

MEMORANDUM

July 31, 2023

TO: F. Mike Miles
Superintendent of Schools

FROM: Allison E. Matney, Ed.D.
Executive Director, Assessment, Accountability, and Compliance

SUBJECT: **PSAT ASSESSMENT REPORT, 2022**

The Preliminary SAT for students in grades eight and nine (PSAT 8/9) and the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT) are national examinations offered by the College Board. These assessments measure progress toward college and career readiness. Houston ISD (HISD) launched the *PSAT for All* initiative in 2003 as way to enroll more students in Advanced Placement courses and prepare them to be successful on the SAT which is required by most colleges. The district-wide initiative enabled all HISD tenth graders to take the PSAT/NMSQT for free. On August 12, 2010, the HISD Board of Education expanded the *PSAT for All* program to include incoming ninth graders for the 2010–2011 school year. Currently, the district supports participation in the PSAT 8/9 and the PSAT/NMSQT by paying for the exams in grades 8 through 11.

This report analyzes the participation and performance of Houston Independent School District (HISD) students who took the fall administration of the PSAT 8/9 and the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT) offered by the College Board.

Houston ISD's Texas Connections Academy at Houston (TCAH) is an online academy that serves the state of Texas. As the PSAT suite of assessments must be administered on-site, participation for this campus is low and significantly impacts district participation numbers.

Key findings include:

- The total number of tested students on the PSAT assessments by grade level has decreased when compared to 2019 and 2021 (exception: 10th grade testers from 2021 to 2022).
- PSAT 8/9 and PSAT/NMSQT district performance by subject and grade level was lower than the performance for the state and the total group (international and national testers) in 2019, 2021, and 2022.
- The inclusion of Texas Connections Academy at Houston (TCAH), a statewide online charter program housed in HISD, masks significant equity gaps in participation rates. Exclusion of these students from participation calculations highlights that African American and Hispanic students are not participating in the PSAT at the same rate as their White and Asian peers.
- Across all assessments, grade levels, and subjects, significant equity gaps exist between PSAT performance and student's race/ethnicity. Specifically, White and Asian students outperform their African American and Hispanic peers.

- Similar to PSAT 8/9 performance, HISD has a larger total score decrease on the PSAT/NMSQT since 2019 than the state and total group.
- Participation and performance differences existed across both assessments as well as across campuses.

Should you have any further questions, please contact Allison Matney in Assessment, Accountability, and Compliance at (713) 556-6700. Further distribution of this report is at your discretion.

AEM

Attachment

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RESEARCH

Educational Program Report

PSAT ASSESSMENT REPORT, 2022-2023



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PSAT Assessment Report, 2022–2023

Executive Summary

Program Description

The Preliminary SAT for students in grades eight and nine (PSAT 8/9) and the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT) are national examinations offered by the College Board. These assessments measure progress toward college and career readiness. Houston ISD (HISD) launched the *PSAT for All* initiative in 2003 as way to enroll more students in Advanced Placement courses and prepare them to be successful on the SAT which is required by most colleges. The district-wide initiative enabled all HISD tenth graders to take the PSAT/NMSQT for free. On August 12, 2010, the HISD Board of Education expanded the *PSAT for All* program to include incoming ninth graders for the 2010–2011 school year. Currently, the district supports participation in the PSAT 8/9 and the PSAT/NMSQT by paying for the exams in grades 8 through 11.

Highlights

- The total number of tested students on the PSAT assessments by grade level has decreased when compared to 2019 and 2021 (exception: 10th grade testers from 2021 to 2022).
- PSAT 8/9 and PSAT/NMSQT district performance by subject and grade level was lower than the performance for the state and the total group (international and national testers) in 2019, 2021, and 2022.
- The inclusion of TCAH, a statewide online charter program housed in HISD, masks significant equity gaps in participation rates. Exclusion of these students from participation calculations highlights that African American and Hispanic students are not participating in the PSAT at the same rate as their White and Asian peers.
- Across all assessments, grade levels, and subjects, significant equity gaps exist between PSAT performance and student's race/ethnicity. Specifically, White and Asian students outperform their African American and Hispanic peers.
- Similar to PSAT 8/9 performance, HISD has a larger total score decrease on the PSAT/NMSQT since 2019 than the state and total group.
- Participation and performance differences existed across both assessments as well as across campuses.

Introduction

The SAT Suite of Assessments is an integrated system of tests that includes the SAT® (for students in grades 11 and 12), the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT® for grades 10 and 11), the PSAT™ 10 (for grade 10), and the PSAT™ 8/9 (for grades 8 and 9). The tests measure the same skills and knowledge in grade-appropriate ways. The PSAT 8/9 establishes a baseline measurement of college and career readiness as students enter high school. The PSAT/NMSQT measures the skills and knowledge that research shows are the most essential for college and career

readiness and success and can qualify eligible students for scholarships through partnership with the National Merit Scholarship Corporation.¹

In 2015–2016, the College Board redesigned the PSAT/NMSQT and introduced the PSAT 8/9 and the PSAT 10. The goal of the redesign was to reflect what is taught in the classroom and assess skills that are the most accurate predictors of college and career readiness and success based on established research and evidence. Each assessment has two section scores, Evidence-Based Reading and Writing (ERW) and Math. The ERW Section Score is comprised of the Reading Test Score and the Writing and Language Test Score. The Math Section Score is comprised of the Math Test Score. The Reading Test measures comprehension and reasoning skills and focuses on close reading of passages in a wide array of subject areas. The Writing and Language Test measures a range of skills including command of evidence, expression of ideas, and the use of Standard English conventions in grammar and punctuation. The Math Test covers a range of math practices, with an emphasis on problem solving, modeling, using tools strategically, and using algebraic structure.

Each section score of the PSAT 8/9 ranges from 120 to 720, with the total score ranging from 240 to 1440.² For the PSAT 10 and the PSAT/NMSQT, each section score ranges from 160 to 760, with the total score ranging from 320 to 1520.^{1,3} The score report includes an indicator for each section, ERW and Mathematics, which shows whether a student's score meets the grade-level benchmark. These benchmarks allow students and educators to understand how students are progressing toward college readiness.

This report analyzes the participation and performance of Houston Independent School District (HISD) students who took the fall 2022 administration of the PSAT 8/9 and the PSAT/NMSQT. All comparisons regarding participation on the tests reflect the newly designed PSAT suite of assessments. In addition, comparisons are made to the state and “total group” which includes all national and international testers.

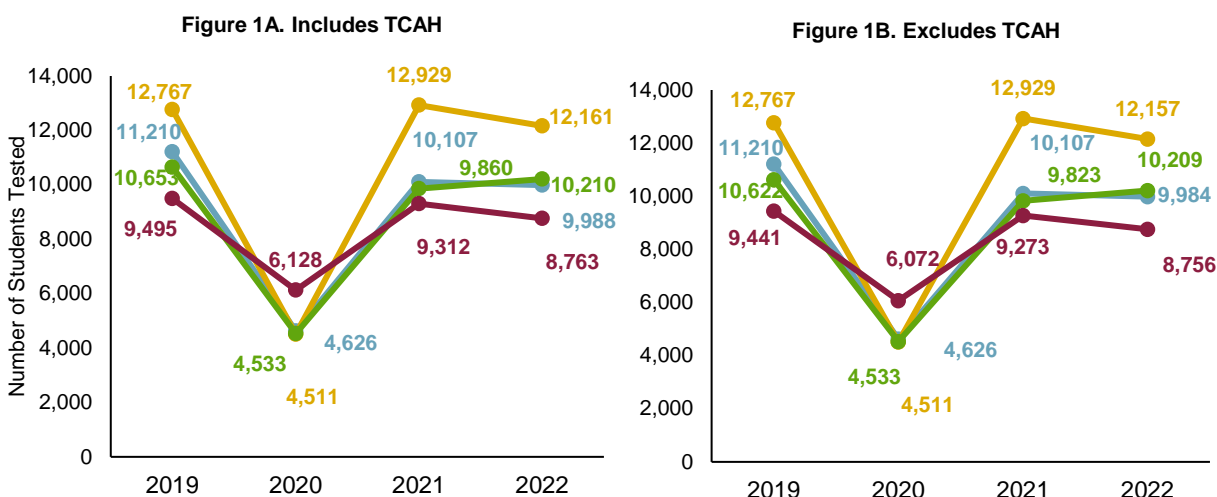
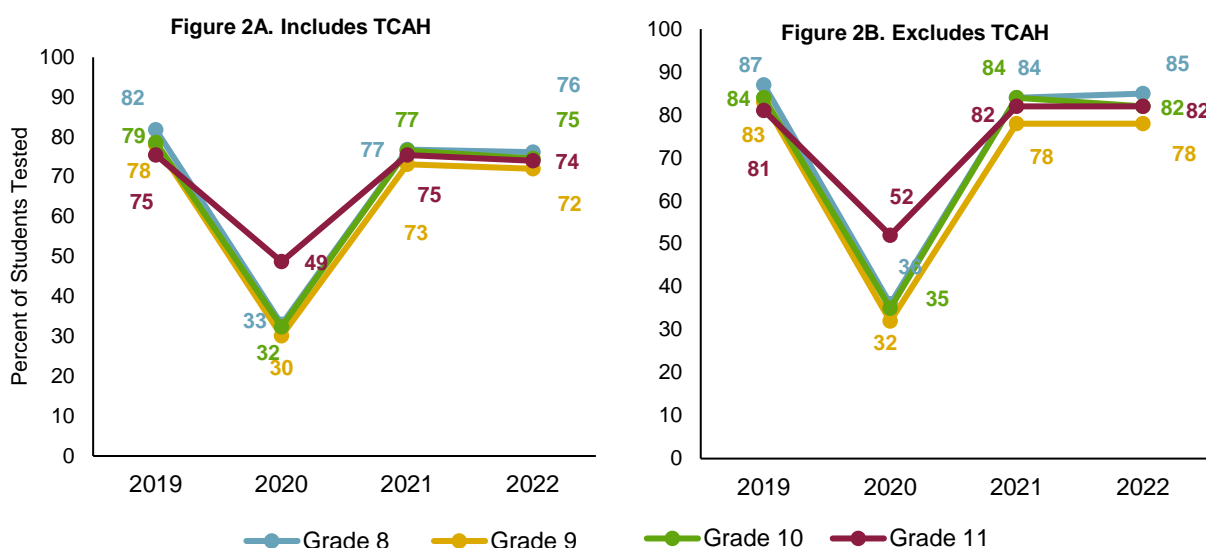
Results

PSAT 8/9 and PSAT/NMSQT Participation

HISD launched the PSAT for All initiative in 2003 to enroll more students in Advanced Placement courses and prepare them to be successful on the SAT. The district-wide initiative enables all HISD tenth graders to take the PSAT/NMSQT for free. Since 2010, the initiative has expanded to include grades 8–11. **Figures 1A and 1B** (p. 3) and **2A and 2B** (p. 3) illustrate district wide PSAT participation from 2019 to 2022. Participation was calculated by dividing the number of PSAT test-takers by the grade level enrollment. Even with expanded testing dates, COVID-19 negatively impacted participation rates across all grade levels on the PSAT Suite of Assessments in 2020. Therefore, 2020 data are not comparable to previous and subsequent years.

Houston ISD's Texas Connections Academy at Houston (TCAH) is an online academy that serves the state of Texas. As the PSAT suite of assessments must be administered on-site, participation for this campus is low and significantly impacts district participation numbers.

- The total number of tested students on the PSAT assessments by grade level has decreased when compared to 2019 and 2021 (exception: 10th grade testers from 2021 to 2022) (Figures 1A and 1B).
- This decrease in overall testers was expected with decreased district enrollment (exception: 10th grade enrollment increased from 2021 to 2022).

Figure 1. PSAT # Participation by Grade, 2019–2022**Figure 2A. PSAT % Participation by Grade, 2019–2022**

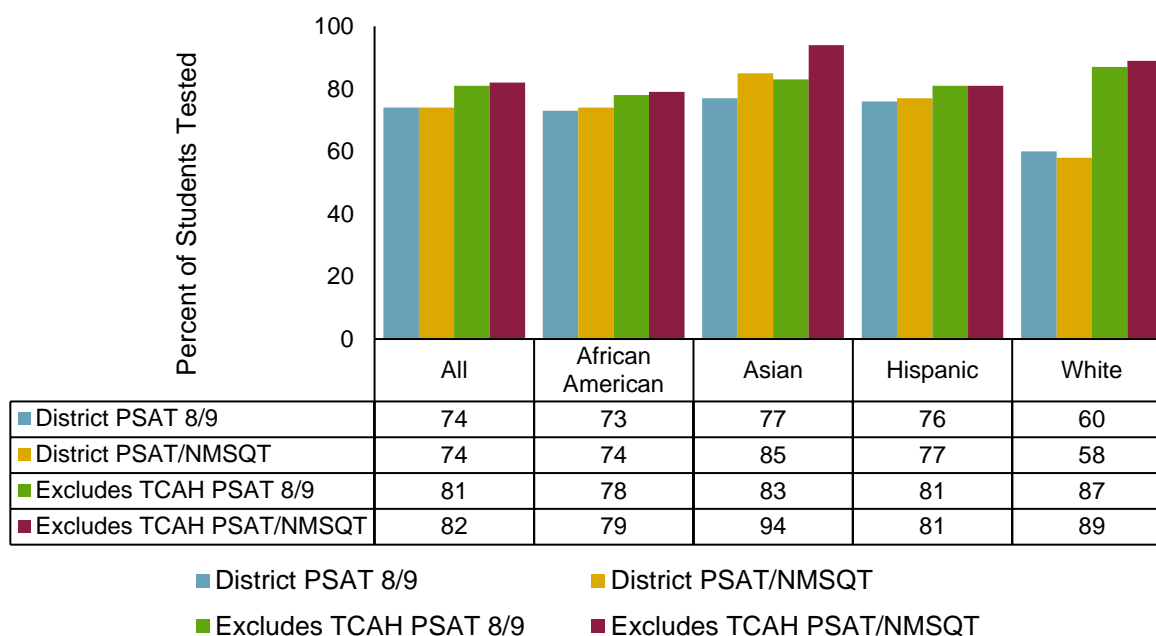
Sources: Figures 1A, 1B, 2A, and 2B College Board PSAT 8/9 data files, various years; College Board PSAT/NMSQT data files, various years; Figures 2A and 2B, fall PEIMS snapshot, 2022

- Participation rates have been decreasing by grade level since 2019 (Figure 2A).
- The declines in participation rates since 2019 mostly diminish when TCAH is excluded from participation rate calculations (Figure 2B). Even with the exclusion of TCAH, grade 9 participation rates decreased five percentage points, although grade 11 showed a 1 percentage point increase.

Figure 3 (p. 4) shows the HISD PSAT participation rate by race/ethnicity. Participation rates were determined by dividing the number of students within each racial/ethnic group who took the PSAT by the number enrolled by grade level within that racial/ethnic group. Participation rates compare the district both with and without TCAH.

- Asian students had the highest participation rates for all PSAT assessments, with the exception of the PSAT 8/9 (excluding TCAH).
- The inclusion of TCAH, a statewide online charter program housed in HISD, masks significant equity gaps in participation rates. Exclusion of these students from participation calculations highlights that African American and Hispanic students are not participating in the PSAT at the same rate as their White and Asian peers. As all HISD students have free access to these PSAT assessments, the root cause of participation inequities should be investigated.

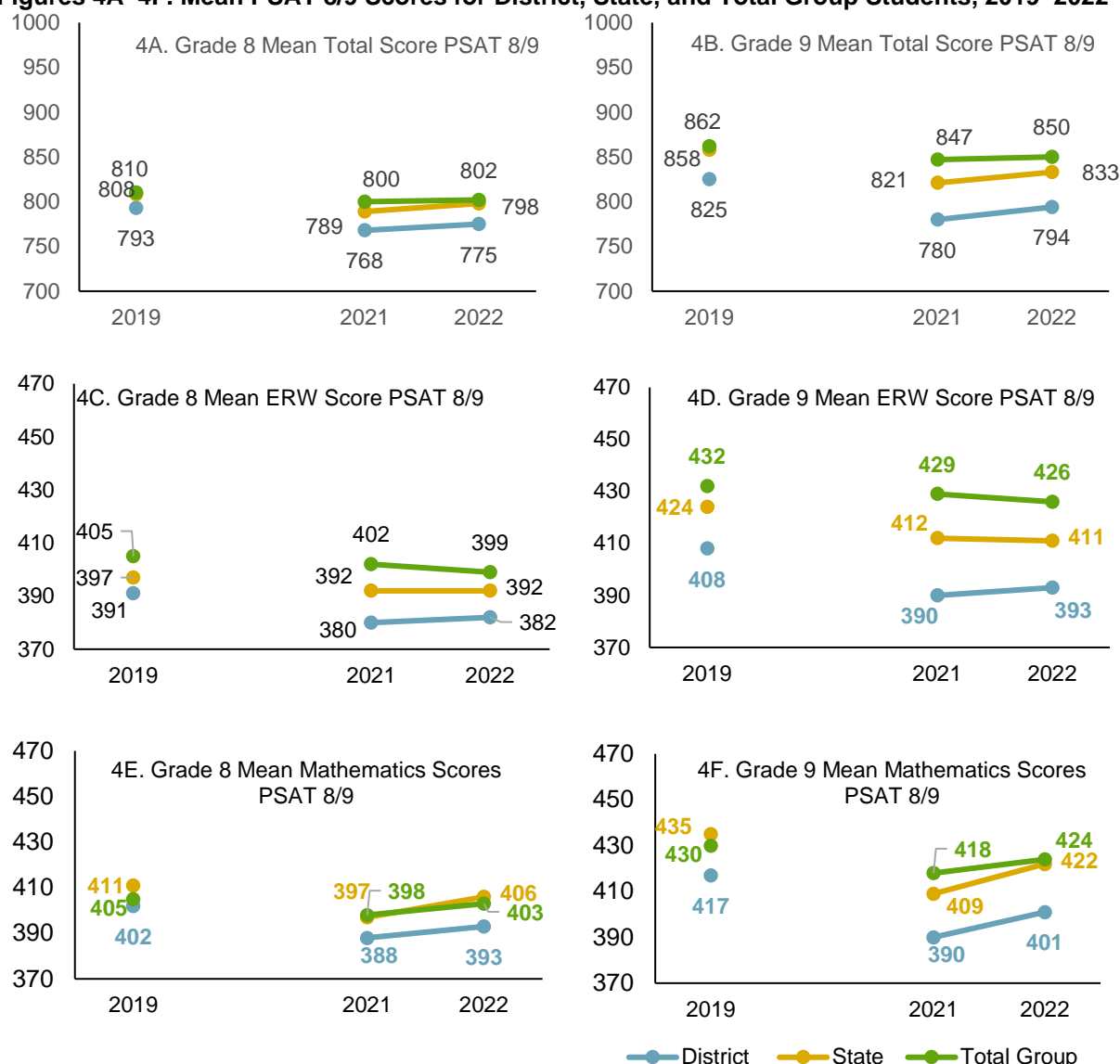
Figure 3. PSAT Participation Rate by Race/Ethnicity, 2022



Sources: College Board PSAT 8/9 data file, 4/20/2023, SIS demographics; College Board PSAT/NMSQT data file, 5/10/2022, Cognos demographics; Fall PEIMS Extract, 2022

PSAT Performance

Figures 4A–4F (p. 5) show the average total, ERW, and math scores, respectively, by grade level on the PSAT 8/9 comparing district, state, and total group (national and international) from 2019 to 2022. Performance for 2020 is omitted from this report due to low participation rates due to COVID-19 and students were required to take the assessment on-site (selection bias).

Figures 4A–4F. Mean PSAT 8/9 Scores for District, State, and Total Group Students, 2019–2022

Sources: District, PSAT 8/9 datafiles, various years; state and total group, College Board PSAT 8/9

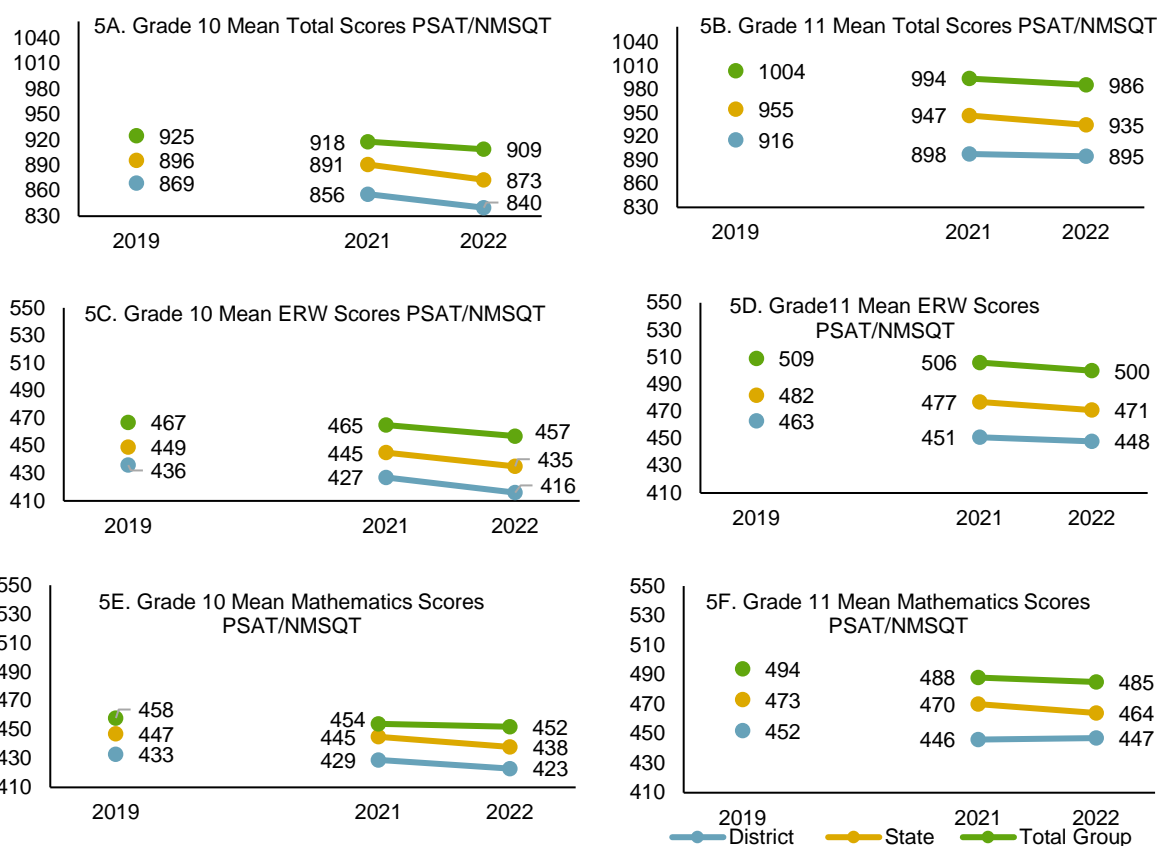
Scores and Benchmarks—8th and 9th grade, various years

Note: ERW=Evidence-based reading and writing; total group includes international test takers. SIS or Chancery demographics were used for all years and may differ from previous reports.

- In 2022, PSAT 8/9 mean total and mathematics scaled scores increased for grades eight and nine at the district, state, and total group compared to 2021 (Figures 4A, 4B, 4E, and 4F), although HISD performance is below the state and total group.
- Even with the large increase in performance over the past year, HISD has comparatively greater losses since 2019 across subject and grade level than the state and total group. This drop is particularly highlighted in grade 9 where average total PSAT 8/9 performance remains 32 points below pre-pandemic levels.

Figures 5A–5F show the average total, ERW, and math scores, respectively, by grade level on the PSAT/NMSQT comparing district, state, and total group (national and international) results for 2019, 2021, and 2022. Results for 2020 are omitted from this report because the PSAT 10 was administered to tenth grade students rather than the PSAT/NMSQT in 2020, and participation rates were low, limiting longitudinal comparisons.

Figures 5A–5F. Mean PSAT/NMSQT Scores for District, State, and Total Group Students, 2019, 2021, & 2022



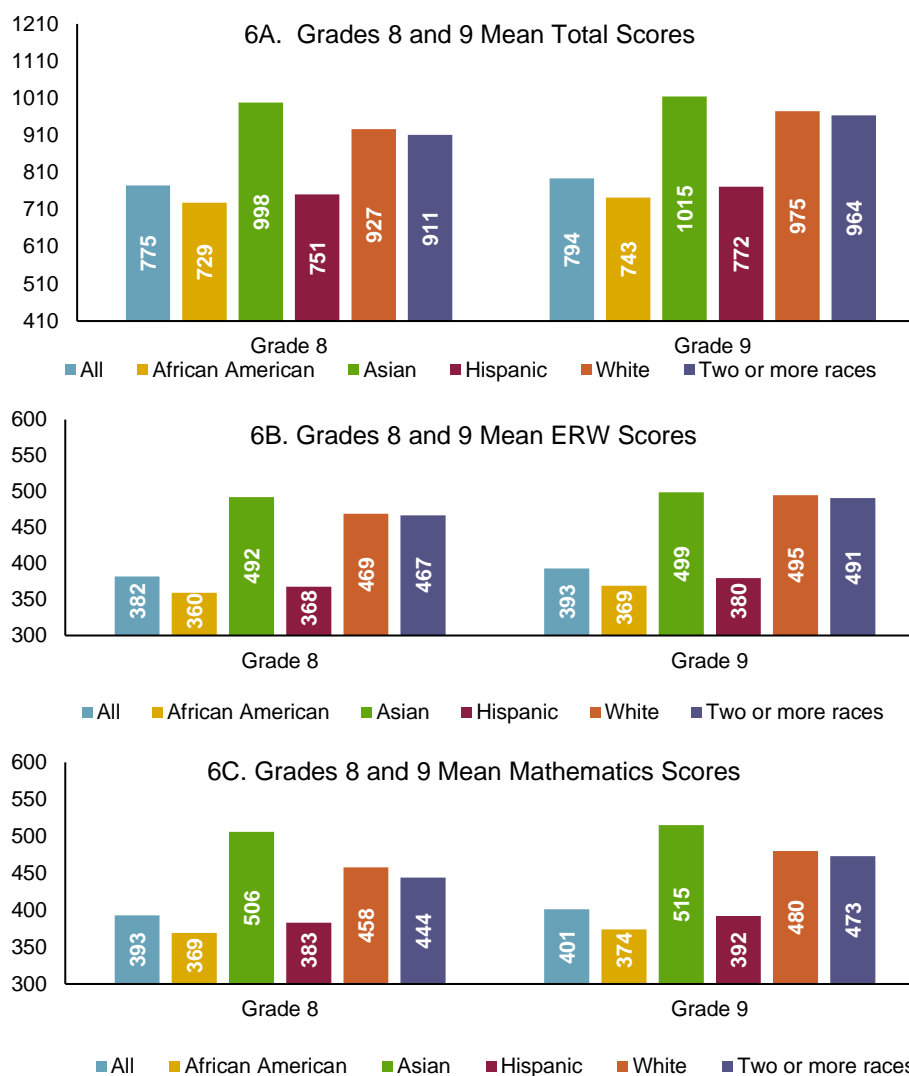
Sources: District, College Board PSAT/NMSQT data files, various years; state and total group, College Board PSAT/NMSQT Scores and Benchmarks–10th and 11th grade, various years.

Note: ERW=Evidence-based reading and writing; total group includes international test takers. SIS or Chancery demographics were used for all years and may differ from previous reports.

- Excluding the 11th grade average district math score from 2021 to 2022, there have been decreases at the district, state, and total group level for both ERW, mathematics, and total scores since 2019 and 2021 on the PSAT/NMSQT (Figures 5A–5F).
- Similar to PSAT 8/9 performance, HISD has a larger total score decrease on the PSAT/NMSQT since 2019 than the state and total group (Figures 5A–5B).
- PSAT 8/9 and PSAT/NMSQT district performance by subject and grade level was lower than the performance for the state and total group in 2019, 2021, and 2022 (Figures 4C–4F and 5C–5F).

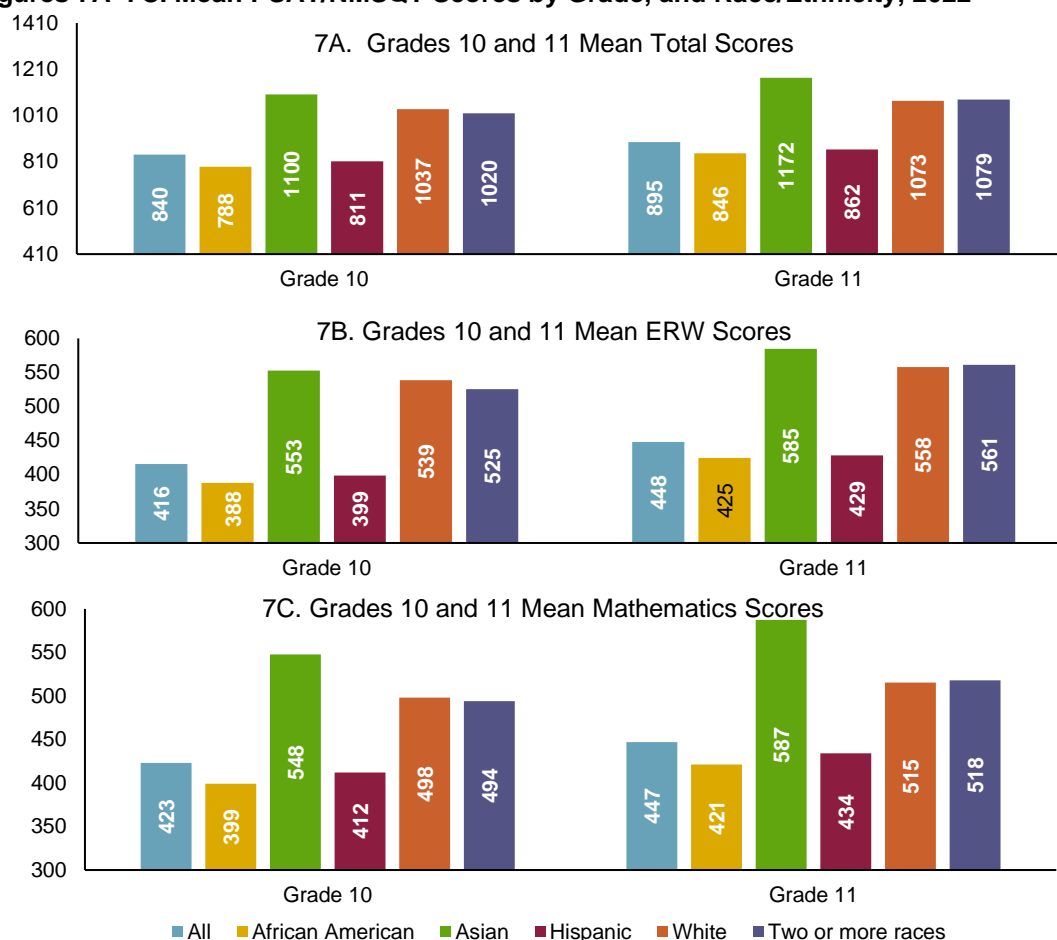
Figures 6A–6C show the district's average PSAT 8/9 total, ERW, and mathematics scores, respectively, by grade level and race/ethnicity for 2022. The same is shown for average PSAT/NMSQT in **Figures 7A–7C** (p. 8). Across all assessments, grade levels, and subjects, significant equity gaps exist between average PSAT scores and student's race/ethnicity. Specifically, White and Asian students have higher average PSAT scores than their African American and Hispanic peers.

Figures 6A–6C. Mean PSAT 8/9 Scores by Subject, Grade, and Race/Ethnicity, 2022



Sources: District, PSAT 8/9 datafile, 4/20/2023; PEIMS Fall Snapshot, 2022 and Cognos Demographics

Note: ERW=Evidence-based reading and writing; Section scores may not add up to total score due to rounding. PEIMS Fall Snapshot and Cognos campus, grade level, and ethnicity were used.

Figures 7A–7C. Mean PSAT/NMSQT Scores by Grade, and Race/Ethnicity, 2022

Sources: College Board PSAT/NMSQT data file, 4/20/2023, PEIMS Fall Snapshot, 2022 and Cognos Demographics

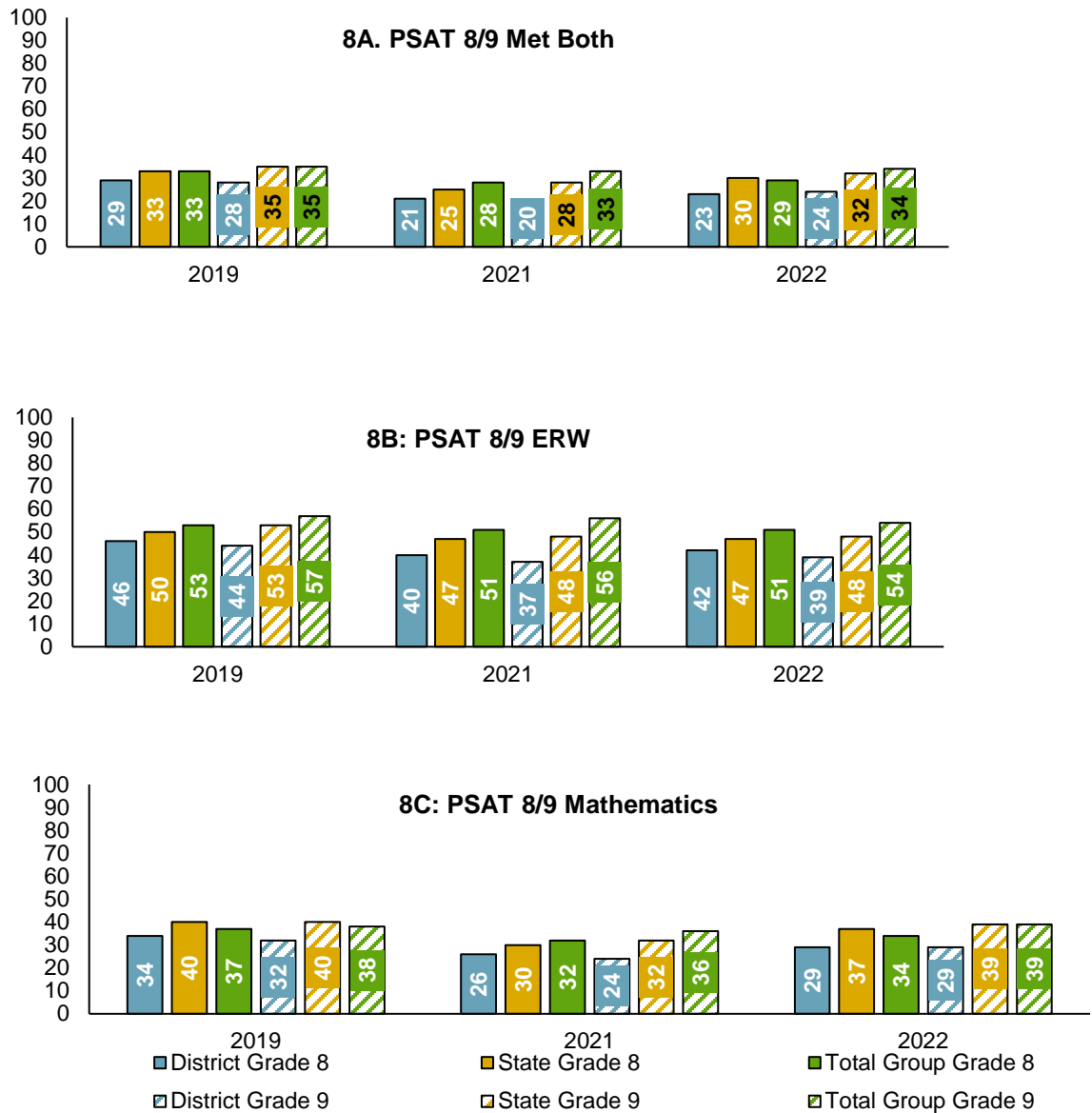
Note: ERW=Evidence-based reading and writing; Section scores may not add up to total score due to rounding. PEIMS Fall Snapshot and Cognos campus, grade level, and ethnicity were used.

PSAT College and Career Readiness (CCR) Benchmarks

The College Board sets benchmark scores to predict students' chance of success in college and career readiness. According to the College Board,⁴ the SAT mathematics benchmark is associated with a 75 percent chance of earning at least a C in first-semester, college-level courses in algebra, statistics, precalculus, or calculus. The SAT ERW benchmark is associated with a 75 percent chance of earning at least a C in first-semester, college-level courses in history, literature, social science, or writing. Score reports for the PSAT/NMSQT, PSAT 10, and PSAT 8/9 include grade-level benchmarks based on how students grow from year to year toward the SAT benchmarks.

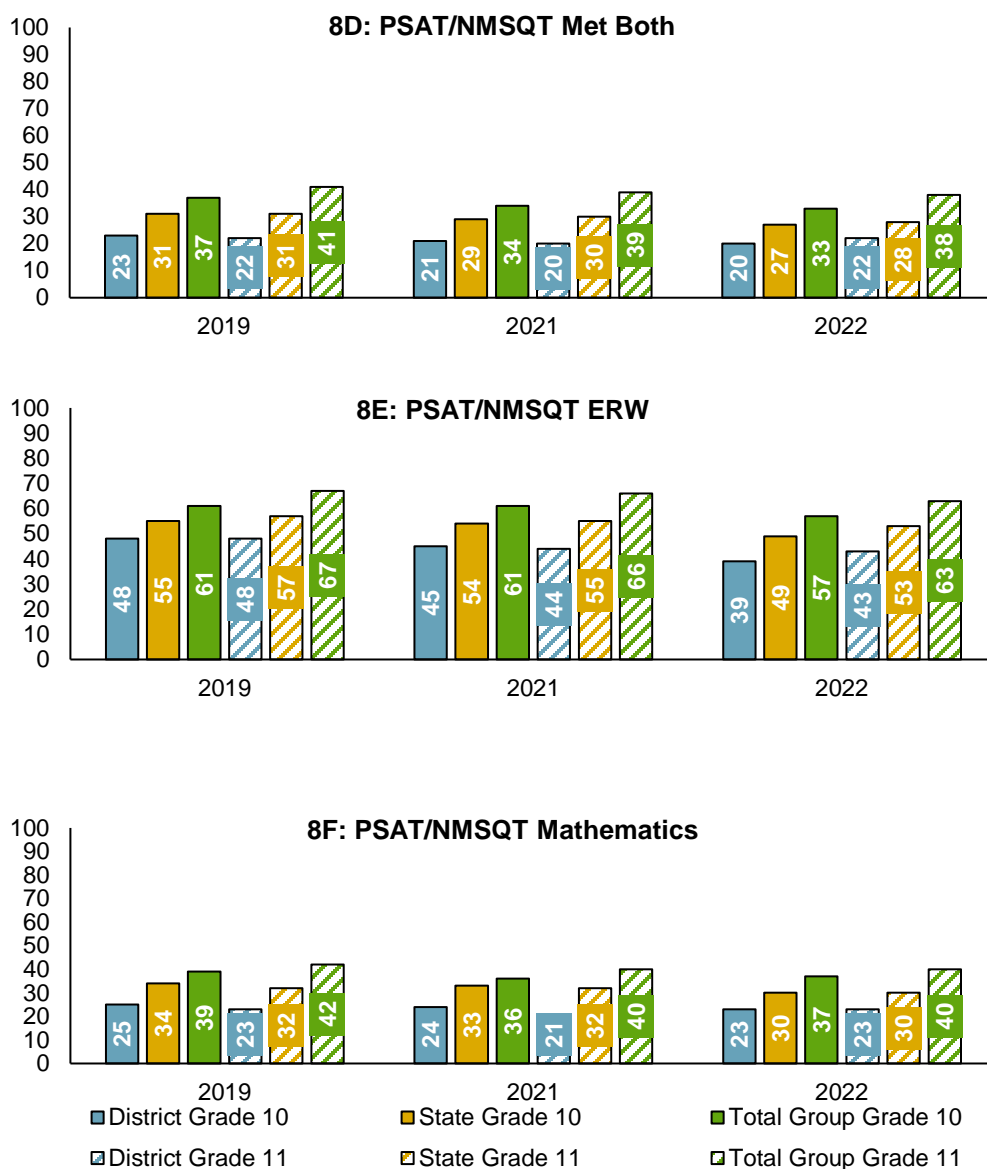
Figures 8A–8F (pp. 9–10) show the percentage of students from the district, state, and total group who met college and career readiness (CCR) benchmarks in ERW, mathematics, and both on the PSAT assessments from 2019, 2021, and 2022. From 2019, 2021, and 2022, a higher percentage of HISD students who took the PSAT 8/9 and PSAT/NMSQT met the CCR benchmark for ERW compared to mathematics. A similar trend is evident for both the state and total group (Figures 8B–8C, p. 9 and Figures 8E–8F, p. 10).

Figures 8A–8C. Percentage of District, State, and Total Group Students Meeting PSAT 8/9 CCR Benchmarks, 2019, 2021, & 2022



Sources: District, College Board PSAT 8/9 data files, various years; state and total group, PSAT8/9 Scores and Benchmarks–8th grade and 9th grade, various years;

Note: ERW=Evidence-based reading and writing; total group includes international test takers.

Figures 8D–8F. Percentage of District, State, and Total Group Students Meeting PSAT/NMSQT CCR Benchmarks, 2019, 2021, and 2022

Sources: District, College Board PSAT/NMSQT data files, various years; state and total group, Scores and Benchmarks–10th grade and 11th grade, various years

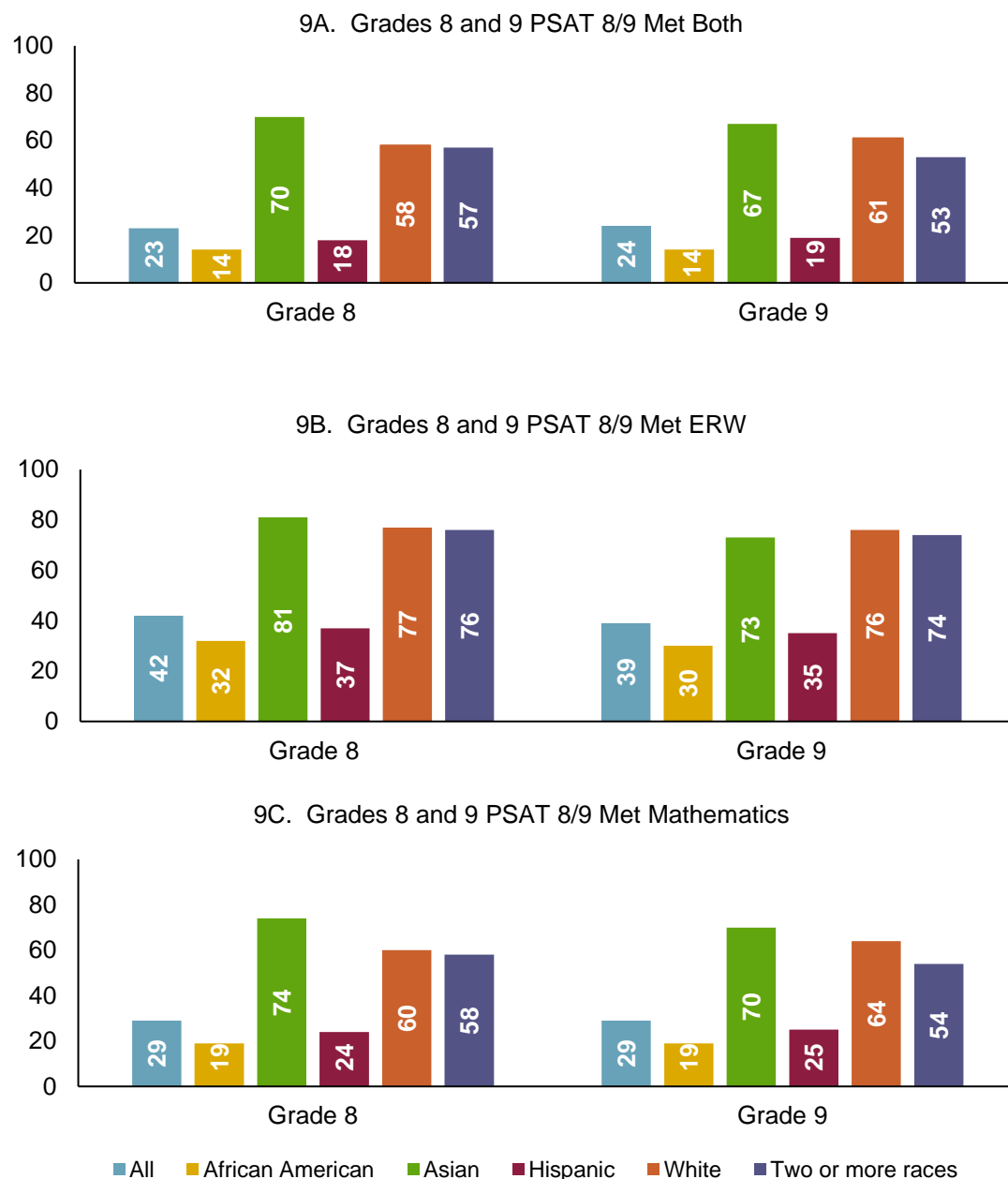
Note: ERW=Evidence-based reading and writing; total group includes international test takers.

During the COVID-19 pandemic in 2020, students were required to test on campus resulting in low participation rates. In addition, there was a change in district policy that directed all tenth-grade students to take the PSAT 10, rather than the PSAT/NMSQT. According to the College Board, the PSAT 10 and the PSAT/NMSQT are the same test but given at separate times of the year (fall vs. spring). For these reasons, results are not compared to previous or subsequent years.

Figures 9A–9F (pp. 11–12) show the percentage of students who met the CCR benchmarks on the PSAT 8/9 and the PSAT/NMSQT by subject, grade level, and race/ethnicity. Results mirror that which was seen

with average PSAT scores. Significant equity gaps exist between students meeting CCR Benchmarks and student's race/ethnicity across all assessments, grade levels, and subjects. Specifically, a higher percentage of White and Asian students met CCR benchmarks compared to their African American and Hispanic peers.

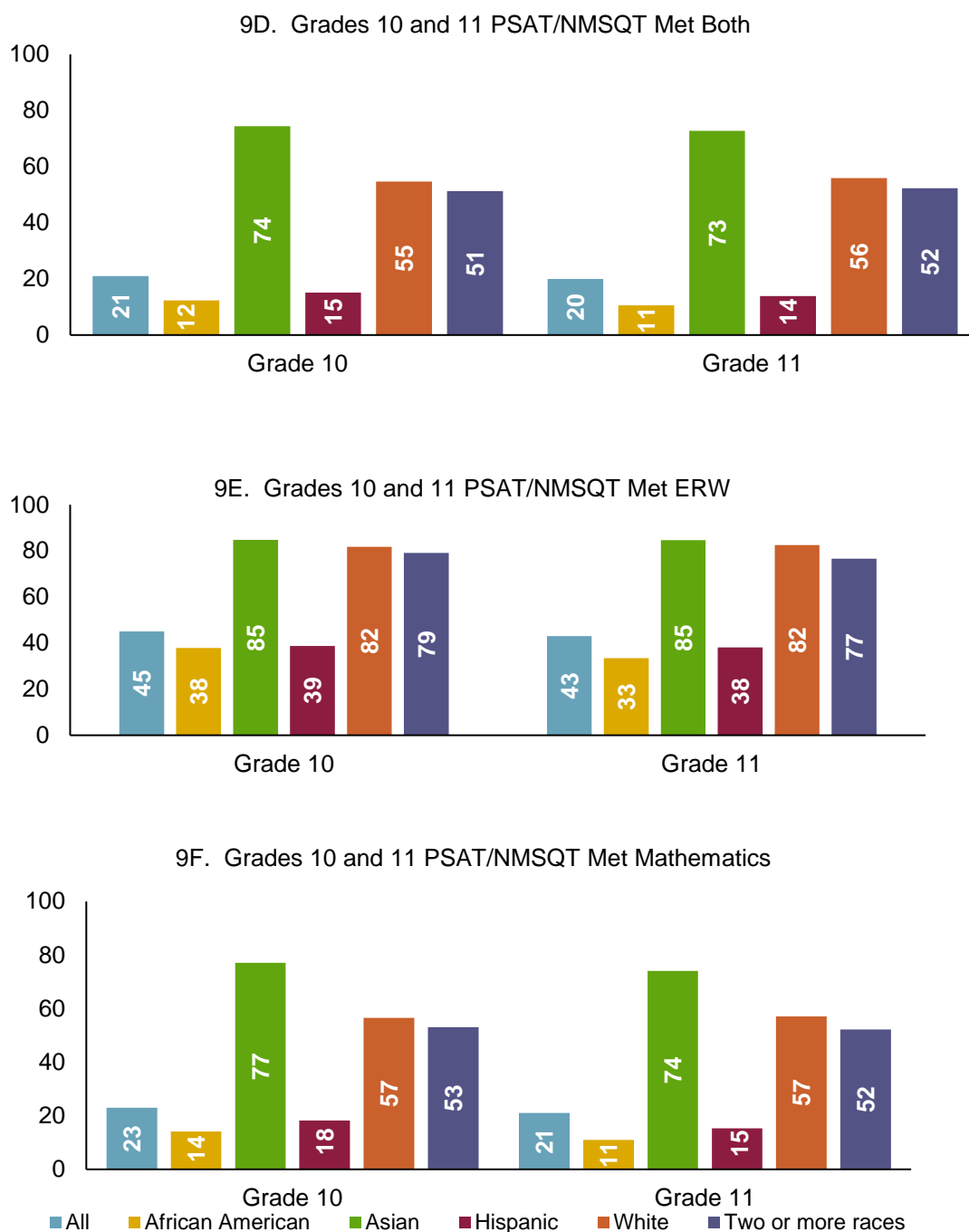
Figures 9A–9C. Percentage of 8th and 9th Grade Students Meeting CCR Benchmarks on PSAT 8/9 by Grade Level and Race/Ethnicity, 2022



Sources: PSAT 8/9 data file, 4/20/2023, Fall PEIMS Snapshot, 2022 and Cognos PWR race/ethnicity and grade level

Note: ERW=Evidence-based reading and writing; Fall PEIMS Snapshot and Cognos PWR race/ethnicity were used because of the significant percentage of No Responses in the PSAT data files.

Figures 9D–9E. Percentage of Students Meeting CCR Benchmarks on PSAT/NMSQT by Grade Level and Race/Ethnicity, 2022



Sources: College Board PSAT/NMSQT data file, 4/20/2023; Fall PEIMS Snapshot, 2022 and Cognos race/ethnicity and grade level

Note: ERW=Evidence-based reading and writing; Fall PEIMS Snapshot, 2022 and Cognos race/ethnicity were used because of the significant percentage of No Responses in the PSAT data file.

PSAT Participation and Performance by Campus

Appendices A–D (pp. 16–19) show the number and percentage of students tested, average scores, and the number and percentage of students meeting the ERW, mathematics, and both CCR benchmarks by campus, assessment, and grade level tested. Participation and performance differences existed across both assessments as well as across campuses. Below are key findings shown at the campus level.

PSAT 8/9 (Appendix A, Grade 8)

- There were nine schools with perfect participation on the PSAT 8/9. These included: Briarmeadow, Mandarin Immersion Magnet, Baker Montessori, Chrysalis Middle School, Garden Oaks Middle School, YWCPA, BCM Biotech Academy at Rusk, Energized Middle School, and Energized for STEM Academy Middle School.
- T.H. Rogers School had the highest average total score at 1103 as well as having the highest percentage of eighth grade students who met both the ERW and mathematics CCR benchmarks at 90.5 percent.
- There were 19 middle school campuses with less than 10 percent of their eighth-grade students meeting both CCR benchmarks.

PSAT 8/9 (Appendix B, Grade 9)

- Carnegie High School had the highest average total score at 1140 and the highest percentage of students who met both ERW and mathematics CCR benchmarks at 92.4 percent, followed by DeBakey High School and Kinder HSPVA.
- There were 16 campuses with less than 10 percent of their ninth grade students meeting both CCR benchmarks.

PSAT/NMSQT (Appendix C, Grade 10)

- Carnegie High School had the highest average total score at 1161 and the highest percentage of students who met both the ERW and mathematics CCR benchmarks at 86.6 percent, followed by DeBakey High School. Both high schools tested at least 99.0 percent of their tenth-grade students.
- There were 21 campuses with less than 10 percent of their tenth grade students meeting both CCR benchmarks.

PSAT/NMSQT (Appendix D, Grade 11)

- Texas Connections Academy at Houston had the highest average total score at 1281 but tested the fewest number of students at seven.
- Middle College High School–Gulfton tested 68.6 percent of their eleventh-grade students and none of them met both CCR benchmarks.
- Carnegie High School had the second highest average total score at 1235 and the highest percentage of students who met both CCR benchmarks at 86.8 percent, followed by DeBakey High School with an average total score at 1197 and 84.8 percent of students who met both CCR benchmarks.
- There were 22 campuses with less than 10 percent of their eleventh-grade students meeting both CCR benchmarks.

Conclusion

HISD launched the *PSAT for All* initiative in 2003 as way to enroll more students in Advanced Placement courses and prepare them to be successful on the SAT which is required by most colleges. The district-wide initiative enabled all HISD tenth graders to take the PSAT/NMSQT for free. On August 12, 2010, the HISD Board of Education expanded the *PSAT for All* program to include incoming ninth graders for the 2010–2011 school year. Currently, the district supports participation in the PSAT 8/9 and the PSAT/NMSQT by paying for the exams in grades 8 through 11.

Participation rates on the PSAT assessments have been decreasing since 2019. This decline may be attributed, in part, by the low participation rates of Texas Connections Academy at Houston (TCAH). If TCAH is excluded, participation rates in 2022 experienced the largest decline in grade 9 and an increase in grade 11. Factors contributing to the decline in participation include 3 campuses that have closed since 2019, campus level participation or non-participation, and declining enrollment.

An analysis of performance on the PSAT 8/9 and the PSAT/NMSQT revealed that mean subject and total scores for the district were lower than those for Texas and worldwide at all grade levels. Additionally, PSAT/NMSQT mean total scores and scores by subject and grade level decreased districtwide, statewide, and worldwide when comparing 2019, 2021 and 2022. While participation rates are slowing recovering to pre-pandemic levels for most grade levels, performance has not. Across all assessments, grade levels, and subjects, significant equity gaps exist between average PSAT performance and student's race/ethnicity. Specifically, White and Asian students outperform their African American and Hispanic peers.

Mean mathematics scores were higher than ERW scores for HISD grades eight and ten, but mathematics scores were still lower than their state and total group counterparts. Conversely, mean ERW scores were higher than mean mathematics scores for HISD grade eleven students, but ERW scores were still lower than their state and total group counterparts. Students at all grade levels were less likely to meet CCR benchmarks compared to their state and total group counterparts. However, a higher percentage of HISD students met the CCR benchmark in ERW compared to mathematics. This is true for the state and the total group for 2019, 2021, and 2022.

Participation and performance differences existed across race/ethnicity in both assessments as well as across campuses. The district should take steps to increase participation in the PSAT Suite of Assessments on campuses with less than 75 percent of students tested so that students are exposed to college readiness exams. African American and Hispanic students are not participating in or performing on the PSAT at the same rate as their White and Asian peers. As all HISD students have free access to these PSAT assessments, the root cause of participation and performance inequities should be investigated. Additionally, more support is needed at campuses that had fewer than 10 percent of their students meeting both CCR benchmarks so that they may reach their full potential.

¹ The College Board (2023). PSAT/NMSQT: Understanding Scores 2022–23. Downloaded on May 31, 2023, from <https://collegereadiness.collegeboard.org/pdf/psat-nmsqt-understanding-scores.pdf>

² The College Board (2023). PSAT 8/9: Understanding Scores 2022–2023. Downloaded on May 31, 2023 from <https://collegereadiness.collegeboard.org/pdf/psat-8-9-understanding-scores.pdf>

³ The College Board (2023). PSAT 10: Understanding Scores 2021. Downloaded on May 31, 2023 from <https://collegereadiness.collegeboard.org/pdf/psat-10-understanding-scores.pdf>

⁴ The College Board (2021). SAT Suite of Assessments: Benchmarks. Downloaded on May 31, 2023 from <https://collegereadiness.collegeboard.org/about/scores/benchmarks>

⁶ The College Board (2021). Comparison: PSAT/NMSQT and PSAT 10. Downloaded on May 31, 2023 from <https://collegereadiness.collegeboard.org/psat-nmsqt-psat-10/taking-the-tests/compare-psat-nmsqt-psat-10>

Appendix A

2022 Participation and Performance on the PSAT 8/9, Grade 8

Table 1A. PSAT 8/9 Grade 8 Participation Rates, Mean Total Scores, and Number and Percent Met CCR Benchmarks, 2022 (Sorted by Mean Total Score)

Campus	PEIMS Grade 8	# Tested	% Tested	Mean Total	Mean ERW	Mean Mathematics	# Met ERW	% Met ERW	# Met Mathematics	% Met Mathematics	# Met Both	% Met Both
Rogers T H	166	158	95.2	1103	554	549	154	97.5	145	91.8	143	90.5
Briar Meadow	40	40	100.0	994	483	511	36	90.0	39	97.5	36	90.0
Pin Oak MS	391	370	94.6	971	488	484	324	87.6	272	73.5	262	70.8
Lanier MS	480	452	94.2	951	481	470	366	81.0	275	60.8	264	58.4
Mandarin Immersion Magnet TCAH	52	52	100.0	944	477	467	45	86.5	39	75.0	37	71.2
Baker Montessori	1,312	4	0.3	*	*	*	*	*	*	*	*	*
Wharton K-8	28	28	100.0	882	443	440	19	67.9	14	50.0	12	42.9
Chrysalis MS	38	37	97.4	875	432	444	29	78.4	23	62.2	19	51.4
Hogg MS	97	97	100.0	864	435	429	73	75.3	54	55.7	51	52.6
Garden Oaks	333	311	93.4	846	426	420	203	65.3	126	40.5	116	37.3
YWCPA	49	49	100.0	840	422	418	32	65.3	15	30.6	15	30.6
Baylor College MS	72	72	100.0	836	433	403	54	75.0	21	29.2	19	26.4
BCM Biotech Acad at Rusk	158	150	94.9	833	418	415	92	61.3	56	37.3	47	31.3
Rice School PK-8	115	115	100.0	823	417	405	73	63.5	41	35.7	38	33.0
Pershing MS	150	130	86.7	821	422	400	81	62.3	44	33.8	37	28.5
Black MS	520	469	90.2	819	413	406	264	56.3	167	35.6	138	29.4
West Briar MS	478	445	93.1	816	402	414	236	53.0	177	39.8	150	33.7
Tanglewood MS	387	342	88.4	814	407	407	195	57.0	116	33.9	101	29.5
Hamilton MS	282	236	83.7	807	405	402	122	51.7	73	30.9	59	25.0
Meyerland MS	301	293	97.3	803	405	399	151	51.5	92	31.4	73	24.9
Leland YMCPA	399	362	90.7	787	397	390	184	50.8	92	25.4	77	21.3
Stevenson MS	56	50	89.3	781	397	384	25	50.0	14	28.0	12	24.0
Sharpstown Intl	410	391	95.4	776	378	397	153	39.1	115	29.4	84	21.5
Burbank MS	171	159	93.0	772	381	392	74	46.5	43	27.0	30	18.9
Pilgrim Acad	468	434	92.7	769	375	394	167	38.5	142	32.7	106	24.4
Fonville MS	108	105	97.2	759	365	394	36	34.3	31	29.5	19	18.1
Revere MS	225	91	40.4	750	365	385	30	33.0	19	20.9	8	8.8
Energized MS	399	251	62.9	740	364	376	73	29.1	43	17.1	30	12.0
Thomas MS	185	185	100.0	734	356	378	61	33.0	38	20.5	28	15.1
Holland MS	175	124	70.9	728	354	374	29	23.4	22	17.7	10	8.1
Gregory-Lincoln PK-8	209	185	88.5	727	352	375	37	20.0	29	15.7	14	7.6
Clifton MS	83	80	96.4	725	355	370	28	35.0	12	15.0	9	11.3
Edison MS	187	170	90.9	722	354	368	46	27.1	30	17.6	21	12.4
Forest Brook MS	142	119	83.8	722	349	373	23	19.3	16	13.4	9	7.6
Navarro MS	216	162	75.0	721	348	373	38	23.5	33	20.4	20	12.3
Fleming MS	181	127	70.2	721	349	373	36	28.3	19	15.0	11	8.7
Hartman MS	133	109	82.0	720	348	372	18	16.5	12	11.0	4	3.7
Lawson MS	316	276	87.3	720	350	369	71	25.7	54	19.6	29	10.5
Ortiz MS	450	375	83.3	711	343	368	92	24.5	81	21.6	53	14.1
Cullen MS	321	290	90.3	711	341	371	69	23.8	53	18.3	34	11.7
McReynolds MS	106	75	70.8	702	341	361	20	26.7	13	17.3	7	9.3
Reagan Ed Ctr PK-8	158	131	82.9	702	340	362	25	19.1	17	13.0	9	6.9
Energized for STEM Academy MS	102	90	88.2	701	343	359	21	23.3	13	14.4	10	11.1
Attucks MS	114	119	104.4	700	334	366	24	20.2	21	17.6	7	5.9
Deady MS	149	126	84.6	687	327	360	29	23.0	22	17.5	11	8.7
Marshall MS	209	174	83.3	680	331	349	32	18.4	16	9.2	7	4.0
Henry MS	199	169	84.9	679	334	345	34	20.1	16	9.5	8	4.7
Williams MS	237	204	86.1	669	324	345	29	14.2	17	8.3	7	3.4
Fondren MS	149	134	89.9	663	321	342	19	14.2	4	3.0	2	1.5
Long Acad	291	239	82.1	661	319	342	46	19.2	27	11.3	17	7.1
Sugar Grove MS	238	212	89.1	655	315	340	26	12.3	18	8.5	6	2.8
Key MS	274	235	85.8	632	294	338	21	8.9	18	7.7	5	2.1
High School Ahead Acad MS	190	160	84.2	629	292	337	9	5.6	13	8.1	5	3.1
Las Americas MS	33	25	75.8	620	282	337	1	4.0	2	8.0	1	4.0
Welch MS	104	0	0.0	--	--	--	--	--	--	--	--	--
Secondary DAEP	245	0	0.0	--	--	--	--	--	--	--	--	--
Community Services	18	0	0.0	--	--	--	--	--	--	--	--	--
JJAP	2	0	0.0	--	--	--	--	--	--	--	--	--
JJAP	3	0	0.0	--	--	--	--	--	--	--	--	--
District Total, Grade 8	13,104	9,988	76.2	775	382	393	4,178	41.8	2,907	29.1	2,327	23.3
District Total, Grade 8, Excludes TCAH	11,792	9,984	84.7	775	382	393	4,175	41.8	2,904	29.1	2,327	23.3

“-” indicates no students tested

*No scores reported for less than five students.

Sources: College Board PSAT 8/9 data file, 4/20/2023; Fall PEIMS Snapshot, 2022

Note: Due to mobility, campuses may have participation rates exceeding 100 percent. Highlighted cells: red (≤ 10.0), orange (10.1–26.0), yellow (26.1–50.0), green (> 50.0).

Appendix B

2022 Participation and Performance on the PSAT 8/9, Grade 9

Table 1B. PSAT 8/9 Grade 9 Participation Rates, Mean Total Scores, and Number and Percent Met CCR Benchmarks, 2022 (Sorted by Mean Total Score)

Campus	PEIMS Grade 9	# Tested	% Tested	Mean Total	Mean ERW	Mean Mathematics	# Met ERW	% Met ERW	# Met Mathematics	% Met Mathematics	# Met Both	% Met Both
Carnegie HS	216	210	97.2	1140	570	570	205	97.6	196	93.3	194	92.4
DeBakey HS	310	304	98.1	1052	525	527	276	90.8	254	83.6	247	81.3
Kinder HSPVA	198	196	99.0	1036	536	500	182	92.9	145	74.0	145	74.0
Energy Inst HS	157	150	95.5	960	478	482	117	78.0	95	63.3	85	56.7
Bellaire HS	1,047	720	68.8	933	469	465	468	65.0	384	53.3	352	48.9
Eastwood Acad HS	95	92	96.8	931	470	460	75	81.5	60	65.2	55	59.8
North Houston EC HS	128	121	94.5	930	455	475	90	74.4	80	66.1	70	57.9
Challenge EC HS	122	122	100.0	921	471	450	97	79.5	61	50.0	53	43.4
HAIS HS	122	121	99.2	894	461	433	93	76.9	53	43.8	49	40.5
Lamar HS	870	751	86.3	881	444	437	481	64.0	359	47.8	320	42.6
YWCPA	74	74	100.0	870	444	426	51	68.9	28	37.8	26	35.1
East EC HS	124	122	98.4	867	418	448	72	59.0	68	55.7	52	42.6
Sharpstown Intl	183	175	95.6	859	426	433	108	61.7	77	44.0	65	37.1
TCAH	1,289	4	0.3	*	*	*	*	*	*	*	*	*
Heights HS	718	630	87.7	842	424	418	344	54.6	225	35.7	191	30.3
South EC HS	103	99	96.1	839	421	418	56	56.6	37	37.4	29	29.3
HSLJ	122	118	96.7	834	423	411	71	60.2	43	36.4	40	33.9
Middle College HS - Fraga	29	24	82.8	816	394	422	11	45.8	12	50.0	8	33.3
Westside HS	868	753	86.8	813	409	404	349	46.3	241	32.0	205	27.2
Leland YMCPA	46	42	91.3	792	385	408	16	38.1	9	21.4	7	16.7
Energized for STEM Acadmey HS	186	177	95.2	773	375	397	53	29.9	38	21.5	31	17.5
Milby HS	594	545	91.8	767	374	393	157	28.8	130	23.9	86	15.8
Mount Carmel Acad HS	79	75	94.9	764	382	383	21	28.0	13	17.3	8	10.7
Westbury HS	691	512	74.1	764	372	391	141	27.5	97	18.9	61	11.9
Northside HS	365	274	75.1	762	374	389	74	27.0	57	20.8	36	13.1
Waltrip HS	496	415	83.7	760	375	385	129	31.1	86	20.7	60	14.5
Jones HS	89	84	94.4	759	359	399	24	28.6	22	26.2	11	13.1
Furr HS	342	261	76.3	740	360	380	52	19.9	36	13.8	20	7.7
Chavez HS	803	625	77.8	738	361	377	159	25.4	121	19.4	83	13.3
Long Acad	42	39	92.9	733	364	369	9	23.1	5	12.8	2	5.1
Austin HS	470	290	61.7	732	362	370	69	23.8	41	14.1	27	9.3
Kashmere HS	249	132	53.0	728	357	371	35	26.5	18	13.6	13	9.8
Houston MSTC HS	889	583	65.6	722	347	375	115	19.7	100	17.2	55	9.4
Madison HS	600	447	74.5	710	342	368	83	18.6	62	13.9	35	7.8
Scarborough HS	263	181	68.8	704	351	352	37	20.4	11	6.1	9	5.0
Washington HS	286	231	80.8	699	344	355	36	15.6	27	11.7	17	7.4
Wheatley HS	210	145	69.0	698	335	362	25	17.2	9	6.2	6	4.1
Sterling HS	484	367	75.8	695	346	349	74	20.2	53	14.4	34	9.3
North Forest HS	288	191	66.3	690	338	352	37	19.4	15	7.9	7	3.7
Worthing HS	276	231	83.7	690	341	349	35	15.2	21	9.1	12	5.2
Wisdom HS	1,095	700	63.9	681	332	350	85	12.1	66	9.4	27	3.9
Sharpstown HS	741	571	77.1	680	328	352	63	11.0	43	7.5	29	5.1
Middle College HS - Gulfon	40	25	62.5	677	330	347	3	12.0	2	8.0	1	4.0
Yates HS	317	232	73.2	670	325	345	32	13.8	25	10.8	17	7.3
Community Services	30	0	0.0	--	--	--	--	--	--	--	--	--
Harper DAEP	29	0	0.0	--	--	--	--	--	--	--	--	--
JJAEP	4	0	0.0	--	--	--	--	--	--	--	--	--
Liberty HS	90	0	0.0	--	--	--	--	--	--	--	--	--
Rogers TH	9	0	0.0	--	--	--	--	--	--	--	--	--
District Total, Grade 9	16,878	12,161	72.1	794	393	401	4,710	38.7	3,525	29.0	2,880	23.7
District Total, Grade 9, Excludes TCAH	15,589	12,157	78.0	794	393	401	4,710	38.7	3,525	29.0	2,880	23.7

"- -" indicates no students tested

*No scores reported for less than five students.

Sources: College Board PSAT 8/9 data file, 4/20/2023; Fall PEIMS Snapshot, 2022

Note: Highlighted cells: red (≤ 10.0), orange (10.1–26.0), yellow (26.1–50.0), and green (> 50.0).

Appendix C

2022 Participation and Performance on the PSAT/NMSQT, Grade 10

Table 1C. PSAT/NMSQT Grade 10 Participation Rates, Mean Total Scores, and Number and Percent Met CCR Benchmarks, 2022 (Sorted by Mean Total Score)

Campus	PEIMS Grade 10	# Tested	% Tested	Mean Total	Mean ERW	Mean Mathematics	# Met ERW	% Met ERW	# Met Mathematics	% Met Mathematics	# Met Both	% Met Both
Carnegie HS	211	209	99.1	1161	600	561	205	98.1	181	86.6	181	86.6
DeBaKey HS	193	191	99.0	1129	576	553	184	96.3	160	83.8	158	82.7
Kinder HSPVA	195	194	99.5	1062	551	512	170	87.6	126	64.9	124	63.9
Energy Inst HS	155	147	94.8	1016	515	501	116	78.9	89	60.5	85	57.8
Bellaire HS	810	638	78.8	996	508	488	445	69.7	316	49.5	302	47.3
Eastwood Acad HS	96	95	99.0	960	485	474	72	75.8	52	54.7	44	46.3
Challenge EC HS	123	121	98.4	956	486	470	87	71.9	60	49.6	55	45.5
HAIS HS	123	123	100.0	954	492	463	97	78.9	47	38.2	42	34.1
East EC HS	112	110	98.2	948	475	473	84	76.4	53	48.2	48	43.6
YWCPA	64	64	100.0	943	478	465	48	75.0	29	45.3	27	42.2
North Houston EC HS	128	126	98.4	933	464	468	85	67.5	59	46.8	53	42.1
TCAH	1,233	1	0.1	*	*	*	*	*	*	*	*	*
Lamar HS	837	673	80.4	895	458	437	401	59.6	204	30.3	183	27.2
South EC HS	92	90	97.8	893	441	452	46	51.1	37	41.1	29	32.2
HSLJ	107	104	97.2	884	445	439	61	58.7	26	25.0	22	21.2
Westside HS	722	627	86.8	883	446	437	337	53.7	184	29.3	170	27.1
Heights HS	625	580	92.8	874	443	432	297	51.2	157	27.1	136	23.4
Sharpstown Intl	209	196	93.8	874	428	446	97	49.5	63	32.1	53	27.0
Long Acad	49	48	98.0	846	417	429	22	45.8	12	25.0	10	20.8
Leland YMCPA	45	43	95.6	832	413	420	15	34.9	8	18.6	3	7.0
Middle College HS - Fraga	33	28	84.8	826	390	436	9	32.1	6	21.4	4	14.3
Jones HS	86	78	90.7	812	390	422	25	32.1	13	16.7	7	9.0
Mount Carmel Acad HS	70	68	97.1	802	395	406	22	32.4	9	13.2	5	7.4
Waltrip HS	400	325	81.3	800	396	403	104	32.0	46	14.2	37	11.4
Energized for STEM Academy HS	163	4	2.5	*	*	*	*	*	*	*	*	*
Chavez HS	558	496	88.9	789	389	400	137	27.6	55	11.1	41	8.3
Middle College HS - Gulfon	22	17	77.3	783	371	412	5	29.4	2	11.8	2	11.8
Northside HS	316	245	77.5	779	376	403	59	24.1	31	12.7	23	9.4
Milby HS	519	465	89.6	773	369	404	94	20.2	43	9.2	23	4.9
Westbury HS	586	463	79.0	768	373	395	112	24.2	44	9.5	29	6.3
Furr HS	333	241	72.4	763	372	391	53	22.0	22	9.1	12	5.0
Houston MSTC HS	739	580	78.5	763	370	393	112	19.3	57	9.8	34	5.9
Madison HS	511	414	81.0	755	365	390	65	15.7	36	8.7	20	4.8
Washington HS	237	198	83.5	754	370	384	36	18.2	10	5.1	5	2.5
Wisdom HS	437	287	65.7	753	363	389	45	15.7	21	7.3	10	3.5
Austin HS	386	294	76.2	749	363	386	47	16.0	23	7.8	10	3.4
Sterling HS	332	255	76.8	742	354	389	34	13.3	27	10.6	8	3.1
Scarborough HS	183	147	80.3	740	355	384	16	10.9	8	5.4	4	2.7
North Forest HS	271	209	77.1	738	353	385	27	12.9	12	5.7	5	2.4
Sharpstown HS	466	394	84.5	734	355	379	48	12.2	32	8.1	19	4.8
Yates HS	222	182	82.0	733	355	378	32	17.6	7	3.8	5	2.7
Worthing HS	222	186	83.8	733	353	380	29	15.6	8	4.3	4	2.2
Kashmere HS	206	123	59.7	729	344	385	11	8.9	5	4.1	2	1.6
Wheatley HS	169	131	77.5	710	348	362	18	13.7	8	6.1	6	4.6
Community Services	16	0	0.0	--	--	--	--	--	--	--	--	--
Harper DAEP	17	0	0.0	--	--	--	--	--	--	--	--	--
JJAEP	1	0	0.0	--	--	--	--	--	--	--	--	--
Liberty HS	56	0	0.0	--	--	--	--	--	--	--	--	--
Rogers T H	7	0	0.0	--	--	--	--	--	--	--	--	--
District Total, Grade 10	13,693	10,210	74.6	840	416	423	4,010	39.3	2,388	23.4	2,040	20.0
District Total, Grade 10, Excludes TCAH	12,460	10,209	81.9	840	416	423	4,009	39.3	2,388	23.4	2,040	20.0

“-” indicates no students tested

*No scores reported for less than five students.

Sources: College Board PSAT/NMSQT data file, 4/20/2023; Fall PEIMS Snapshot, 2022

Note: Highlighted cells: red (≤ 10.0), orange (10.1–26.0), yellow (26.1–50.0), and green (> 50.0).

Appendix D

2022 Participation and Performance on the PSAT/NMSQT, Grade 11

Table 1D. PSAT/NMSQT Grade 11 Participation Rates, Mean Total Scores, and Number and Percent Met CCR Benchmarks, 2022 (Sorted by Mean Total Score)

Campus	PEIMS Grade 11	# Tested	% Tested	Mean Total	Mean ERW	Mean Mathematics	# Met ERW	% Met ERW	# Met Mathematics	% Met Mathematics	# Met Both	% Met Both
TCAH	1,187	7	0.6	1281	654	627	7	100.0	6	85.7	6	85.7
Carnegie HS	199	197	99.0	1235	632	604	193	98.0	173	87.8	171	86.8
DeBaKey HS	212	211	99.5	1197	601	596	199	94.3	184	87.2	179	84.8
Kinder HSPVA	203	197	97.0	1128	593	535	179	90.9	128	65.0	127	64.5
Energy Inst HS	187	182	97.3	1080	554	526	152	83.5	111	61.0	107	58.8
Bellaire HS	603	465	77.1	1063	542	521	349	75.1	243	52.3	237	51.0
Eastwood Acad HS	96	95	99.0	1017	521	497	73	76.8	47	49.5	46	48.4
YWCPA	33	33	100.0	1010	532	478	30	90.9	12	36.4	12	36.4
HAIS HS	104	99	95.2	1004	524	481	80	80.8	35	35.4	34	34.3
East EC HS	113	112	99.1	1003	509	494	85	75.9	49	43.8	44	39.3
North Houston EC HS	106	105	99.1	995	502	493	76	72.4	46	43.8	42	40.0
Challenge EC HS	101	98	97.0	993	506	488	74	75.5	39	39.8	35	35.7
Sharpstown Intl	150	141	94.0	971	490	481	92	65.2	55	39.0	51	36.2
Long Acad	25	24	96.0	967	493	474	16	66.7	6	25.0	6	25.0
Westside HS	671	556	82.9	962	488	474	327	58.8	193	34.7	182	32.7
HSLJ	116	110	94.8	943	484	459	73	66.4	27	24.5	25	22.7
Lamar HS	759	617	81.3	941	489	453	367	59.5	168	27.2	160	25.9
South EC HS	97	96	99.0	939	470	469	53	55.2	30	31.2	25	26.0
Heights HS	622	575	92.4	931	474	457	328	57.0	146	25.4	130	22.6
Jones HS	79	68	86.1	873	445	428	28	41.2	8	11.8	6	8.8
Leland YMCPA	62	55	88.7	871	430	441	20	36.4	8	14.5	6	10.9
Mount Carmel Acad HS	54	50	92.6	868	428	440	18	36.0	8	16.0	8	16.0
Waltrip HS	335	255	76.1	852	426	426	84	32.9	33	12.9	30	11.8
Northside HS	241	171	71.0	833	405	428	42	24.6	17	9.9	13	7.6
Chavez HS	467	412	88.2	832	409	423	116	28.2	46	11.2	36	8.7
Milby HS	494	452	91.5	828	406	422	129	28.5	42	9.3	32	7.1
Westbury HS	493	410	83.2	819	406	414	105	25.6	30	7.3	26	6.3
Austin HS	271	216	79.7	806	394	412	52	24.1	9	4.2	6	2.8
Middle College HS - Fraga	28	23	82.1	805	396	409	7	30.4	1	4.3	1	4.3
Sterling HS	310	247	79.7	801	389	412	51	20.6	20	8.1	17	6.9
Scarborough HS	150	128	85.3	795	392	403	25	19.5	5	3.9	2	1.6
Energized for STEM Academy HS	124	117	94.4	787	382	405	22	18.8	9	7.7	5	4.3
Madison HS	423	339	80.1	785	380	405	54	15.9	20	5.9	15	4.4
Houston MSTC HS	573	451	78.7	784	386	398	79	17.5	26	5.8	20	4.4
Kashmere HS	127	75	59.1	784	384	400	12	16.0	4	5.3	4	5.3
Washington HS	157	120	76.4	782	389	394	23	19.2	6	5.0	5	4.2
Furr HS	239	167	69.9	780	375	406	32	19.2	7	4.2	7	4.2
Sharpstown HS	340	266	78.2	777	375	402	41	15.4	13	4.9	8	3.0
Yates HS	173	127	73.4	774	380	393	30	23.6	3	2.4	3	2.4
Wisdom HS	386	280	72.5	764	370	394	28	10.0	6	2.1	4	1.4
Middle College HS - Gulfon	35	24	68.6	752	353	399	2	8.3	0	0.0	0	0.0
Worthing HS	169	131	77.5	752	371	381	22	16.8	6	4.6	6	4.6
North Forest HS	209	167	79.9	749	365	384	16	9.6	7	4.2	4	2.4
Wheatley HS	129	92	71.3	735	360	374	9	9.8	2	2.2	2	2.2
Community Services	17	0	0.0	--	--	--	--	--	--	--	--	--
Rogers T H	4	0	0.0	--	--	--	--	--	--	--	--	--
Harper DAEP	5	0	0.0	--	--	--	--	--	--	--	--	--
SOAR Center	1	0	0.0	--	--	--	--	--	--	--	--	--
Liberty HS	156	0	0.0	--	--	--	--	--	--	--	--	--
JJAEP	3	0	0.0	--	--	--	--	--	--	--	--	--
District Total, Grade 11	11,838	8,763	74.0	895	448	447	3,800	43.4	2,034	23.2	1,885	21.5
District Total, Grade 11, Excludes TCAH	10,651	8,756	82.2	895	448	447	3,793	43.3	2,028	23.2	1,879	21.5

“-” indicates no students tested

Sources: College Board PSAT/NMSQT data file, 4/20/2023; Fall PEIMS Snapshot, 2022

Note: Highlighted cells: red (≤ 10.0), orange (10.1–26.0), yellow (26.1–50.0), and green (> 50.0).