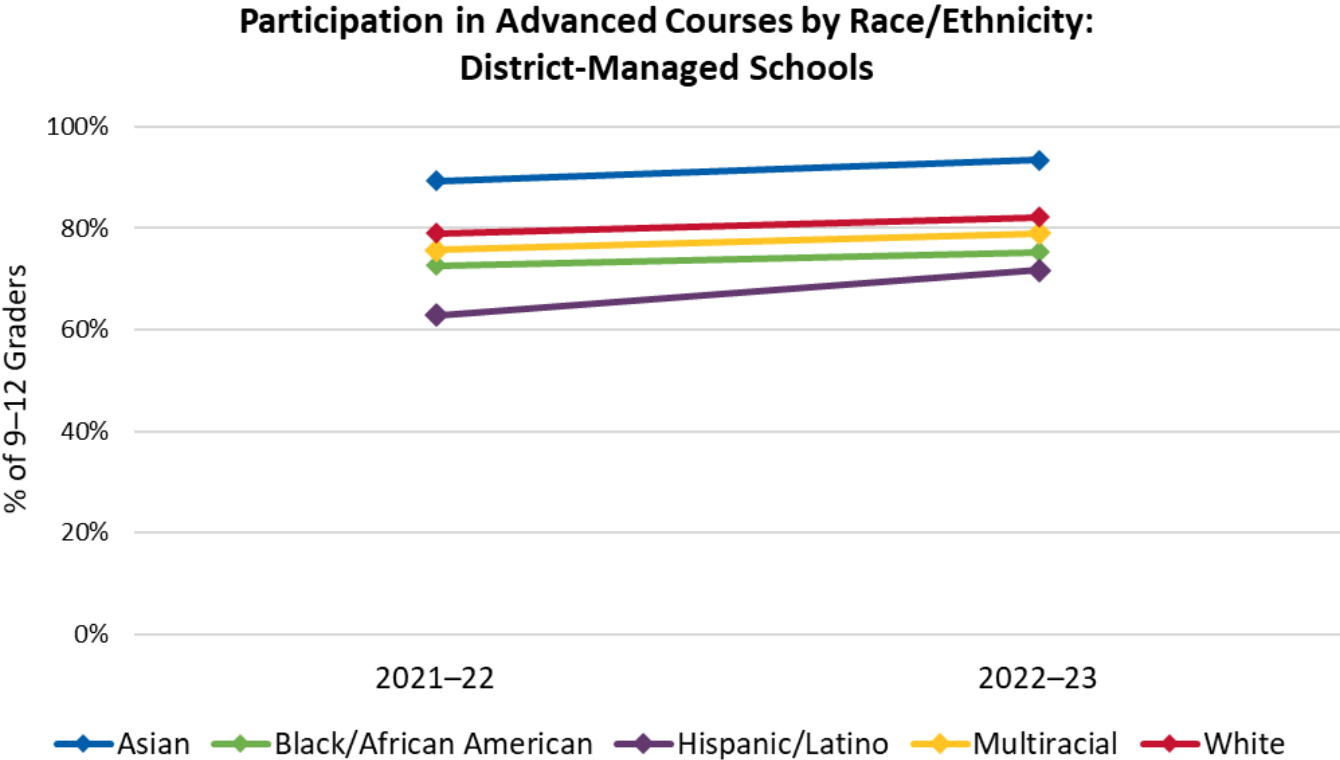


Note: The following school types were excluded: charter, alternative, special education, and adult. Also, information on Native American and Hawaiian/Pacific Islander students is not shown, as those students constitute less than 0.5% of MSCS high-schoolers.



# Advanced Coursework: Course Participation by Race/Ethnicity

- For the past two years, Asian students have had the highest advanced course participation rates, followed by White, Multiracial, Black/African American, and Hispanic/Latino students, respectively.
- Notably, the participation rate for Hispanic/Latino students climbed by 9 percentage points during the period.



| Race/Ethnicity         | 2021-22 |        | 2022-23 |        |
|------------------------|---------|--------|---------|--------|
|                        | %       | #      | %       | #      |
| Asian                  | 89%     | 341    | 93%     | 337    |
| White                  | 79%     | 1,054  | 82%     | 1,044  |
| Multiracial            | 76%     | 557    | 79%     | 500    |
| Black/African American | 73%     | 12,077 | 75%     | 12,796 |
| Hispanic/Latino        | 63%     | 2,512  | 72%     | 3,160  |

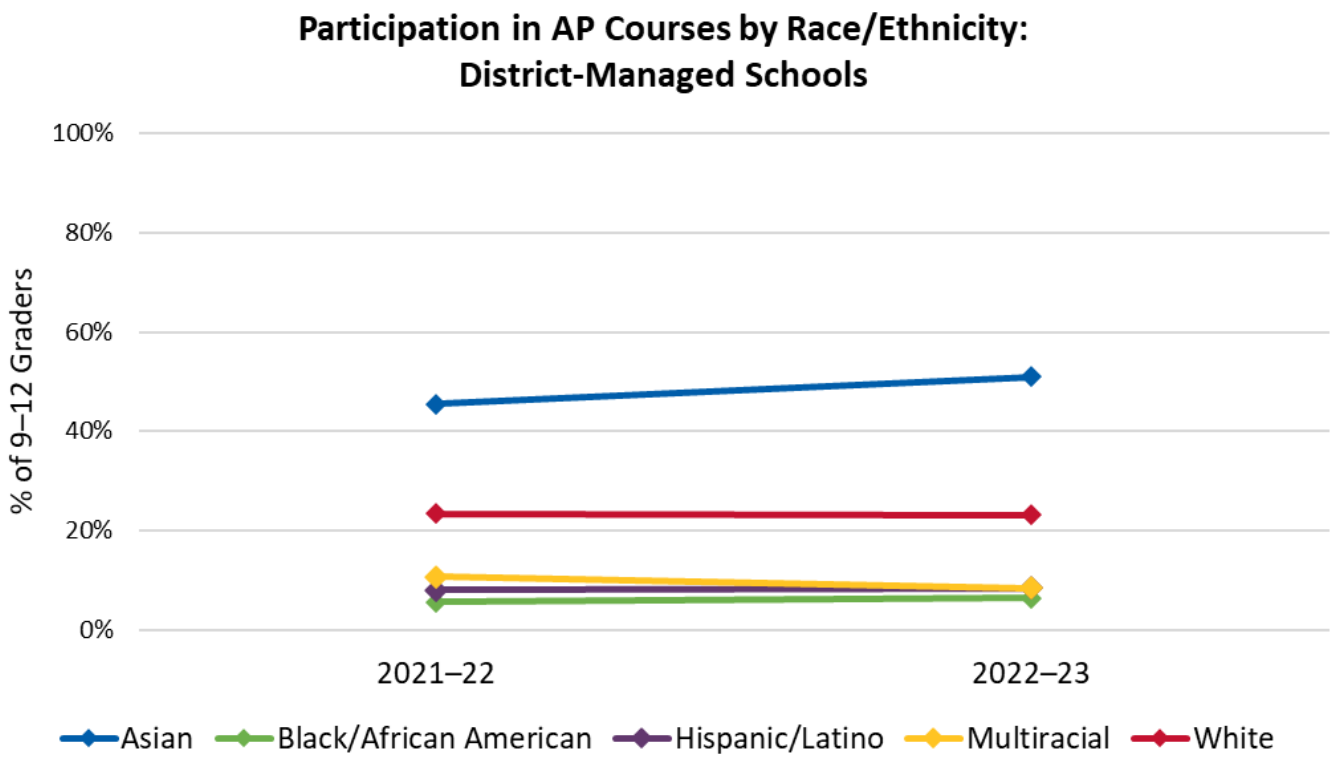
Table is arranged from highest to lowest 2022-23 participation rate.

Note: The following school types were excluded: charter, alternative, special education, and adult. Also, information on Native American and Hawaiian/Pacific Islander students is not shown, as those students constitute less than 0.5% of MSCS high-schoolers.



# Advanced Coursework: AP Course Participation by Race/Ethnicity

- Asian students took AP courses at much higher rates than other racial/ethnic groups, followed by White students, and trailed by Multiracial, Hispanic/Latino, and Black/African American students.



| Race/Ethnicity         | 2021-22 |     | 2022-23 |       |
|------------------------|---------|-----|---------|-------|
|                        | %       | #   | %       | #     |
| Asian                  | 46%     | 174 | 51%     | 184   |
| White                  | 23%     | 312 | 23%     | 295   |
| Hispanic/Latino        | 8%      | 319 | 8%      | 371   |
| Multiracial            | 11%     | 79  | 8%      | 53    |
| Black/African American | 6%      | 946 | 6%      | 1,092 |

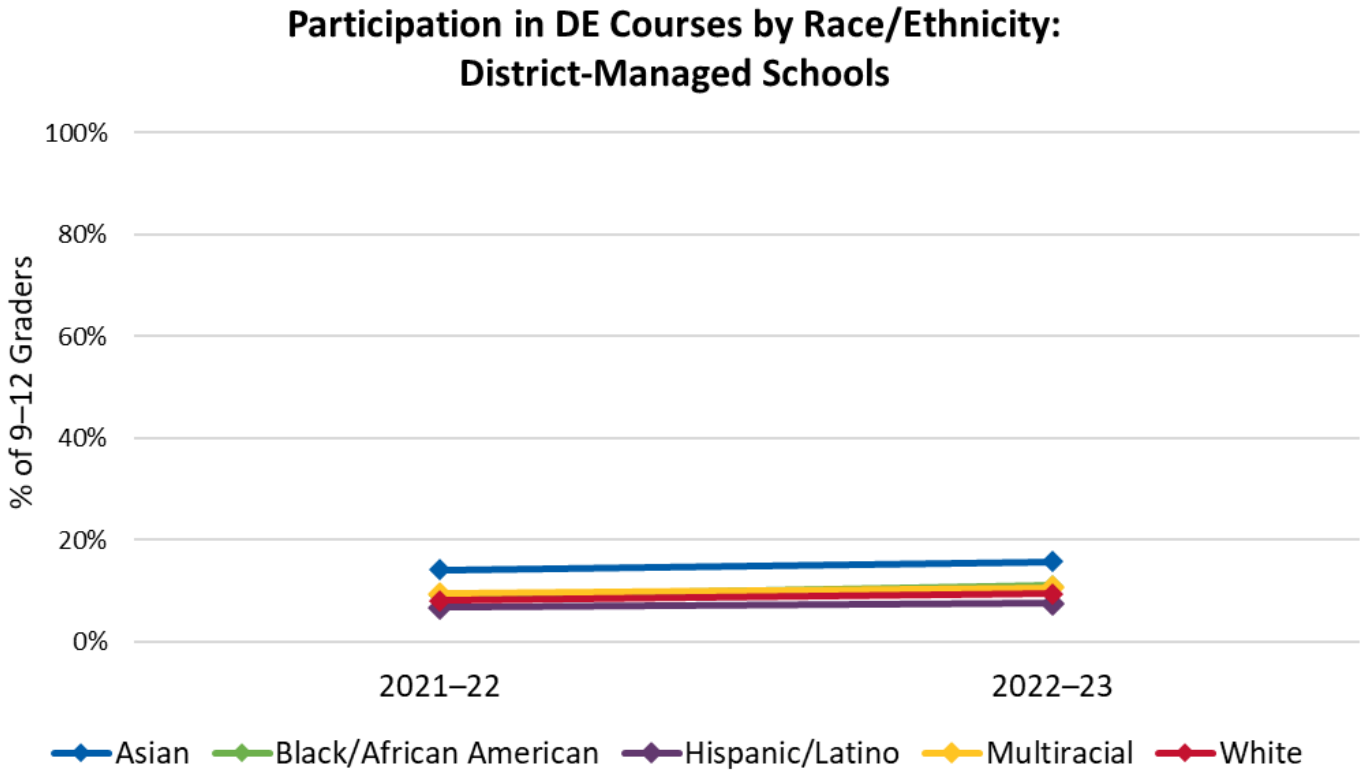
Table is arranged from highest to lowest 2022-23 participation rate.

Note: The following school types were excluded: charter, alternative, special education, and adult. Also, information on Native American and Hawaiian/Pacific Islander students is not shown, as those students constitute less than 0.5% of MSCS high-schoolers.



# Advanced Coursework: DE Course Participation by Race/Ethnicity

- Asian students also had the highest DE course participation rates for the past two years, followed by Black/African American and Multiracial students, then White students, then Hispanic/Latino students.



| Race/Ethnicity         | 2021-22 |       | 2022-23 |       |
|------------------------|---------|-------|---------|-------|
|                        | %       | #     | %       | #     |
| Asian                  | 14%     | 54    | 16%     | 57    |
| Black/African American | 9%      | 1,505 | 11%     | 1,881 |
| Multiracial            | 9%      | 69    | 11%     | 67    |
| White                  | 8%      | 108   | 9%      | 120   |
| Hispanic/Latino        | 7%      | 272   | 8%      | 332   |

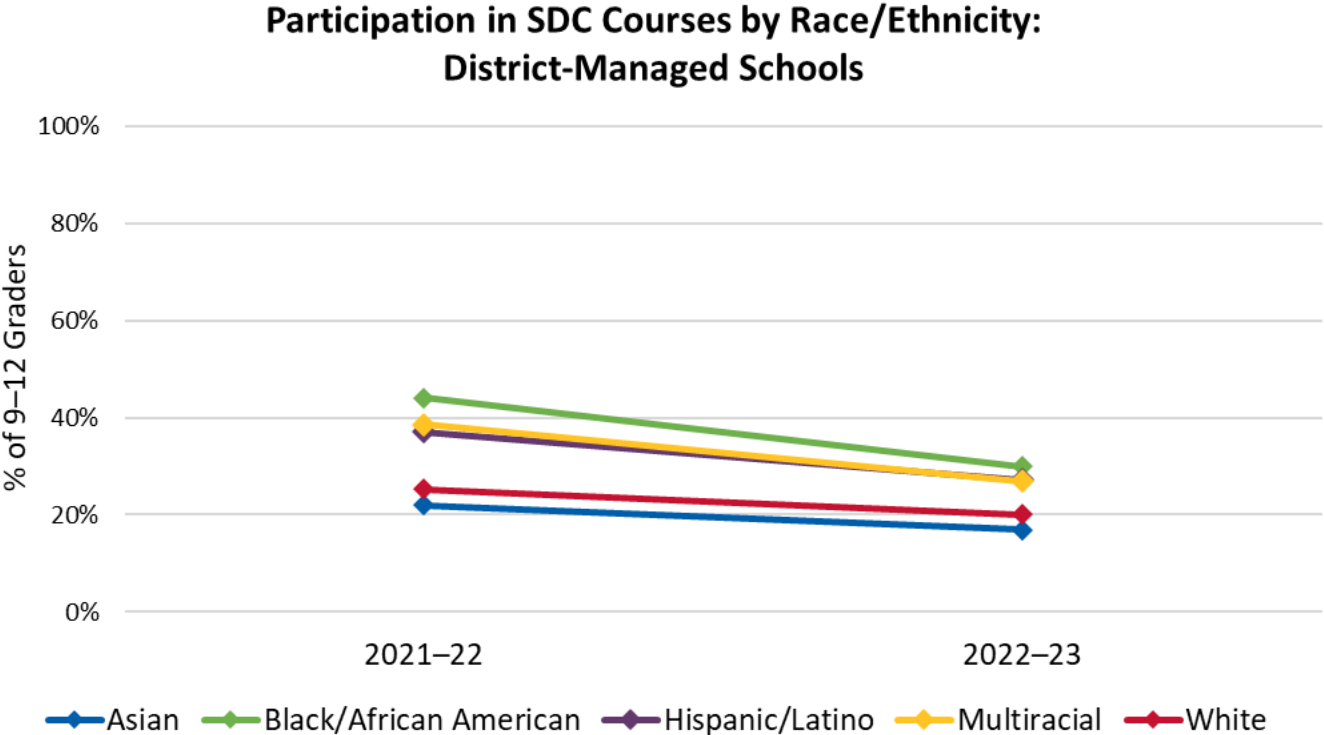
Table is arranged from highest to lowest 2022-23 participation rate.

Note: The following school types were excluded: charter, alternative, special education, and adult. Also, information on Native American and Hawaiian/Pacific Islander students is not shown, as those students constitute less than 0.5% of MSCS high-schoolers.



# Advanced Coursework: SDC Course Participation by Race/Ethnicity

- By contrast, Black/African American students had the highest SDC course participation rates for the past two years, followed by Multiracial and Hispanic/Latino students, and trailed by White students and then Asian students.
- There was a decline in SDC participation rates across all racial/ethnic groups from 2021–22 to 2022–23, likely owing to the stricter prerequisites that TNDOE put in place for SDC courses.



| Race/Ethnicity         | 2021–22 |       | 2022–23 |       |
|------------------------|---------|-------|---------|-------|
|                        | %       | #     | %       | #     |
| Black/African American | 44%     | 7,315 | 30%     | 5,072 |
| Hispanic/Latino        | 37%     | 1,479 | 27%     | 1,198 |
| Multiracial            | 39%     | 284   | 27%     | 170   |
| White                  | 25%     | 336   | 20%     | 255   |
| Asian                  | 22%     | 84    | 17%     | 61    |

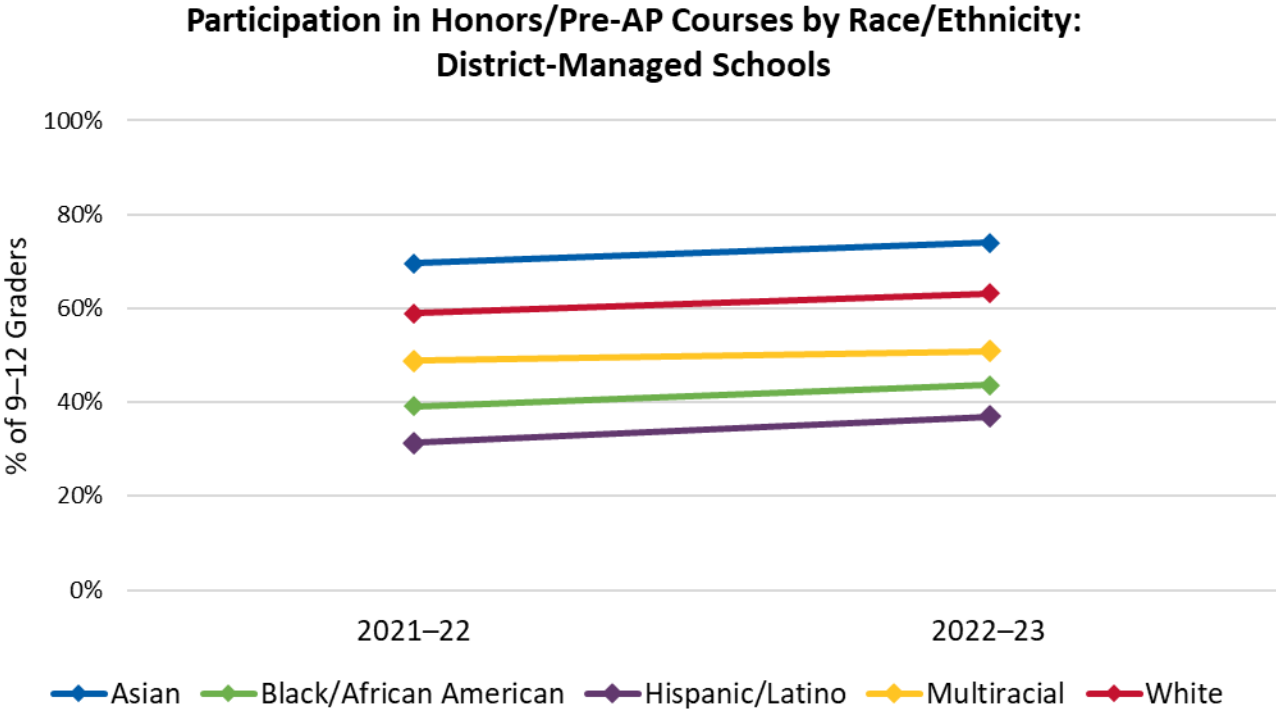
Table is arranged from highest to lowest 2022–23 participation rate.

Note: The following school types were excluded: charter, alternative, special education, and adult. Also, information on Native American and Hawaiian/Pacific Islander students is not shown, as those students constitute less than 0.5% of MSCS high-schoolers.



# Advanced Coursework: Honors/Pre-AP Course Participation by Race/Ethnicity

- For the past two years, Asian students have had the highest honors/Pre-AP course participation rates, followed by White, Multiracial, Black/African American, and Hispanic/Latino students, respectively.
- Honors/Pre-AP participation rates rose 2–6 percentage points across all racial/ethnic groups from 2021–22 to 2022–23.



| Race/Ethnicity         | 2021–22 |       | 2022–23 |       |
|------------------------|---------|-------|---------|-------|
|                        | %       | #     | %       | #     |
| Asian                  | 70%     | 266   | 74%     | 267   |
| White                  | 59%     | 787   | 63%     | 803   |
| Multiracial            | 49%     | 359   | 51%     | 322   |
| Black/African American | 39%     | 6,503 | 44%     | 7,429 |
| Hispanic/Latino        | 31%     | 1,254 | 37%     | 1,630 |

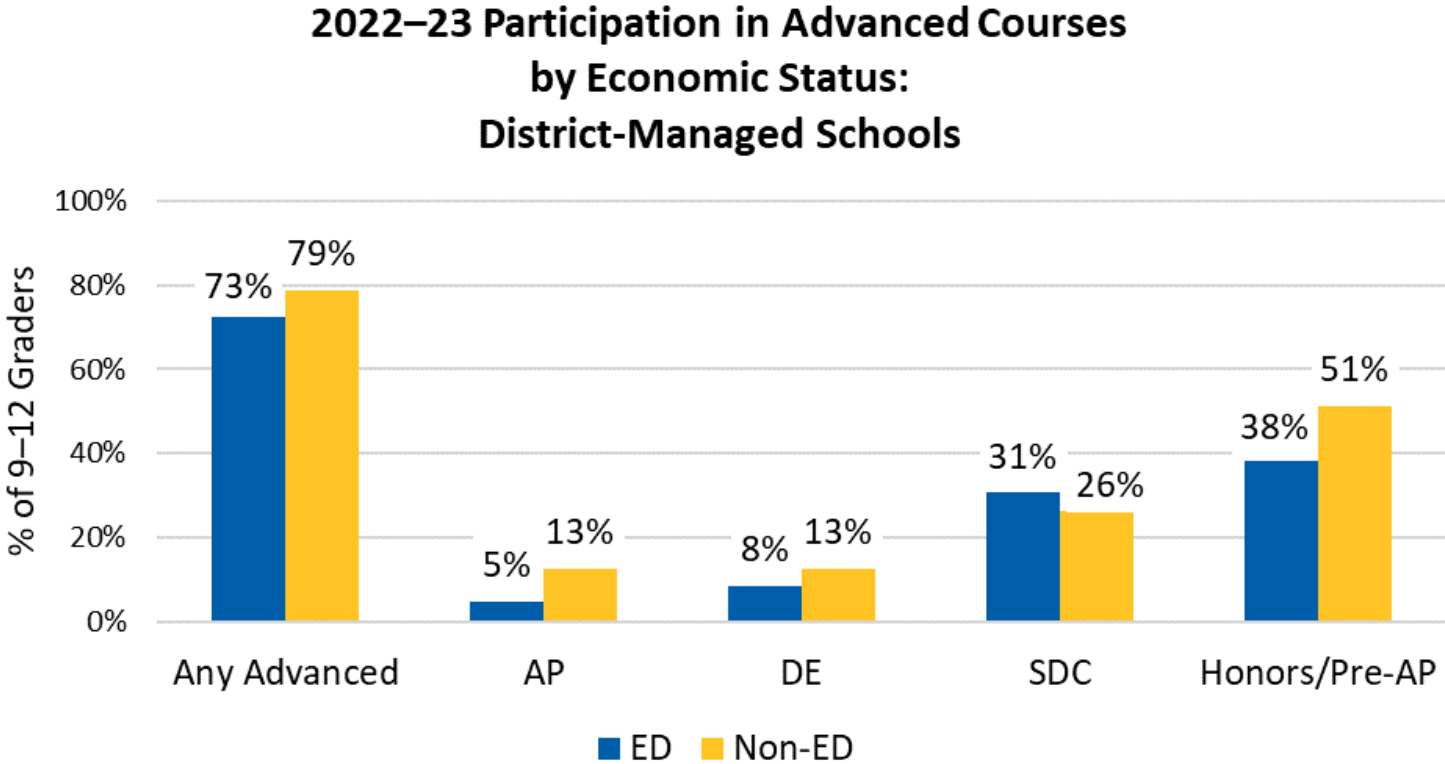
Table is arranged from highest to lowest 2022–23 participation rate.

Note: The following school types were excluded: charter, alternative, special education, and adult. Also, information on Native American and Hawaiian/Pacific Islander students is not shown, as those students constitute less than 0.5% of MSCS high-schoolers.



# Advanced Coursework: Course Participation by Economic Status

- Last year, a sizeable majority (73%) of economically disadvantaged (ED) high schoolers took at least one advanced course—just 6 percentage points behind their non-ED counterparts.
- Though ED students had lower participation rates in AP, DE, and honors/Pre-AP courses than non-ED students, they had higher SDC course participation than their non-ED counterparts.



Note: The following school types were excluded: charter, alternative, special education, and adult.



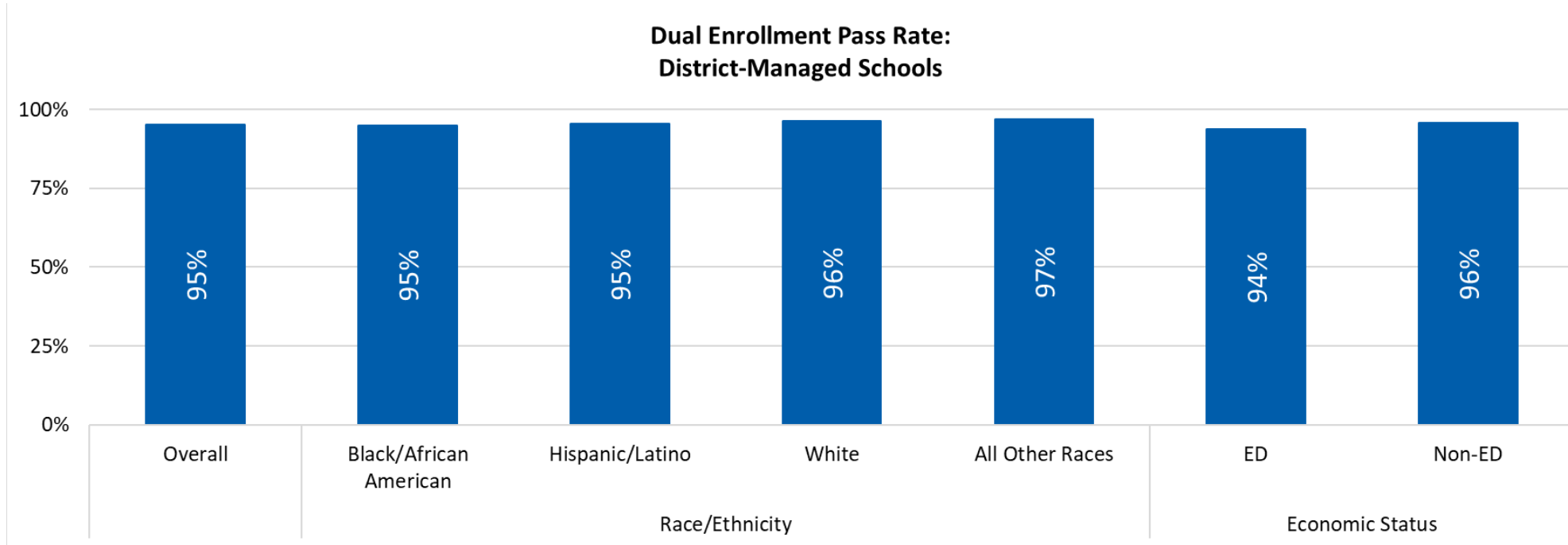


# Advanced Coursework: Dual Enrollment Pass Rates

District-managed: Achieve a 93% pass rate in DE courses.



- When excluding charter schools, 95% of students who were enrolled in a DE course earned a college credit by passing the course with a D or higher grade.
- The median grade was 91.

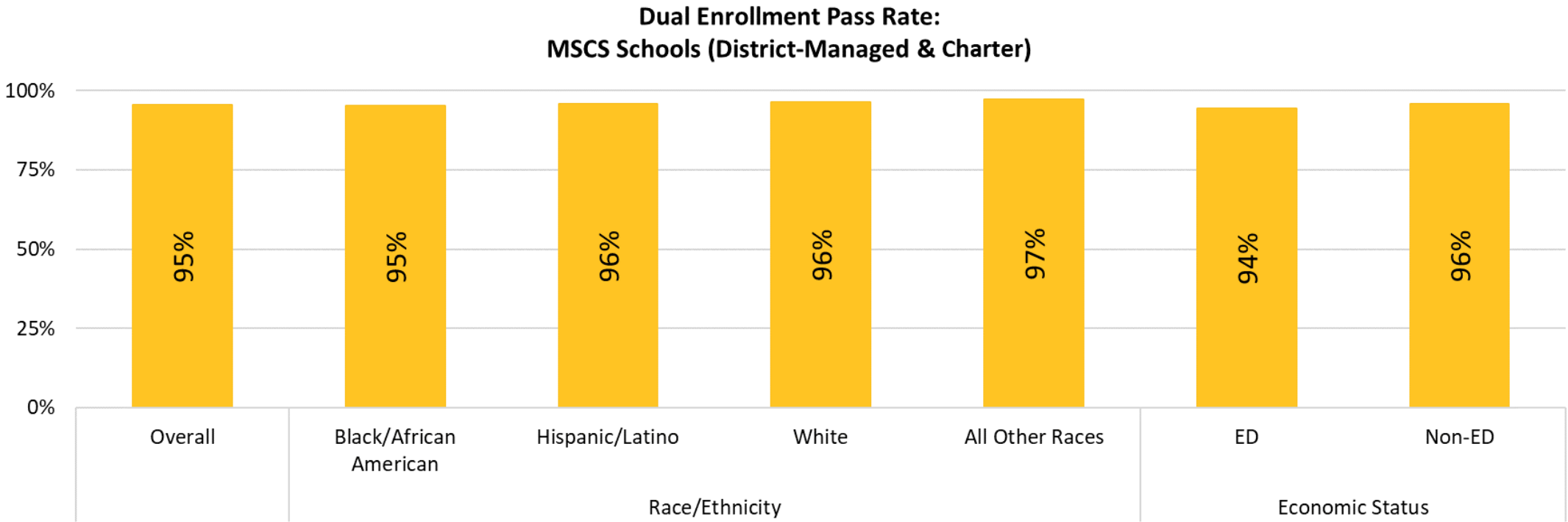






# Advanced Coursework: Dual Enrollment Pass Rates

- For MSCS Schools (District-managed & charter) 95% of students who were enrolled in a DE course earned a college credit by passing the course with a D or higher grade.
- The median grade when including charter schools was 90.



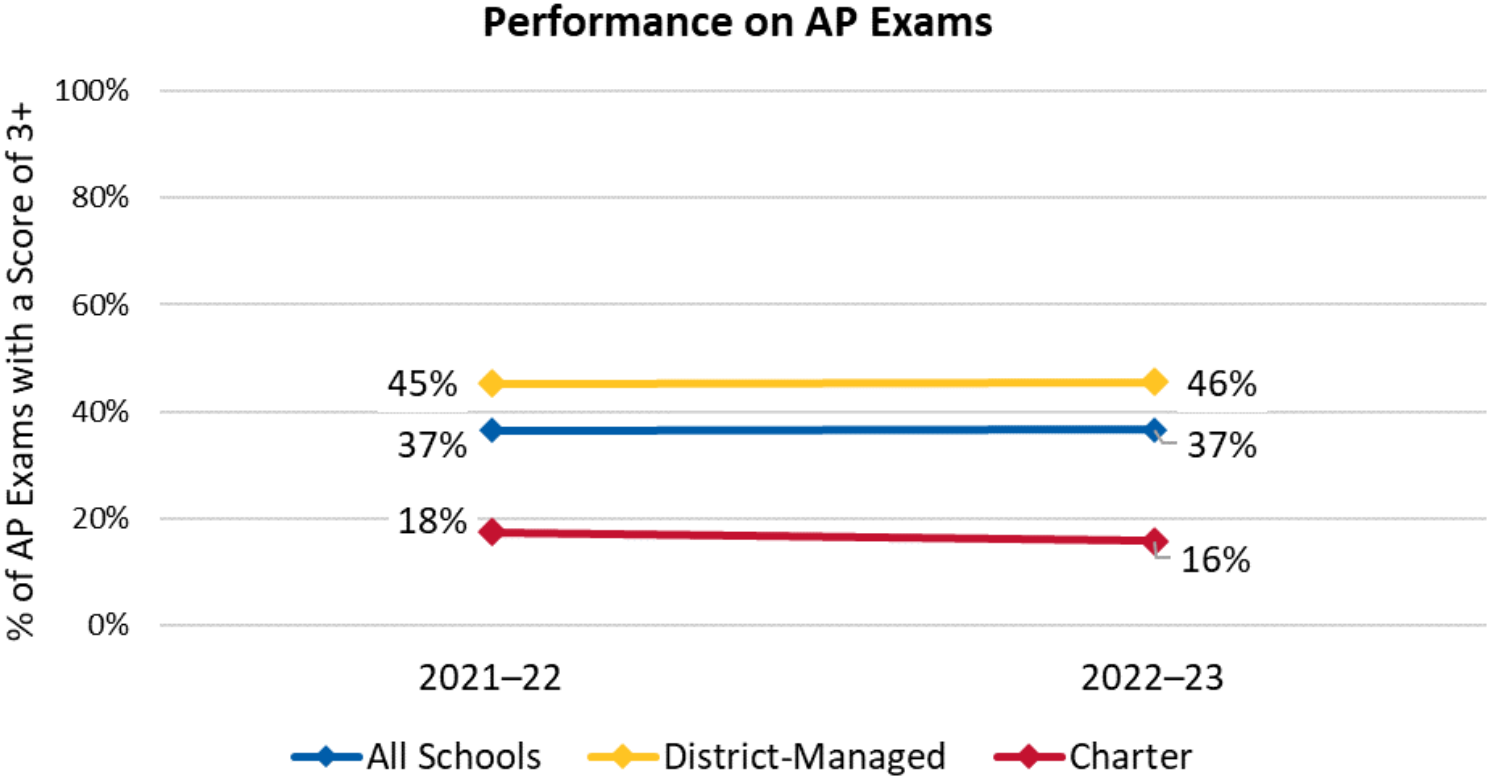


# Advanced Coursework: AP Exam Performance

District-managed: Increase the % of AP exams with a score of 3 or higher.



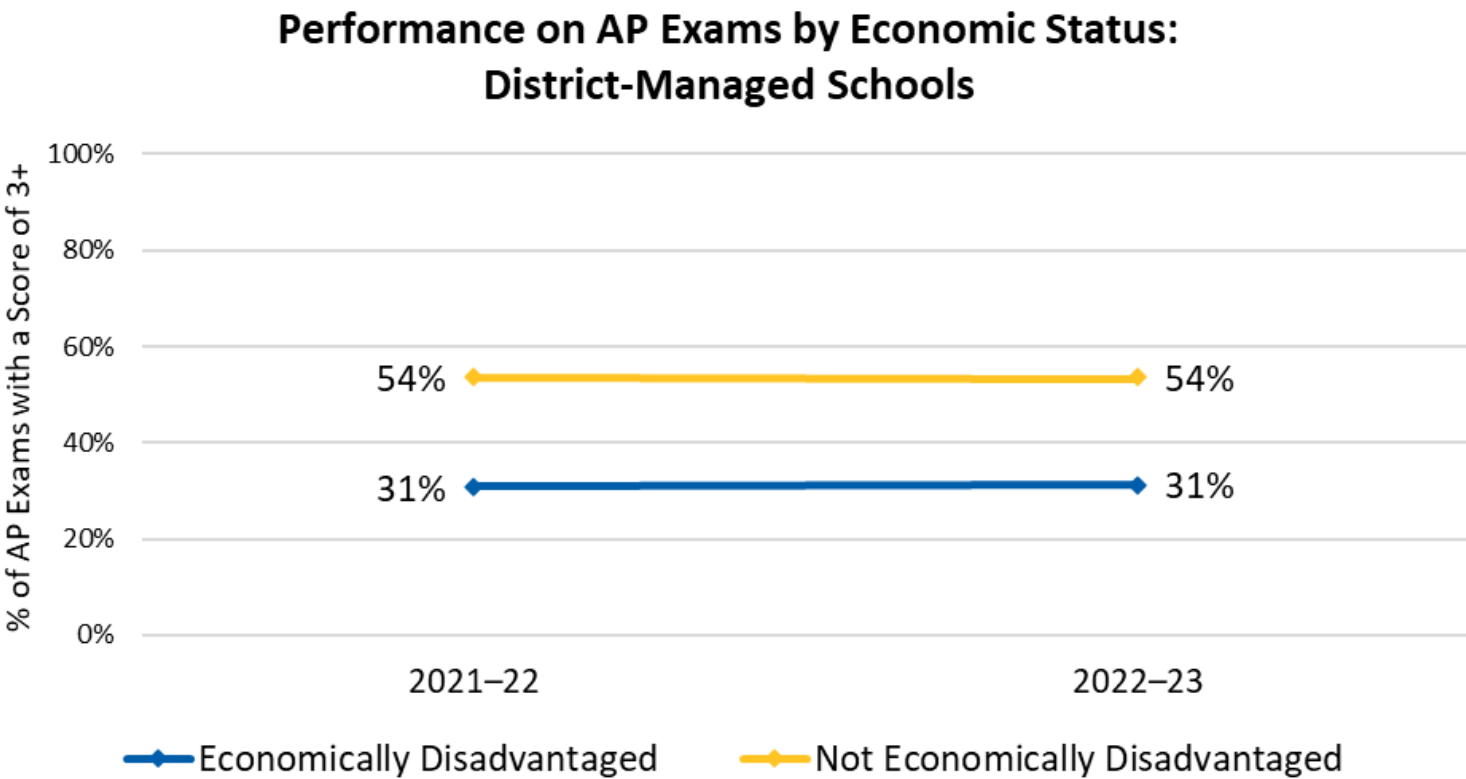
- For MSCS as a whole (District-managed & charter schools), the percentage of AP exams with a score of 3 or higher remained the same (37%) last year as compared to the year before.
- District-managed schools improved by 1 percentage point, while charter schools declined by 2 percentage points.
- District-managed schools outperformed charter schools by 30 percentage points last year.





# Advanced Coursework: AP Exam Performance by Economic Status

- The AP exam performance of economically disadvantaged (ED) students and their non-ED counterparts remained the same last year as compared to the year before, with non-ED students outperforming ED students by 23 percentage points in both years.

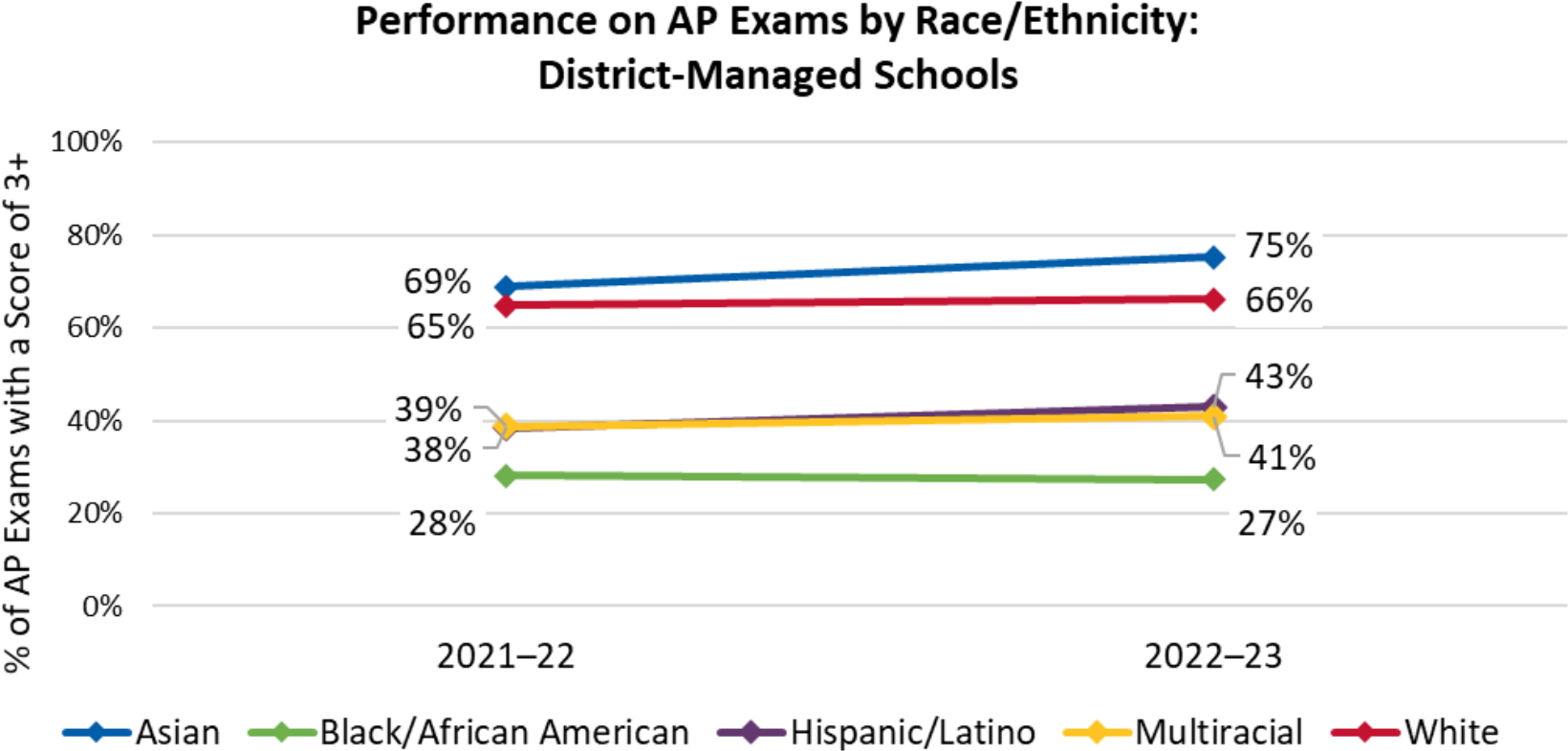


Note: District-managed schools only (charter schools excluded).



# Advanced Coursework: AP Exam Performance by Race/Ethnicity

- AP exam performance improved for all but one racial/ethnic group from 2021–22 to 2022–23.
- Asian students had the highest performance, followed by White students, then Hispanic/Latino and Multiracial students, and trailed by Black/African American students.



Note: District-managed schools only (charter schools excluded). Also, information on Native American and Hawaiian/Pacific Islander students is not shown, as those students constitute less than 0.5% of MSCS high-schoolers.

## Next Steps:

- Two additional local dual credit courses are proposed for the 2024–25 school year.
  - LDC Lifetime Wellness
  - LDC U.S. Government
- Continue to expand access and enrollment in Early Postsecondary Opportunities (EPSOs) (AP, IB, DE, SDC).
- Continue to administer the PSAT 8/9 assessment to identify potential students for advanced academics coursework earlier and strengthen the pipeline of students prepared for college-level courses.
- Continue to leverage the [SEM Advancement Act](#) to ensure equitable access to advanced courses.
- Continue to provide professional development and specialized training, enabling honors/pre-AP/AP/IB teachers to provide high-quality, research-based, cutting-edge classroom learning experiences for students.
- Continue to utilize AP Virtual Academy and AP Access for All to increase the number of AP courses districtwide.

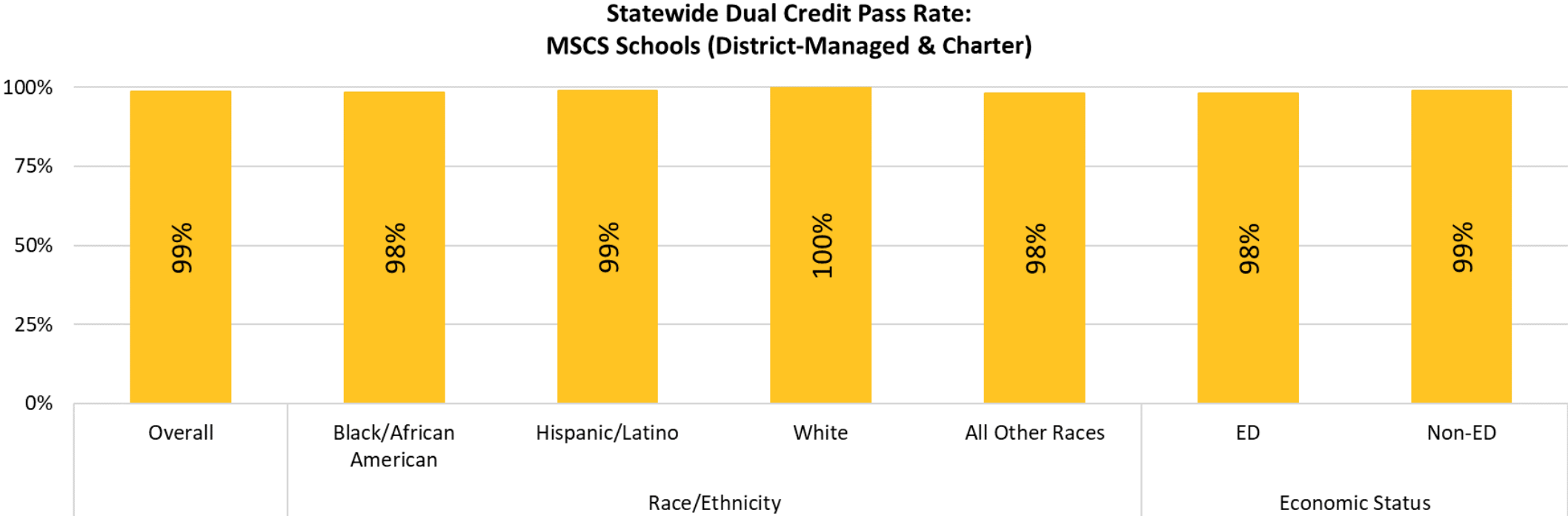


# Appendix



# Advanced Coursework: Statewide Dual Credit Pass Rates

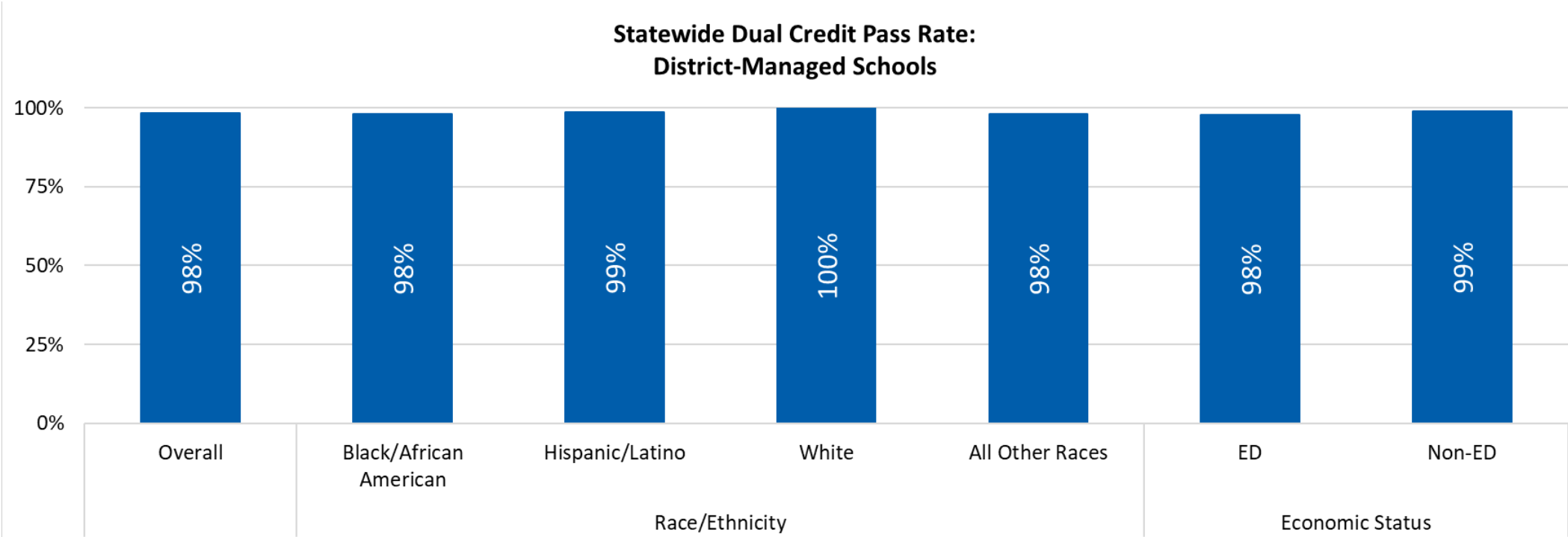
- For MSCS Schools (District-managed & charter) 99% of students who were enrolled in a SDC course passed the course with a D or higher grade.
- The median grade when including charter schools was 88.





# Advanced Coursework: Statewide Dual Credit Pass Rates

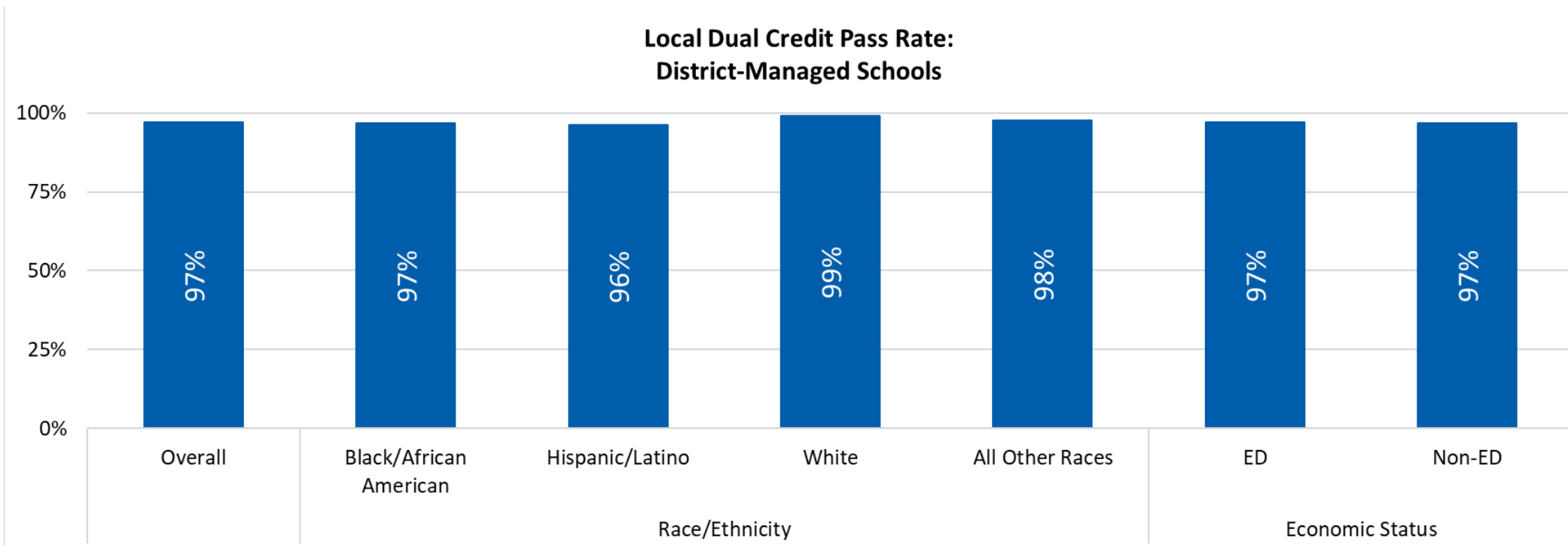
- When excluding charter schools, 98% of students who were enrolled in a SDC course passed the course with a D or higher grade.
- The median grade was 88.





## Advanced Coursework: Local Dual Credit Pass Rates

- 97% of students who were enrolled in a LDC course passed the course with a D or higher grade.
- The median grade was 87.





# School Summary Rates

- **College and Career Readiness Rate:** High schools use the CCR Rate as a measure of student readiness for postsecondary education and careers. Various data sources are used for CCR evaluation, including ACT/SAT and early postsecondary performance data. More information from TDOE can be found [here](#).





## **Presentation Dates**

OPR Review: 2/28

Chief's Meeting: 3/11

Cabinet: TBD

Board: April